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Stage 3, Tier 2 Verification Report (Pre-Construction Enabling Works)

at

Victoria Riverside
Land South of Dantzic Street
Strangeways
Manchester
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(ref. TJ3752AR1v1.0)

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LIST OF COMMON ABBREVIATIONS

ACM	Asbestos Containing Material
Al	Aluminium
AONB	Area of Outstanding Natural Beauty
AoPC	Area(s) of Potential Concern
AST	Above Ground Storage Tank
BaA	Benzo(a)anthracene
BaP	Benzo(a)pyrene
BbF	Benzo(b)fluoranthene
BGS	British Geological Survey
BH	Borehole
BTEX	Benzene, Toluene, Ethylbenzene & Xylene
CAT	Cable Avoidance Tool
CD&E	Construction, Demolition & Excavation
Chy	Chrysene
CLEA	Contaminated Lane Exposure Assessment
CSM	Conceptual Site Model
CWG	California Working Group
C4SL	Category 4 Screening Levels
DEFRA	Dept. for Environment, Food & Rural Affairs
DahA	Dibenzo(ah)anthracene
DQRA	Detailed Quantitative Risk Assessment
E	East
EA	Environment Agency
EU	European Union (Council/Commission etc.)
FRA	Flood Risk Assessment
GAC	Generic Assessment Criteria
GQA	General Quality Assessment
GQRA	Generic Quantitative Risk Assessment
Ha	Hectare(s)
IcdP	Indeno(123-cd)pyrene
LLTC	Low Level of Toxicological Concern
LNR	Local Nature Reserve
LoW	List of Wastes
m	Metre(s)
mAOD	Metres Above Ordnance Datum
mbgl	Metres Below Ground Level
MTBE	Methyl Tert-Butyl Ether
MCERTS	EA Monitoring Certification Scheme
N	North
NGR	National Grid Reference
NNR	National Nature Reserve
NP	National Park
NVZ	Nitrate Vulnerable Zone
PAH	Polyaromatic Hydrocarbon(s)
PCB	Polychlorinated Biphenyl(s)
PCoC	Potential Contaminants of Concern
PE	Polyethylene
PFS	Petrol Filling Station
PID	Photo Ionisation Detector
POS	Parks and Open Spaces
PPE	Personal Protective Equipment
PRA	Preliminary Risk Assessment
PVC	Polyvinyl Chloride
RBMP	River Basin Management Plan
RMS	Risk Management Strategy
RWFD	Revised Waste Framework Directive
RWL	Resting Water Level
S	South
S4UL	Suitable 4 Use Levels
SAC	Special Area of Conservation
SGV	Soil Guideline Value
SNRHW	Stable Non-Reactive Hazardous Waste
SPA	Special Protection Area
SPL	Significant Pollutant Linkage
SPR	Source-Pathway-Receptor
SPZ	Source Protection Zone
SSAC	Site Specific Assessment Criteria
SSSI	Site of Special Scientific Interest
SVOC	Semi Volatile Organic Compound(s)
TGEN	Terragen Environmental Consultants Limited
TOC	Total Organic Carbon
TP	Trial Pit
TPH	Total Petroleum Hydrocarbon(s)
UCL_{95}	95% Upper Confidence Limit
UK	United Kingdom
UKAS	UK Accreditation Service
UKEA	UK Environment Agencies
UN	United Nations
USEPA	United States Environmental Protection Agency
UST	Underground Storage Tank
VOC	Volatile Organic Compound(s)
W	West
WAC	Waste Assessment Criteria
WFD	Water Framework Directive
WS	Window Sampler

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1.0 INTRODUCTION AND FRAMEWORK

TGEN was commissioned by Henry Construction Projects Limited (HCPL), the client, via a written instruction to proceed to compile a Verification Report for the Pre-Construction Enabling Works phase of the development to address land contamination conditions attached to the planning permission granted for the proposed development at the site.

Site Address	Victoria Riverside, Land South of Dantzic Street, Strangeways, Manchester M4 4EJ.
NGR	384540E 399370N.
Site Location and Current Use	The previously vacant site covers an area of circa 0.97ha and is bounded by Dantzic Street, Gould Street, a railway viaduct, and a warehouse unit. It is bisected by Bromley Street (closed road) which lies in a NW to SE orientation. The site comprises hardstanding and is secured by a hoarding after all previous buildings and uses were cleared. The topography of the site is relatively flat at an elevation of circa +35mAOD with a fall in levels from E to W across the site of circa 3m. The surrounding area is dominated by the railway bridge and arches which are occupied by car garages and microbreweries. A traveller's site is on the opposite side of Dantzic Street. A site location/layout plan is presented in Figure 1.
Proposed Development	The site is part of the 'Northern Gateway Strategic Regeneration Framework' area. The proposal comprises three residential tower buildings of 37, 18 and 26-storeys above two, six-storey podiums on Dantzic Street to create six hundred and thirty-four homes including apartments (611), townhouses (13) and 10 maisonettes, which will comprise one-bedroom (35%), two-bedroom (55%) and three-bedroom (10%) properties. Tower A, at 37-storeys, is at the junction of Gould Street and Dantzic Street followed by Tower B at 18-storeys and Tower C at 26-storeys. A lower-level block, 6-storey block on Dantzic Street and Bromley Street would include townhouses, maisonettes and commercial uses creating front doors onto the street. Shared indoor and outdoor amenity spaces would be created on two podiums with private and semi-private amenity space and balconies. Podium A is to the S of Bromley Street adjacent to Tower A. Podium B is located to the E of Bromley Street between towers B and C. A public square would be created at the junction of Dantzic Street and Gould Street. Public realm improvements would also be undertaken along Dantzic Street with new paving, street trees and planting. Bromley Street would be a pedestrian priority street with public realm and landscaping. The facades of the building comprise a mixture of projecting and Juliet balconies and balconies to the podium areas. The main vehicular entrance would be via Dantzic Street which leads to a 43-space car park under Podium B (including 4 bays for disabled people). The 8 townhouses on Bromley Street would have dedicated parking space in the building. Pedestrian entrances for Towers A and C would be from Gould Street and Dantzic Street. Tower B entrance would be S of Bromley Street. There would be 634 cycle spaces (100% provision) with tower A having 293 spaces, tower B 134 and tower C 214. There would also be an additional 20 spaces within Podium A. Proposed development plan(s) are presented in Figure 2.
Framework	The Land Contamination: Risk Management Guidance (EA, May 2020) outlines how to assess if there is unacceptable risk and to decide which options are the most suitable to manage the risk through the implementation of remediation (if necessary). The guidance is based upon The Model Procedures for the Management of Land Contamination, CLR 11 (EA, 2004), which were developed to provide a technical framework for applying a risk management process when dealing with land potentially affected by contamination. The scope, framework and purpose remain the same, although CLR11 has now been withdrawn. The process involves identifying, making decisions on, and taking appropriate action to deal with, land contamination in a way that is consistent with government policies and legislation within the UK. Environmental assessors use a SPR conceptual site model when determining the risk posed by a potentially contaminated site. For potential risk to arise each stage of the SPR linkage must be present, plausible, and significant. Our approach follows the framework provided in the new guidance, the stages, and tiers of which can be briefly summarised as follows: • **Stage 1 Risk Assessment (RA)** Tier 1: Preliminary Risk Assessment (PRA). Tier 2: Site Investigation and Generic Quantitative Risk Assessment (GQRA). Tier 3: Detailed Quantitative Risk Assessment (DQRA). • **Stage 2 Options Appraisal (OA)** Decide if sufficient up to date information is available. Tier 1: Identify feasible remediation options. Tier 2: Detailed evaluation of options. Tier 3: Selection of final remediation option. • **Stage 3 Remediation Strategy (RS)** Tier 1: Develop a Remediation Strategy. Tier 2: Remediation and Verification. Tier 3: Long term monitoring and maintenance (if required).

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2.0 PREVIOUS INVESTIGATIONS

Previous Investigations	The site has been subject of several previous investigations: • Preliminary Risk Assessment (PRA) report (ref. LKC 19 1267- 01 dated September 2019) prepared by LK Consult (LKC). • Stage 1 Site Investigation Factual Report (ref. LKC 19 1267 dated September 2019) prepared by LKC. • Final Phase 2 Geo-Environmental Investigation, Risk Assessment and Remediation Strategy (ref. LKC 19 1267 dated November 2019) prepared by LKC.
Stage 1, Tier 1 PRA	The findings of the PRA can be briefly summarised as follows: • Historical mapping has shown that Industrial buildings, residential properties, and roads were present from prior to 1891. The majority of site was replaced by a Rubber Works shown on mapping from 1922, subsequently annotated as a 'Works' from 1980 mapping and no longer present from 2003 mapping. • The anticipated geological sequence comprised made ground across the site, underlain by Boulder Clay/Till across S half of the site (Secondary Undifferentiated Aquifer) with underlying bedrock of the Chester Formation Sandstone (Principal Aquifer). • There was no recorded mining, although the site was within an area where 'Probable Shallow Coal Mine Working' was considered with two mine entries onsite. • The River Irk is located circa 15m to the SW. • The nearest recorded pollution incident was circa 10m to the NW rated Category 3 (Minor Incident). • There are no surface water abstractions within 1000m, and the nearest groundwater abstraction is circa 510m to the NW and the site is not within an EA designated SPZ for potable supply. • The PRA identified seven potential pollutant linkages (PL): o PL1 Direct contact (human health): Low Risk (ACMs, Heavy Metals, hydrocarbons, Organic/Inorganic Contaminants); Low Risk (Mineral Oils, PCBs). o PL2 Inhalation of Vapours: Low Risk (volatile contaminants). o PL3 Gas: Low Risk (hazardous and ground gas). o PL4 Controlled waters: Low Risk (mobile contaminants). o PL5 Sulphate Attack: Low Risk (sulphate). o PL6 Water Pipelines: Low Risk (organic contaminants). o PL7 Phytotoxic: Low Risk (metals). The PRA concluded that a site investigation was required to further assess the pollutant linkages.
Stage 1, Tier 2 Site Investigation and GQRA	In September 2019, a site investigation was undertaken by LKC, which comprised the following: • Six window sample boreholes (ref. WS101 to WS106), seven rotary boreholes (ref. BH1 to BH7), twelve trial pits (ref. TP1 to TP12), two slot trenches (ref. ST1 and ST7), seven slot trenches (ref. ST8 to ST14) and two soak away tests were undertaken in TP9 and TP10. • Monitoring wells were installed in all window sampling and rotary boreholes • Eight soil samples were tested for metals, speciated PAHs, pH, sulphate, asbestos, and SOM, seven soil samples were tested for metals, speciated PAHs, cyanide, pH, sulphate, asbestos, phenol, TPHCWG, BTEX, MTBE and SOM, five soil samples were tested in accordance with WAC and two samples were submitted for the BRE SD1 Short Suite. • One visit to monitor groundwater levels within the boreholes. The revised CSM assigned the following risks to the pollutant linkages: • A low risk was assigned to risks to site users associated with ACM as no ACMs were identified onsite or within the soils. No further work was recommended. • A moderate risk was assigned to risk to site users associated with elevated levels of lead, PAHs, and hydrocarbons, which were identified in the made ground. It was noted that the made ground was to be removed during the proposed site level changes. The report recommended remediation would be required should made ground remain in place in areas of proposed landscaping. • A moderate risk was assigned to volatile contaminants posing a risk to site users via inhalation of vapours. Elevated naphthalene (hazard Quotient >1). It was noted that the made ground was to be removed during proposed site level changes. The report recommended a fully tanked and well-ventilated underground car park complying with BS8485. • A moderate/low risk was assigned to ground gas risks to buildings and site users. It was noted that the made ground was to be removed during proposed site level changes. The report recommended a fully tanked and well-ventilated underground car park complying with BS8485. • Elevated sulphate within the made ground was assigned a moderate/low risk. The report noted that made ground is likely to be removed during proposed site level changes. The report recommended sulphate resistant concrete required (DS-3 AC-2s) where made ground remains in place and in contact with proposed buildings.

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<table>
<tr><td rowspan="5">Stage 3, Remediation Strategy</td><td colspan="4">The LKC report concluded that remedial measures were required (i) pre-construction (i.e., during earthworks) and (ii) during/post construction, including the following, which are presented below:</td></tr>
<tr><td>Phase</td><td>PL</td><td>Remediation Requirements</td><td>Validation Requirements</td></tr>
<tr><td>Pre-Construction</td><td>All</td><td><u>Earthworks Inspections / Unexpected Contamination</u>

The relevant contractors should be briefed that during development works at the site should any unusual ground conditions and / or visual or olfactory evidence of contamination (including asbestos containing material) be encountered at the site, LKC and the Local Authority should be informed, and further assessment of the material may be required.

Should asbestos be identified during groundworks, precautions should be taken to ensure the safety of the construction workers and nearby land users. It would be advisable to introduce an asbestos management strategy in line with CIRIA C73359.</td><td>Log of work undertaken including photographs.

Details of any sampling undertaken and validation of any potential additional remedial work.</td></tr>
<tr><td rowspan="3">Build Phase Construction</td><td>1, 2, 3 & 7</td><td>It is understood that the site levels are to be reduced to approximately 3-3.5mbgl, with an average of ~3m will be removed across the site from current levels (exact levels to be confirmed at this stage).

Remediation associated with PL1, 2, 3 & 7 should comprise removal of all made ground and raise levels (as required) with suitably chemically validated material.

Should made ground remain in place, then risk assessment should be updated, and remediation measures revised – a capping layer may be required.</td><td>Consignment notes confirming the removal of made ground.

Photographic evidence of natural strata.

Chemical validation of imported soils:</td></tr>
<tr><td>2 & 3</td><td>In addition to the above, it is understood that the development is to include an underground car park across the footprint of the building(s). This should comprise as a minimum a suitable waterproofing and ventilation commensurate with Building Regulations and in line with BS848560.</td><td>Supply and review of foundation designs.

Photographic evidence of foundations.</td></tr>
<tr><td>5</td><td><u>Sulphate Resistant Concrete</u>

Sulphate Resistant Concrete in line with DS-3 AC-2s recommended where infrastructure may come into contact with made ground.

Sulphate resistant concrete not required in natural strata. This should be confirmed with the structural engineer.</td><td>N/A</td></tr>
<tr><td>6</td><td><u>Potable Water Pipes</u>

It is recommended that a Water Pipeline Assessment is undertaken once the location and depth of potable water pipes are known.</td><td>Delivery Notes of Pipe Material.

Photographs of the Installed Pipe.</td></tr>
</table>

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3.0 PLANNING STATUS

Planning Status	The Site Investigation Report (Phase 1) and Site Investigation Report (Phase 2), prepared by LKC were submitted to the local authority to support the planning application.
	Planning permission (ref. 126944/FO/2020 dated UL dated 15/01/2021) was granted by Manchester City Council (the local authority) for the erection of a residential-led mixed use development comprising 3 no. towers (37, 26 and 18 storeys) and podium levels (6 storey) to form 634 residential apartments and townhouse accommodation (Use Class C3) together with commercial accommodation (1222 sqm) (Use Classes A1,A2,A3,A4,A5,B1, D1 and D2)); with associated residential amenity areas, refuse storage, plant (including substation), car parking, cycle storage, landscaping and new public realm including the re-instatement of Bromley Street and other associated works. A copy of the planning permission is presented in Appendix A, which is subject to conditions, one of which (split) relates to the investigation, assessment and management of potential land contamination and can be summarised as follows: • **Condition 9) a)** Notwithstanding the Site Investigation Report (Phase 1) prepared by LK Consulting, Site Investigation Report (Phase 2) stamped as received by the City Council, as Local Planning Authority, on the 19 May 2020, a phase of the development shall not commence until the following information for that phase has been submitted for approval in writing by the City Council, as Local Planning Authority, to identify and evaluate all potential sources and impacts of any ground contamination, groundwater contamination and/or ground gas relevant to the site o Details of the initial gas monitoring investigation including a copy of any report used and also details of atmospheric pressure during monitoring to ensure assessment included periods of low and falling atmospheric pressure. o If any of the current boundary land is to remain or reused, or areas of soft landscaping are not being removed as part of the surface dig then an updated risk assessment and potentially remediation report will be required to confirm the details of any necessary remediation in these areas. o A water supplier risk assessment to confirm the type of water supply pipe to be installed. • **Condition 9) b)** When the phase commences, the development shall be carried out in accordance with the previously agreed Remediation Strategy and a Completion/Verification Report shall be submitted to and approved in writing by the City Council as Local Planning Authority. In the event that ground contamination, groundwater contamination and/or ground gas, not previously identified, are found to be present on the site at any time before the development is occupied, then development shall cease and/or the development shall not be occupied until, a report outlining what measures, if any, are required to remediate the land (the Revised Remediation Strategy) is submitted to and approved in writing by the City Council as Local Planning Authority and the development shall be carried out in accordance with the Revised Remediation Strategy, which shall take precedence over any Remediation Strategy or earlier Revised Remediation Strategy.
Stage 3, Remediation Strategy Update	Further to the planning permission granted by the local authority for the development at the site, LKC gathered additional information relating to gas monitoring, boundary conditions and water supply pipes, which was presented in an updated remediation strategy report, a copy of which is presented in Appendix B: • Remediation Strategy (ref. LKC 21 1194 dated April 2021) prepared by LKC. We assume that The Remediation Strategy report has been submitted to the local authority in respect of the matters reserved by Condition 9) a).
	The Remediation Strategy noted the requirements for Site Completion Reports: • Pre-construction Phase Completion Report: Site level reduction details, offsite disposal information, findings of the watching brief, validation testing of site won materials for re-used, including any site generated subsoil to be used in soft landscaping. • Build-phase Construction Completion Report: Gas membrane validation, validation testing of any imported topsoil, completion of UU potable water supply document and/or discussion with United Utilities (UU).

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4.0 REMIT

Remit	The client fulfilled the pre-construction phase of the development (i.e., the enabling works). This has included the removal of concrete obstructions and a reduced level excavation across the site to construct a temporary construction platform at an elevation of circa +29 to +30mAOD. A copy of the pile mat level survey is presented in Figure 3. TGEN was commissioned to present the relevant validation records gathered by the client during the enabling works and prepare the Stage 3, Tier 2 Verification Report (Pre-Construction Phase Completion Report). The build-phase validation records and associated completion report will be fulfilled by others.

5.0 PRE-CONSTRUCTION PHASE VALIDATION RECORDS

5.1 Site Personnel

RAMS and Toolbox Talk Records	The client compiled a Risk Assessment Method Statement (RAMS 02-Rev1 dated 14/04/2021) for the enabling works and the installation of a working platform, a copy of which is presented in Appendix C. The RAMS included measures to mitigate risks associated with: • Excavation of made ground and disposal from site using preferred contractor. • Site foreman to monitor ground conditions for the presence of hazardous material or for the presence of any suitable site won materials to be used later for backfilling. • Excavating around obstructions (Pile caps, pad foundations and existing piles) recording positions and removal using pneumatic breakers and concrete pulveriser. • Removal of any hazardous materials as per the local authority conditions. • Installation of working platform to as per design and levels provided. The RAMS was communicated to the site personnel during a pre-start site briefing, a signed copy of the attendance record is presented in Appendix D. The client also compiled a series of toolbox talks on a variety of topics, including needles, excavations and personal hygiene, copies of which are presented in Appendix E. As noted in the Phase 2 report A low risk was assigned to risks to site users associated with ACM as no ACMs were identified onsite or within the soils. Whilst no further work was recommended, the Remediation Strategy recommended that should asbestos be identified during groundworks, precautions should be taken to ensure the safety of the construction workers and nearby land users. It would be advisable to introduce an asbestos management strategy in line with CIRIA C73359. As such, a toolbox talk specifically about risks associated with ACM was presented by the client, a copy of which is presented in Appendix F. Furthermore, the site was supervised by a project manager with asbestos awareness training, a copy of the competency certificate is presented in Appendix G.

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5.2 Watching Brief

Watching Brief	During the development, the client maintained a watching brief, a photographic record of which is presented in Appendix H, a selection of which are presented in the table below.	
April 2021		Excavations for the crane base.
May 2021		General view across the site.
June 2021		General view across the site.
July 2021		General view across the site.

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5.3 Validation Testing Records

Waste Disposal Assessment	The Stage 1, Tier 2 site investigation report prepared by LKC included a waste disposal assessment using HazWaste Online™ (HWOL). LKC used worst case metal species based on hazard statements/ molecular weight, site history, ground conditions and likely species present in soils were used (e.g., metal oxides relating to an ash-based source). The near surface soil (made ground) at three locations was classified as hazardous waste, being described as soil and stones containing dangerous substances (LoW Code 17 05 03*): • **ST8 @ 0.1-1.1mbgl:** Visual Description: Dark brown gravelly SAND with frequent whole brick and fragments, occasional timber, metal, pottery, and rare masonry. Sand is fine to coarse. Gravel is fine to coarse, subangular. Elevated TPH (2470mg/kg or 0.247% - moisture corrected) with a BaP marker of 5.5%. Deemed hazardous by HP7:Carcinogenic and HP11 Mutagenic. The laboratory described the chromatogram signature as being consistent with PAH as opposed to fuel. • **ST9 @ 0.4-1.0mbgl:** Visual Description: Black sandy gravelly silty CLAY with frequent brick fragments, plastic, metal, plant matter and timber. Moderate sulphide (H2S) odour Elevated TPH (1330mg/kg or 0.133% - moisture corrected) with a BaP marker of 0.06%. Deemed hazardous by HP7:Carcinogenic and HP11 Mutagenic. The laboratory described the chromatogram signature as being consistent with PAH/Heavy Oil. • **ST13 @ 0.45-1.5mbgl:** Visual Description: Black silty gravely SAND with frequent brick, concrete, occasional plastic, glass, timber, and metal. Sand is fine to coarse. Gravel is fine to coarse, subangular. Moderate sulphide (H2S) odour. Elevated TPH (2580mg/kg or 0.258% - moisture corrected) with a BaP marker of 0.07%. Deemed hazardous by HP7:Carcinogenic and HP11 Mutagenic. The laboratory described the chromatogram signature as being consistent with Diesel/Lube Oil/PAH. We note that there was no visual/olfactory evidence of fuels or hydrocarbon contamination noted at any location, which is partially corroborated by the chromatogram/fuel type assessment, which indicated the signatures being consistent with PAH and heavy oil. In addition, at each location, tarmac was noted in the made ground in the upper layers of the profile. We also note that the made ground at TP10 @ 0.1-1.1mbgl was classified as potentially hazardous (HP8 Corrosive) due to a strongly alkaline soil reaction (pH Value) at the hazardous threshold of 11.5. However, the LKC description of the made ground at this location was "*brown clayey gravelly SAND with frequent brick (whole and fragments), occasional pottery, concrete and rare metal. Sand is fine to coarse. Gravel is fine to coarse, subangular*". As such, the presence of alkaline construction materials (e.g., brick and concrete) in the sample and the absence of corrosive materials such as plaster board, would indicate that the elevated pH is due to concrete and brick in the sample rather than potentially corrosive materials. Therefore, materials from these three locations were segregated and removed as soil and stones containing dangerous substances (LoW Code 17 05 03*).
Additional Delineation Sampling and Testing	In advance of the reduced level excavation commencing Socotec Materials Testing (Socotec) attended the site to collect samples from six (6) locations in the vicinity of ST8, ST9 and ST13 to determine whether the hydrocarbon contamination was more extensive, or as anticipated based on the site investigation report was localised. A sample location plan is presented in Figure 4. The samples were tested for a wide range of potential contaminants (heavy metals, TPH, PAH etc.) and WAC. A copy of the laboratory test report is presented in Appendix I. In general, the samples returned low concentrations of potential contaminants. The only exceptions were Sample 5 and Sample 6, which returned slightly elevated concentrations of TPH (1120mg/kg and 1030mg/kg). However, with moisture contents of 11.8% (Sample 5) and 11.6% (Sample 6), the moisture corrected concentrations were both <1000mg/kg and would therefore not be deemed hazardous. As such, the soil represented by the six (6) samples recovered by Socotec during the delineation sampling exercise would be soil and stones not containing dangerous substances (LoW Code 17 05 04). This would indicate that the contamination identified at ST8, ST9 and ST13 was localised.

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5.4 Duty of Care Records – Waste Disposal

Waste Carriers	During the project waste materials generated at the site were removed by the following carriers: • Chartrange Enviro Limited (WCL: CBDU177542 dated 11/02/2020 to 08/05/2023). • McDonnell Haulage Limited (WCL: CBDU46027 dated 02/10/2018 to 01/11/2021). • W. Leeson & Son (WCL: CBDU100836 dated 23/05/2019 to 10/06/2022). All three carriers are upper tier waste carriers with the certificate of registration being in date for the period of waste disposal (i.e., April to July 20201) from the site. Copies of the Waste Carrier Licences are presented in Appendix J.	
Receiving Facilities	During the project, waste materials generated at the site were disposed to the following sites/facilities:	
	Soil and Stones (17 05 04) and Concrete (17 01 01)	Aggregate & Soil Recycling Facility at Salford, Manchester operated by Chartrange (Quarry Products) Limited (Permit No. EPR/EB3903LV).
	Mixed Waste (17 09 04) and End of Life Tyres (16 01 03)	A11 Waste Transfer Station at Moss Lane, Manchester operated by William Leeson (Permit No. EAWML 50114).
	Soil and Stones Containing Dangerous Substances (17 05 03*)	Hazardous Waste Soil Treatment Facility at Maw Green Landfill Site operated by 3C Waste Limited (Permit No. EPR/BS7722ID).
	Copies of the permits for the receiving facilities are presented in Appendix K.	
Disposal Records	Between 20/04/2021 and 23/07/2021, one thousand, four hundred and fifty-one (1451) lorry loads, circa 11500m^3 of waste materials were removed from the site, which included: • Eleven (11) loads of mixed construction and demolition waste (LoW Code 17 09 04) disposed offsite to the transfer station at Moss Lane. Copies of the waste transfer notes (WTN) are presented in Appendix L. • Two (2) loads of end-of-life tyres (LoW Code 16 01 03) disposed offsite to the transfer station at Moss Lane. Copies of the WTN are presented in Appendix M. • One thousand, two hundred and sixty (1260) loads of soil and stones not containing dangerous substances (LoW Code 17 05 04) disposed offsite to the Chartrange recycling facility in Salford. A selection of WTN is presented in Appendix N. • Three (3) loads of soil and stones containing dangerous substances (LoW Code 17 05 03*) disposed offsite to the soil treatment facility at Maw Green Landfill. A photographic record and copies of the consignment notes are presented in Appendix O. • One hundred and seventy-five (175) loads of hardcore (LoW Code 17 01 01) disposed offsite to the Chartrange recycling facility in Salford. A selection of WTN is presented in Appendix P.	

5.5 Duty of Care Records – Imported Materials

Disposal Records	During June and July 2021, three hundred and seventy-four (374) lorry loads, circa 2900m^3 of aggregates were imported to the site to construct the temporary piling platform. This has included: • Two hundred and forty-four (244) loads of unbound, recycled aggregate (Type 6F2) from Chartrange (Quarry Products) Limited. A copy of the performance certificate is presented in Appendix Q. • One hundred and twenty-eight (128) loads of unbound, recycled aggregate (Type 6F2) from Pearl Environmental Limited. A copy of the performance certificate is presented in Appendix R. • Two (2) loads of MOT Type 1 subbase material from Dow Low Quarry. A copy of the performance certificate is presented in Appendix S. A selection of delivery notes is presented in Appendix T.

5.6 Developer Declaration

Declaration	During the groundwork phase of the development a discovery strategy was implemented by the developer. As described above, a watching brief was maintained by the project manager during the works for evidence (e.g., visual, or olfactory evidence) of unexpected or otherwise exceptional contamination or ground conditions (e.g., obstructions or unexpected structures). No evidence of unexpected contamination (i.e., outside the scope of the remediation strategy) or any unexpected structures or other obstructions was identified during the works. A signed declaration by the developer is presented in Appendix U.

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6.0 REGULATORY APPROVAL

Regulatory Approval	In accordance with the requirements of the planning permission, the validation records presented in Section 5.0 should be submitted to the local authority regarding the matters reserved by Condition 9) b) (Pre-Construction Phase Verification Report) of the planning permission. Further validation records relating to the Build Phase Construction (e.g., water supply pipes, waterproofing/membranes, imported topsoil etc.) should be provided by the parties involved in those subsequent elements of the development.

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7.0 LIMITATIONS AND USE OF THIS REPORT

IMPORTANT: This section should be read before reliance is placed on any of the opinions, advice, recommendations or conclusions set out in this report.

a) This report has been prepared for the purpose of providing advice to the client pursuant to its appointment of TGEN to act as a consultant.
b) Save for the client no duty is undertaken or warranty or representation made to any party in respect of the opinions, advice, recommendations or conclusions herein set out.
c) All work carried out in preparing this report has used, and is based upon, our professional knowledge and understanding of the current relevant English and European Community standards, approved codes of practice, technology and legislation.
d) Changes in the above may cause the opinion, advice, recommendations or conclusions set out in this report to become inappropriate or incorrect. However, in giving its opinions, advice, recommendations and conclusions, TGEN has considered pending changes to environmental legislation and regulations of which it is currently aware. Following delivery of this report, we will have no obligation to advise the client of any such changes, or of their repercussions.
e) TGEN acknowledges that it is being retained, in part, because of its knowledge and experience with respect to environmental matters. TGEN will consider and analyse all information provided to it in the context of our knowledge and experience and all other relevant information known to us. To the extent that the information provided to us is not inconsistent or incompatible therewith, TGEN shall be entitled to rely upon and assume, without independent verification, the accuracy and completeness of such information.
f) The content of this report represents the professional opinion of experienced environmental consultants. TGEN does not provide specialist legal advice and the advice of lawyers may be required.
g) In the summary and recommendations sections of this report, TGEN has set out our key findings and provided a summary and overview of our advice, opinions and recommendations. However, other parts of this report will often indicate the limitations of the information obtained by TGEN and therefore any advice, opinions or recommendations set out in the executive summary, summary and recommendations sections ought not to be relied upon unless they are considered in the context of the whole report.
h) The assessments made in this report are based on the ground conditions as revealed by walkover survey and/or intrusive investigations, together with the results of any field or laboratory testing or chemical analysis undertaken and other relevant data which may have been obtained including previous site investigations. In any event, ground contamination often exists as small discrete areas of contamination (hot spots) and there can be no certainty that any or all such areas have been located and/or sampled.
i) There may be special conditions appertaining to the site which have not been taken into account in the report. The assessment may be subject to amendment in light of additional information becoming available.
j) Where any data supplied by the client or from other sources, including that from previous site investigations, have been used it has been assumed that the information is correct. No responsibility can be accepted by TGEN for inaccuracies within the data supplied by other parties.
k) Whilst the report may express an opinion on possible ground conditions between or beyond trial pit or borehole locations, or on the possible presence of features based on either visual, verbal or published evidence this is for guidance only and no liability can be accepted for the accuracy thereof.
l) Comments on groundwater conditions are based on observations made at the time of the investigation unless otherwise stated. Groundwater conditions may vary due to seasonal or other effects.
m) This report is prepared and written in the context of the agreed scope of work and should not be used in a different context. Furthermore, new information, improved practices and changes in legislation may necessitate a reinterpretation of the report in whole or part after its original submission.
n) The copyright in the written materials shall remain the property of the TGEN but with a royalty-free perpetual licence to the client deemed to be granted on payment in full to TGEN by the client of the outstanding amounts.
o) These terms apply in addition to the TGEN standard terms of engagement (or in addition to another written contract which may be in place instead thereof) unless specifically agreed in writing (In the event of a conflict between these terms and the said standard terms of engagement the said standard terms of engagement shall prevail). In the absence of such a written contract the standard terms of engagement will apply.
p) TGEN maintains adequate insurance cover for public liability and professional indemnity. However, we are unable to accept liability for asbestos related matters. Our work must not be taken as sufficient to identify the presence or absence of asbestos in or on the ground. In placing a contract with us the client accepts the restriction on asbestos. If we find or strongly suspect asbestos is or may be present in or on the ground, we will inform the client and advise specialist investigation. The client agrees that they shall not bring any claim personally against any director / employee or consultant to us in respect of loss or damage suffered by the client arising out of this contract.

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Figure 1 Site Location and Layout Plan(s).

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Rev	Description	Date
P1	Issued For Planning	05.05.20

Key

Application Boundary

3C Tariff Street
Manchester M1 2FF
mail@hawkinsbrown.com
hawkinsbrown.com

Hawkins\
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Project
Victoria Riverside
Dantzic Street
Manchester

North

Drawing
Existing Site Location Plan

Scale @ A1	Date
1 : 1250	May 2020
Drawn By	**Checked By**
NT	MC

Job Number	Status	Purpose of Issue
18059	S2	For Planning

Drawing No. DAST-HBA-00-XX-DR-A-PL20_0001 **Rev** P1

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5. The dimensions of all materials must be checked on site before being laid out.
6. This drawing must be read with the relevant specification clauses and detail drawings.
7. Order of construction and setting out to be agreed on site.

SITE AREA: 9698m2

Revision	Date	Description	Drawn	Apprvd.
S4-P04	05-05-20	Planning	AT	AT
S4-P03	24-04-20	Planning	AT	AT
S4-P02	15-04-20	Planning	AT	AT
S4-P01	11-07-19	DRAFT PLANNING	AT	GB

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LIVERPOOL
No. 8 Princes Parade, Princes Dock, Liverpool, L3 1DL
T: 0151 705 6746

Client FEC

Project Victoria Riverside Northern Gateway

Drg Title Existing Site Plan

Created on	Created by	Approved by
17.06.19	AT	GB

Scale	Size	Workstage
1:250	A1	Planning

Drg No.	Suitability	Revision
1768.1-PLA-XX-XX-DR-L-0002	S4	P04

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Figure 2 Proposed Development Plan(s).

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Rev	Description	Date
P1	Issued For Planning	05.05.20



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Project Victoria Riverside Dantzic Street Manchester	**North**
Drawing Proposed Site Plan	
Scale @ A1 As indicated	**Date** May 2020
Drawn By NT	**Checked By** MC
Job Number 18059 / **Status** S2	**Purpose of Issue** For Planning
Drawing No. DAST-HBA-00-XX-DR-A-PL20_0002	**Rev** P1

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6. This drawing must be read with the relevant specification clauses and detail drawings.
7. Order of construction and setting out to be agreed on site.

Red line boundary

For hardswork keys refer to drawings:
1768.1-PLA-XX-XX-DR-L-1000
1768.1-PLA-XX-XX-DR-L-1001

For softwork keys refer to drawings:
1768.1-PLA-XX-XX-DR-L-2000
1768.1-PLA-XX-XX-DR-L-2001

Revision	Date	Description	Drawn	Apprvd.
S4-P06	05-05-20	Planning	AT	AT
S4-P05	24-04-20	Planning	AT	AT
S4-P04	15-04-20	Planning	AT	AT
S1-P03	28-02-20	Comment	HT	GB
S1-P02	06-12-19	Comment	AT	GB
S1-P01	11-07-19	DRAFT landscape proposals	AT	GB

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Client FEC

Project Victoria Riverside Northern Gateway

Drg Title Landscape masterplan

Created on	Created by	Approved by
17.06.19	AT	GB

Scale	Size	Workstage
1:250	A1	Planning

Drg No. **1768.1-PLA-XX-XX-DR-L-0005**

Suitability **S4**

Revision **P06**

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P1	Issued For Planning	05.05.20

Hargreaves Street
River Irk
Dantzic Street
Dantzic Street
Gould Street
Williamson Street
Bromley Street
Ramp
Access Ramp
Car Park
Water Tank Room
Plant Room Water Tank Room
+29.900 m
Podium A Cycle Store
Tower A Cycle Store
218.0 m²
Podium A Entrance Lobby
Substation
Comms and LS Switch
Second Supply LS Switch Room
M1-00-007
Podium A Refuse Store
24.8 m²
Tower A Concierge
+29.990 m
Office
Staff Room
Accessible WC
CCTV
Tower A Meter Store
152.4 m²
Parcel Store
Tower A Cycle Store
157.8 m²
Tower C Concierge
+29.350 m
CCTV
Office
Parcel Room
Accessible WC
Staff Room
Tower C Cycle Store
157.8 m²
Tower C Refuse Store
97.3 m²
Commercial 1
Commercial 2
Commercial 3
Commercial 4
Commercial 5
3B5P Townhouse 1
95.3 m²
3B5P Townhouse 2
96.0 m²
3B5P Townhouse 3
95.1 m²
3B5P Townhouse 4
92.0 m²
3B5P Townhouse 5
96.1 m²
3B5P Townhouse 6
95.1 m²
3B5P Townhouse 7
96.2 m²
3B5P Townhouse 8
95.5 m²
3B5P Townhouse 9
95.3 m²
3B5P Townhouse 10
95.3 m²
Living Space
Bedroom 1
Bedroom 2
Bedroom 3
EV Charging
Communal Amenity Terrace
A
B
C

Key

- Application Boundary
- 1B2P
- 2B3P
- 2B4P
- 3B5P
- 3B6P

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Project Victoria Riverside Dantzic Street Manchester	**North**
Drawing Proposed Ground Floor Plan	
Scale @ A1 1 : 250	**Date** April 2020
Drawn By NT	**Checked By** MC
Job Number 18059	**Status** S2
Purpose of Issue For Planning	
Drawing No. DAST-HBA-00-00-DR-A-PL20_0100	**Rev** P1

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Rev	Description	Date
P1	Issued For Planning	05.05.20



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Project Victoria Riverside Dantzic Street Manchester	**North**
Drawing Proposed Level 01 Floor Plan	
Scale @ A1 1 : 250	**Date** May 2020
Drawn By NT	**Checked By** MC
Job Number 18059	**Status** S2
Purpose of Issue For Planning	
Drawing No. DAST-HBA-00-01-DR-A-PL20_0101	**Rev** P1



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Drawing
Proposed Level 02 Floor Plan

Scale @ A1	Date
1 : 250	May 2020

Drawn By	Checked By
NT	MC

Job Number	Status	Purpose of Issue
18059	S2	For Planning

Drawing No.	Rev
DAST-HBA-00-02-DR-A-PL20_0102	P1



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Rev	Description	Date
P1	Issued For Planning	05.05.20

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Drawing
Proposed Level 03 Floor Plan

Scale @ A1	Date
1 : 250	May 2020

Drawn By	Checked By
NT	MC

Job Number	Status	Purpose of Issue
18059	S2	For Planning

Drawing No.	Rev
DAST-HBA-00-03-DR-A-PL20_0103	P1



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- 3B6P

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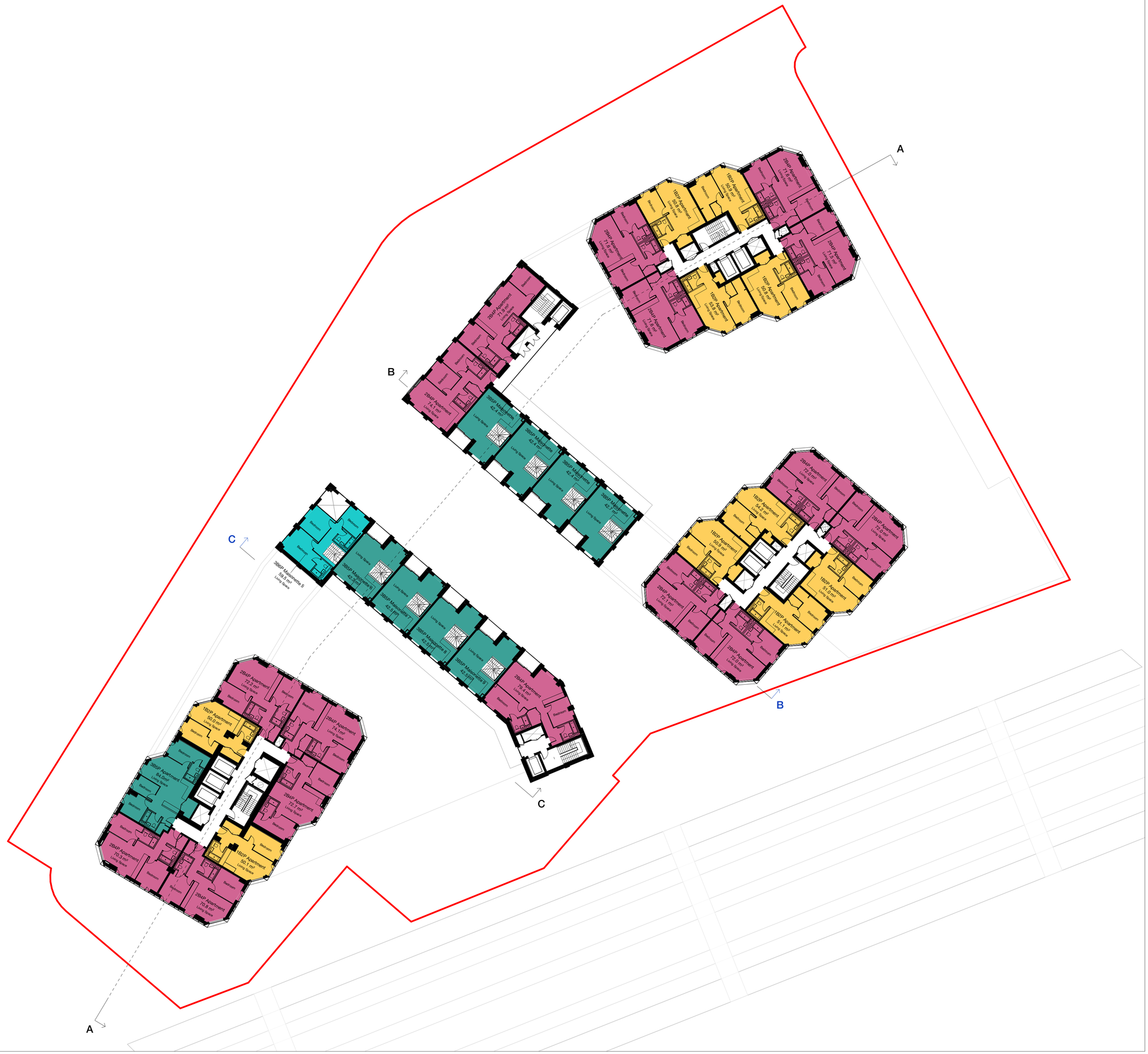
Drawing
Proposed Level 04 Floor Plan

Scale @ A1	Date
1 : 250	May 2020

Drawn By	Checked By
NT	MC

Job Number	Status	Purpose of Issue
18059	S2	For Planning

Drawing No.	Rev
DAST-HBA-00-04-DR-A-PL20_0104	P1



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Rev	Description	Date
P1	Issued For Planning	05.05.20

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Manchester

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Drawing
Proposed Level 05 Floor Plan

Scale @ A1	Date
1 : 250	May 2020
Drawn By	**Checked By**
NT	MC

Job Number	Status	Purpose of Issue
18059	S2	For Planning

Drawing No. DAST-HBA-00-05-DR-A-PL20_0105 **Rev** P1

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Project Victoria Riverside Dantzic Street Manchester	**North**
Drawing Proposed Level 06-11 Floor Plan	
Scale @ A1 1 : 250	**Date** May 2020
Drawn By NT	**Checked By** MC
Job Number 18059 / **Status** S2	**Purpose of Issue** For Planning
Drawing No. DAST-HBA-00-06-DR-A-PL20_0106	**Rev** P1

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Project Victoria Riverside Dantzic Street Manchester	**North**
Drawing Proposed Level 12-17 Floor Plan	
Scale @ A1 1 : 250	**Date** May 2020
Drawn By NT	**Checked By** MC
Job Number 18059 / **Status** S2	**Purpose of Issue** For Planning
Drawing No. DAST-HBA-00-12-DR-A-PL20_0112	**Rev** P1

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- 2B4P
- 3B5P
- 3B6P

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Manchester

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Drawing
Proposed Level 18-22 Floor Plan

Scale @ A1	Date
1 : 250	May 2020
Drawn By NT	**Checked By** MC

Job Number	Status	Purpose of Issue
18059	S2	For Planning

Drawing No. DAST-HBA-00-18-DR-A-PL20_0118
Rev P1

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Rev	Description	Date
P1	Issued For Planning	05.05.20



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Drawing
Proposed Level 23-25 Floor Plan

Scale @ A1	Date
1 : 250	May 2020
Drawn By NT	**Checked By** MC

Job Number	Status	Purpose of Issue
18059	S2	For Planning

Drawing No. DAST-HBA-00-23-DR-A-PL20_0123
Rev P1

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Rev	Description	Date
P1	Issued For Planning	05.05.20



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Dantzic Street
Manchester

North

Drawing
Proposed Level 26-36 Floor Plan

Scale @ A1	Date
1 : 250	May 2020
Drawn By NT	**Checked By** MC

Job Number	Status	Purpose of Issue
18059	S2	For Planning

Drawing No. DAST-HBA-00-26-DR-A-PL20_0126
Rev P1

Figure 3 Pile Mat Level Survey Plan(s).

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399450N

384450E

384500E

384550E

384600E

399400N

399350N

N

Sp

Lp

Wm

F:
42.96

R:
44.35

TWL
37.27

TWL
35.50

THL
35.10

THL
35.09

THL
34.77

THL
34.06

Rev. No.	Date	Description

Job No.	
Stage.	-
Dwg. No.	-
Revision.	-
Scale.	
Date.	20.07.21
Drawn.	-ML
Check.	

Client.	-
Project.	HENRY CONSTRUCTION PROJECTS LTD VICTORIA RIVERSIDE, Dantzic St
Drawing.	PILE MATT LEVEL SURVEY

Figure 4 Delineation Sampling Location Plan(s).

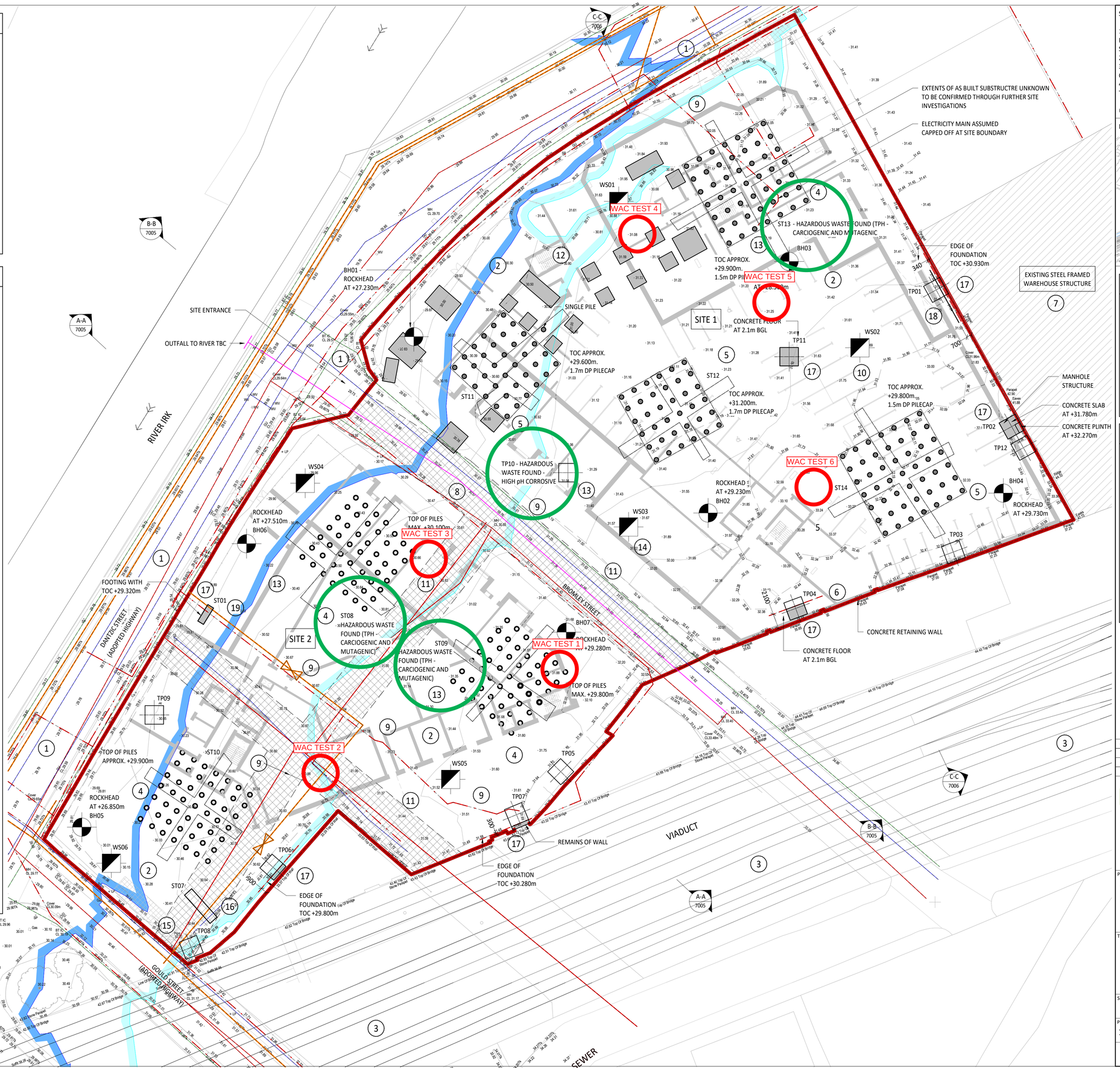
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LEGEND

- COMMUNICATIONS
- ELECTRICITY (VOLTAGE TBC)
- DRAINAGE (COMBINED)
- DRAINAGE (OVERFLOW)
- WATER MAINS
- GAS
- GAS MAIN (AS INDICATED ON BMC CONSULTING DRAWING - J3996/032)
- PROPOSED SITE BOUNDARY
- DENOTES EXTENT OF FLOOD ZONE 2
- DENOTES EXTENT OF FLOOD ZONE 3
- DENOTES EXTENT OF PROPOSED BUILDING STRUCTURES
- PRELIMINARY EASEMENT ZONE (UU)

PRINCIPAL CONSTRAINTS

1. NUMEROUS BURIED SERVICES WITHIN DANTZIC STREET FOOTPATH
2. FLOOD ZONE 2 & 3 BASED UPON LEVELS PUBLISHED BY ENVIRONMENT AGENCY OCT 2017
3. OPERATIONAL NETWORK RAIL VIADUCT. NETWORK RAIL MAY IMPOSE CONSTRAINTS ON PROPOSED CONSTRUCTION SUCH AS VIBRATION AND MOVEMENT MONITORING AND ALLOWABLE PROXIMITY OF TOWER CRANES DURING CONSTRUCTION.
4. EXISTING 600mm DIA. PILE FOUNDATIONS BETWEEN 5-7m IN DEPTH CONFIRMED INSTALLED BY ALL FOUNDATIONS LTD. APPROXIMATE POSITIONS HAVE BEEN CONFIRMED THROUGH SITE INVESTIGATION AND ARE TO BE COORDINATED WITH PROPOSED STRUCTURES.
5. EXISTING 1.5 - 1.7m THK CONCRETE PILECAPS WITH EXISTING 600mm DIA. PILE FOUNDATIONS BETWEEN 5-7m IN DEPTH BELOW. CONFIRMED INSTALLED BY ALL FOUNDATIONS LTD. APPROXIMATE POSITION OF PILECAPS HAVE BEEN CONFIRMED THROUGH SITE INVESTIGATION. POSITION OF PILES TO BE CONFIRMED THROUGH SITE INVESTIGATION AND COORDINATED WITH PROPOSED STRUCTURES
6. REINFORCED CONCRETE RETAINING WALL ON PROPOSED DEVELOPMENT BOUNDARY. POTENTIAL RISK OF UNDERMINING TO BE MITIGATED THROUGH DESIGN OF ADJACENT PROPOSED STRUCTURES.
7. ADJACENT EXISTING INDUSTRIAL UNIT ASSUMED FOUNDED ON SHALLOW FOUNDATIONS AND TO BE A SINGLE STOREY STRUCTURE WITHOUT BASEMENT. POTENTIAL RISK OF UNDERMINING TO BE MITIGATED THROUGH DESIGN OF ADJACENT PSOPOSED STRUCTURES
8. BROMLEY STREET ADOPTED HIGHWAYS BISECTING SITE PAVED WITH STONE COBBLES WHICH ARE POTENTIALLY OF INTEREST TO THE MCC CONSERVATION DEPARTMENT.
9. EXISTING BURIED SERVICES WITHIN DEVELOPMENT SITE NOTED ON SOURCE INFORMATION ASSUMED CAPPED OFF AT SITE BOUNDARY BY PREVIOUS SITE ENABLING WORKS. ASSUMPTION TO BE PROVEN BY GPR SURVEY. APPLIES TO DRAINAGE, GAS AND ELECTRICITY SERVICES SHOWN WITHIN SITE BOUNDARY
10. TOPOGRAPHICAL SURVEY SUBJECT TO FURTHER REVIEW BASED ON RECENT GRADING OF SITE
11. PRELIMINARY EASEMENT ZONE TO BE DISCUSSED WITH UNITED UTILITIES FOR SEWERS TO BE DIVERTED, EASEMENT IN EFFECT UNTIL THE DIVERSION IS COMPLETE
12. POTENTIAL EXISTING PAD FOUNDATIONS FROM PREVIOUS DEVELOPMENT - REBAR CAGES SHOWN AS INSTALLED IN ORDNANCE SURVEY AERIAL PHOTOGRAPH
13. HAZARDOUS WASTE ENCOUNTERED DURING SITE INVESTIGATION (DETAILS SHOWN IN EACH LOCATION)
14. AVERAGE GROUNDWATER LEVEL ENCOUNTERED IN INVESTIGATIONS +27.000m. ALLOW FOR DEWATERING IN EXCAVATIONS. POTENTIAL FOR RUNNING SANDS TO OCCUR WHERE GRANULAR DEPOSITS ARE SATURATED
15. APPROX. 300mm CAST IRON GAS MAIN STICKING OUT FROM GROUND (LIVE) IDENTIFIED DURING SITE INVESTIGATION
16. WATER PIPE RUNNING ACROSS SLOT TRENCH IDENTIFIED DURING SITE INVESTIGATION
17. EXISTING SLAB OR FOUNDATION IDENTIFIED DURING SITE INVESTIGATION
18. IRON GAS PIPE (30mm DIA.) AT +31.000m IDENTIFIED DURING SITE INVESTIGATION
19. 30mm DIA. CAST IRON GAS PIPELINE (DEAD/REDUNDANT) IDENTIFIED DURING SITE INVESTIGATION

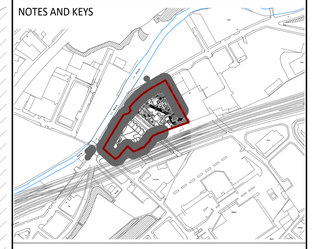


STANDARD NOTES

1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECT'S AND ENGINEER'S DRAWINGS AND THE SPECIFICATIONS.
2. THIS DRAWING SHOULD NOT BE SCALED.
3. ALL DIMENSIONS ARE TO BE VERIFIED BY THE CONTRACTOR ON SITE.
4. ALL DISCREPANCIES SHOULD BE REPORTED TO C.A. PRIOR TO THE COMMENCEMENT OF WORKS.

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NOTES AND KEYS



GENERAL NOTES

THE LOCATION OF SERVICES AND INFORMATION SHOWN ON THIS PLAN ARE SUBJECT TO DISTORTION (FOR ELECTROMAGNETIC TECHNIQUES).
NUMEROUS SERVICES SHOWN ON PLAN ARE FROM THE UTILITY RECORD DRAWINGS, WHICH MAY BE OF POOR QUALITY.
THEREFORE, WE CANNOT GUARANTEE ACCURACY OF INFORMATION TAKEN FROM SUCH RECORDS.
IT IS THE RESPONSIBILITY OF THE USER UNDER HEALTH & SAFETY (HSG47) GUIDELINES TO SATISFY ONESELF OF THE SUSPECTED LOCATION OF ANY SERVICES PRIOR TO EXCAVATION IN THE VICINITY OF THE SERVICES SHOWN ON THIS DRAWING.

SOURCE INFORMATION

1. EXISTING PRE-ENABLING WORKS SITE LEVELS OBTAINED FROM FAR EAST CONSORTIUM SITE SURVEY DRAWING ISM/ARUP-257920 RIVER IRK - DATED JAN 19.

2. EXISTING BURIED STATUTORY SERVICES OBTAINED FROM UTILITY PROVIDERS VIA CORNERSTONE PROJECTS LTD. ALL SERVICE LOCATIONS TO BE CONFIRMED VIA FURTHER DETAILED SITE SURVEYS.

3. FLOOD ZONE INFORMATION OBTAINED FROM ARUP.

4. EXISTING PILING INFORMATION OBTAINED FROM BELL MUNRO CONSULTING LTD VIA FAR EAST CONSORTIUM - LOCATION OF FOUNDATIONS IN GROUND TBC BY SUITE OF INTRUSIVE OPENING UP INVESTIGATIONS.

5. FINAL PHASE 2 GEO-ENVIRONMENTAL INVESITGATION, RISK ASSESSMENT AND REMEDIATION STRATEGY; LK GROUP, NOVEMBER 2019.

Date	Rev	Description	Drawn	Chkd
04.09.20	P03	ISSUED FOR INFORMATION	JCN	RMF
31.05.19	P02	FLOOD LEVELS UPDATED	AR	CH
10.05.19	P01	ISSUED FOR INFORMATION	PMe	CH

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Project
VICTORIA RIVERSIDE
DANTZIC STREET, MANCHESTER

Title
EXISTING SITE CONSTRAINTS

Status
INFORMATION

Project Number	Scale @ A1	Date Created	Drawn	Checked	Suitability
1127-01	1:250	APR 19	PMe	CH	S1

Drawing Number: 1127-01-CE-TP-XX-DR-S-7001
Revision: P03

Appendix A Planning Permission.

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MANCHESTER CITY COUNCIL

Important – Planning permission & notices of consent

Compliance with conditions

- Your planning approval or consent is attached. It will contain conditions that you must comply with.
- Please read the conditions and understand their requirements and restrictions, for example submission and approval of details or measures to protect trees.
- Some conditions will require action before you start development and it is imperative that you seek to have these discharged before any work commences.
- Whilst every effort has been made to group conditions logically, it is your responsibility to ensure that you are aware of the requirements and/or restrictions of all conditions.
- If you fail to comply with the conditions this may result in a breach of planning control and this may lead to enforcement action.
- Failure to comply with conditions may also result in the development not being lawful.
- It is in your interests to demonstrate that conditions have been complied with. Failure to do so may cause difficulties if the property is sold or transferred.
- A fee is payable for each request to discharge conditions.
- For advice on any of these matters, please contact Planning, Manchester City Council, PO Box 532, Town Hall, Manchester M60 2LA or email planning@manchester.gov.uk

MANCHESTER CITY COUNCIL

Town & Country Planning Act 1990 (as amended)

Planning Permission

Applicant	Agent (if used)
Far East Consortium International Ltd C/o Agent	Mr Paul Nellist Avison Young Norfolk House 7 Norfolk Street Manchester M2 1DW

Part 1 – Particulars of the application/development

Proposal: Erection of a residential-led mixed use development comprising 3 no. towers (37, 26 and 18 storeys) and podium levels (6 storey) to form 634 residential apartments and townhouse accommodation (Use Class C3) together with commercial accommodation (1222 sqm) (Use Classes A1,A2,A3,A4,A5,B1, D1 and D2)); with associated residential amenity areas, refuse storage, plant (including substation), car parking, cycle storage, landscaping and new public realm including the re-instatement of Bromley Street and other associated works

Location: Land Bound By Dantzic Street, Gould Street, Williamson Street And Bromley Street , (Known As Victoria Riverside), Manchester

Date of application: 19 May 2020

Application number: 126944/FO/2020

Part 2 – Particulars of decision

Manchester City Council gives notice that the development referred to in Part 1 has been **Approved** in accordance with the application and plans submitted subject to the condition(s) listed below (if any).

Article 35 Declaration

Officers have worked with the applicant in a positive and proactive manner based on seeking solutions to problems arising in relation to dealing with the planning application. Pre application advice has been sought in respect of this matter where early discussions took place regarding the siting/layout, scale, design and appearance of the development along with noise and traffic impacts. Further work and discussion shave taken place with the applicant through the course of the application, particularly in respect of the appearance of the building along with other matters arising from the consultation and notification. The proposal is considered to be acceptable and therefore determined within a timely manner.

Condition(s) attached to this decision

1) The development must be begun not later than the expiration of three years beginning with the date of this permission.

Reason - Required to be imposed pursuant to Section 91 of the Town and Country Planning Act 1990.

2) Prior to the commencement of development, a detailed phasing plan (including enabling phase and indicative timescales for implementation) for the development shall be submitted for approval in writing by the City Council, as Local Planning Authority. The development shall then be carried out in accordance with the phasing plan and timescales agreed.

Reason - The development is to be carried out on a phased basis and details must therefore be agreed in this regard to ensure that a comprehensive development provided at this site pursuant to policies SP1 and DM1 of the Manchester Core Strategy (2012).

3) The development hereby approved shall be carried out in accordance with the following drawings and documents:

Drawings

DAST-HBA-00-XX-DR-APL20_0001, DAST-HBA-00-XX-DR-APL20_0002, DAST-HBA-00-00-DR-APL20_0100, DAST-HBA-00-02-DR-APL20_0102, DAST-HBA-00-03-DR-APL20_0103, DAST-HBA-00-04-DR-APL20_0104, DAST-HBA-00-05-DR-APL20_0105, DAST-HBA-00-06-DR-APL20_0106, DAST-HBA-00-12-DR-APL20_0112, DAST-HBA-00-18-DR-APL20_0118, DAST-HBA-00-23-DR-APL20_0123, DAST-HBA-00-26-DR-APL20_0126, DAST-HBA-00-36-DR-APL20_0137, DAST-HBA-00-ZZ-DR-APL20_0200, DAST-HBA-00-ZZ-DR-APL20_0201, DAST-HBA-00-ZZ-DR-APL20_0202, DAST-HBA-00-ZZ-DR-APL20_0203, DAST-HBA-00-ZZ-DR-APL20_0204, DAST-HBA-00-ZZ-DR-APL20_0205, DAST-HBA-00-ZZ-DR-APL20_0206, DAST-HBA-00-ZZ-DR-APL20_0207, DAST-HBA-00-ZZ-DR-APL20_0208, DAST-HBA-00-ZZ-DR-APL20_0209, DAST-HBA-00-ZZ-DR-APL20_0210, DAST-HBA-00-ZZ-DR-APL20_0211, DAST-HBA-00-ZZ-DR-APL20_0212, DAST-HBA-00-ZZ-DR-APL20_0300, DAST-HBA-00-ZZ-DR-APL20_0301, DAST-HBA-00-ZZ-DR-APL20_0302, DAST-HBA-00-ZZ-DR-APL20_0500, DAST-HBA-00-ZZ-DR-APL20_0501, DAST-HBA-00-ZZ-DR-APL20_0502, DAST-HBA-00-ZZ-DR-APL20_0503, DAST-HBA-00-ZZ-DR-APL20_0504, DAST-HBA-00-ZZ-DR-APL20_0505, DAST-HBA-00-ZZ-DR-APL20_0506, , DAST-HBA-00-ZZ-DR-APL20_0508, DAST-HBA-00-ZZ-DR-APL20_0509, DAST-HBA-00-ZZ-DR-APL20_0510, 1768.1-PLA-XX-XX-DR-L-0001 P06, 1768.1-PLA-XX-XX-DR-L-0002 P04, 1768.1-PLA-XX-XX-DR-L-0003 P05, 1768.1-PLA-XX-XX-DR-L-0004 P05, 1768.1-PLA-XX-XX-DR-L-0005 P06, 1768.1-PLA-XX-XX-DR-L-1000 P06, 1768.1-PLA-XX-XX-DR-L-1001 P08, 1768.1-PLA-XX-XX-DR-L-1005 P06, 1768.1-PLA-XX-XX-DR-L-2000 P04, 1768.1-PLA-XX-XX-DR-L-2001 P05 and 1768.1-PLA-XX-XX-DR-L-6000 P04

All stamped as received by the City Council, as Local Planning Authority, on the 19 May 2020

Drawings DAST-HBA-00-ZZ-DR-A-PL20_0507 P3 and DAST-HBA-00-ZZ-DR-A-PL20_0550 Rev 1 stamped as received by the City Council, as Local Planning Authority, on the 10 August 2020

Supporting Information

DAS (including Landscaping, Refuse Management Strategy and Public Realm Statement) prepared by Hawkins Brown and Planit-IE, Tall Building Statement prepared by Avison Young, Consultation Statement prepared by Counter Context, Crime Impact Statement prepared by Greater Manchester Police, Site Investigation Report (Phase 1) prepared by LK Consulting, Site Investigation Report (Phase 2), prepared by LK Consulting, Environmental Standards Statement (including ventilation strategy), prepared by ARUP, Ecological Appraisal, prepared by Paul Chester & Associates Ltd, TV Reception Survey prepared by SCS Technologies Ltd;
Detailed Fire Strategies prepared by BB7, Environmental Statement comprising:

ES Volume 1: Non-Technical Summary, prepared by Avison Young;
ES Volume 2: Main Text:
o Chapter 1 - Introduction, prepared by Avison Young;
o Chapter 2 - Approach, prepared by Avison Young;
o Chapter 3 - Site Description, prepared by Avison Young;
o Chapter 4 - Alternatives, prepared by Avison Young;
o Chapter 5 - The Proposed Development, prepared by Avison Young;
o Chapter 6 - Planning Policy Context, prepared by Avison Young;
o Chapter 7 - Townscape and Visual Impact, prepared by Planit-IE;
o Chapter 8 - Heritage, prepared by Stephen Levant Heritage Architecture;
o Chapter 9 - Flood Risk and Drainage, prepared by Civic Engineers;
o Chapter 10 - Transport and Access, prepared by Civic Engineers;
o Chapter 11 - Air Quality and Dust (including fumes), prepared by BWB Consulting;
o Chapter 12 - Noise and Vibration, prepared by ARUP;
o Chapter 13 - Sunlight, Daylight and Overshadowing, prepared by GIA;
o Chapter 14 - Wind Microclimate (including Pedestrian Level Wind Microclimate Assessment), prepared by BMT (wind assessment) and ArcAero (ES Chapter);
o Chapter 15 - Socioeconomic (including local labour), prepared by Brookdale;
o Chapter 16 - Human Health - Enfusion
o Chapter 17 - Climate Change - Wardell Armstrong
o Chapter 18 - Cumulative Impacts, prepared by Avison Young;
o Chapter 19 - Summary of Mitigation and Residual Effects, prepared by Avison Young.

ES Volume 3: Appendices.

All stamped as received by the City Council, as Local Planning Authority, on the 19 May 2020

ES addendum including updated Flood Risk Assessment stamped as received by the City Council, as Local Planning Authority, on the 17 August 2020

Sustainability statement and ESS addendum stamped as received by the City Council, as Local Planning Authority, on the 14 September 2020

Reason - To ensure that the development is carried out in accordance with the approved plans. Pursuant to policies SP1 and DM1 of the Core Strategy.

4) A phase of the development (save for the enabling works phase) shall not commence until details of the method for piling, or any other foundation design using penetrative methods, for that phase shall be submitted for approval in writing by the City

Council, as Local Planning Authority. The approved details shall then be implemented during the construction of the development.

Reason - Piling or any other foundation using penetrative methods can result in risks to potable supplies (pollution/turbidity, risk of mobilising contamination) drilling through different aquifers and creating preferential pathways. It is therefore necessary to demonstrate that piling will not result in contamination of groundwater. In addition, pilling can affect the adjacent railway network which also requires consideration pursuant to policies SP1, EN17 and EN18 of the Manchester Core Strategy (2012).

5) No demolition works or vegetation clearance shall take place during the optimum period for bird nesting (March - September inclusive) unless nesting birds have been shown to be absent, or, a method statement for the demolition including for the protection of any nesting birds is agreed in writing by the City Council, Local Planning Authority. Any method statement shall then be implemented for the duration of the demolition works.

Reason - In order to protect wildlife from works that may impact on their habitats pursuant to policy EN15 of the Manchester Core Strategy (2012).

6) A phase of development shall be carried out in accordance with the flood risk and drainage assessment with the ES prepared by Civic Engineers stamped as received by the City Council, as Local Planning Authority, on the 19 May 2020.
The development shall be carried out in accordance with this information and prior to the first occupation of a phase (save for the enabling works phase), a verification report for that phase shall be submitted for approval in writing to the City Council, as Local Planning to confirm that the works in that phase have been undertaken in accordance with the previously approved reports.

Reason - In the interest of managing the flood risk at the development pursuant to policy EN14 of the Manchester Core Strategy (2012).

7) Notwithstanding the flood risk and drainage assessment with the ES prepared by Civic Engineers stamped as received by the City Council, as Local Planning Authority, on the 19 May 2020, (a) A phase of the development (save for the enabling works phase) shall not commence until a scheme for the drainage of surface water from that phase of the new development shall be submitted for approval in writing by the City Council as the Local Planning Authority. This shall include:

- Consideration of alternative green SuDs solution if practicable;

- Details of surface water attenuation that offers a reduction in surface water run off rate in line with the Manchester Trafford and Salford Strategic Flood Risk Assessment i.e at least a 50% reduction in run off rate compared to the existing rates, as the site is located within a critical drainage area.

- Runoff volume in the 1 in 100 year, 6 hours rainfall shall be constrained to a value as close as is reasonable practicable to the greenfield runoff volume for the same event, but never to exceed the runoff volume from the development site prior to redevelopment.

- Evidence that the drainage system has been designed (unless an area is designed to hold and/or convey water as part of the design) so that flooding does not

occur during a 1 in 100 year rainfall event with allowance for climate change in any part of a building.

- Assessment of overland flow routes for extreme events that is diverted away from buildings (including basements). Overland flow routes need to be designed to convey the flood water in a safe manner in the event of a blockage or exceedance of the proposed drainage system capacity including inlet structures. A layout with overland flow routes needs to be presented with appreciation of these overland flow routes with regards to the properties on site and adjacent properties off site.

- Hydraulic calculation of the proposed drainage system

- construction details of flow control and SuDs elements.

(b) The phase (save for the enabling works phase) shall then be constructed in accordance with the approved details, within an agreed timescale.

(c) Prior to the first occupation of a phase (save for the enabling works phase) a verification report for that phase shall be submitted, including relevant photographic evidence, that the scheme has been implemented in accordance with the previously approved details.

Reason - To promote sustainable development, secure proper drainage and to manage the risk of flooding and pollution pursuant to policies SP1, EN14 and DM1 of the Manchester Core Strategy (2012).

8) No development groundworks shall take place until the applicant or their agents or their successors in title have secured the implementation of a programme of archaeological works to be undertaken in accordance with a Written Scheme of Investigation (WSI) submitted to and approved in writing by the local planning authority. The WSI shall cover the following:

1. A programme for post investigation assessment, research and re-interment to include: - analysis of the finds and site investigation records - production of a final report on the significance of the archaeological and historical interest represented;

2. Provision for publication and dissemination of the analysis and report on the site investigation - including publication as part of the 'Greater Manchester's Past Revealed' series.

3. Provision for archive deposition of the report, finds and records of the site investigation

Reason - To record and advance understanding of heritage assets impacted on by the development and to make information about the archaeological heritage interest publicly accessible pursuant to policy EN3 of the Manchester Core Strategy.

9) a) Notwithstanding the Site Investigation Report (Phase 1) prepared by LK Consulting, Site Investigation Report (Phase 2) stamped as received by the City Council, as Local Planning Authority, on the 19 May 2020, a phase of the development shall not commence until the following information for that phase has been submitted for approval in writing by the City Council, as Local Planning Authority, to identify and evaluate all potential sources and impacts of any ground contamination, groundwater contamination and/or ground gas relevant to the site

- details of the initial gas monitoring investigation including a copy of any report used and also details of atmospheric pressure during monitoring to ensure assessment included periods of low and falling atmospheric pressure;
- If any of the current boundary land is to remain or reused, or areas of soft landscaping are not being removed as part of the surface dig then an updated risk assessment and potentially remediation report will be required to confirm the details of any necessary remediation in these areas.

- A water supplier risk assessment to confirm the type of water supply pipe to be installed

b) When the phase commences, the development shall be carried out in accordance with the previously agreed Remediation Strategy and a Completion/Verification Report shall be submitted to and approved in writing by the City Council as Local Planning Authority.

In the event that ground contamination, groundwater contamination and/or ground gas, not previously identified, are found to be present on the site at any time before the development is occupied, then development shall cease and/or the development shall not be occupied until, a report outlining what measures, if any, are required to remediate the land (the Revised Remediation Strategy) is submitted to and approved in writing by the City Council as Local Planning Authority and the development shall be carried out in accordance with the Revised Remediation Strategy, which shall take precedence over any Remediation Strategy or earlier Revised Remediation Strategy.

Reason - To ensure that the presence of or the potential for any contaminated land and/or groundwater is detected and appropriate remedial action is taken in the interests of public safety, pursuant to policies DM1 and EN18 of the Core Strategy.

10) A phase of the development shall not commence until a detailed construction management plan outlining working practices during construction for that phase of the development shall be submitted to and approved in writing by the Local Planning Authority, which for the avoidance of doubt should include;

- Display of an emergency contact number;
- Details of Wheel Washing;
- Dust suppression measures;
- Compound locations where relevant;
- Consultation with local residents;
- Location, removal and recycling of waste;
- Routing strategy and swept path analysis;
- Parking of construction vehicles and staff; and
- Sheeting over of construction vehicles.

A phase shall be carried out in accordance with the approved construction management plan.

Reason - To safeguard the amenities of nearby residents and highway safety, pursuant to policies SP1, EN9, EN19 and DM1 of the Manchester Core Strategy (July 2012).

11) Prior to the commencement of each phase of development, full details of ground levels, earthworks and excavations to be carried out near to the railway boundary shall

be submitted for approval in writing by the City Council, as Local Planning Authority . The development shall be implemented in accordance with the approved details.

Reason: To protect the adjacent railway, pursuant to SP1 , T1and DM1 of the Core Strategy for Manchester (1995).

12) Prior to the commencement of development (including demolition, ground works, vegetation clearance), an invasive non-native species protocol shall be submitted for approval by the City Council, as Local Planning Authority. For the avoidance of doubt this shall detail the containment, control and removal of Himalayan balsam and giant hogweed on site. The development shall be carried out in accordance with the approved protocol.

Reason - In order to deal with the invasive non-native species at the application site pursuant to policy EN15 of the Manchester Core Strategy (2012).

13) Prior to the commencement of the development within each phase (save for the enabling works phase), all material to be used on all external elevations of the development shall be submitted for approval in writing by the City Council, as Local Planning Authority. This shall include the submission of samples (including a panel) and specifications of all materials to be used on all external elevations of the development along with jointing and fixing details, details of the drips to be used to prevent staining in, ventilation/air brick and a strategy for quality control management.

The approved materials shall then be implemented as part of the development.

Reason - To ensure that the appearance of the development is acceptable to the City Council as local planning authority in the interests of the visual amenity of the area within which the site is located, as specified in policies SP1 and DM1 of the Core Strategy.

14) The window reveals and soffits for the development shall be carried out in accordance with drawings DAST-HBA-00-ZZ-DR-A-PL20_0507 P2 and DAST-HBA-00-ZZ-DR-A-PL20_0550 Rev 1 stamped as received by the City Council, as Local Planning Authority, on the 10 August 2020

For the avoidance of doubt the extent of the window reveals and detailing will be as follows:

- Minimum window reveal 200mm (300mm to commercial units);
- Brickwork to Soffits of all windows where applicable.

Reason - In the interest of preserving the architectural detailing on the scheme pursuant to policies EN1 and DM1 of the Manchester Core Strategy (2012).

15) a) Prior to the commencement of a phase of development (save for the enabling works phase), details of a Local Benefit Proposal, in order to demonstrate commitment to recruit local labour for the duration of the construction that phase of the development, shall be submitted for approval in writing by the City Council, as Local Planning Authority. The approved document shall be implemented as part of the construction of the development.

In this condition a Local Benefit Proposal means a document which includes:

i) the measures proposed to recruit local people including apprenticeships
ii) mechanisms for the implementation and delivery of the Local Benefit Proposal
iii) measures to monitor and review the effectiveness of the Local Benefit Proposal in achieving the objective of recruiting and supporting local labour objectives

(b) Within one month prior to construction work associated with each phase being completed, a detailed report which takes into account the information and outcomes about local labour recruitment pursuant to items (i) and (ii) above shall be submitted for approval in writing by the City Council as Local Planning Authority.

Reason - The applicant has demonstrated a commitment to recruiting local labour pursuant to policies SP1, EC1 and DM1 of the Manchester Core Strategy (2012).

16) Prior to any above ground works of a phase (save for the enabling works phase), details of the boundary treatment shall for that phase be submitted for approval in writing by the Council, as Local Planning Authority. The approved details shall then be implemented as part of the phase and be in place prior to the first occupation of that phase of the development.

The boundary treatment shall be retained and maintained in situ thereafter and notwithstanding the provisions of the Town and Country Planning (General Permitted Development) Order 2015 (or any order revoking or re-enacting that Order with or without modification) no boundary treatment shall be erected on site, other than that shown on the approved plans.

Reason - To ensure that the appearance of the development is acceptable to the City Council as local planning authority in the interests of the visual amenity of the area within which the site is located, as specified in policies SP1 and DM1 of the Core Strategy.

17) Prior to the first occupation of a phase hereby approved (save for the enabling works phase), details of the implementation, maintenance and management of the sustainable drainage scheme for that phase shall be submitted for approval in writing by the City Council, as Local Planning Authority.

For the avoidance of doubt the scheme shall include the following:

- Verification report providing photographic evidence of construction; and
- Management and maintenance plan for the lifetime of the development which shall include the arrangements for adoption by any public body or statutory undertaker, or any other arrangements to secure the operation of the sustainable drainage scheme throughout its lifetime.

The approved scheme shall then be implemented in accordance with the details and thereafter managed and maintained for as long as the development remains in use.

Reason - To promote sustainable development, secure proper drainage and to manage the risk of flooding and pollution pursuant to policies SP1, EN14 and DM1 of the Manchester Core Strategy (2012).

18) The development hereby approved shall be carried out in accordance with the Sustainability statement and ES addendum stamped as received by the City Council, as Local Planning Authority, on the 14 September 2020. A post construction review certificate/statement for each phase (save for the enabling works phase) shall be

submitted for approval, within a timescale that has been previously agreed in writing, to the City Council as Local Planning Authority for each phase.

Reason - In order to minimise the environmental impact of the development pursuant to policies SP1, T1-T3, EN4-EN7 and DM1 of the Core Strategy and the principles contained within The Guide to Development in Manchester SPD (2007) and the National Planning Policy Framework.

19) Notwithstanding drawings 1768.1-PLA-XX-XX-DR-L-0001 P06, 1768.1-PLA-XX-XX-DR-L-0002 P04, 1768.1-PLA-XX-XX-DR-L-0003 P05, 1768.1-PLA-XX-XX-DR-L-0004 P05, 1768.1-PLA-XX-XX-DR-L-0005 P06, 1768.1-PLA-XX-XX-DR-L-1000 P06, 1768.1-PLA-XX-XX-DR-L-1001 P08, 1768.1-PLA-XX-XX-DR-L-1005 P06, 1768.1-PLA-XX-XX-DR-L-2000 P04, 1768.1-PLA-XX-XX-DR-L-2001 P05 and 1768.1-PLA-XX-XX-DR-L-6000 P04 stamped as received by the City Council, as Local Planning Authority, on the 19 May 2020, (a) prior to the first occupation of each phase (save for the enabling works phase) details of a hard and soft landscaping scheme (including appropriate materials, specifications) for that phase shall be submitted for approval in writing by the City Council as Local Planning Authority.

(b) The approved scheme for each phase shall be implemented prior to the first occupation of the residential element of each phase. If within a period of 5 years from the date of the planting of any tree or shrub, that tree or shrub or any tree or shrub planted in replacement for it, is removed, uprooted or destroyed or dies, or becomes, in the opinion of the local Planning Authority, seriously damaged or defective, another tree or shrub of the same species and size as that originally planted shall be planted at the same place.

Reason - To ensure that a satisfactory landscaping scheme for the development is carried out that respects the character and visual amenities of the area, in accordance with policies SP1, EN9 and DM1 of the Core Strategy.

20) Prior to the first occupation of the residential element of each phase (save for the enabling works phase), a detailed landscaped management plan for that phase shall be submitted for approval in writing by the City Council, as Local Planning Authority. For the avoidance of doubt this shall include details of how the hard and soft landscaping areas will be maintained including maintenance schedules and repairs. The management plan shall then be implemented as part of the development and remain in place for as long as the development remains in use.

Reason - To ensure that the satisfactory landscaping scheme for the development is maintained in the interest of the character and visual amenities of the area, in accordance with policies SP1, EN9 and DM1 of the Core Strategy

21) Notwithstanding the Chapter 12 Noise and Vibration, prepared by ARUP of the ES stamped as received by the City Council, as Local Planning Authority, on the 17 May 2020, (a) Prior to the first occupation of each phase of the development hereby approved (save for the enabling works phase), details of any externally mounted ancillary plant, equipment and servicing shall be submitted for approval in writing by the City Council, as Local Planning Authority. For the avoidance of doubt, externally mounted plant, equipment and servicing shall be selected and/or acoustically treated in accordance with a scheme designed so as to achieve a rating level of 5 dB (Laeq) below the typical background (LA90) level at the nearest noise sensitive location.

(b) Prior to the first occupation of each phase of the development (save for the enabling works phase), a verification report will be required to validate that the work undertaken conforms to the recommendations and requirements approved as part of part (a) of this planning condition. The verification report shall include post completion testing to confirm the noise criteria has been met. In instances of non conformity, these shall be detailed along with mitigation measures required to ensure compliance with the noise criteria. Any mitigation measures shall be implemented in accordance with a timescale to be agreed with the City Council, as Local Planning Authority, and thereafter retained and maintained in situ.

Reason - To minimise the impact of plant on the occupants of the development pursuant to policies SP1 and DM1 of the Manchester Core Strategy (2012) and saved policy DC26 of the Unitary Development Plan for the City of Manchester (1995).

22) (a) Notwithstanding the Chapter 12 Noise and Vibration, prepared by ARUP of the ES stamped as received by the City Council, as Local Planning Authority, on the 19 May 2020, prior to the first use of each the commercial units as indicated on drawing DAST-HBA-00-00-DR-A-PL20_0100 Rev P1 stamped as received by the City Council, as Local Planning Authority, on the 19 May 2020, a scheme of acoustic insulation for that commercial unit shall be submitted for approval in writing by the City Council, as Local Planning Authority.

(b) Prior to the first use of the commercial units within each phase, a verification report will be required to validate that the work undertaken conforms to the recommendations and requirements approved as part of part (a) of this planning condition. The verification report shall include post completion testing to confirm the noise criteria has been met. In instances of non conformity, these shall be detailed along with mitigation measures required to ensure compliance with the noise criteria. Any mitigation measures shall be implemented in accordance with a timescale to be agreed with the City Council, as Local Planning Authority, and thereafter retained and maintained in situ.

Reason - In order to limit the outbreak of noise from the commercial premises pursuant to policies SP1 and DM1 of the Core Strategy (2007) and saved policy DC26 of the Unitary Development Plan for the City of Manchester (1995).

23) Notwithstanding the Chapter 12 Noise and Vibration, prepared by ARUP of the ES stamped as received by the City Council, as Local Planning Authority, on the 19 May 2020, (a) prior to the first occupation of each phase of the development (save for the enabling works phase), a scheme for acoustically insulating the proposed residential accommodation within that phase of the development against noise from Dantzic Street, local traffic network and the adjacent railway/tram line shall be submitted for approval in writing by the City Council, as Local Planning Authority. The approved noise insulation scheme shall be completed before the first occupation of the phase of development.

Noise survey data must include measurements taken during a rush-hour period and night time to determine the appropriate sound insulation measures necessary. The following noise criteria will be required to be achieved:

Bedrooms (night time - 23.00 - 07.00) 30 dB L Aeq (individual noise events shall not exceed 45 dB L Amax,F by more than 15 times per night)
Living Rooms (daytime - 07.00 - 23.00) 35 dB L Aeq
Gardens and terraces (daytime) 55 dB L Aeq (where practically possible)

(b)Prior to the first occupation of each phase of the development, a verification report for that phase of development will be required to validate that the work undertaken conforms to the recommendations and requirements approved as part of part (a) of this planning condition. The verification report shall include post completion testing to confirm the noise criteria has been met. In instances of non conformity, these shall be detailed along with mitigation measures required to ensure compliance with the noise criteria. Any mitigation measures shall be implemented in accordance with a timescale to be agreed with the City Council, as Local Planning Authority, and thereafter retained and maintained in situ.

Reason: To secure a reduction in noise from traffic or other sources in order to protect future residents from noise disturbance pursuant to policies SP1, H1 and DM1 of the Core Strategy (2007) and saved policy DC26 of the Unitary Development Plan for the City of Manchester (1995).

24) Notwithstanding the Waste and Servicing strategy within the Design and Access statement prepared by Hawkins Brown stamped as received by the City Council, as Local Planning Authority, on the 19 May 202, prior to the first occupation/use of each phase of the development (save for the enabling works phase), a scheme for the storage (including segregated waste recycling) and disposal of refuse for the residential and commercial elements within that phase of the development shall be submitted for approval in writing by the City Council, as Local Planning Authority. The details of the approved scheme shall be implemented as part of each phase and shall remain in situ whilst the use or development is in operation.

Reason - To ensure adequate refuse arrangement are put in place for the residential element of the scheme pursuant to policies EN19 and DM1 of the Manchester Core Strategy.

25) Prior to the first use of each of the commercial units, drawing DAST-HBA-00-00-DR-A-PL20_0100 Rev P1 stamped as received by the City Council, as Local Planning Authority, on the 19 May 2020, details of a scheme to extract fumes, vapours and odours from that commercial unit shall be submitted for approval in writing by the City Council, as Local Planning Authority. The approved scheme shall then be implemented prior to the first occupation of each of the commercial units and thereafter retained and maintained in situ.

Reason - To ensure appropriate fume extraction is provided for the commercial units pursuant to policies SP1 and DM1 of the Manchester Core Strategy and saved policy DC10 of the Unitary Development Plan for the City of Manchester (1995).

26) Prior to the first use of each commercial unit as indicated drawing DAST-HBA-00-00-DR-A-PL20_0100 Rev P1 stamped as received by the City Council, as Local Planning Authority, on the 19 May 2020, details of any roller shutters to the ground floor of that commercial unit shall be submitted for approval in writing by the City Council, as Local Planning Authority. For the avoidance of doubt the shutters shall be fitted internally to the premises. The approved details shall be implemented prior to the first occupation of each commercial units and thereafter retained and maintained in situ.

Reason - To ensure that the roller shutters are appropriate in visual amenity terms pursuant to policies SP1, EN1 and DM1 of the Manchester Core Strategy (2012).

27) The development hereby approved shall include a building and site lighting scheme and a scheme for the illumination of external areas during the period between dusk and

dawn. Prior to the first occupation of each phase (save for the enabling works phase), full details of such a scheme for that phase shall be submitted for approval in writing by the City Council, as Local Planning Authority. The approved scheme shall be implemented in full prior to the first occupation of each phase and shall remain in operation for so long as the development is occupied.

Reason - In the interests of amenity, crime reduction and the personal safety of those using and ensure that lighting is installed which is sensitive to the bat environment the proposed development in order to comply with the requirements of policies SP1 and DM1 of the Core Strategy.

28) If any lighting at the development hereby approved, when illuminated, causes glare or light spillage which in the opinion of the Council as local planning authority causes detriment to adjoining and nearby residential properties, within 14 days of a written request, a scheme for the elimination of such glare or light spillage shall be submitted to the Council as local planning authority and once approved shall thereafter be retained in accordance with details which have received prior written approval of the City Council as Local Planning Authority.

Reason - In order to minimise the impact of the illumination of the lights on the occupiers of nearby residential accommodation, pursuant to policies SP1 and DM1 of the Core Strategy.

29) Deliveries, servicing and collections including waste collections shall not take place outside the following hours:

Monday to Saturday 07:30 to 20:00
Sundays (and Bank Holidays): No deliveries/waste collections

Reason - In the interest of residential amenity pursuant to policies SP1 and DM1 of the Manchester Core Strategy (2012).

30) The commercial units hereby approved, as indicated on drawing DAST-HBA-00-00-DR-A-PL20_0100 Rev P1 stamped as received by the City Council, as Local Planning Authority, on the 19 May 2020, shall not be open outside the following hours:-

Monday to Saturday	08.00hrs - 23.00hrs
Sundays	09.00hrs - 23.00hrs

There shall be no amplified sound or any amplified music at any time within the units.

Reason - In interests of residential amenity in order to reduce noise and general disturbance in accordance with saved policy DC26 of the Unitary Development Plan for the City of Manchester and policies SP1 and DM1 of the Core Strategy.

31) The commercial units as shown on drawing DAST-HBA-00-00-DR-A-PL20_0100 Rev P1 stamped as received by the City Council, as Local Planning Authority, on the 19 May 2020, shall remain as separate units and shall not be sub divided or amalgamated without the benefit of planning permission being secured.

Reason- In the interests of residential amenity and to ensure the future viability and vitality of the commercial units pursuant to saved policy DC26 of the Unitary Development Plan for the City of Manchester and policies DM1, C5 and SP1 of the Manchester Core Strategy.

32) The commercial units, as indicated on DAST-HBA-00-00-DR-A-PL20_0100 Rev P1 stamped as received by the City Council, as Local Planning Authority, on the 19 May 2020, can be occupied as A1, A2, A3 or A4 and D1 (excluding a place of worship). and for no other purpose of The Town and Country Planning (Use Classes) Order 1987 (or any order revoking and re-enacting that Order with or without modification). The first use of the commercial unit to be implemented shall thereafter be the permitted use of that unit

Reason - For the avoidance of doubt and in order to secure a satisfactory form of development due to the particular circumstance of the application site, ensuring the vitality of the units and in the interest of residential amenity, pursuant policy DM1 of the Core Strategy for Manchester .

33) In the event that any of the commercial units, as indicated on drawing DAST-HBA-00-00-DR-A-PL20_0100 Rev P1 stamped as received by the City Council, as Local Planning Authority, on the 19 May 2020 are occupied as Use Class A3 or A4, prior to their first use the following details must be submitted and agreed in writing by the City Council, as Local Planning Authority. These details are as follows:

- Management of patrons and control of external areas. For the avoidance of doubt this shall include:
  - o Dispersal policy;
  - o Mechanism for ensuring windows and doors remain closed after 9pm

The approved scheme shall be implemented upon first use of the premises and thereafter retained and maintained.

Reason - To safeguard the amenities of nearby residential occupiers as the site is located in a residential area, pursuant to policies SP1, DM1 and C10 of the Manchester Core Strategy and to saved policy DC26 of the Unitary Development Plan for Manchester.

34) Notwithstanding the provisions of the The Town and Country Planning (General Permitted Development) (Amendment) (England) Order 2015 (or any order revoking and re-enacting that Order with or without modification) no part of the residential element of the building shall be used for any other purpose (including any other purpose in Class C3 of the Schedule to the Town and Country Planning (Use Classes) Order 1987 as amended by The Town and Country Planning (Use Classes) (Amendment) (England) Order 2015, or in any provision equivalent to that Class in any statutory instrument revoking and re-enacting that Order with or without modification) other than the purpose(s) of C3(a). For the avoidance of doubt, this does not preclude two unrelated people sharing a property.

Reason - In the interests of residential amenity, to safeguard the character of the area and to maintain the sustainability of the local community through provision of accommodation that is suitable for people living as families pursuant to policies DM1 and H11 of the Core Strategy for Manchester and the guidance contained within the National Planning Policy Framework.

35) Notwithstanding the provisions of the Town and Country Planning (General Permitted Development) Order 2015 as amended by The Town and Country Planning (General Permitted Development) (Amendment) (England) Order 2010 (or any order revoking and re-enacting that Order with or without modification) the apartments hereby

approved shall be used only as private dwellings (which description shall not include serviced apartments/apart hotels or similar uses where sleeping accommodation (with or without other services) is provided by way of trade for money or money's worth and occupied by the same person for less than ninety consecutive nights) and for no other purpose (including any other purpose in Class C3(a) of the Schedule to the Town and Country Planning (Use Classes) Order 1987 as amended by The Town and Country Planning (Use Classes) (Amendment) (England) Order 2010, or in any provision equivalent to that Class in any statutory instrument revoking and re-enacting that Order with or without modification) other than the purpose(s) of C3(a).

Reason - To safeguard the amenities of the neighbourhood by ensuring that other uses which could cause a loss of amenity such as serviced apartments/apart hotels do not commence without prior approval; to safeguard the character of the area, and to maintain the sustainability of the local community through provision of accommodation that is suitable for people living as families pursuant to policies DM1 and H11 of the Core Strategy for Manchester and the guidance contained within the National Planning Policy Framework.

36) The development shall be carried out in accordance with the Crime Impact Statement prepared by Design for Security at Greater Manchester Police stamped as received by the City Council, as Local Planning Authority, on the 19 May 2020. The development shall only be carried out in accordance with these approved details. Prior to the first occupation of each phase of the development (save for the enabling works phase) the Council as Local Planning Authority must acknowledge in writing that it has received written confirmation of a Secured by Design accreditation.

Reason - To reduce the risk of crime pursuant to policies SP1 and DM1 of the Core Strategy and to reflect the guidance contained in the National Planning Policy Framework.

37) The development hereby approved shall be carried out in accordance with the Framework Travel Plan stamped as received by the City Council, as Local Planning Authority, on the 19 May 2020.

In this condition a Travel Plan means a document which includes:

i) the measures proposed to be taken to reduce dependency on the private car by those living at the development;
ii) a commitment to surveying the travel patterns of residents/staff during the first three months of the first use of the building and thereafter from time to time
iii) mechanisms for the implementation of the measures to reduce dependency on the private car
iv) measures for the delivery of specified Travel Plan services
v) measures to monitor and review the effectiveness of the Travel Plan in achieving the objective of reducing dependency on the private car

Within six months of the first occupation of each phase (save for the enabling works phase), a Travel Plan for that phase which takes into account the information about travel patterns gathered pursuant to item (ii) above shall be submitted for approval in writing by the City Council as Local Planning Authority. Any Travel Plan which has been approved by the City Council as Local Planning Authority shall be implemented in full at all times when the development hereby approved is in use.

Reason - To assist promoting the use of sustainable forms of travel for residents, pursuant to policies T1, T2 and DM1 of the Manchester Core Strategy (2012).

38) Prior to the first occupation of the residential element within each phase of the development (save for the enabling works phase) details of the cycle provision for that phase, shall be submitted for approval in writing by the City Council, as Local Planning Authority.

The approved details for that phase shall then be implemented prior to the first occupation of the residential element within that phase and thereafter retained and maintained in situ.

Reason - To ensure there is sufficient cycles stand provision at the development and the residents in order to support modal shift measures pursuant to policies SP1,T1, T2 and DM1 of the Manchester Core Strategy (2012).

39) Prior to the first occupation of the residential element within each phase of the development hereby approved (save for the enabling works phase), details of disabled car parking provision for that phase shall be submitted for approval in writing. The approved details shall then be implemented prior to the first occupation of the residential element within each phase and remain in situ for as long as the development remains in use.

Reason - To ensure sufficient car parking is available for disabled occupants of the development pursuant to policies SP1, T1, and DM1 of the Manchester Core Strategy (2012).

40) Prior to the first occupation of the residential element of each phase (save for the enabling works phase) the car parking layout for that phase as indicated on drawing DAST-HBA-00-00-DR-A-PL20_0100 Rev P1 stamped as received by the City Council, as Local Planning Authority, on the 19 May 2020 shall be implemented and made available. The car parking shall remain available for as long as the residential element remains in use.

Reason - To ensure sufficient car parking is available for the occupants of the office element of the development pursuant to policies SP1, T1, and DM1 of the Manchester Core Strategy (2012).

41) Prior to the first occupation of the residential element of each phase (save for the enabling works phase), a scheme of highway works and details of footpaths reinstatement/public realm for that phase shall be submitted for approval in writing by the City Council, as Local Planning Authority.

For the avoidance of doubt this shall include the following:

- Narrowing of footway along Dantzic Street;
- Amendments to on street parking controls to Dantzic Street and Gould Street;
- Introduction of speed restrictions and traffic calming measures to Dantzic Street and Gould Street;
- Introduction of on street disabled car parking and car club bay,
- Creation of means of access, tactile paving, kerb upstands and other improvement and alterations to the public realm;
- Vehicular controls to Bromley Street;
- Footway improvement and reinstatement works;

- Installation of street trees; and
- Cycle provision within Dantzic Street.

The approved scheme for each phase shall be implemented and be in place prior to the first occupation of the residential element of each phase and thereafter retained and maintained in situ.

Reason - To ensure safe access to the development site in the interest of pedestrian and highway safety pursuant to policies SP1, EN1 and DM1 of the Manchester Core Strategy (2012).

42) Notwithstanding the TV Reception Survey, stamped as received by the City Council, as Local Planning Authority, on the 19 May 2020, within one month of the practical completion of each phase (save for the enabling works phase), and at any other time during the construction of the development if requested in writing by the City Council as Local Planning Authority, in response to identified television signal reception problems within the potential impact area a study to identify such measures necessary to maintain at least the pre-existing level and quality of signal reception identified in the survey carried out above for that phase shall be submitted for approval in writing by the City Council, as Local Planning Authority. The measures identified must be carried out either before each phase is first occupied or within one month of the study being submitted for approval in writing to the City Council as Local Planning Authority, whichever is the earlier.

Reason - To provide an indication of the area of television signal reception likely to be affected by the development to provide a basis on which to assess the extent to which the development during construction and once built, will affect television reception and to ensure that the development at least maintains the existing level and quality of television signal reception - In the interest of residential amenity, as specified in policy DM1 of Core Strategy.

43) Prior to the first occupation of the residential element, the installation 5 7kw fast charging electric car charging points, as shown on drawing DAST-HBA-00-00-DR-A-PL20_0100 Rev P1 stamped as received by the City Council, as Local Planning Authority, on the 19 May 2020, shall be implemented and remain available for as long as the development is in.

Reason - In the interest of air quality pursuant to policies SP1 and EN16 of the Manchester Core Strategy (2012).

44) Prior to the first occupation of each phase (save for the enabling works phase), details of bird and bat boxes to be provided (including location and specification) in that phase shall be submitted for approval in writing by the City Council, as Local Planning Authority. The approved details shall then be implemented within a timescale to be agreed in writing with the City Council, as Local Planning Authority.

Reason - To provide new habitats for birds and bats pursuant to policies SP1 and EN15 of the Manchester Core Strategy (2012).

45) Notwithstanding the General Permitted Development Order 2015 as amended by the Town and Country Planning (Permitted Development and Miscellaneous Amendments) (England) (Coronavirus) Regulations 2020 or any legislation amending or replacing the same, no further development in the form of upward extensions to the

building shall be undertaken other than that expressly authorised by the granting of planning permission.

Reason - In the interests of protecting residential amenity and visual amenity of the area in which the development in located pursuant to policies DM1 and SP1 of the Manchester Core Strategy.

46) Prior to the first occupation of each phase of the development (save for the enabling works phase) a signage strategy for the entire buildings within that phase shall be submitted for approval in writing by the City Council, as Local Planning Authority. The signage strategy will include timescales for implementation. The approved strategy shall then be implemented for that phase and used to inform any future advertisement applications for the building.

Reason - In the interest of visual amenity pursuant to policies SP1 and DM1 of the Manchester Core Strategy (2012).

47) All windows at ground level, unless shown otherwise on the approved drawings detailed in condition 2, shall be retained as a clear glazed window opening at all times and views into the premises shall not be screened or obscured in any way.

Reason - The clear glazed window(s) is an integral and important element in design of the ground level elevations and are important in maintaining a visually interesting street-scene consistent with the use of such areas by members of the public, and so as to be consistent with saved policy DC14 of the Unitary Development Plan for the City of Manchester and policies SP1 and DM1 of the Core Strategy.

48) The development hereby approved shall include for full disabled access to be provided to the internal courtyard and communal walkways and via the main entrances and to the floors above.

Reason - To ensure that satisfactory disabled access is provided by reference to the provisions Core Strategy policy DM1.

49) Prior to the first occupation of each phase of the development (save for the enabling works phase), a strategy to minimise solar glare to the adjacent railway for that phase shall be submitted for approval in writing by the City Council, as Local Planning Authority. The approved strategy shall be implemented upon first occupation of that phase of the development and remain in use at all times.

Reason - In the interest of public safety for users of the adjacent railway pursuant to policy DM1 of the Manchester Core Strategy (2012).

Informatives

Building Regulations 2010
This permission does not grant approval under Building Regulations.

Street Naming & Numbering Requirements
Manchester City Council is responsible for allocating street naming and numbering within Manchester for new developments or property conversions. Individuals or businesses are not permitted to allocate their own property numbers, building or street names.

If your development includes the creation of new dwellings (either new build or conversion of existing buildings), creation of new commercial properties or the subdivision of existing properties you must ensure that you request new or changes to addresses through us so they can be officially allocated and registered in accordance with the Public Health Act 1925 Sections 17-19 & Greater Manchester Act 1981 Section 22.

Failure to do this may result in difficulties for the developer/occupier when requiring services such as connections to utilities, phone lines and postal services and may delay your development.

You can apply online at the following address:
http://www.manchester.gov.uk/info/100011/roads_parking_and_transport/1988/naming_and_numbering_of_houses_buildings_streets_and_roads/2

Mining Information
The proposed development lies within an area which could be subject to current coal mining or hazards resulting from past coal mining. Please read the Standing Advice from the Coal Authority in Appendix A.

- The developer or crane operator must contact Manchester Airports Control of Works Office at least 21 days in advent of intending to erect a crane or other tall construction equipment on the site. This is to obtain a tall equipment permit and to ascertain if any operating restrictions would be required. Any operating restriction that are subsequently imposed by Manchester Airport must be fully complied with.

- With a development of a certain height that may/will require use of a tower crane, the developer must bear in mind the following. Tower crane usage adjacent to railway infrastructure is subject to stipulations on size, capacity etc. which needs to be agreed by Network Rail's Asset Protection prior to implementation. Tower cranes have the potential to topple over onto the railway; the arms of the cranes could over-sail onto Network Rail air-space and potentially impact any over-head lines, or drop materials accidentally onto the existing infrastructure. Crane working diagrams, specification and method of working must be submitted for review and agreement prior to work(s) commencing on site.

- Network Rail will need to review and agree all excavation and earthworks to determine if the works impact upon the support zone of our land and infrastructure as well as determining relative levels in relation to the railway. Network Rail would need to agree to the following:

o Alterations to ground levels
o De-watering works
o Ground stabilisation works

Network Rail would need to review and agree the methods of construction works on site to ensure that there is no impact upon critical railway infrastructure. No excavation works are to commence without agreement from Network Rail.

Alterations in loading within proximity of the railway boundary must be agreed with Network Rail.

- Soakaways, as a means of storm/surface water disposal must not be constructed near / within 20 metres of Network Rail's boundary or at any point which could adversely affect the stability of Network Rail's property. Once water enters a pipe it becomes a controlled source and as such no water should be discharged in the direction of the railway.

Storm/surface water must not be discharged onto Network Rail's property or into Network Rail's culverts or drains.

Suitable drainage or other works must be provided and maintained by the developer to prevent surface water flows or run-off onto Network Rail's property.

Proper provision must be made to accept and continue drainage discharging from Network Rail's property.

Suitable foul drainage must be provided separate from Network Rail's existing drainage.

Drainage works could also impact upon culverts on developers land.
Water discharged into the soil from the applicant's drainage system and land could seep onto Network Rail land causing flooding, water and soil run off onto lineside safety critical equipment / infrastructure; or lead to de-stabilisation of land through water saturation.

- To note are:

The current level of railway usage may be subject to change at any time without prior notification including increased frequency of trains, night time train running, heavy freight trains, trains run at weekends /bank holidays.

Maintenance works to trains could be undertaken at night and may mean leaving the trains' motors running which can lead to increased levels of noise and vibration.

Network Rail also often carry out works at night on the operational railway when normal rail traffic is suspended and often these works can be noisy and cause vibration.

Network Rail may need to conduct emergency works on the existing operational railway line and equipment which may not be notified to residents in advance due to their safety critical nature, and may occur at any time of the day or night, during bank holidays and at weekends.

Works to the existing operational railway may include the presence of plant and machinery as well as vehicles and personnel for project or emergency works.

The proposal should not prevent Network Rail from its statutory undertaking. Network Rail is a track authority. It may authorise the use of the track by train operating companies or independent railway operators, and may be compelled to give such authorisation. Its ability to respond to any enquiries regarding intended future use is therefore limited.

- The scope and duration of any Noise and Vibration Assessments may only reflect the levels of railway usage at the time of the survey.

o Any assessments required as a part of CDM (Construction Design Management) or local planning authority planning applications validations process are between the developer and their appointed contractor.
o Network Rail cannot advise third parties on specific noise and vibration mitigation measures. Such measures will need to be agreed between the developer, their approved acoustic contractor and the local planning authority.
o Design and layout of proposals should take into consideration and mitigate against existing usage of the operational railway and any future increase in usage of the said existing operational railway.

- The developer is to submit directly to Network Rail, a Risk Assessment and Method Statement (RAMS) for all works to be undertaken in proximity of the operational

railway under Construction (Design and Management) Regulations, and this is in addition to any planning consent. Network Rail would need to be re-assured the works on site follow safe methods of working and have also taken into consideration any potential impact on Network Rail land and the existing operational railway infrastructure. Review and agreement of the RAMS will be undertaken between Network Rail and the applicant/developer. The applicant /developer should submit the RAMs directly to:

- As the proposal includes works which may impact the existing operational railway and in order to facilitate the above, a BAPA (Basic Asset Protection Agreement) will need to be agreed between the developer and Network Rail. The developer will be liable for all costs incurred by Network Rail in facilitating this proposal, including any railway site safety costs, possession costs, asset protection costs / presence, site visits, review and agreement of proposal documents and any buried services searches. The BAPA will be in addition to any planning consent.

The applicant / developer should liaise directly with Asset Protection to set up the BAPA.

For major works / large scale developments an Asset Protection Agreement will be required with further specific requirements.

AssetProtectionLNWNorth@networkrail.co.uk

Date: 15 January 2021

Signed: 

Julie Roscoe
Director of Planning, Building Control & Licensing

Manchester City Council, P O Box 532, Town Hall, Manchester M60 2LA

Notes

1. This permission refers only to that required under the Town and Country Planning Act 1990 does not include any consent or approval under any other enactment, byelaw, order or regulation.

2 If the applicant is aggrieved by the decision of the local planning authority to refuse permission or approval for the proposed development, or to grant permission or approval subject to conditions, they may appeal to the Secretary of State in accordance with Section 78(1) of the Town and Country Planning Act 1990 within six months of the date of the notice of the decision.

The Planning Inspectorate have introduced an online appeals service that can be used to make appeals online. This service is available through the gov.uk website – www.gov.uk/planning-inspectorate. The Inspectorate will publish details of your appeal on the internet. Alternatively If you are unable to access the online appeal form, please contact the Planning Inspectorate to obtain a paper copy of the appeal form on tel: 0303 444 5000.

The Secretary of State has power to allow a longer period for the giving of a notice of appeal but they will not normally be prepared to exercise this power unless there are special circumstances that excuse the delay in giving notice of appeal.

If you intend to submit an appeal that you would like examined by inquiry then you must notify the City Council (planning@manchester.gov.uk) and the Planning Inspectorate (inquiryappeals@planninginspectorate.gov.uk) at least 10 days before submitting the appeal. Further details are on GOV.UK.

3. The statutory requirements are those set out in Section 79(6) of the Town and Country Planning Act 1990, namely Sections 70(1) and 72(1) of the Act.

4. If either the local planning authority of the Secretary of State refuses permission to develop land or grants it subject to conditions, the owner may claim that they can neither put the land to a reasonably beneficial use in its existing state nor render the land capable of a reasonably beneficial use by the carrying out of any development which has been or would be permitted.

In these circumstances, the owner may serve a purchase notice on the Council in whose area the land is situated. This notice will require the Council to purchase his interest in the land in accordance with the provisions of Part VI of the Town and Country Planning Act 1990

5. In certain circumstances, a claim may be made against the local planning authority for compensation, where permission is refused or granted subject to conditions by the Secretary of State on appeal or on a reference of the application to them. The circumstances in which such compensation is payable are set out in Section 114 of the Town and Country Planning Act 1990.

Right of challenge on planning application decision

A third party does not have a right of appeal against a decision on a planning application. Instead there is a right of challenge (a Judicial Review) which is limited to lawfulness of the procedure that we have taken in coming to that decision.

Any challenge must be based on the following and not the merit of the decision:

- Procedural irregularity
- Irrationality
- Illegality

Any application for permission to bring such a challenge (which is through the High Court) must be made within 6 weeks of the date of the decision being issued.

Appendix A

The Coal Authority

Any Planning Enquiries should be directed to:

Planning and Local Authority Liaison

Telephone: 01623 637 119
Email: planningconsultation@coal.gov.uk
Website: www.gov.uk/government/organisations/the-coal-authority

STANDING ADVICE - DEVELOPMENT LOW RISK AREA

The proposed development lies within a coal mining area which may contain unrecorded coal mining related hazards. If any coal mining feature is encountered during development, this should be reported immediately to the Coal Authority on 0345 762 6848.

Further information is also available on the Coal Authority website at:
www.gov.uk/government/organisations/the-coal-authority

This Standing Advice is valid from 1st January 2021 until 31st December 2022

Appendix B Remediation Strategy.

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LAND SOUTH OF DANTZIC STREET (KNOWN AS VICTORIA RIVERSIDE), MANCHESTER

REMEDIATION STRATEGY

Job Number: LKC 21 1194
Date: April 2021
Client: Henry Construction Projects Ltd



INCREASING LAND VALUE

LK GROUP

LK Consult Document Verification			
Site Address	Land South of Dantzic Street (known as Victoria Riverside), Strangeways, Manchester, M4 4EJ.		
Report Title	Remediation Strategy		
Job Number	LKC 21 1194	**Document Ref.**	CL-602-LKC 21 1194-01
Date Issued	April 2021	**Report Version**	R0
Prepared By	Peter Dunn		
Reviewed By	Chris Hughes		

Revision Record			
Revision No.	**Date**	**Nature of Revision**	**Approved By**

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Appendix B: Enabling Works ‘Cut & Fill’ Drawings

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1 INTRODUCTION

1.1 Background

LK Consult Ltd (LKC) has been commissioned by Henry Construction Projects Ltd to provide a Remediation Strategy for Land South of Dantzic Street (known as Victoria Riverside), Manchester.

The Remediation Strategy is required to determine the work necessary in order to ensure the site is "suitable for use" for the proposed residential development with regards to potential contaminated land pollutant linkages.

A summary of the site details is presented in Table 1-1. Figures 1 and 2 indicate the site location and boundary. The proposed development, with areas of soft landscaping are shown on Planit I.E Ltd Drawing 1768.1_PLA-XX-XX-DR-L-0005 P09 in Appendix A.

Location	North of Manchester City Centre, to the east of Victoria Station. South of Dantzic Street. Centred at approximate National Grid Reference 384531E 399375N.
Area	Approximately 0.96 hectares.
Topography	Approximately 35 metres Above Ordnance Datum (AOD). Site is approximately level, sloping down towards the north west.
Land Use	Site -Site comprises rough unsurfaced land with a central roadway. Surrounding Area Comprises derelict building and car parking to the east and car parking and industrial units to the north. The train line viaduct borders the site on the south with car parking and industrial units beyond
Proposed Development	Three towers of residential apartments and two blocks of townhouses, with communal landscape area and underground car parking.

Table 1-1 : Summary of site details.

1.2 Previous Reports

The following reports have previously been undertaken on the site by LKC and should be read in conjunction with this Remediation Strategy:

- Preliminary Risk Assessment (PRA) report, undertaken by LKC (Ref: LKC 19 1267-01, dated 20th September 2019).
- Stage 1 Site Investigation Factual Report, undertaken by LKC (LKC 19 1267-02 R0, dated 27th September 2019).
- Phase 2 Geo-Environmental Investigation, Risk Assessment and Remediation Strategy, undertaken by LKC (LKC 19 1267-02 R1, dated November 2019).

1.3 Summary of Previous Work

The site history, site description and environmental setting is described in the LKC Preliminary Risk Assessment and pertinent information is summarised in Table 1-2 below:

History:	Industrial buildings, residential properties and roads present from 1891 mapping. Majority of site replaced by Rubber works by 1922 mapping, annotated 'Works' from 1980 mapping, no longer present from 2003 mapping.
Geology / Hydrogeology:	Made ground across the site. Boulder Clay/Till across S half of the site (Secondary Undifferentiated Aquifer). Chester Formation Sandstone (Principal Aquifer).
Relevant Environmental Setting:	River Irk 13m SW. Nearest Pollution Incident 12m NW. Category 3 – Minor Incident. No surface water abstraction within 1km. Nearest groundwater abstraction 508m NW. Not within Source Protection Zone.
Preliminary Conceptual Model: **PL=Pollutant Linkage**	PL1 Direct Contact (Human Health): Low Risk (ACMs, Heavy Metals, hydrocarbons, Organic/Inorganic Contaminants); Low Risk (Mineral Oils, PCBs). PL2 Inhalation of Vapours: Low Risk (volatile contaminants). PL3 Gas: Low Risk (hazardous and ground gas). PL4 Controlled waters: Low Risk (mobile contaminants). PL5 Sulphate Attack: Low Risk (sulphate). PL6 Water Pipelines: Low Risk (organic contaminants). PL7 Phytotoxic: Low Risk (metals).
Recommendations:	Limited site investigation was recommended to further assess all the above pollutant linkages

The PRA concludes that there is a low-low/moderate risk from active pollutant linkages and a site investigation was recommended.

The Phase 2 investigation comprised six shallow window sample boreholes, seven 'deep' rotary cored boreholes, twelve trial pits, nine slot trenches (to locate services and foundations) and two soakaway tests.

The site investigation included in-situ geotechnical testing as well as geotechnical laboratory analysis. Chemical laboratory analysis (*inter alia* metals, PAHs, TPH, BTEX, and asbestos). was undertaken on soil samples collected. Five samples of made ground were also scheduled for WAC analysis to allow waste classification to be undertaken. Boreholes were installed with monitoring wells to allow groundwater level monitoring to be undertaken.

Ground conditions encountered during the investigation comprised made ground up to 3.9mbgl. Several areas of large relict foundations/ obstructions associated with the former, aborted, development were encountered. These comprised remnant piles and large concrete pads/bases. Relict foundations such as brick walls, floors, concrete and stone slabs associated with the site's former use were also encountered.

Made ground was a heterogeneous mixture of *'building rubble, plastic, glass, rebar, concrete, brick, scrap metal, wood, rags, etc'*, particularly prevalent near to relict structures.

Potentially putrescible components were noted locally in made ground across the site. No visual/olfactory evidence of hydrocarbon or volatile contaminants were noted, although a hydrogen sulphide type odour was encountered locally in some areas of the site.

Superficial deposits comprised orange to red SAND (probable weathered sandstone bedrock) from 2.2-2.6mbgl. This in turn was underlain by competent sandstone bedrock encountered from 2.6m to >10mbgl.

No groundwater strikes were encountered during the intrusive works. Subsequent monitoring identified groundwater levels at approximately 27mAOD across the site.

The proposed development is for a high rise residential development with limited communal soft landscaping. Therefore, the assessment criteria for residential without plant uptake was used for the risk assessment.

Of the fifteen soil samples collected, lead (5no.), Benzo(a)pyrene (2no.), naphthalene (1no.) and TPH from hazard quotient (1no.) were above assessment criteria. No asbestos was identified in any sample.

No gas monitoring or groundwater quality monitoring was undertaken due to a low risk considered in the PRA, based on the ground conditions and proposed development.

Based on the findings of the Phase 2 Geoenvironmental Investigation and Risk Assessment, the majority of the pollutant linkages were considered to be addressed by the general enabling works and design (cut & fill, tanking etc.) considered likely to be required for the site and therefore limited specific remediation was recommended.

Some ambiguity remained due to final design not having been confirmed at the site investigation stage. The LPA provided comments (refer to Section 1.4, below) requesting clarification once more detail of the scheme had been confirmed. An update to the pollutant linkages based on the updated scheme is included in Section 2 with remediation recommendations in Sections 3 & 4.

1.4 Regulator Comments

Comments from the 'Environmental Health' section of MCC in relation to the LKC Phase 2 site investigation report were provided to the Client's planner via email as follows:

> *"1. It has been stated that gas protection measures will not be required. This is based on a previous gas assessment of 3 rounds of monitoring 5 years ago. We will require the details of the initial gas monitoring investigation including a copy of any report used and also details of atmospheric pressure during monitoring to ensure assessment included periods of low and falling atmospheric pressure.*
> *2. A site wide strip to 3 metres below ground level are proposed as part of the development to create the basement car park. As such it has been confirmed that any contaminated material will be removed from site. If any of the current boundary land is to remain or reused, or areas of soft landscaping are not being removed as part of the surface dig then an updated risk assessment and potentially remediation report will be required to confirm the details of any necessary remediation in these areas.*
> *3. We will require a water supplier risk assessment to confirm the type of water supply pipe to be installed*"

1.5 Aims and Objectives

In order to achieve the aims of the Remediation Strategy, the following objectives will be set:

- Maximise sustainability through the use re-use of existing site-won materials during ground works and development.
- Ensure that the design meets with current environmental and waste legislation.
- Use of appropriate environmental controls during the remediation and development programme.
- Segregate and stockpile differing materials for validation testing and appropriate re-use or offsite disposal.

The site remediation works will should include the treatment / removal / processing of geotechnical constraints to the proposed development including relic foundations and hardstanding. However, this is considered out with the scope of this Remediation Strategy.

2 FURTHER ASSESSMENT OF POLLUTANT LINKAGES

Following refinement of the development design and the comments received from MCC EH department, further consideration/ update to relevant pollutant linkage is considered necessary.

Current good practice requires that the findings from a site investigation should be evaluated on a site-specific basis, using a risk-based approach. Risk assessment involves identification and evaluation of the hazards presented by the concentrations of contaminants measured followed by an evaluation of the risks which are associated with these hazards (LMRM[1]).

2.1 Pollutant Linkage 1 (Direct Contact)

Elevated PAHs, based on Benzo(a)pyrene as a surrogate marker, and metals (lead) have been identified on site, given the number and location of elevated samples, the contamination is considered to be site wide within the made ground.

The source of the contamination is expected to the ash, clinker, pottery and timber noted in the made ground.

At the concentrations identified, the contaminants are considered to pose a potential risk to future site users (residents) in soft landscaped areas, where made ground may be exposed. The principal pathways are the ingestion pathways (soil and dust) and dermal contact.

While individual TPH band elevations were reported the combined Hazard Quotient in ST8 (0.10-1.10m) is >1, indicating a potential risk.

Based on the above assessment, the probability of PAH, metal and heavy end hydrocarbon contamination affecting site users is likely. With a medium consequence, the risk is considered to be moderate and remediation (clean cover soils in soft landscaping) is recommended.

2.2 Pollutant Linkage 2 (Inhalation of Vapours)

Elevated naphthalene and combined petroleum hydrocarbons were identified in ST8 (0.10-1.10m, approximately 29.46mAOD). The elevated concentrations are associated with the backfilling material around the relict foundations. These contaminants may pose a risk to site users via the inhalation of vapours.

The elevated concentrations are within a horizon of made ground used as back fill above the recent abandoned foundations and identified to contain ‘occasional timber’. The concentrations may be attributable to made ground containing general waste (wood, metal, plastic, etc) within the local area. Made ground will be grubbed out as part of enabling works. Such material is likely to be removed as part of enabling works and reduced levels, thereby removing most of the source of potential volatile contaminants. The site enabling works fill level plan and cross sections are included in Appendix B. .

In addition, it is understood that the development will include underground parking, bike storage and plant rooms. Examples of waterproof design for the development in included on construction details drawings included in Appendix C. It is considered that tanking required for waterproofing, combined with ventilation requirements will provide sufficient vapour protection.

[1] Land Contamination Risk Management (LCRM) https://www.gov.uk/government/publications/land-contamination-risk-management-lcrm

2.3 Pollutant Linkage 3 (Hazardous Gas)

Gas monitoring was not undertaken during the site investigation. A low risk was identified in the preliminary contamination conceptual model for gas (pollutant linkage 3). A previous investigation undertaken in 2015 by CC Geotechnical reported:

> *"From the 3no. gas monitoring visits included in the report recorded no methane within the boreholes and a maximum concentration of carbon dioxide 1.5%v/v. Maximum flow was recorded as <0.1l/hr. A worst-case gas screening value of 0.015l/hr was calculated for CO_2…However, if the composition and flow rate remain consistent with those recorded to date, gas protection will not be required in future buildings*."

Relevant extracts of gas monitoring data from the CCG report are included in Appendix D. Data indicates the site should be considered Characteristic Situation 1 and no specific gas protection is required.

While organic/ potentially putrescible made ground was encountered during the site investigation works, the majority of this material is shallow and likely to be removed as 'unsuitable for reuse' as part of enabling works under a watching brief.

The conceptual model for the site identified the main potential source of ground gases as potentially putrescible material within the made ground. As described in the SI report, the enabling works will comprise grubbing out of in-ground structures and replacing material as engineered fill. Wilson and Card et al[2] states:

> *"…high concentrations of methane are normal in engineered fill containing silts or clays, and that it did not pose a hazard to structures (California Environmental Protection Agency, 2012)…methane gas testing on hundreds of earthworks projects …found the soils in cut areas did not contain methane, but material from cuttings that was placed as engineered fill contained high concentrations of gases consistently exhibiting microbial characteristics (up to 40% methane)…the high methane poses no risk to buildings constructed on the fill."*

The proposed enabling works and ground conditions at the site are analogous with the above scenario.

Moreover, as described in Section 2.2, the development includes car parking, bike parking, and plant rooms which require water proof tanking which should be adequately ventilated. This is considered more than suitable protection from ground gases at the site.

Based on the above, a watching brief and removal of unsuitable 'general waste' and putrescible material as part of the enabling works is considered suitable when combined with proposed waterproofing (refer to drawings in Appendix C) and no specific gas protection is required.

2.4 Potable Water Supply (Pollutant Linkage 4)

Elevated concentrations of petroleum hydrocarbons and TVOCs were identified during the SI. Once details of the pipeline location and depths are known, a UU Risk Assessment should be undertaken and additional testing may be required.

Barrier pipe may be required.

[2] Geoff Card, GB Card and Partners; James Lucas, The Environmental Protection Group; and Steve Wilson, EPG "Technical paper: Risk and reliability in gas protection design – 20 years on" (August 2019).

2.5 Summary of remediation and validation requirements

LKC consider the remediation works may be spilt in to the 'pre-construction' (or enabling works) phase and the 'build phase' (i.e. during the development works) phase.

The following earthworks, remediation and validation required for this site are presented in Table 2-1. More detail of proposed works will be provided in the following Sections.

Phase	PL	Remediation Requirements	Validation Requirements
Pre-Construction	**ALL**	Earthworks Inspections / Unexpected Contamination The relevant contractors should be briefed that during development works at the site should any unusual ground conditions and / or visual or olfactory evidence of contamination (including asbestos containing material) be encountered at the site, LKC and the Local Authority should be informed, and further assessment of the material may be required. Material should be stockpiled and quarantined on visqueen and covered.	Log of work undertaken including photographs. Details of any sampling undertaken and validation of any potential additional remedial work.
Build Phase Construction	**2 & 3**	Gas & Vapour Protection Measures Removal of general waste in made ground and areas of geotechnically unsuitable putrescible material. Suitable waterproofing and ventilation as per design drawings.	Supply and review of foundation designs. Photographic evidence of enabling works.
	1	Environmental Cover System 450mm thick environmental cover system comprising: **Either** 100mm physical break layer (MOT type 1 material, 20-30mm, minimal fines) and at least 350mm comprising clean inert fill and sufficient topsoil for a growing medium. **Or** geotextile membrane and at least 450mm comprising clean inert fill and sufficient topsoil for a growing medium.	Measuring depth of environmental cover system using a staff and providing photographic evidence. Photographic evidence of the granular physical break or geotextile layer will also be collected. Chemical validation of imported soils: See Section 5.3.
	4	Potable Water Pipes It is recommended that a Water Pipeline Assessment is undertaken once the location and depth of potable water pipes are known. It is likely that barrier pipe will be required.	Delivery Notes of Pipe Material or Photographs of the Installed Pipe.

Table 2-1: Remediation and validation requirements
Note: PL = Pollutant Linkage

3 SITE WIDE CONSIDERATIONS

3.1 Construction Management Plan and Health and Safety

A Construction Management Plan and Method Statement should be produced which details appropriate Health and Safety measures to be employed during the site works.

Risks to site workers and adjacent receptors from contamination present in the site soils can be easily mitigated by good environmental management of the site during site works. Standard health and safety precautions (as per HSE guidance[3]) should be adopted by all workers involved with site enabling and construction works.

3.2 Asbestos Management

Despite no ACM being identified during the site investigation there remains a risk from asbestos in made ground . It is recommended that additional precautions are taken during site clearance, earthworks and construction in the area of concern. The presence of asbestos in the made ground at the site presents a potential risk of generation of airborne fibres if this material is disturbed, such as for excavations to construct new foundations.

This risk can be managed by careful procedures and site monitoring to reduce the risk of airborne fibres, such as wetting techniques and it is recommended that an appropriate 'Asbestos Management Strategy' is developed if encountered during the works and adopted for all intrusive ground works which disturb the made ground in the area of concern. This should be carried out in line with CIRIA C733.

This may include asbestos awareness training for all site staff, provision of suitable personal and respiratory protective equipment and air monitoring.

With regards to cement bound asbestos, this can be handpicked, doubled bagged and disposed of appropriately to a licenced landfill. Guidance on removing asbestos cement is described in HSE (2012).

If ACM is identified in soil arisings then soil should be placed directly into covered skips and disposed of at a suitable licenced landfill, after further testing to quantify the extent of asbestos contamination of the soils. It should be considered that blue asbestos is notifiable (if present) and must be removed by a licenced contractor.

Given that visible pieces of ACM were identified in TP104, TP18 and TP112, it is recommended that hand picking of the ACM is undertaken in these areas. The ACM should be doubled bagged and disposed of accordingly.

3.3 Earthworks Inspection/ Unexpected Contamination (Watching Brief)

The relevant contractors should be briefed that during development works at the site should any unusual ground conditions and / or visual or olfactory evidence of contamination (including asbestos containing material) be encountered at the site, a suitable geo-environmental consultant and the Local Authority should be informed, and further assessment of the material may be required.

Any soils deemed to be impacted by contamination based on visual / olfactory evidence should be excavated and removed. Impacted soils should be placed on an impermeable surface to await removal from site (this may be subject to chemical testing to confirm suitable waste facility) or further treatment. The work should be done under the supervision and instruction of an environmental consultant.

[3] HSE (1991). "Protection of Workers and the General Public During Development of Contaminated Land" London HMSO.

Soil samples will be taken and analysed for a suite of contaminants, including inter alia heavy metals, Soil Organic Matter, VOCs, SVOCs, BTEX, TPHCWG and asbestos. Soil samples should represent the impacted material. In order to determine that significantly impacted soils have been removed, verification samples will be collected from the base and sides of the excavation. If all impacted ground cannot be removed and contamination remains on the ground, further remediation may need to be considered.

Particular attention should be given to backfilling material around remnant foundations were made ground was noted to contain general waste with timber, metal, plastic, etc. This material should be picked and segregated into appropriate waste streams.

3.4 Materials Management

If materials are to be excavated and re-used on site or materials imported from another site a Materials Management Plan (MMP) will be required (depending upon the volume of material). This will refer to the proposed remedial and validation works as detailed in this document and set out the proposals for re-use, off-site disposal and proposed import of materials for the development. The MMP will be refined as required following approval of the remedial strategy and as the site works progress. This will be produced following the determination of the earthworks strategy and movement volumes by the contractor. This work will be underpinned by the CL:AIRE Code of Practice using a Qualified Person. Upon completion of the works a separate MMP validation report will be produced.

An appropriate permit will be required to allow processing of recycled aggregate and the deployment notification should be presented to the Local Authority prior to commencement.

Re-use of material should be compliant with appropriate legislation. A U1 Standard Rule Permit (U1 exemption) can be registered and allow up to 1,000 tonnes (approximately 600m cube) of non-hazardous soil, up to 5,000 tonnes (approximately 3,000m cube) of material within construction and up to 50,000 tonnes (approximately 25,000m cube) of bitumous and road sub-base in the construction of roads.

A T5 Standard Rule Permit (T5 exemption) allows the screening and recovery of 5,000 tonnes (approximately 3,000m cube) of material, such as concrete or brick for re-use in construction.

Sampling of all re-used / imported material should ensure material is ‘suitable for use’ and should not be classified as waste (see Table 5-1).

3.5 Grubbing Out In-ground Structures

Numerous obstructions were encountered during the investigation, ranging from shallow concrete and brick to obstructions present deeper within Made Ground. Relict features including concrete pile and large pads. It is recommended that in-ground structures are grubbed out as part of the groundworks.

Hard materials can be used to generate suitable aggregates for re-use on site as part of engineered made ground and/ or construction platforms (subject to geo-environmental testing and client design specifications).

3.6 Stockpile Management

Stockpiled material should be suitably managed. The source of each stockpile should be recorded and appropriate validation testing for the proposed re-use or potential offsite disposal should be undertaken as required. Depending on the nature of the material the potential for dust generation or release of asbestos fibres will be mitigated by dampening down and covering as required.

Material should be segregated by type and source. For example, construction / demolition arisings, site won topsoil and site won subsoil.

A quarantine area for suspect contaminated soils should established on site. This should comprise a Visqueen (or similar) lined area with a small bund to prevent run off and to minimise the risk of contaminating other areas of the site. The material should also be covered to minimise the generation of vapours, fibres, dust and possible nuisance to adjacent receptors, and to prevent rainwater ingress which may mobilise soluble contaminants.

3.7 Disposal

If any made ground or natural material is required to be removed from site this should be undertaken under an appropriate duty of care and the results of chemical analysis should be provided to a licensed landfill for confirmation of waste classification.

Waste records such as disposal tickets and waste carrier licences should be provided in the Site Completion Report.

The majority of the development site is considered non-hazardous waste with regards to disposal.

5 BUILD PHASE REMEDIATION WORKS

5.1 Introduction

The scope of the build phase remediation works will comprise the following:

- Validation of any imported material required to raise levels;
- Validation of subsoil and topsoil used in areas of soft landscaping;
- Inspection of environmental cover system thickness and construction;
- United Utilities risk assessment for potable water pipes and installation of barrier pipes, as required.

Further details are given in the following Sections. LKR recommend that the proposed works are prior approved by the regulators (and United Utilities, as required) prior to the commencement of construction works.

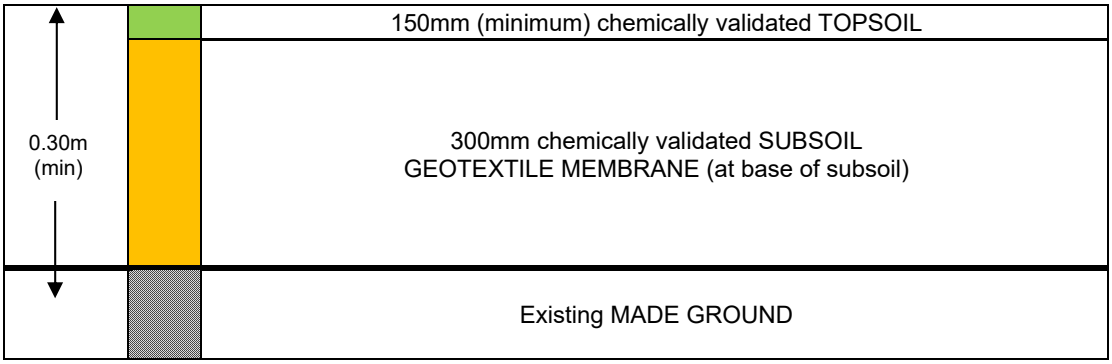
LKC recommend that the proposed works are prior approved by the regulators (and United Utilities, as required) prior to the commencement of construction works.

Once this strategy is approved, a Remediation Statement and Validation Checklist will be provided to the relevant parties on site which summarises the required remedial works and trigger points for inspections and validation works.

5.2 Environmental Cover Layer to Gardens and Soft Landscaping Areas

An environmental cover layer is required in all soft landscaping areas. There are no private gardens proposed and all soft landscaping will be shared and maintained. A cover layer should comprise a depth of at least 450mm in shared landscaping areas. A typical construction detail is provided below (the geotextile membrane can be substituted in favour of 100mm clean stone break layer).

SHARED LANDSCAPING



5.3 Validation of Subsoil, Topsoil and Physical Break Layer Materials

Chemical validation of all site won and any imported soils and any recycled stone to be used on site in the environmental capping layers and/ or infrastructure should be undertaken. Imported soils should be accompanied by a certificate of analysis and source details.

A summary of the required imported material sampling requirements are presented in Table 5-1.

Ideally, the material should be sampled at source to prevent double handling if soil fails, with confirmatory sampling undertaken on importation to site as per the Manchester City Council guidance.

Material Type	Source	Suite of Analysis	Sampling Rate (min. 3 per source) *		
			Garden	Landscape	Other **
Topsoil / subsoil / Fill material	Greenfield	Suite A	200m^3	200m^3	200m^3
	Remediated	Suite A / B dependent upon original SI	100m^3	150m^3	200m^3
	Brownfield / Unknown	Suite B	50m^3	150m^3	200m^3
Quarried Fill	First Generation i.e. quarried sand (subsoil) or stone (break layer)	No testing is required. Certification of material provenance is required.			

Table 5-1: Sampling requirements for imported soils.

Notes:

Suite A - Heavy metals, pH, water soluble sulphate, speciated PAH, soil organic matter and asbestos screen.

Suite B - Heavy metals, pH, water soluble sulphate, speciated PAH, phenol, total and free cyanide, soil organic matter, asbestos screen, banded petroleum hydrocarbons (TPH CWG), BTEX, MTBE.

** Other assumed to be stone / 6F2 etc.

Remedial targets will be based upon the following hierarchy:

- Category 4 Screening Levels (C4SLs).
- LQM Suitable 4 Use Levels (S4ULs).
- ATRISK Soil Screening Values (SSVs) and CL:AIRE Generic Assessment Criteria (GACs).

Where no C4SLs have been generated LKC will use the LQM S4ULs[4]. Similar assumptions and land uses to C4SLs have been used. However, toxicological information has been based on 'minimal risk' as per previous guidelines and assumptions[5,6,7,8].

If contaminants are not present as C4SLs and S4ULs then LKC will use ATRISK SSVs or CL:AIRE GACs[9]. These follow the 'minimal' risk principal and more stringent exposure parameters and will be conservative.

The proposed development comprises areas small areas of shared soft landscaping. Therefore, the assessment criteria for POS_{resi} soil criteria will be used for the environmental capping layer now final development layout has been confirmed

All criteria have been generated using the CLEA V1.06 model[10] based on 1%, 2.5% and 6% Soil Organic matter (SOM). Where appropriate, results will be compared to the nearest appropriate SOM.

Any soil with visual or olfactory evidence of hydrocarbons or asbestos containing material should be rejected.

In addition, it should be ensured that the matrix of the topsoil is suitable as a growing medium and no undesirable material is present (in line with BS3882[11]). This should be the responsibility of your designated soil supplier.

Validation testing certificates shall be collated and included in the Validation Report.

[4] LQM (2014). "The LQM/CIEH S4ULs for Human Health Risk Assessment."
[5] EA (2008). "Updated Technical Background to the CLEA Model." Science Report – SC050021/SR3.
[6] EA (2008). "Human Health Toxicological Assessment of Contaminants in Soils." Science Report – SC050021/SR2.
[7] EA (2008). "A Review of Body Weight and Height Data used within the Contaminated Land Exposure Assessment Model (CLEA)." Project SC050021/Technical Review 1.
[8] EA (2009). "Compilation of Data for Priority Organic Pollutants for Derivation of Soil Guideline Values." Science report SC050021/SR7.
[9] CL:AIRE (2009). "The Soil Generic Assessment Criteria for Human Health Risk Assessment."
[10] EA (2008). "CLEA Software (Version 1.05) Handbook." Science Report – SC050021/SR4.
[11] BS (2015). "Specifications for Topsoil and Requirements for use." BS3882:2015.

5.4 Capping Layer Depth Validation

Photographic evidence of the correct construction and appropriate depth of the capping layer shall be collected for inclusion in the Validation Report.

5.5 Potable Water Supply Pipes

A UU risk assessment should be completed once the pipe routes and depths are known. It is likely that barrier pipe will be required for some parts of the site.

In the likely event that barrier pipe is required, the risk assessment should be approved by UU prior to any installation works. It should be noted UU would not connect site potable pipework to the main supply unless satisfied the correct pipework had been installed.

For the purposes of the Validation Report photographs illustrating the installation of barrier pipe are recommended.

5.6 Reports

All the remediation and validation work should be documented in a Site Completion Report. The following Completion Reports will be provided to satisfy the outstanding contaminated land planning conditions:

- Pre-construction Phase Completion Report: Site level reduction details, offsite disposal information, findings of the watching brief, validation testing of site won materials for re-used, including any site generated subsoil to be used in soft landscaping.
- Build-phase Construction Completion Report: Gas membrane validation, validation testing of any imported topsoil, completion of UU potable water supply document and/or discussion with UU.

The aim of the completion reports will be to demonstrate to the Local Authority that the site has been suitably remediated to the extent that construction works may commence and, in accordance with the National Planning Policy Framework (NPPF)[12]:

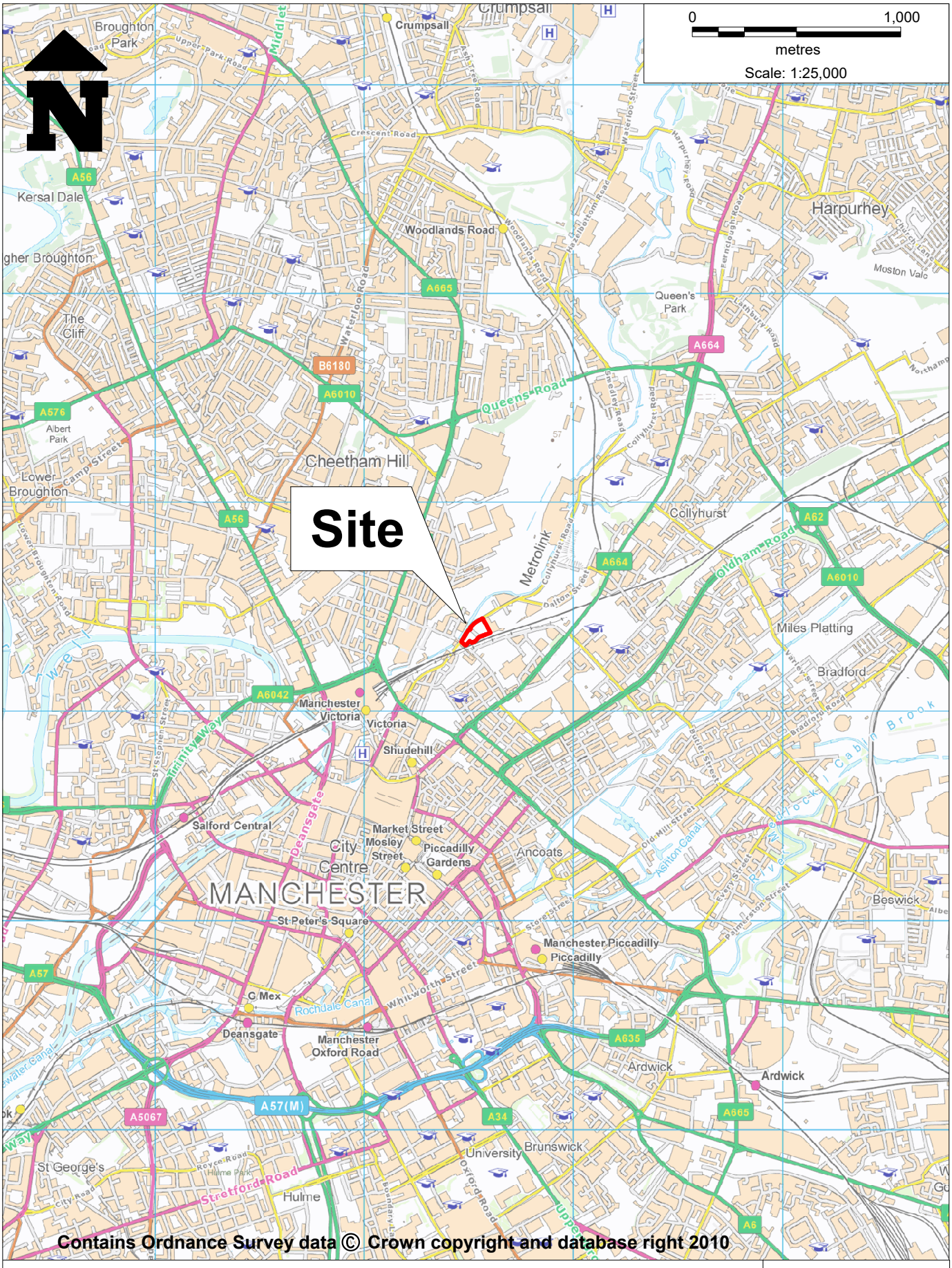
- The site is suitable for its new use taking account of ground conditions and land instability, including from natural hazards or former activities such as mining, pollution arising from previous uses and any proposals for mitigation including land remediation or impacts on the natural environment arising from that remediation;
- After remediation, as a minimum, land should not be capable of being determined as contaminated land under Part IIA of the Environmental Protection Act 1990[13]; and,
- Adequate site investigation information, prepared by a competent person, is presented.

Once the above is satisfied the Local Authority should be able to discharge all the relevant contaminated land conditions.

[12] DCL (2018). "National Planning Policy Framework." Department of Communities and Local Government.
[13] Defra (2006). "Environmental Protection Act 1990: Part 2A Contaminated land." Defra Circular 01/2006.

APPENDIX A

Drawings

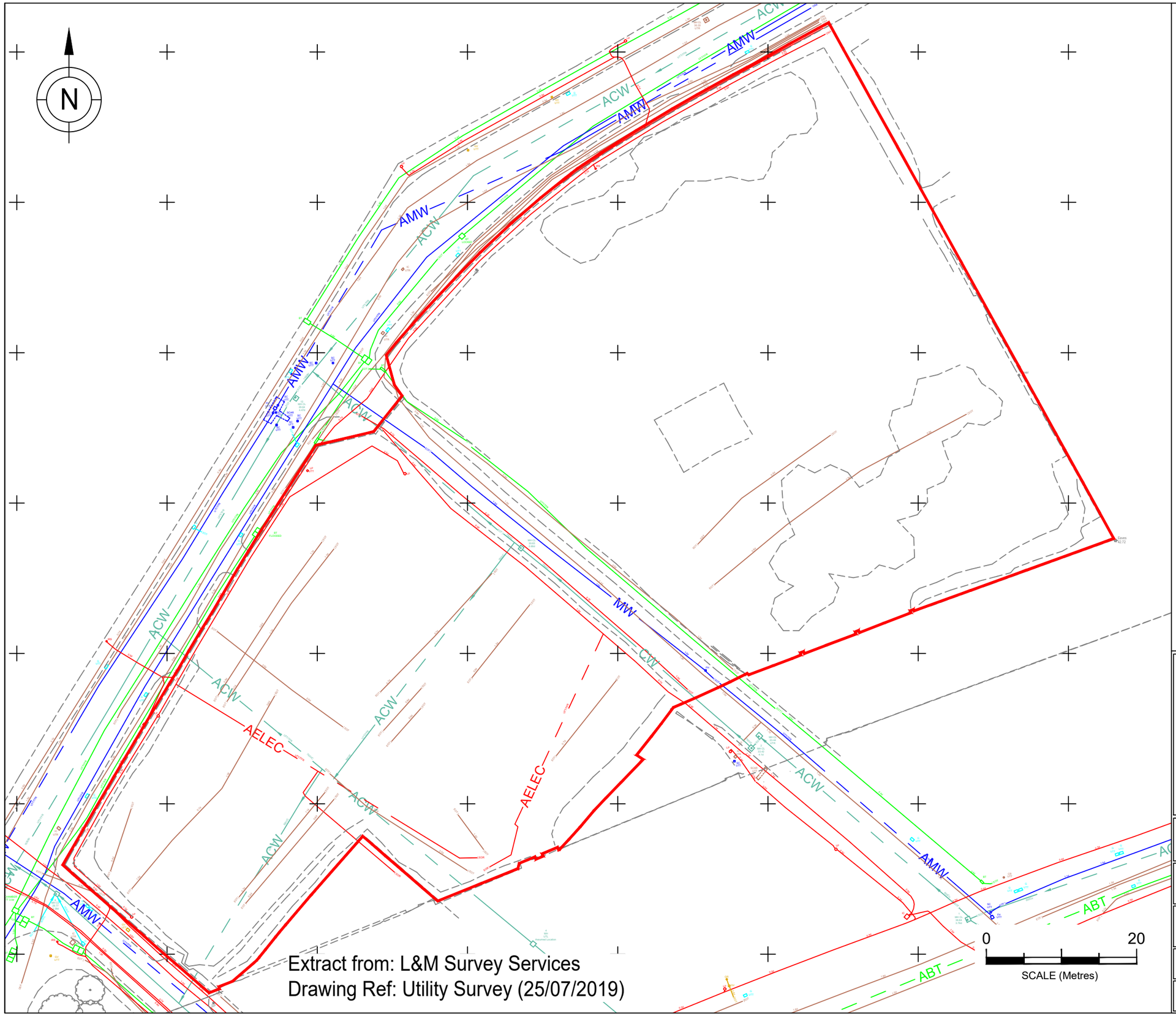


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Figure 1: Site Location Plan, Victoria Riverside, Danzic Street, Manchester

Drawn: Sep 2019 Scale: 1:25,000 @ A4 (see scale bar)

LK CONSULT LIMITED



KEY

Site Boundary

Sampling Locations and features annotated by LK Consult Ltd are approximate and are based upon observed measurements unless otherwise stated. Do not scale from this drawing and work from marked dimensions only. All dimensions and features should be confirmed on site by the Contractor. Where this drawing includes information provided to LK Consult Ltd by others, LK Consult Ltd gives no warranty, representation or assurance as to the accuracy of such information.

LK CONSULT LIMITED

Client:	Far East Consortium Ltd
Site:	Victoria Riverside, Danzic Street, Manchester
Title:	Site Boundary Plan

Job No.:	Scale (See Scale Bar):	Figure:	Revision:
LKC 19 1267	1:500 @ A3	2	

Drawn By:	Checked By:	Drawn:
AC	PD	Sep 2019



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NOTES:
1. Do not scale from this drawing.
2. Always work to noted dimensions.
3. All dimensions are in millimetres unless otherwise stated.
4. All setting out, levels and dimensions to be agreed on site.
5. The dimensions of all materials must be checked on site before being laid out.
6. This drawing must be read with the relevant specification clauses and detail drawings.
7. Order of construction and setting out to be agreed on site.

Red line boundary

For hardswork keys refer to drawings:
1768.1-PLA-XX-XX-DR-L-1000
1768.1-PLA-XX-XX-DR-L-1001

For softwork keys refer to drawings:
1768.1-PLA-XX-XX-DR-L-2000
1768.1-PLA-XX-XX-DR-L-2001

S4-P09	06-11-20	Tender	AT	GB
S4-P08	15-10-20	Tender	AT	GB
S4-P07	07-10-20	Draft stage 3 info	AT	AT
S4-P06	05-05-20	Planning	AT	AT
S4-P05	24-04-20	Planning	AT	AT
S4-P04	15-04-20	Planning	AT	AT
S1-P03	28-02-20	Comment	HT	GB
S1-P02	06-12-19	Comment	AT	GB
S1-P01	11-07-19	DRAFT landscape proposals	AT	GB

Revision	Date	Description	Drawn	Apprvd.

Planit I.E. Limited
E: info@planit-ie.com **W:** planit-ie.com
MANCHESTER
2 Back Grafton St , Altrincham, WA14 1DY
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LONDON
Unit 6 Waterside, 44-48 Wharf Road, London, N1 7UX
T: 0207 253 5678
LIVERPOOL
No. 8 Princes Parade, Princes Dock, Liverpool, L3 1DL
T: 0151 705 6746

Client FEC

Project Victoria Riverside Northern Gateway

Drg Title Landscape masterplan

Created on	Created by	Approved by
17.06.19	AT	GB

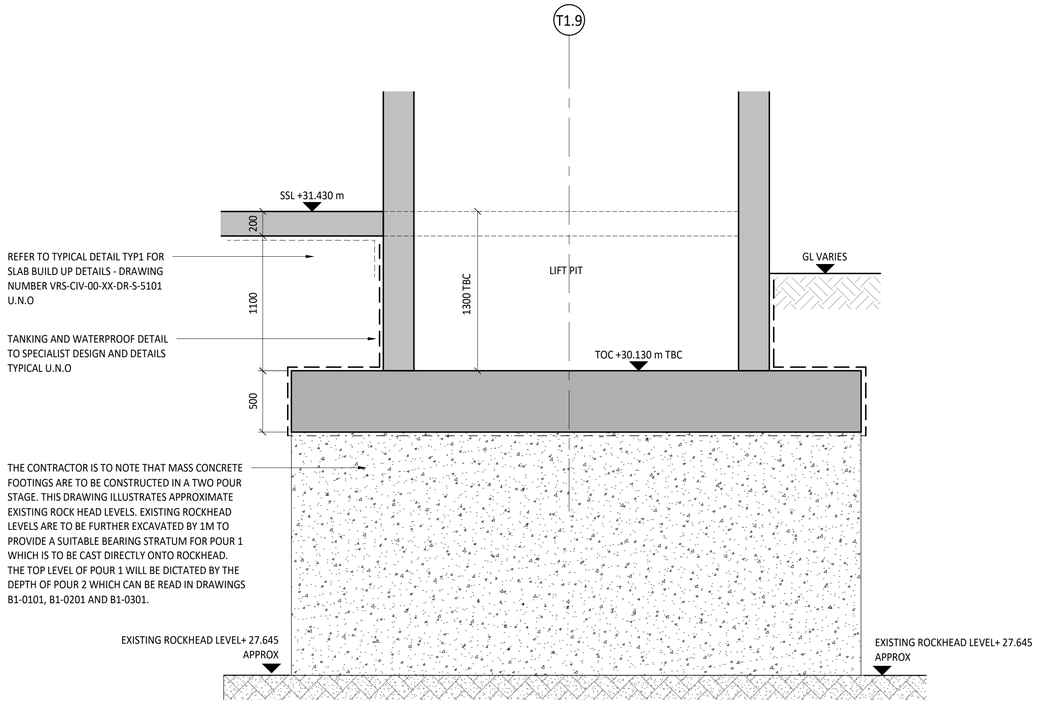
Scale	Size	Workstage
1:250	**A1**	**Tender**

Drg No.	Suitability	Revision
1768.1-PLA-XX-XX-DR-L-0005	**S4**	**P09**

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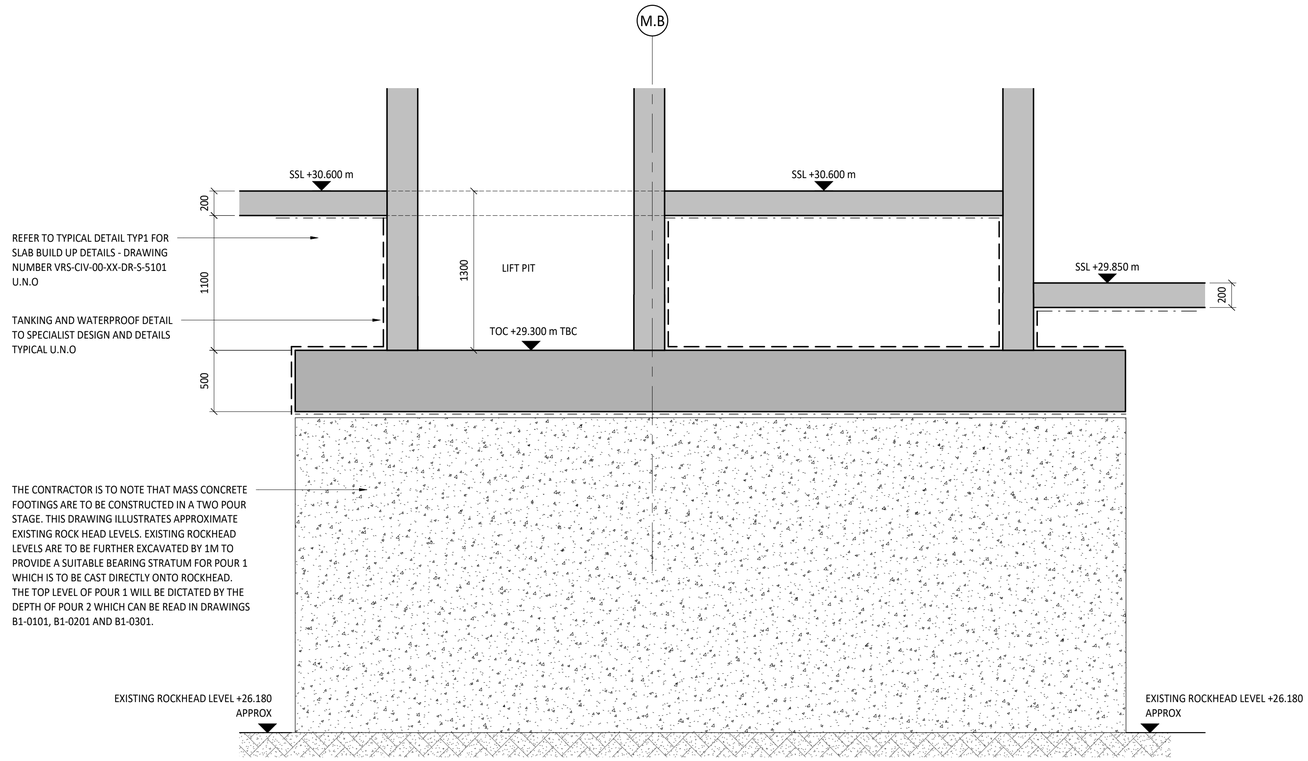
APPENDIX B

Enabling Works 'Cut & Fill' Drawings



SECTION TH1 - LP4

SCALE: 1 : 25 @ A1



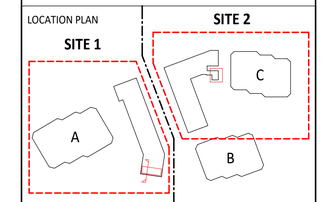
SECTION TH2 -LP5

SCALE: 1 : 25 @ A1

STANDARD NOTES
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4. ALL DISCREPANCIES SHOULD BE REPORTED TO C.A. PRIOR TO THE COMMENCEMENT OF WORKS.
5. ALL DIMENSIONS IN mm, ALL LEVELS IN m U.N.O.

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LOCATION PLAN



NOTES

CONTRACTOR TO NOTES THAT EXISTING ROCKHEAD IS TO BE REDUCED BY 1m TO REPLACE SUFFICIENT BEARING STRATA FOR FOUNDATIONS IN ACCORDANCE WITH CCG GROUND INVESTIGATION REPORT REF CCG-C-14-7780 MARCH 2015

Date	Rev	Description	Drawn	Chkd
20.11.20	P01	STAGE 3B ISSUE	MJF	DP

Civic Engineers
MANCHESTER Carver's Warehouse, 77 Dale St, Manchester, M1 2HG. Tel: 0161 228 6752
LONDON Reeds Wharf, 33 Mill Street, London SE1 2AX. Tel: 020 7253 2977
LEEDS Tower Works, Unit 02-01, Globe Rd, Leeds, LS11 5QG. Tel: 0133 2025 130
GLASGOW Gresham Chambers, 45 West Nile St, Glasgow, G1 2PT. Tel: 0141 370 1829
www.civicengineers.com

Project
VICTORIA RIVERSIDE, DANTZIC STREET MANCHESTER

Title
SUBSTRUCTURE DETAILS SHEET 3

Status
INFORMATION

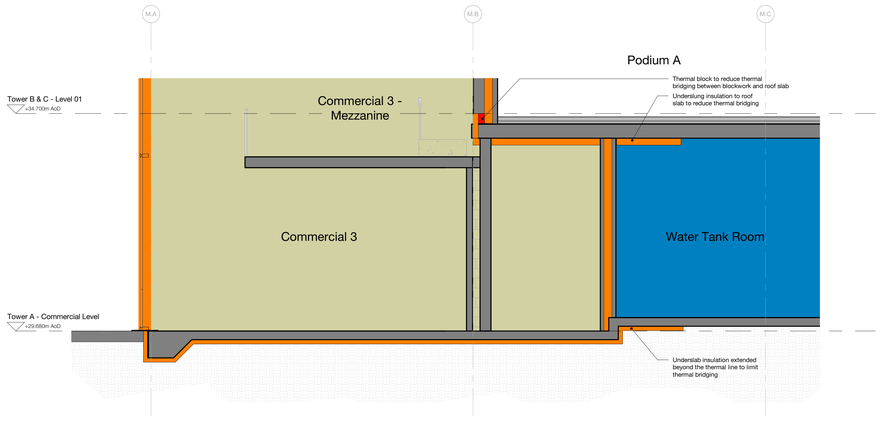
Project Number	Scale @ A1	Date Created	Drawn	Checked	Suitability
1127-01	1:25	Oct 20	MJF	DP	S1

Drawing Number
VRS-CIV-00-XX-DR-S-5103

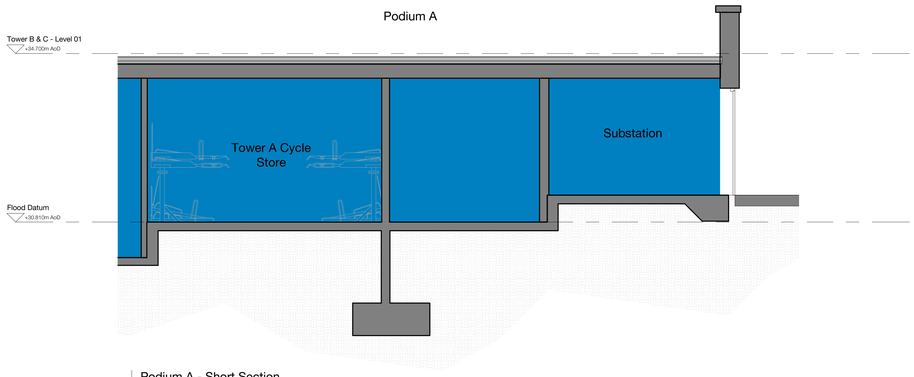
Revision
P01



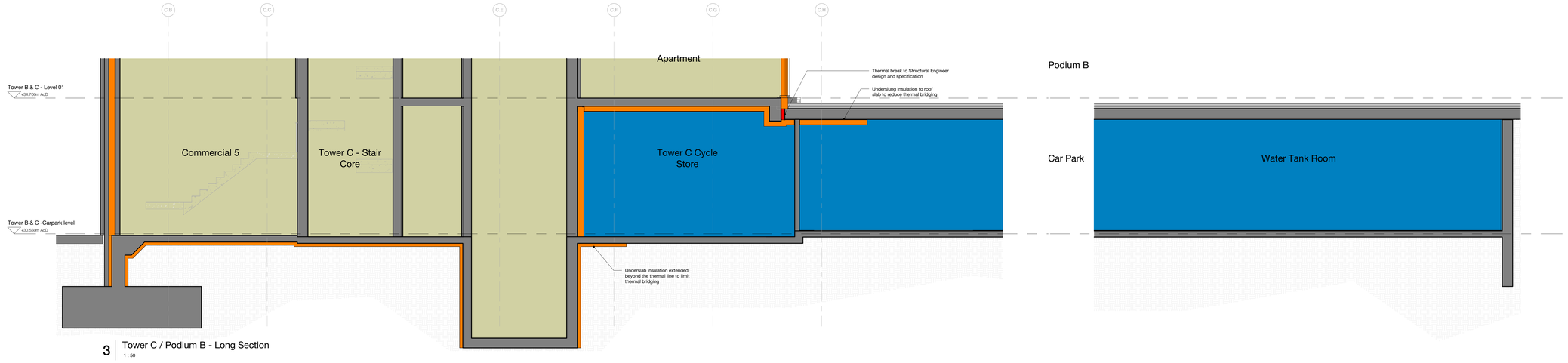
1 Tower A - Short Section
1 : 50



2 Midrise Block M1 - Short Section
1 : 50



4 Podium A - Short Section
1 : 50



3 Tower C / Podium B - Long Section
1 : 50

Environmental Design Requirements:-

The below setout the requirements for the grade of the Basement / Internal Spaces using the classifications from *BS 8102:2009 'Code of Practice for Protection of Below Ground Structures Against Water From the Ground'*. This drawing outlines performance requirements which should be designed to by the Waterproofing Design Specialist (see Waterproofing Systems Design Responsibility below), as below:-

GRADE 3
GRADE 2
GRADE 1

Extract from NHBC guidance website on the use of BS 8102 gradings for different uses within new buildings:-

Grade	Description	Generally required for:
GRADE 3	No water penetration acceptable and a dry environment provided where maintained by adequate ventilation	Habitable accommodation
GRADE 2	No water penetration is acceptable although damp areas are tolerated	Non-habitable areas, such as car parks, storage or plant rooms where the internal finishes are not readily damaged by moisture
GRADE 1	Some seepage and damp areas are tolerable, dependent on intended use	Retaining walls typically used to form external lightwells

Vertical Thermal Line

The thermal line has been indicated on the scoping drawings to demonstrate the thermal strategy for the facade design. Please refer to the 21 and 22 Series for the External Wall and Internal Wall Packages which describe the detail and specification.

Thermal Line
Underslab insulation extended beyond thermal line

Flood Defences

A strategy of permanent and temporary flood defences are proposed. Please refer to DWGs 21_0591 and 21_0597 for details.

Internal concrete upstand
Demountable barrier

Site Conditions:-

Site gas characteristics is CS1 with recommendation to fully tank and ventilate the proposed underground car park. Please refer to Phase 2 Site Investigation Report by LK Consult for further finding on site conditions and recommended provisions.

Waterproofing Systems Design Responsibility:-

Waterproofing systems should be designed by a waterproofing design specialist. Designers who have successfully completed the Certified Surveyor in Structural Waterproofing (CSSW) qualification available from the Property Care Association (PCA) are generally acceptable to NHBC. An alternative demonstration of competence may be acceptable, subject to successful review with the NHBC.

The waterproofing design specialist should be appointed in the early design stages to co-ordinate with other designers, including the engineer, and to ensure satisfactory integration of the waterproofing system.

Design and specification information should be provided to NHBC at least eight weeks in advance of the works starting on site, in accordance with NHBC Rules.

Risk-based Design Requirements:-

The below waterproofing performance requirements are in accordance with NHBC guidance note 5.4 on *Waterproofing of basements and other below ground structures*, which should be consulted for further information:-

Combined systems should be used where:

a **Grade 3 environment** is needed, and the wall retains more than 600mm

The following Types of waterproofing are acceptable where a Grade 2 environment is needed and more than 600mm of ground is retained:

Type A fully bonded barrier - Type A barrier that forms part of a composite structural wall, including liquid applied and cementitious systems. Post-applied sheet membranes are not considered to be fully bonded barriers

Type B - the water-resistant properties of the retaining structure providing waterproofing to the building. This chapter provides specific guidance for the use of Type B concrete systems cast in-situ, with or without waterproofing admixtures. The principles are applicable to other Type B systems listed in BS 8102

Type C - Construction that incorporates a cavity, generally formed with a cavity drain membrane. Water is removed from the cavity via a managed drainage system

A combined system - Type A and Type B, Type A and Type C or Type B and Type C

To be read inconjunction with:-

Please refer to Architectural Specification and Structural Engineer Specification for Structural Waterproofing performance requirements.

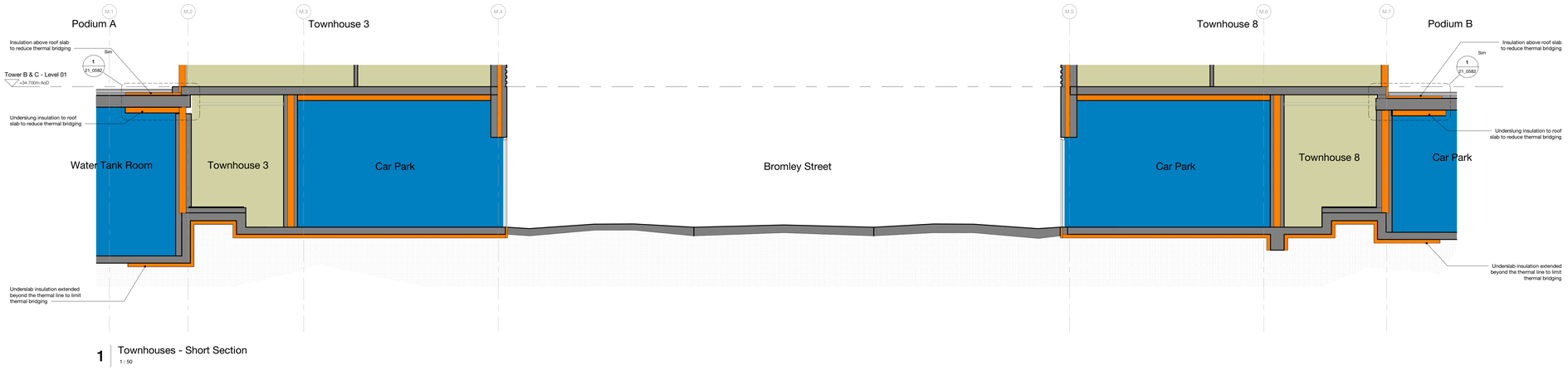
Rev	Description	Date
P1	Initial Issue for Stage 3B	06.11.20

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No implied licence exists. This drawing should not be used to calculate areas for the purposes of valuation. Do not scale this drawing. All dimensions to be checked on the site by the contractor and such dimensions to be their responsibility. All work must comply with relevant British Standards and Building Regulations requirements. Drawing errors and omissions to be reported to the architect. To be read in conjunction with Architect's specification and other consultant information.

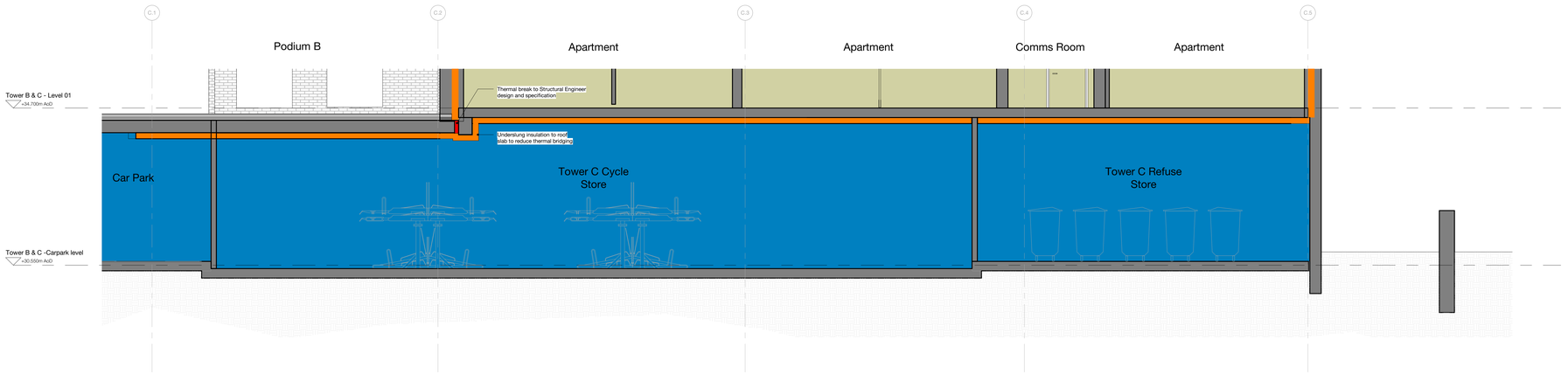
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Drawn By: PD	Checked By: JK	Status: S2	
Drawing No.: VRS-HBA-SW-XX-DR-A-14_0301	Rev: P1	Purpose of Issue: Information	Drawing: Waterproofing Scoping Sections - Sheet 1 of 2

3C Tariff Street
Manchester M1 2FF
mail@hawkinsbrown.com
hawkinsbrown.com

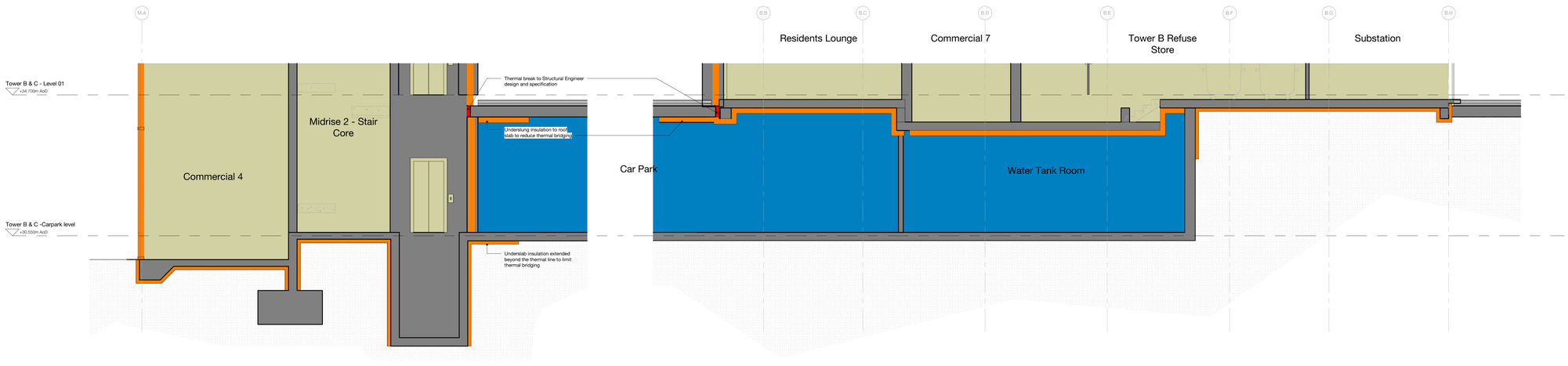
Hawkins\ Brown



1 Townhouses - Short Section
1 : 50



2 Tower C / Podium - Short Section
1 : 50



3 Mid Rise M2 / Podium / Tower B - Long Section
1 : 50

Environmental Design Requirements:-

The below setout the requirements for the grade of the Basement / Internal Spaces using the classifications from *BS 8102:2009 'Code of Practice for Protection of Below Ground Structures Against Water From the Ground'*. This drawing outlines performance requirements which should be designed to by the Waterproofing Design Specialist (see Waterproofing Systems Design Responsibility below), as below:-

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GRADE 2
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Type B - the water-resistant properties of the retaining structure providing waterproofing to the building. This chapter provides specific guidance for the use of Type B concrete systems cast in-situ, with or without waterproofing admixtures. The principles are applicable to other Type B systems listed in BS 8102

Type C - Construction that incorporates a cavity, generally formed with a cavity drain membrane. Water is removed from the cavity via a managed drainage system

A combined system - Type A and Type B, Type A and Type C or Type B and Type C

To be read inconjunction with:-

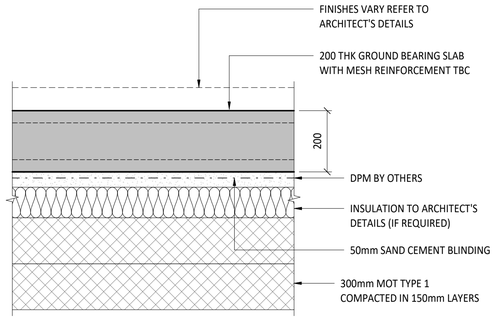
Please refer to Architectural Specification and Structural Engineer Specification for Structural Waterproofing performance requirements.

Rev	Description	Date
P1	Initial Issue for Stage 3B	06.11.20

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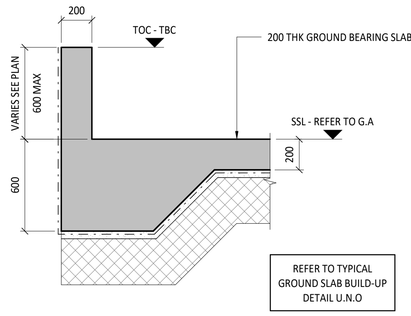
Scale @ A0: As indicated	Date: Oct 2020	Job Number: 18059	Project: Victoria Riverside, Dantzic Street, Manchester
Drawn By: PD	Checked By: JK	Status: S2	
Drawing No.: VRS-HBA-SW-XX-DR-A-14_0302	Rev: P1	Purpose of Issue: Information	Drawing: Waterproofing Scoping Sections - Sheet 2 of 2

3C Tariff Street
Manchester M1 2FF
mail@hawkinsbrown.com
hawkinsbrown.com
Hawkins\Brown



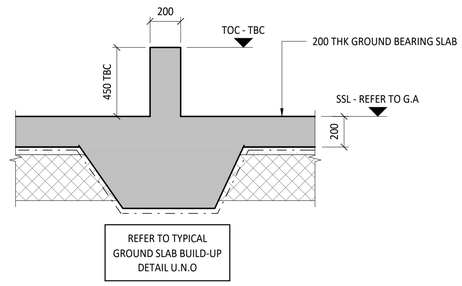
TYP1 - TYPICAL SLAB BUILD UP

SCALE: 1 : 10 @ A1



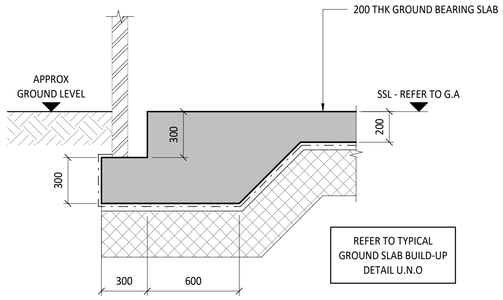
TYP2 - TYPICAL FLOOD DEFENCE UPSTAND - RC-UP-01

SCALE: 1 : 20 @ A1



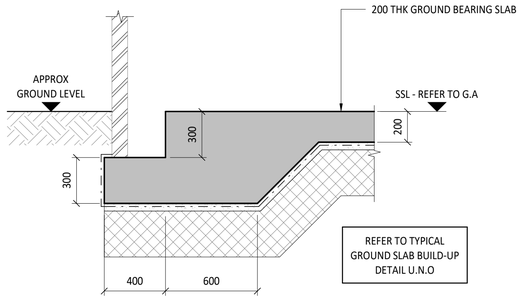
TYP3 - TYPICAL CAR PARK BARRIER UPSTAND - RC-UP-02

SCALE: 1 : 20 @ A1



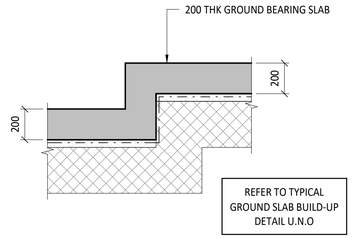
TYP4 - TYPICAL EDGE THICKENING WITH TOE

SCALE: 1 : 20 @ A1



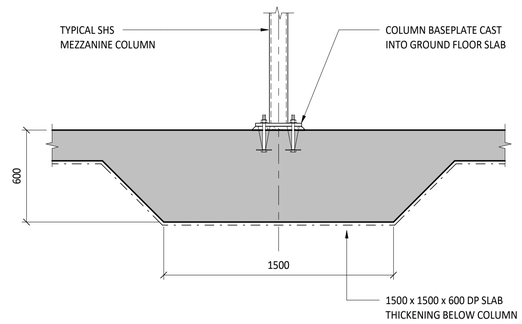
TYP5 - TYPICAL EDGE THICKENING WITH TOE (AT PIER)

SCALE: 1 : 20 @ A1



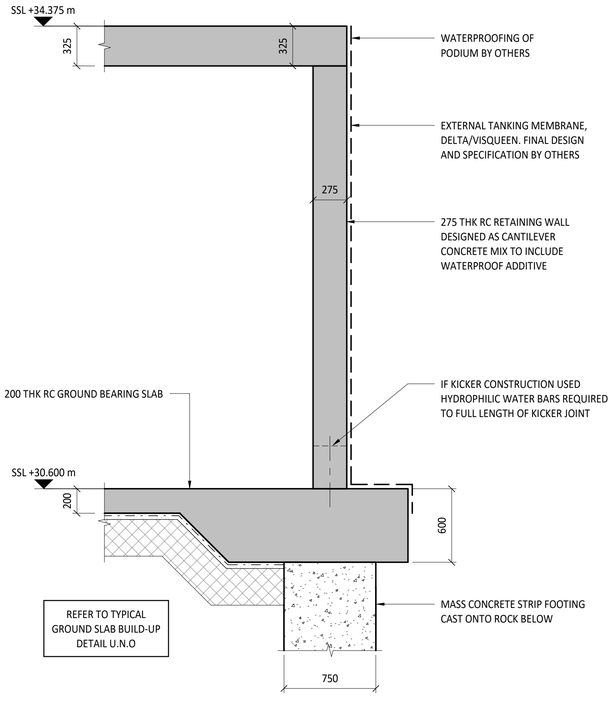
TYP6 - TYPICAL SLAB FOLD DETAIL

SCALE: 1 : 20 @ A1



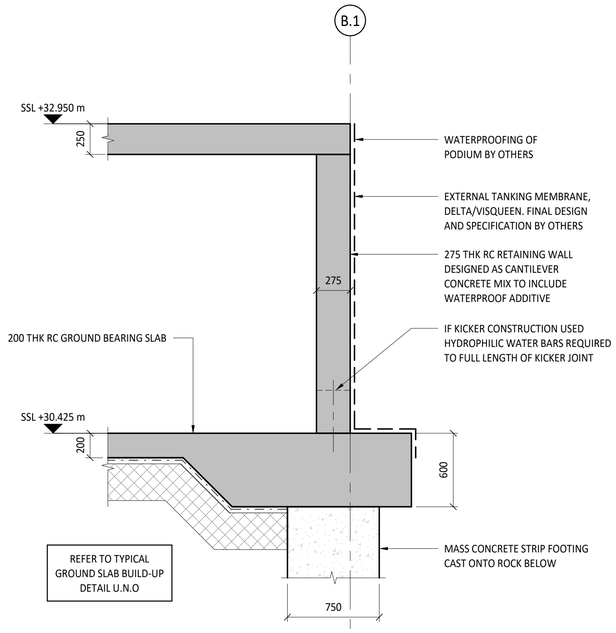
TYP7 - TYPICAL MEZZANINE COLUMN BASE DETAIL

SCALE: 1 : 20 @ A1



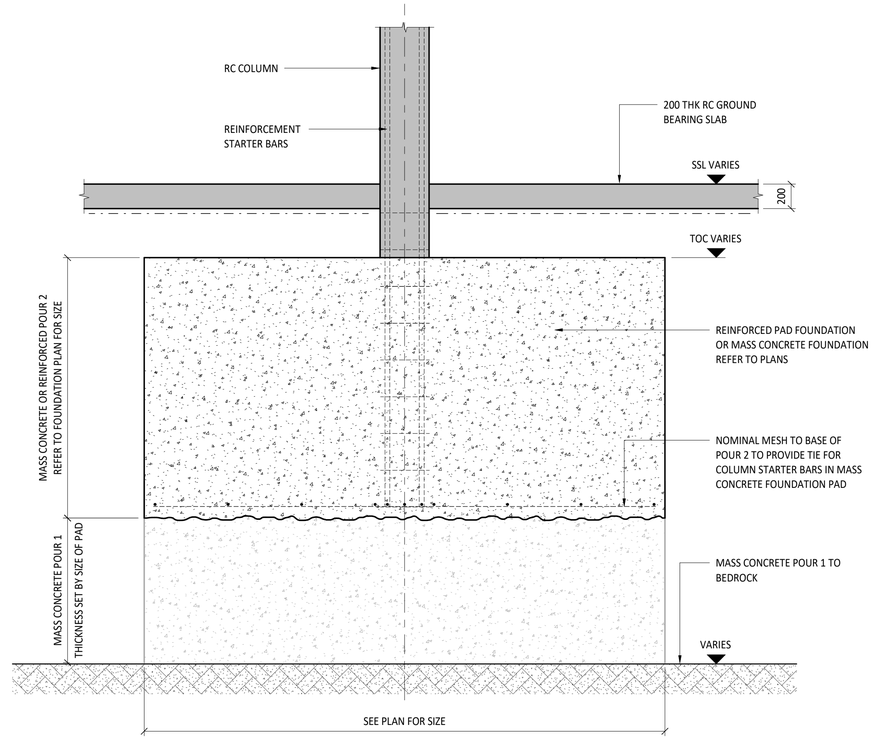
SECTION RW1

SCALE: 1 : 25 @ A1



SECTION RW2

SCALE: 1 : 25 @ A1



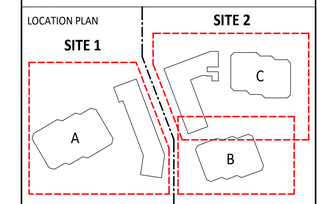
TYPICAL PAD FOUNDATION POUR SEQUENCE

SCALE: 1 : 25 @ A1

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3. ALL DIMENSIONS ARE TO BE VERIFIED BY THE CONTRACTOR ON SITE.
4. ALL DISCREPANCIES SHOULD BE REPORTED TO C.A. PRIOR TO THE COMMENCEMENT OF WORKS.
5. ALL DIMENSIONS IN mm, ALL LEVELS IN m U.N.O.

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LOCATION PLAN



NOTES

Date	Rev	Description	Drawn	Chkd
20.11.20	P02	STAGE 3B UPDATE	MJF	DP
06.11.20	P01	STAGE 3B ISSUE	MJF	DP

Civic Engineers
MANCHESTER Carver's Warehouse, 77 Dale St, Manchester, M1 2HG. Tel: 0161 228 6757
LONDON Reeds Wharf, 33 Mill Street, London SE1 2AX. Tel: 020 7253 2977
LEEDS Tower Works, Unit 02-01, Globe Rd, Leeds, LS11 5QG. Tel: 0113 2025 130
GLASGOW Gresham Chambers, 45 West Nile St, Glasgow, G1 2PT. Tel: 0141 370 1829
www.civicengineers.com

Project
VICTORIA RIVERSIDE, DANTZIC STREET MANCHESTER

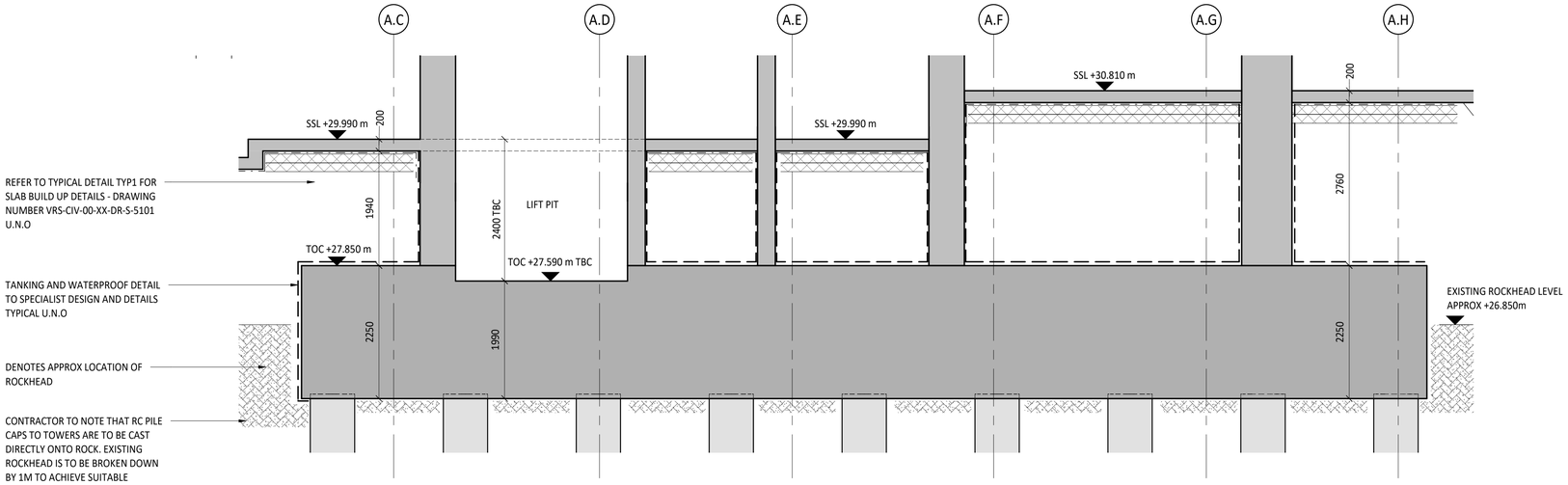
Title
SUBSTRUCTURE DETAILS - SHEET 1

Status
INFORMATION

Project Number	Scale @ A1	Date Created	Drawn	Checked	Suitability
1127-01	Varies	Nov 20	MJF	DP	S1

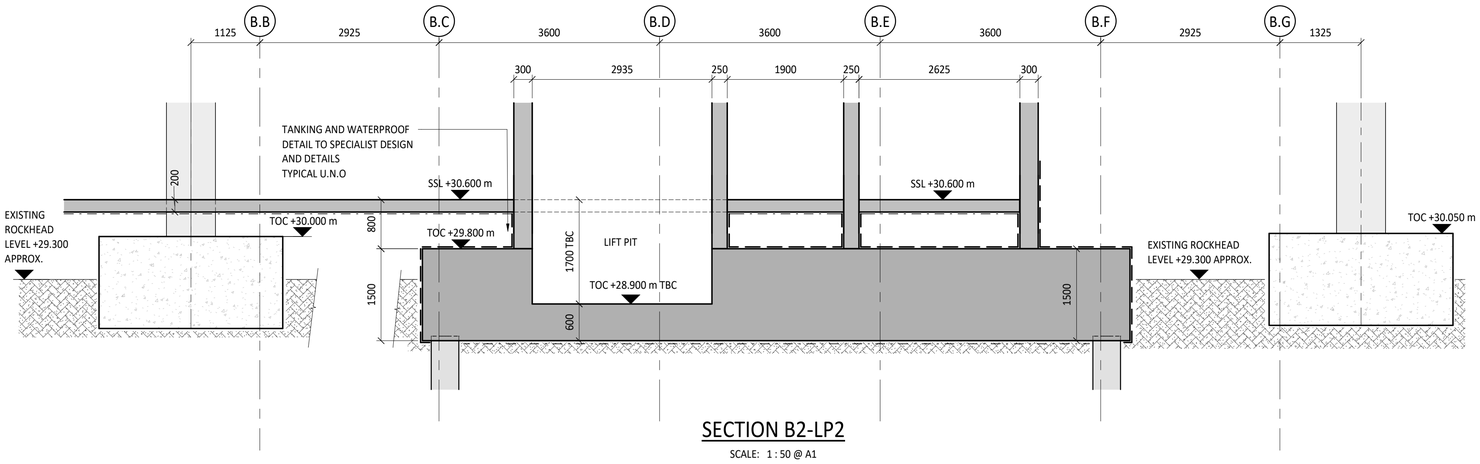
Drawing Number
VRS-CIV-00-XX-DR-S-5101

Revision
P02



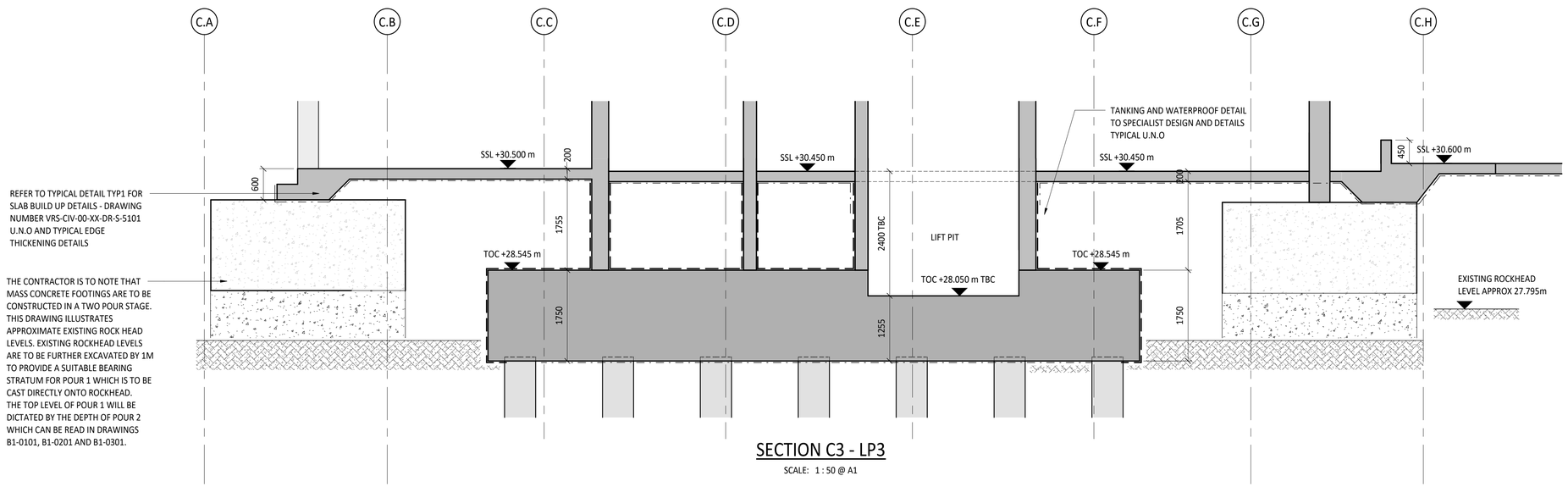
SECTION A1-LP1

SCALE: 1 : 50 @ A1



SECTION B2-LP2

SCALE: 1 : 50 @ A1



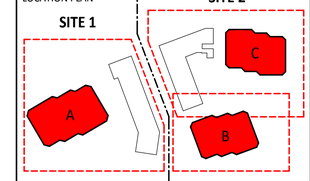
SECTION C3 - LP3

SCALE: 1 : 50 @ A1

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4. ALL DISCREPANCIES SHOULD BE REPORTED TO C.A. PRIOR TO THE COMMENCEMENT OF WORKS.
5. ALL DIMENSIONS IN mm, ALL LEVELS IN m U.N.O.

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LOCATION PLAN



NOTES

CONTRACTOR TO NOTES THAT EXISTING ROCKHEAD IS TO BE REDUCED BY 1m TO REPLACE SUFFICIENT BEARING STRATA FOR FOUNDATIONS IN ACCORDANCE WITH CCG GROUND INVESTIGATION REPORT REF CCG-C-14-7780 MARCH 2015

Date	Rev	Description	Drawn	Chkd
20.11.20	P01	STAGE 3B ISSUE	MJF	DP

Civic Engineers
MANCHESTER Carver's Warehouse, 77 Dale St, Manchester, M1 2HG. Tel: 0161 228 6757
LONDON Reeds Wharf, 33 Mill Street, London SE1 2AX. Tel: 020 7253 2977
LEEDS Tower Works, Unit 02-01, Globe Rd, Leeds, LS11 5QG. Tel: 0113 2025 130
GLASGOW Gresham Chambers, 45 West Nile St, Glasgow, G1 2PT. Tel: 0141 370 1829
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Project
VICTORIA RIVERSIDE, DANTZIC STREET MANCHESTER

Title
SUBSTRUCTURE DETAILS SHEET 2

Status
INFORMATION

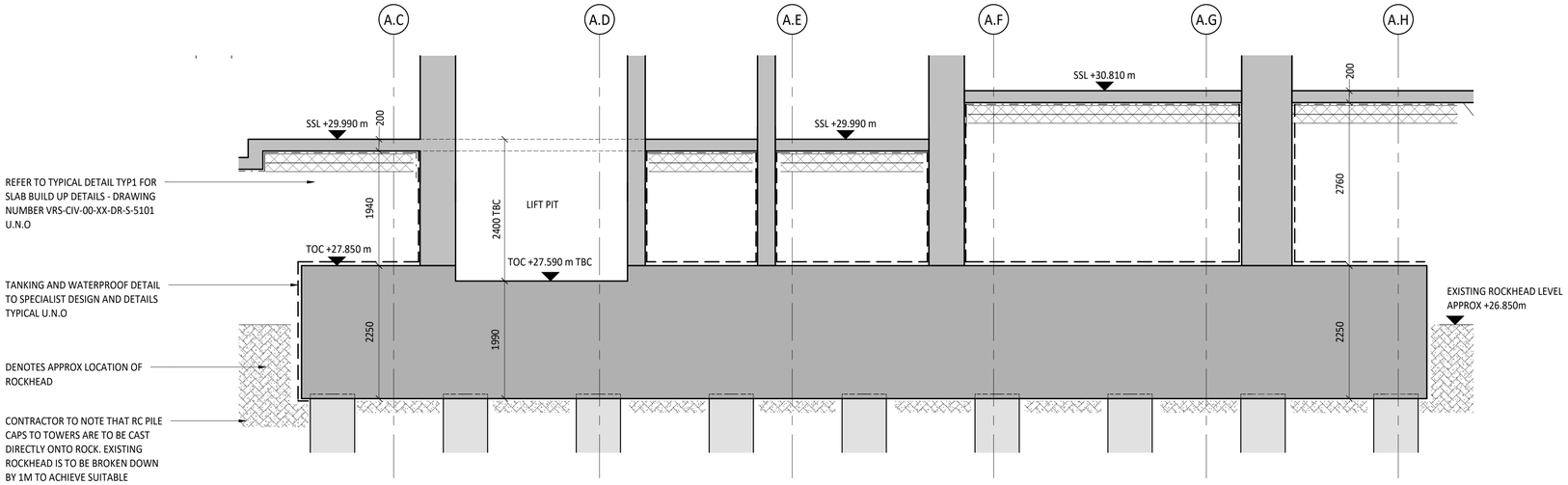
Project Number	Scale @ A1	Date Created	Drawn	Checked	Suitability
1127-01	1:50	Oct 20	MJF	DP	S1

Drawing Number
VRS-CIV-00-XX-DR-S-5102

Revision
P01

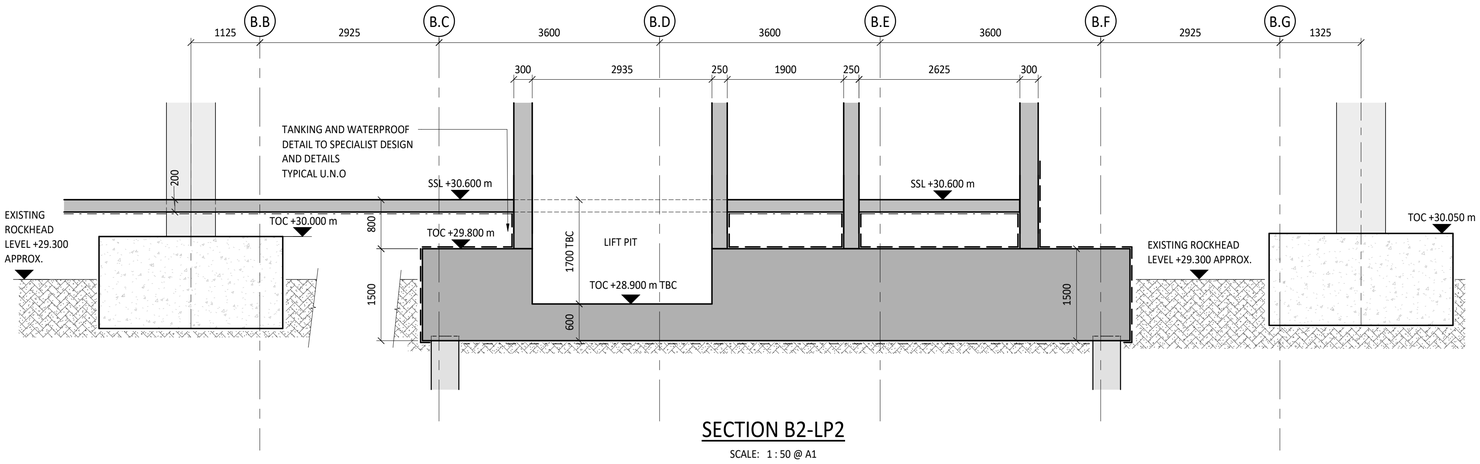
APPENDIX C

Construction Details Drawings



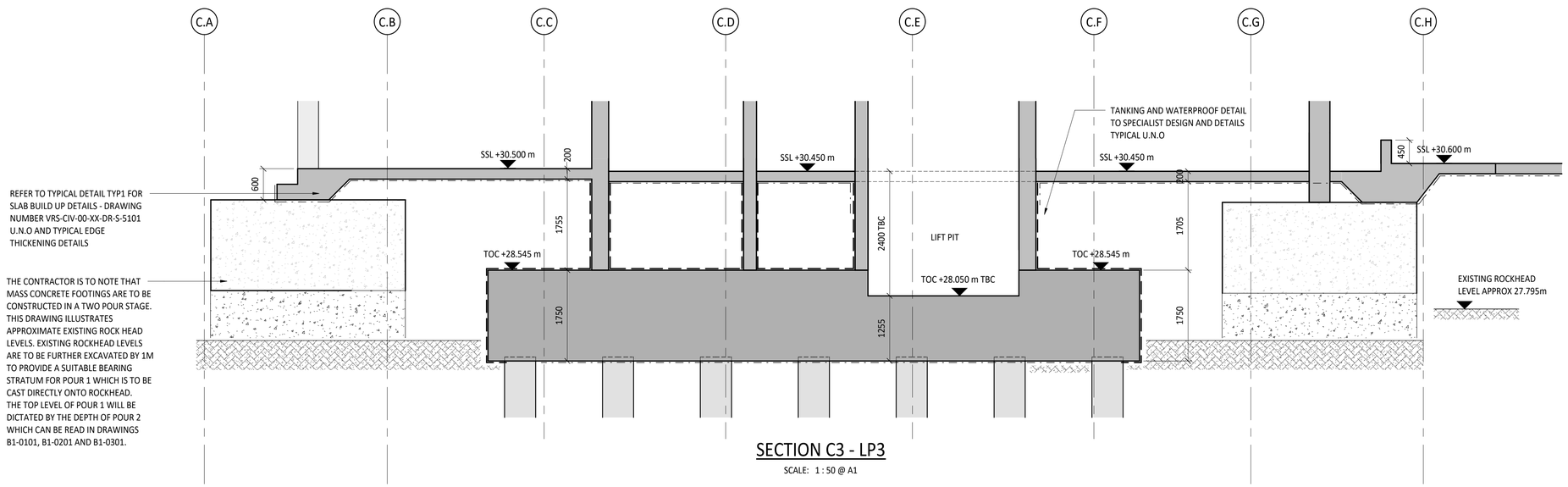
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SCALE: 1 : 50 @ A1



SECTION B2-LP2

SCALE: 1 : 50 @ A1



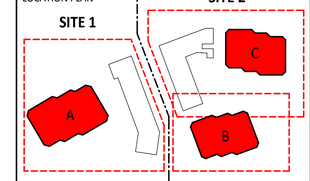
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SCALE: 1 : 50 @ A1

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Date	Rev	Description	Drawn	Chkd
20.11.20	P01	STAGE 3B ISSUE	MJF	DP

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LEEDS Tower Works, Unit 02-01, Globe Rd, Leeds, LS11 5QG. Tel: 0113 2025 130
GLASGOW Gresham Chambers, 45 West Nile St, Glasgow, G1 2PT. Tel: 0141 370 1829
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Project
VICTORIA RIVERSIDE, DANTZIC STREET MANCHESTER

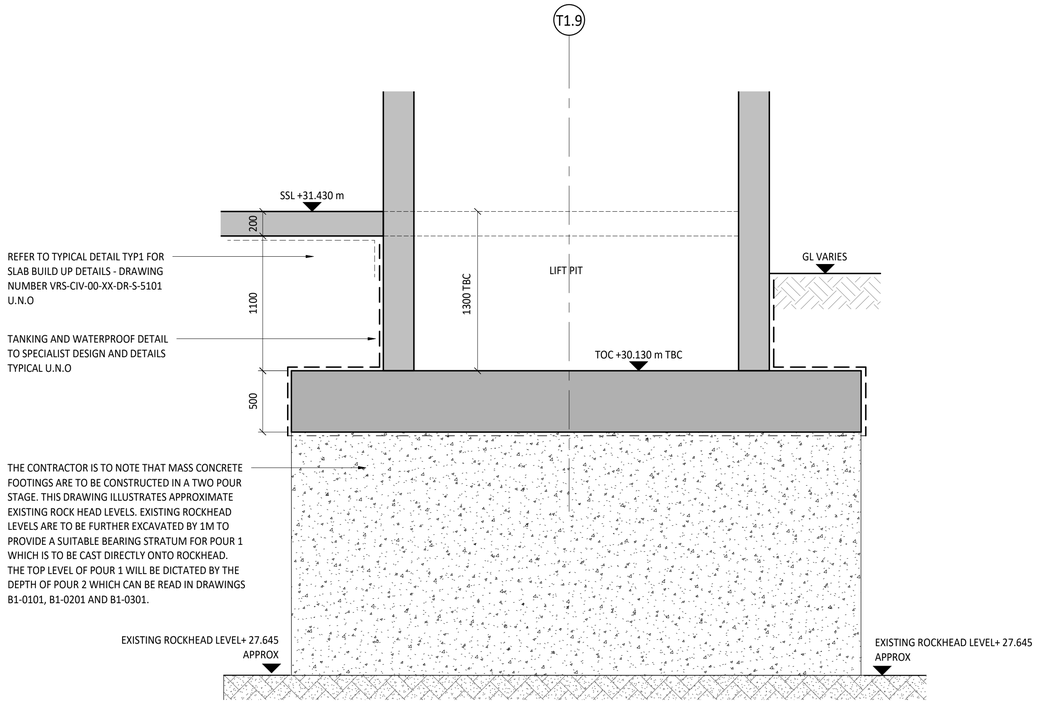
Title
SUBSTRUCTURE DETAILS SHEET 2

Status
INFORMATION

Project Number	Scale @ A1	Date Created	Drawn	Checked	Suitability
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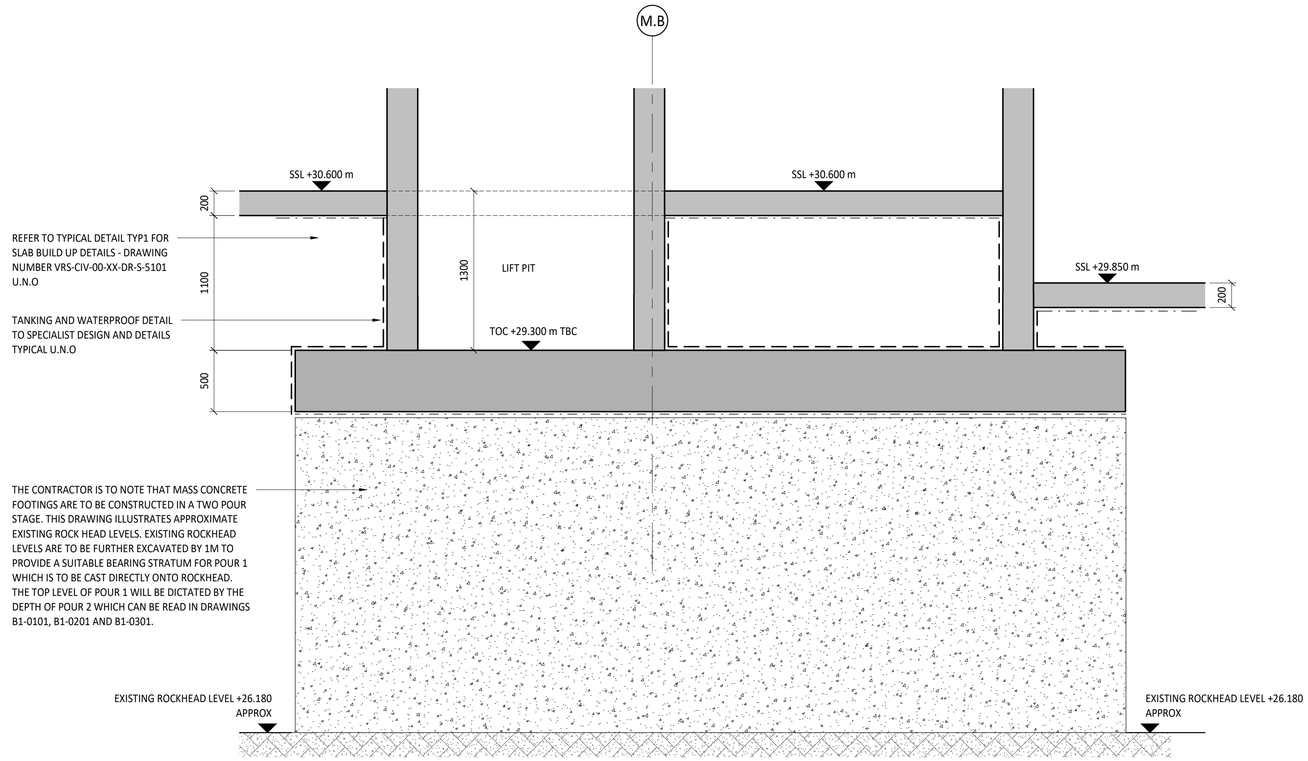
Drawing Number
VRS-CIV-00-XX-DR-S-5102

Revision
P01



SECTION TH1 - LP4

SCALE: 1 : 25 @ A1



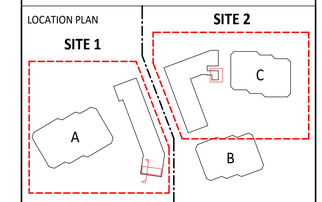
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SCALE: 1 : 25 @ A1

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Date	Rev	Description	Drawn	Chkd
20.11.20	P01	STAGE 3B ISSUE	MJF	DP

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LEEDS Tower Works, Unit 02-01, Globe Rd, Leeds, LS11 5QG. Tel: 0133 2025 130
GLASGOW Gresham Chambers, 45 West Nile St, Glasgow, G1 2PT. Tel: 0141 370 1829
www.civicengineers.com

Project
VICTORIA RIVERSIDE, DANTZIC STREET MANCHESTER

Title
SUBSTRUCTURE DETAILS SHEET 3

Status
INFORMATION

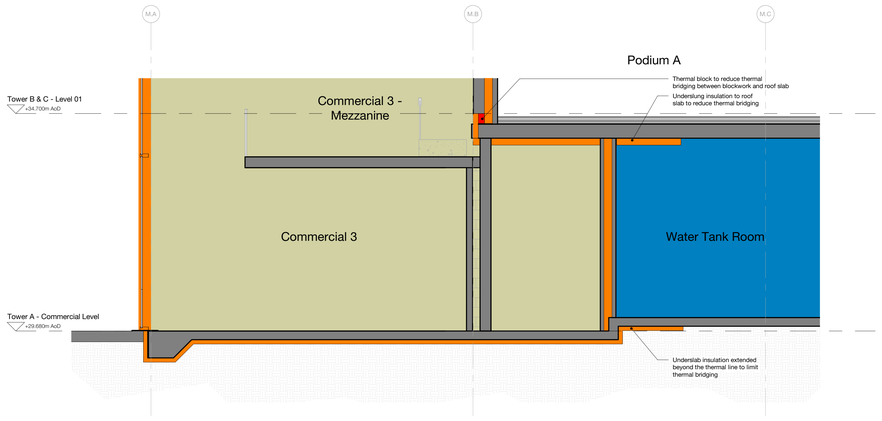
Project Number	Scale @ A1	Date Created	Drawn	Checked	Suitability
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Drawing Number
VRS-CIV-00-XX-DR-S-5103

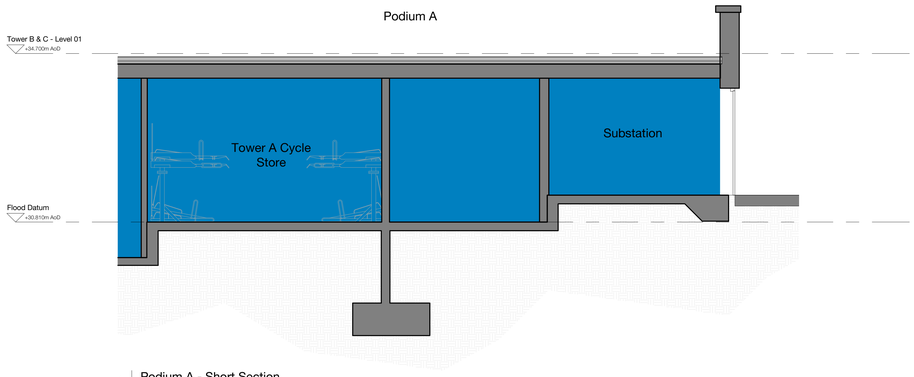
Revision
P01



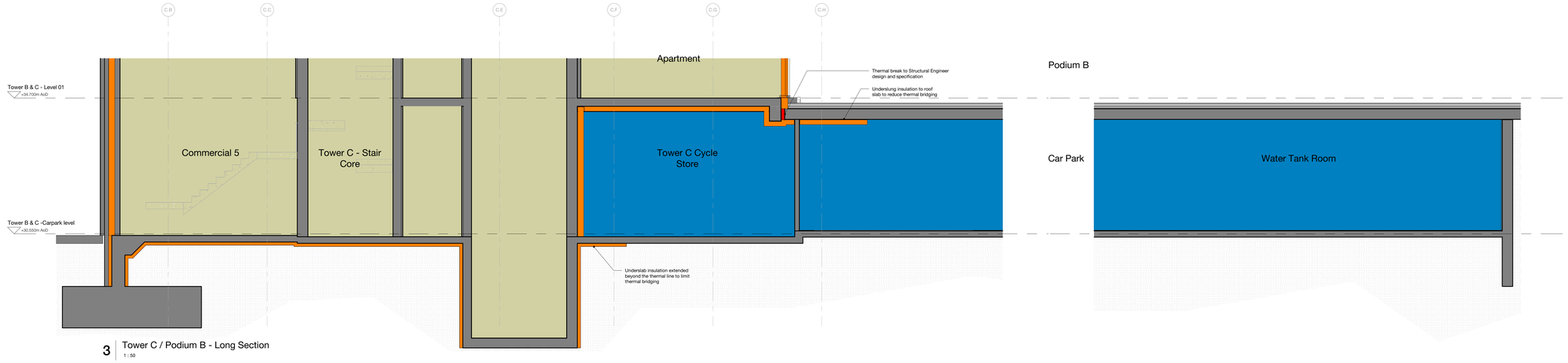
1 Tower A - Short Section
1 : 50



2 Midrise Block M1 - Short Section
1 : 50



4 Podium A - Short Section
1 : 50



3 Tower C / Podium B - Long Section
1 : 50

Environmental Design Requirements:-

The below setout the requirements for the grade of the Basement / Internal Spaces using the classifications from *BS 8102:2009 'Code of Practice for Protection of Below Ground Structures Against Water From the Ground'*. This drawing outlines performance requirements which should be designed to by the Waterproofing Design Specialist (see Waterproofing Systems Design Responsibility below), as below:-

GRADE 3
GRADE 2
GRADE 1

Extract from NHBC guidance website on the use of BS 8102 gradings for different uses within new buildings:-

Grade	Description	Generally required for:
GRADE 3	No water penetration acceptable and a dry environment provided where maintained by adequate ventilation	Habitable accommodation
GRADE 2	No water penetration is acceptable although damp areas are tolerated	Non-habitable areas, such as car parks, storage or plant rooms where the internal finishes are not readily damaged by moisture
GRADE 1	Some seepage and damp areas are tolerable, dependent on intended use	Retaining walls typically used to form external lightwells

Vertical Thermal Line

The thermal line has been indicated on the scoping drawings to demonstrate the thermal strategy for the facade design. Please refer to the 21 and 22 Series for the External Wall and Internal Wall Packages which describe the detail and specification.

Thermal Line
Underslab insulation extended beyond thermal line

Flood Defences

A strategy of permanent and temporary flood defences are proposed. Please refer to DWGs 21_0591 and 21_0597 for details.

Internal concrete upstand
Demountable barrier

Site Conditions:-

Site gas characteristics is CS1 with recommendation to fully tank and ventilate the proposed underground car park. Please refer to Phase 2 Site Investigation Report by LK Consult for further finding on site conditions and recommended provisions.

Waterproofing Systems Design Responsibility:-

Waterproofing systems should be designed by a waterproofing design specialist. Designers who have successfully completed the Certified Surveyor in Structural Waterproofing (CSSW) qualification available from the Property Care Association (PCA) are generally acceptable to NHBC. An alternative demonstration of competence may be acceptable, subject to successful review with the NHBC.

The waterproofing design specialist should be appointed in the early design stages to co-ordinate with other designers, including the engineer, and to ensure satisfactory integration of the waterproofing system.

Design and specification information should be provided to NHBC at least eight weeks in advance of the works starting on site, in accordance with NHBC Rules.

Risk-based Design Requirements:-

The below waterproofing performance requirements are in accordance with NHBC guidance note 5.4 on *Waterproofing of basements and other below ground structures*, which should be consulted for further information:-

Combined systems should be used where:

a **Grade 3 environment** is needed, and the wall retains more than 600mm

The following Types of waterproofing are acceptable where a Grade 2 environment is needed and more than 600mm of ground is retained:

Type A fully bonded barrier - Type A barrier that forms part of a composite structural wall, including liquid applied and cementitious systems. Post-applied sheet membranes are not considered to be fully bonded barriers

Type B - the water-resistant properties of the retaining structure providing waterproofing to the building. This chapter provides specific guidance for the use of Type B concrete systems cast in-situ, with or without waterproofing admixtures. The principles are applicable to other Type B systems listed in BS 8102

Type C - Construction that incorporates a cavity, generally formed with a cavity drain membrane. Water is removed from the cavity via a managed drainage system

A combined system - Type A and Type B, Type A and Type C or Type B and Type C

To be read inconjunction with:-

Please refer to Architectural Specification and Structural Engineer Specification for Structural Waterproofing performance requirements.

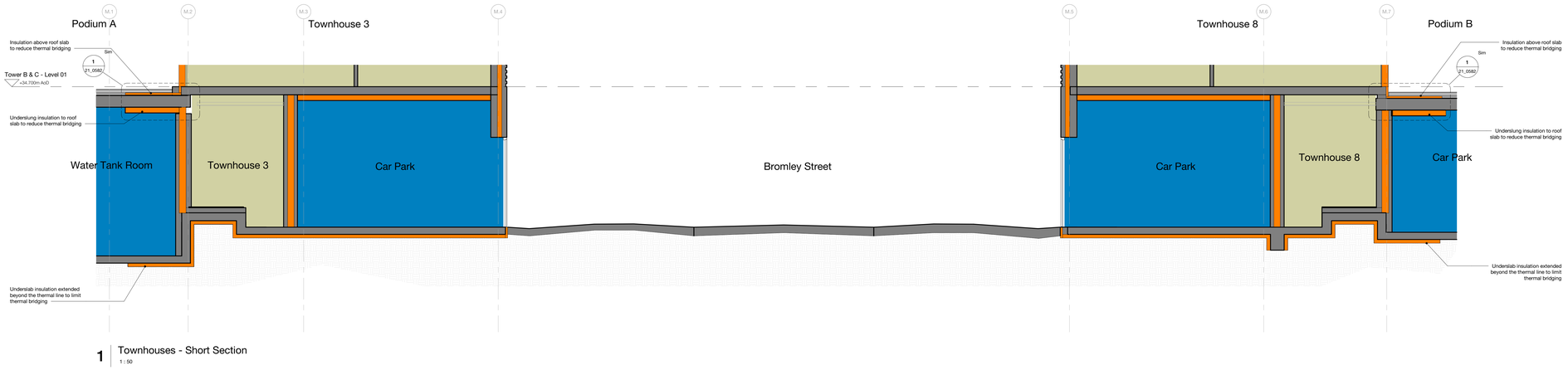
Rev	Description	Date
P1	Initial Issue for Stage 3B	06.11.20

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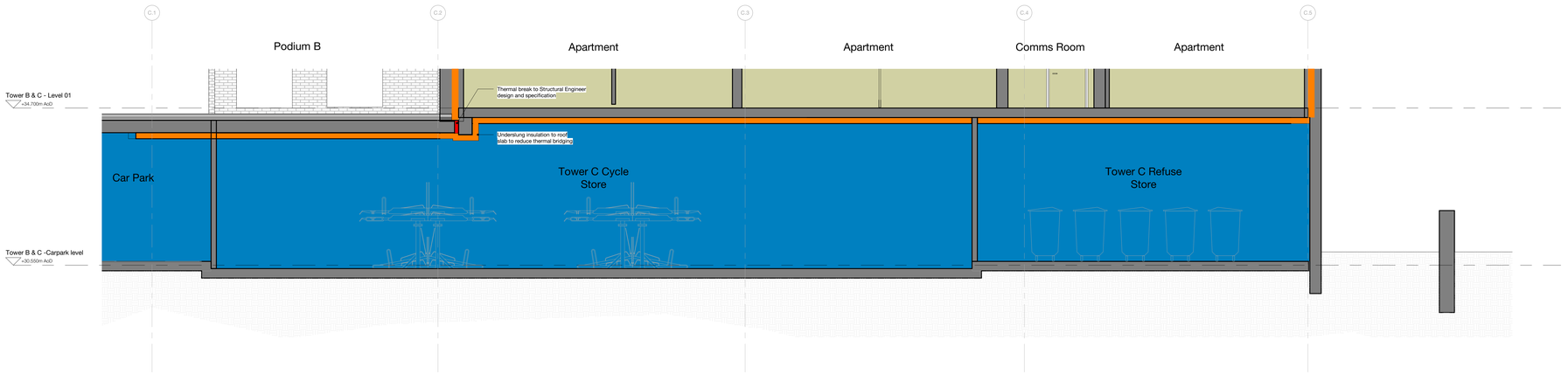
Scale @ A0: As indicated	Date: Oct 2020	Job Number: 18059	Project: Victoria Riverside, Dantzic Street, Manchester
Drawn By: PD	Checked By: JK	Status: S2	
Drawing No.: VRS-HBA-SW-XX-DR-A-14_0301	Rev: P1	Purpose of Issue: Information	Drawing: Waterproofing Scoping Sections - Sheet 1 of 2

3C Tariff Street
Manchester M1 2FF
mail@hawkinsbrown.com
hawkinsbrown.com

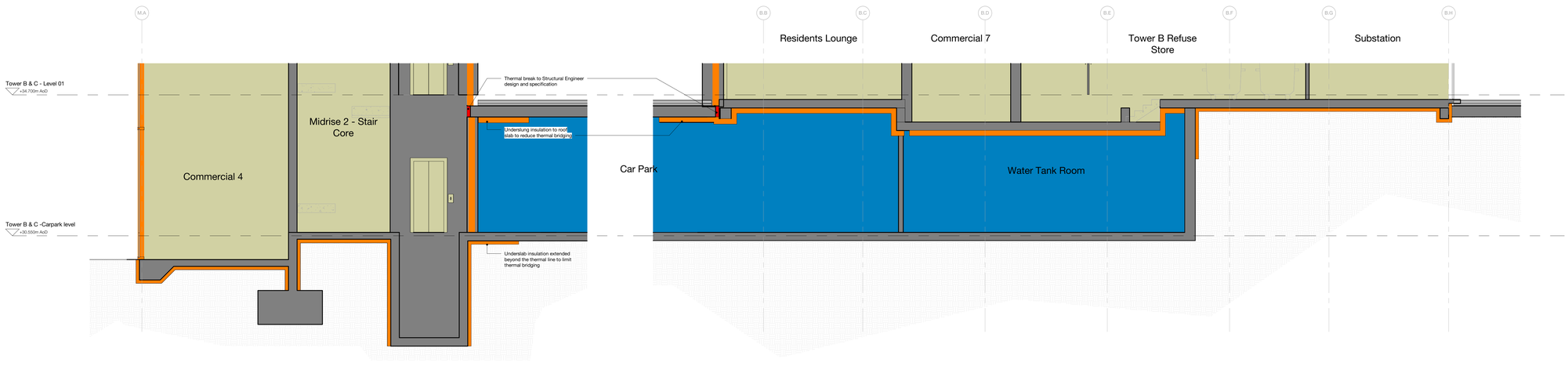
Hawkins\ Brown



1 Townhouses - Short Section
1 : 50



2 Tower C / Podium - Short Section
1 : 50



3 Mid Rise M2 / Podium / Tower B - Long Section
1 : 50

Environmental Design Requirements:-

The below setout the requirements for the grade of the Basement / Internal Spaces using the classifications from *BS 8102:2009 'Code of Practice for Protection of Below Ground Structures Against Water From the Ground'*. This drawing outlines performance requirements which should be designed to by the Waterproofing Design Specialist (see Waterproofing Systems Design Responsibility below), as below:-

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GRADE 2
GRADE 1

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Thermal Line
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Demountable barrier

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A combined system - Type A and Type B, Type A and Type C or Type B and Type C

To be read inconjunction with:-

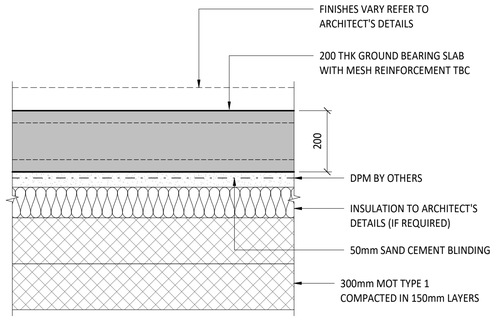
Please refer to Architectural Specification and Structural Engineer Specification for Structural Waterproofing performance requirements.

Rev	Description	Date
P1	Initial Issue for Stage 3B	06.11.20

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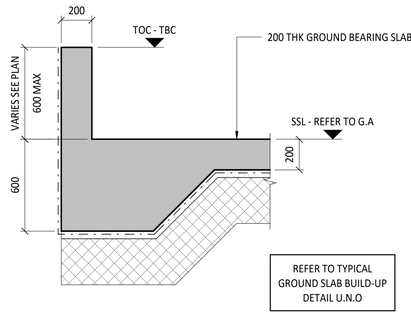
Scale @ A0: As indicated	Date: Oct 2020	Job Number: 18059	Project: Victoria Riverside, Dantzic Street, Manchester
Drawn By: PD	Checked By: JK	Status: S2	
Drawing No.: VRS-HBA-SW-XX-DR-A-14_0302	Rev: P1	Purpose of Issue: Information	Drawing: Waterproofing Scoping Sections - Sheet 2 of 2

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Manchester M1 2FF
mail@hawkinsbrown.com
hawkinsbrown.com
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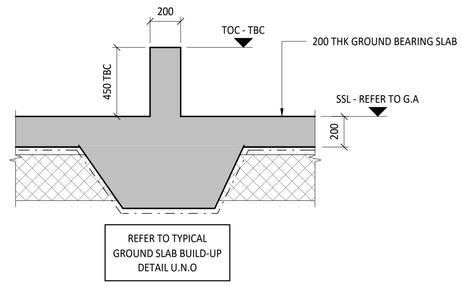
TYP1 - TYPICAL SLAB BUILD UP

SCALE: 1 : 10 @ A1



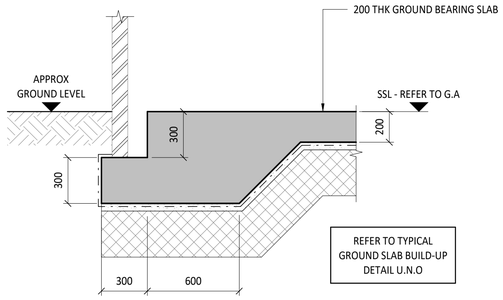
TYP2 - TYPICAL FLOOD DEFENCE UPSTAND - RC-UP-01

SCALE: 1 : 20 @ A1



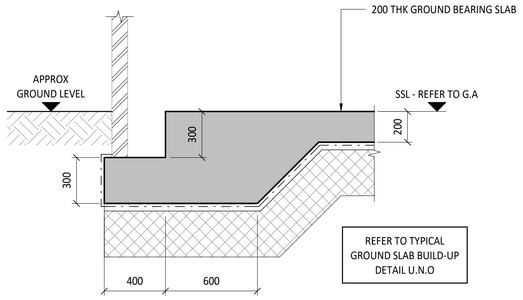
TYP3 - TYPICAL CAR PARK BARRIER UPSTAND - RC-UP-02

SCALE: 1 : 20 @ A1



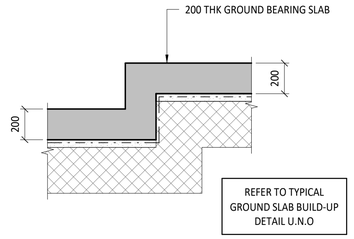
TYP4 - TYPICAL EDGE THICKENING WITH TOE

SCALE: 1 : 20 @ A1



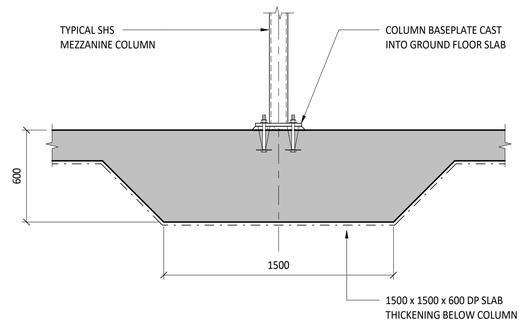
TYP5 - TYPICAL EDGE THICKENING WITH TOE (AT PIER)

SCALE: 1 : 20 @ A1



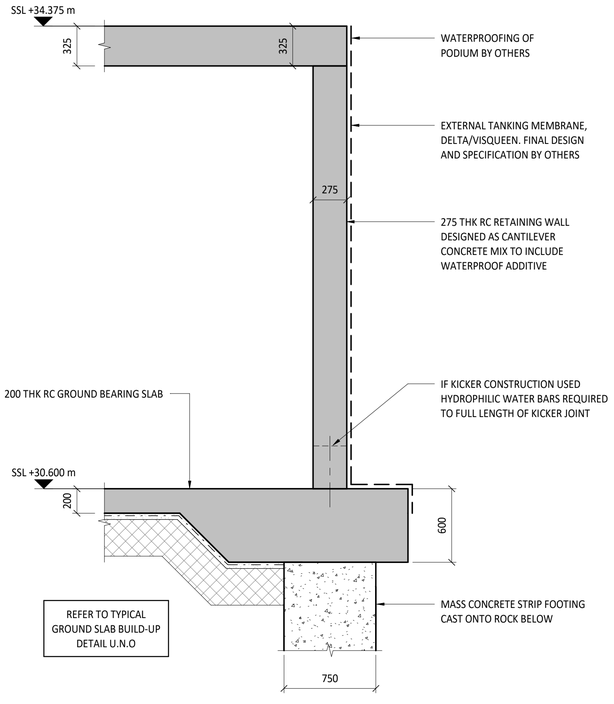
TYP6 - TYPICAL SLAB FOLD DETAIL

SCALE: 1 : 20 @ A1



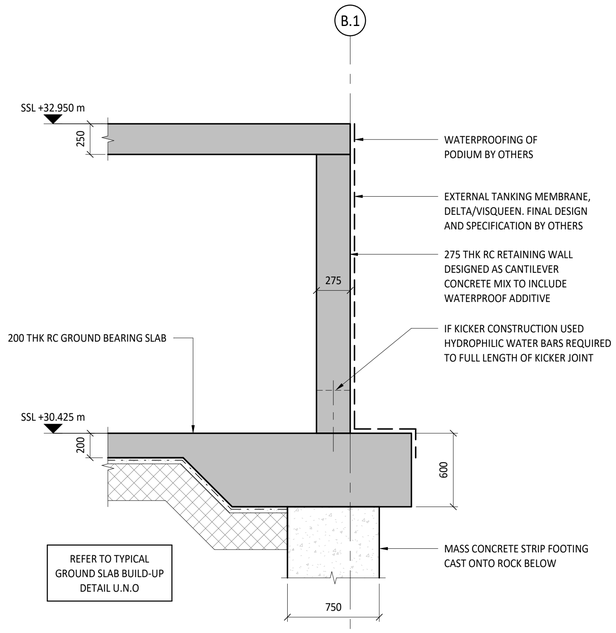
TYP7 - TYPICAL MEZZANINE COLUMN BASE DETAIL

SCALE: 1 : 20 @ A1



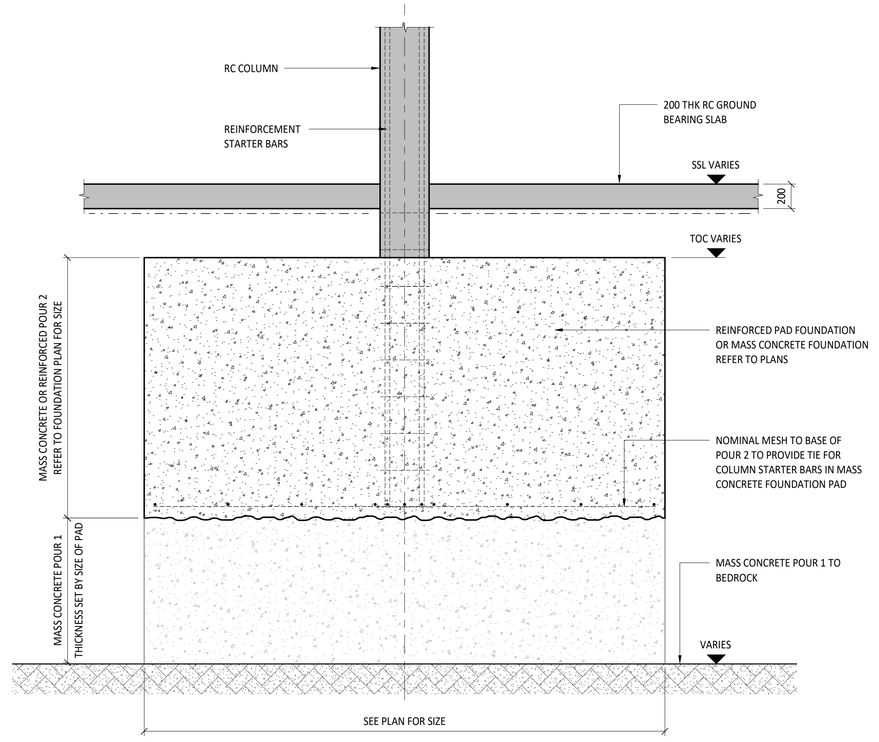
SECTION RW1

SCALE: 1 : 25 @ A1



SECTION RW2

SCALE: 1 : 25 @ A1



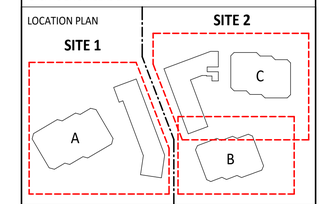
TYPICAL PAD FOUNDATION POUR SEQUENCE

SCALE: 1 : 25 @ A1

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2.THIS DRAWING SHOULD NOT BE SCALED.
3. ALL DIMENSIONS ARE TO BE VERIFIED BY THE CONTRACTOR ON SITE.
4. ALL DISCREPANCIES SHOULD BE REPORTED TO C.A. PRIOR TO THE COMMENCEMENT OF WORKS.
5. ALL DIMENSIONS IN mm, ALL LEVELS IN m U.N.O.

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LOCATION PLAN



NOTES

Date	Rev	Description	Drawn	Chkd
20.11.20	P02	STAGE 3B UPDATE	MJF	DP
06.11.20	P01	STAGE 3B ISSUE	MJF	DP

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LONDON Reeds Wharf, 33 Mill Street, London SE1 2AX. Tel: 020 7253 2977
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www.civicengineers.com

Project
VICTORIA RIVERSIDE, DANTZIC STREET MANCHESTER

Title
SUBSTRUCTURE DETAILS - SHEET 1

Status
INFORMATION

Project Number	Scale @ A1	Date Created	Drawn	Checked	Suitability
1127-01	Varies	Nov 20	MJF	DP	S1

Drawing Number
VRS-CIV-00-XX-DR-S-5101

Revision
P02

APPENDIX D

Extracts from Previous Site Investigation Report

GAS AND WATER MONITORING RESULTS

	Date:	29-Nov-14	10-Jan-14	19-Jan-14									
	Visit Number	1	2	3	4	5	6	7					
	Atmos Press mb	1011	1007	1008									
	Pressure Trend	STEADY	STEADY	RISING									
	Air Temp °C	8	7	5									
	Cloud cover	OVERCAST	OVERCAST	OVERCAST									
	Wind velocity	LIGHT	STRONG	MODERATE									
	Precipitation	DRY	DRY	DRY									
	State of Ground	DRY	DAMP	DAMP									
BH1	CH_4 (%) (max/steady):	NIL	NIL	NIL									
	CO_2 (%) (max/steady):	NIL	0.5	0.6									
	O_2 (%) (max/steady):	19.5	17.6	18.0									
	H_2S (ppm) (max/steady):	NIL	NIL	NIL									
	CO (ppm) (max/steady):	NIL	NIL	NIL									
	PID (ppm) (max/steady)	NIL	NIL	NIL									
	Flow (l/hr) (max/steady)	<0.1	<0.1	<0.1									
	Water Level / depth to base (m):	3.62	3.46	3.51									
BH2	CH_4 (%) (max/steady):	NIL	NIL	NIL									
	CO_2 (%) (max/steady):	NIL	1.1	1.2									
	O_2 (%) (max/steady):	19.8	12.9	15.9									
	H_2S (ppm) (max/steady):	NIL	NIL	NIL									
	CO (ppm) (max/steady):	NIL	NIL	NIL									
	PID (ppm) (max/steady)	NIL	NIL	NIL									
	Flow (l/hr) (max/steady)	<0.1	<0.1	<0.1									
	Water Level / depth to base (m):	3.41	DRY	DRY									
BH3	CH_4 (%) (max/steady):	NO INSTALLATION	NIL	NIL									
	CO_2 (%) (max/steady):	NO INSTALLATION	0.9	0.8									
	O_2 (%) (max/steady):	NO INSTALLATION	17.7	18.4									
	H_2S (ppm) (max/steady):	NO INSTALLATION	NIL	NIL									
	CO (ppm) (max/steady):	NO INSTALLATION	NIL	NIL									
	PID (ppm) (max/steady)	NO INSTALLATION	NIL	NIL									
	Flow (l/hr) (max/steady)	NO INSTALLATION	<0.1	<0.1									
	Water Level / depth to base (m):	NO INSTALLATION	3.55	3.52									
BH4	CH_4 (%) (max/steady):	NO INSTALLATION	NIL	NIL									
	CO_2 (%) (max/steady):	NO INSTALLATION	0.2	0.3									
	O_2 (%) (max/steady):	NO INSTALLATION	19.7	19.9									
	H_2S (ppm) (max/steady):	NO INSTALLATION	NIL	NIL									
	CO (ppm) (max/steady):	NO INSTALLATION	NIL	NIL									
	PID (ppm) (max/steady)	NO INSTALLATION	NIL	NIL									
	Flow (l/hr) (max/steady)	NO INSTALLATION	<0.1	<0.1									
	Water Level / depth to base (m):	NO INSTALLATION	3.62	3.58									
BH7	CH_4 (%) (max/steady):	NIL	NIL	NIL									
	CO_2 (%) (max/steady):	1.5	NIL	NIL									
	O_2 (%) (max/steady):	16.4	19.5	19.8									
	H_2S (ppm) (max/steady):	NIL	NIL	NIL									
	CO (ppm) (max/steady):	NIL	NIL	NIL									
	PID (ppm) (max/steady)	NIL	NIL	NIL									
	Flow (l/hr) (max/steady)	<0.1	<0.1	<0.1									
	Water Level / depth to base (m):	DRY	3.18	3.15									
BH10	CH_4 (%) (max/steady):	NO INSTALLATION	NIL	NIL									
	CO_2 (%) (max/steady):	NO INSTALLATION	NIL	NIL									
	O_2 (%) (max/steady):	NO INSTALLATION	19.7	19.9									
	H_2S (ppm) (max/steady):	NO INSTALLATION	NIL	NIL									
	CO (ppm) (max/steady):	NO INSTALLATION	NIL	NIL									
	PID (ppm) (max/steady)	NO INSTALLATION	NIL	NIL									
	Flow (l/hr) (max/steady)	NO INSTALLATION	<0.1	<0.1									
	Water Level / depth to base (m):	NO INSTALLATION	3.55	3.45									

Job No: 14/7780 | Site: DANTZIC STREET, MANCHESTER | Instrument: GA2000

Based across the UK with offices in Manchester, London, Liverpool and Glasgow.

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- Geotechnical
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- Invasive Species
- Land Remediation
- Project Management
- Land Drilling

Appendix C Risk Assessment Method Statement (Enabling Works).

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Victoria Riverside –

Manchester RAMS 02-Rev1

Enabling works and Installation of working platform

Prepared By	David McPherson	D McPherson	14/04/2021
Authorised By			

Revision Status		
Rev.	**Date**	**Description**
1	14/04/2021	Issued for comment/approval

1.0 Introduction

This method statement and risk assessment is for the enabling works and installation of working platform works at Victoria Riverside, Manchester M4 4DD.

All operations will be completed during the designated site hours (Mon-Fri 07:30-17:30, and Sat 08:00-13:00 with prior arrangement). All relevant noise regulations/restrictions will be observed.

All personnel undertaking the works set out in this method statement will have attended a site safety induction. During this induction they will be briefed on, safe access routes, emergencies, muster point and first aiders.

Works are planned to commence on 14/04/2021.

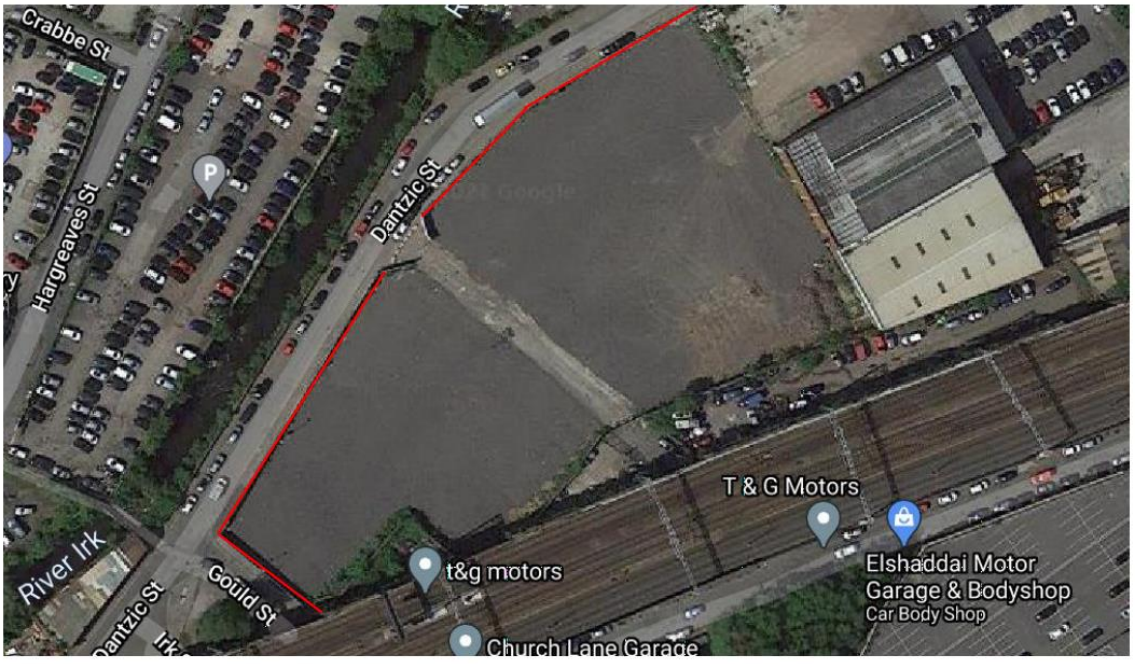
2.0 Scope of works

The scope of work contained in the method statement encompasses the following:

- Excavation of made ground and disposal from site using preferred contractor.
- Site foreman to monitor ground conditions for any hazard material or for any site won materials to be used later for backfilling.
- Excavating around obstructions (Pile caps, pad foundations and existing piles) recording positions and removal using pneumatic breakers and concrete pulverizer.
- Removal of any hazardous materials as per the local authority conditions.
- Installation of working platform to as per design and levels provided.

Site Plan

Victoria Riverside, Dantzic Street, Manchester. M4 4DD.



0.0 Safe Method and Sequence of Work

1.1 All HCPL personnel are required to attend a project specific induction.

2.2 Ensure Risk Assessments are carried out and personnel briefed on Method Statement prior to works commencing. Once briefing is completed, Method Statement & Risk Assessment briefing attendance record forms to be completed. Daily briefing will take place to ensure all operatives are aware of their tasks and the specific risks associated with them.

3.3 Welfare Facilities are provided by HCPL (Canteen, Drying Room and Toilets). Pedestrian routes will be established to and from the workplace and must be always kept clear. All operatives will be made aware of emergency routes and procedures during site induction.

Dust Suppression and Cleaning of roads.

4.4 HCPL will be responsible for the dust suppression on site and cleaning any mess left on the surrounding roads.

5.5 HCPL will also employ a contractor to install dust and noise monitors at certain location around the site. Weekly reports will be issued, and a base line reading agreed so once a specific reading is recorded the management team will receive notification by text or email and the procedure implemented.

6.6 Depending on the weather i.e., hot spells the operatives will use a jet wash or sprinkler head to spray a mist over the road leading to gate 1.

7.7 The Jet wash will be filled from the site water supply situated inside gate 1.

8.8 A road sweeper will also be used to keep the surrounding roads clean and tidy and the haul road inside the site.

9.9 The general foreman will call in the road sweeper as required, and all waste will be disposed of either in and agreed area or taken back to the registered tip with all relevant paperwork in place.

Loading/Unloading and traffic management of Haulage wagons.

10.10 The wagons will come to Gate 1and will be meet by the Gateman/Traffic Marshal, who will issue a site induction (if it is the first time on site).

11.11 The wagons will then follow the traffic route as advised by the traffic marshal and make his way to the applicable stockpile, excavation or unloading area.

12.12 The wagons should always try to remain on the hard standing (Bromley St) to avoid tracking dirt onto the main road (Dantzic St).

13.13 When filling wagons the excavator operator will sit the excavator on top of the stockpile for ease of loading and better visibility.

14.14 The excavator operator should take care not to come into contact with the tipper body and should never load over the cab or swing over operatives' heads.

15.15 The operator should listen to the driver's weight alarm sound to know when the wagon is full or wait for indication from the driver, Care should be taken not to overfill the wagon near the sides and push any high materials down before the driver moves away.

16.16 Once any loose material is removed the driver should place the cover over the contents as driving away, this will reduce dust on the site.

17.17 The gateman should sign the ticket upon the wagon exiting site and retaining the tickets in order, the tickets should be taken to the office at end of shift or as agreed with General Foreman.

Removal of existing made ground, concrete, and tarmac.

18.18 During the Site investigation evaluation, a large amount of brick and concrete structures were identified around the site see attached drawing, the remaining concrete bases will be removed using either breakers or concrete crushers.

19.19 To commence works the existing bund of materials will be stockpiled in a corner and sealed to prevent dust blowing around site.

20.20 The Engineer will set out the location of existing caps and allowing for the batter to be formed around the work area.

21.21 Any tarmac from this section of land can be removed from site using preferred contactor.

22.22 The wagons will come to the site entrance at gate 1 and be backed onto site by a trained traffic marshal.

23.23 The wagons will always remain on the hard standing to prevent any materials been transport on to the public roadway.

24.24 Signage and pedestrian walkways to be established to separate activities.

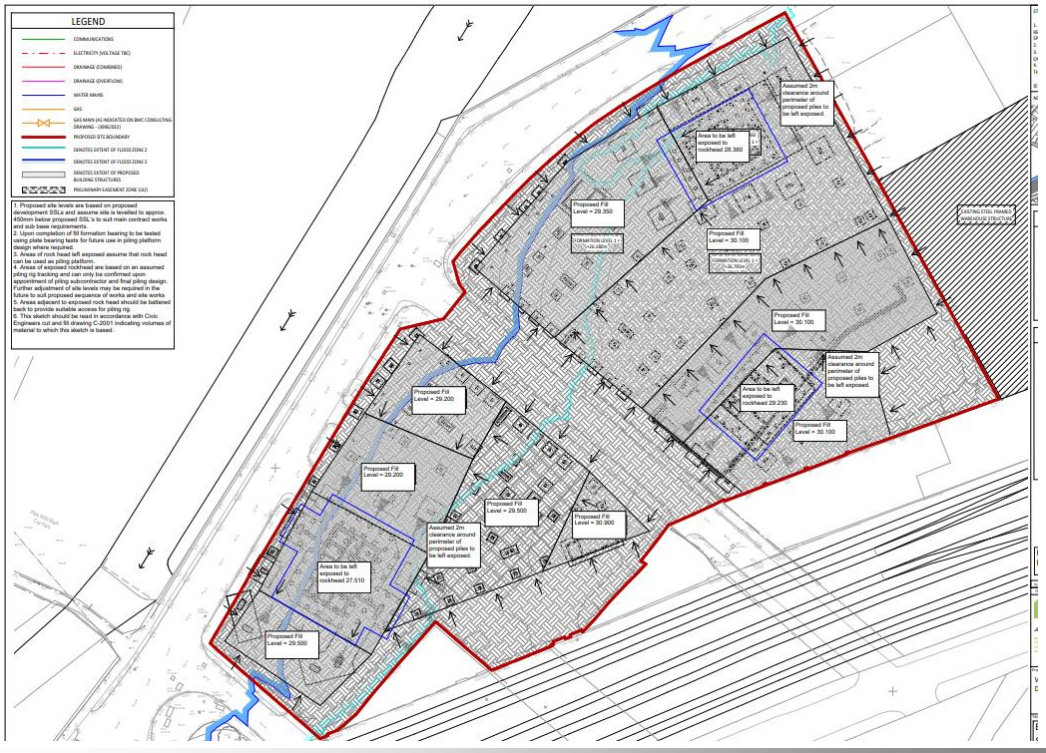
25.25 The operators will do their best to separate the materials as they excavate and not mixed good materials with spoil.

26.26 Once a section of pile caps is exposed the operator will start to break the concrete using the pneumatic breaker, once this commencing a decision will be made to continue with the breakers or start using a concrete pulverizer to break concrete as this will reduce the site noise.

27.27 The second excavator will be used to load wagons and pull back the material build up from the breaker.

28.28 During this operation, the engineer will mark out the location of the new caps and any obstructions can be removed.

29.29 This process will be repeated until all the identified obstruction have been removed working from one area to another.





Excavation of and installation of working platform

30.30 Once the area identified has been reduced and concrete removed the area can be build back up as per the design of the piling mat or working platform.

31.31 On completion of proof digging all the materials reclaimed will be stock piled on site.

32.32 The 6f2 material can then be imported and tipped directly onto the pile mat area where the excavator will spread the loads in 150mm layers and tracked in.

33.33 The layers should then be rolled and compacted using the roller.

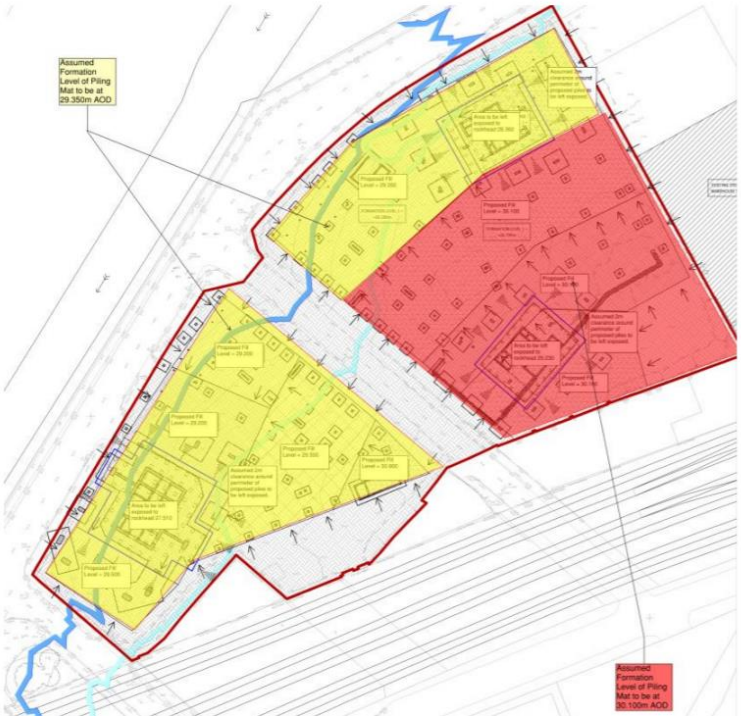
34.34 Any terram, geotextile required should be placed at the correct levels as identified by site Engineer.

35.35 Depending on the design it is possible that granular fill will be required at a certain depth and then capped of with a 6f2 wearing layer.

36.36 The final layer should be graded off and compacted approx.… 100mm higher than required, this should then get graded off to the correct level using a laser to carry out spot checks.

37.37 The final formation should then be rolled once more and agreed testing procedure followed before any working certificates passed to the follow-on contractor'.

Fill Levels as Agreed by Civic Engineers:



4.0 Hazards Identified

- Plant, machinery, and handheld work equipment
- Manual handling
- Slips/Trips/Falls
- Hot works
- Working with concrete (CoSHH)
- Dust from breaking concrete
- Noise
- Contact with the public.
- Traffic Management
- Working at height (Top of batters)
- Probing and Excavation (buried services)
- Ground contamination
- Weils Disease
- Ground or structural movement

These hazards have been identified and adequate control measures are detailed in the Risk Assessment.

5.0 Access and Egress

Access to site is from Dantzic Street on to the main site.
There are no parking spaces provided for sub-contractors in the site compound.
Pedestrian access to be clearly identified and kept clear of all debris and materials.
Area around workplace to be kept clear of all debris or materials to avoid slips and trips.

6.0 Permits to Work.

Hot works permits for cutting any rebar and Permit to dig required for all machines.

7.0 Supervision

Project Manager	David McPherson
General Foreman	M McDonagh
Supervisor	R Kaminskas

Any changes to this method statement or procedures will be addressed to David McPherson and he will ensure that appropriate action is taken.

8.0 Workforce

- 1 x Project Supervisor (SMSTS)
- 1 x General Foreman (SMSTS)
- 1 x Trade Supervisor
- 3 x CPCS/NPORS operator
- 1 x Traffic Marshal
- 2 x Joiner
- 1 x Site Engineer

9.0 Health and Safety Monitoring

Daily	The Foreman/Engineer will monitor health and safety compliance on an on-going basis and record their findings on the Daily Site Diary.
Weekly	The Project Manager/Foreman will carry out a safety inspection once a week at a convenient time and record and action their findings.
Monthly	The Contracts Manager/Safety Advisor will carry out a safety inspection once a month and report their finding to the Project Manager for action where necessary.

10.0 Training

- Operatives – 100% with CSCS General Operative
- First Aid at Work
- Supervisors to be SSSTS trained as a minimum
- Face fit testing when required
- Manual handling
- CAT cable avoidance survey training

Copies of training certificates are maintained in site office.

11.0 PPE

11.1 Minimum Requirement:

- Hard Hat
- Hi visibility vest.
- Safety footwear (SB3 as a minimum)
- Gloves
- Safety glasses

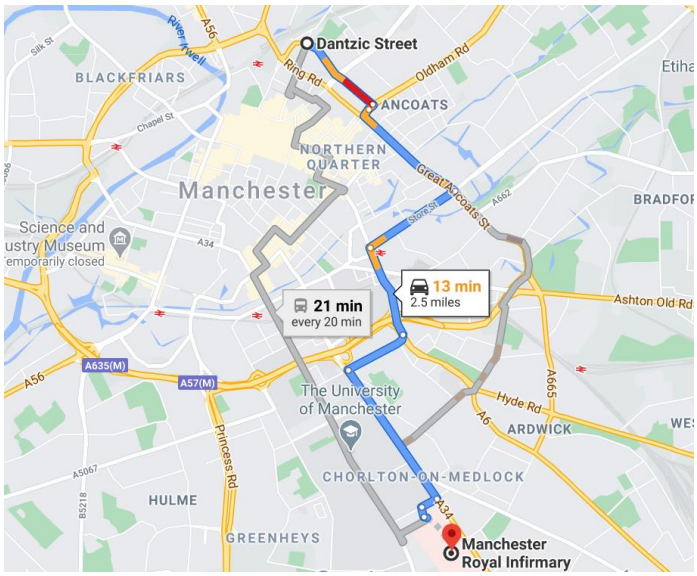
12.0 Emergency Procedures

Emergency procedures and muster points will be advised during Site Induction.

Hospital: Manchester Royal Infirmary

Address: Oxford Rd, Manchester M13 9WL

Telephone No: 0161 276 1234



13.0 Environmental Controls

13.1 Noise

All works will be undertaken between 07:30 and 17:30.

14.0 Hazardous Substances

Concrete is addressed in the RA.

15.0 Health Surveillance

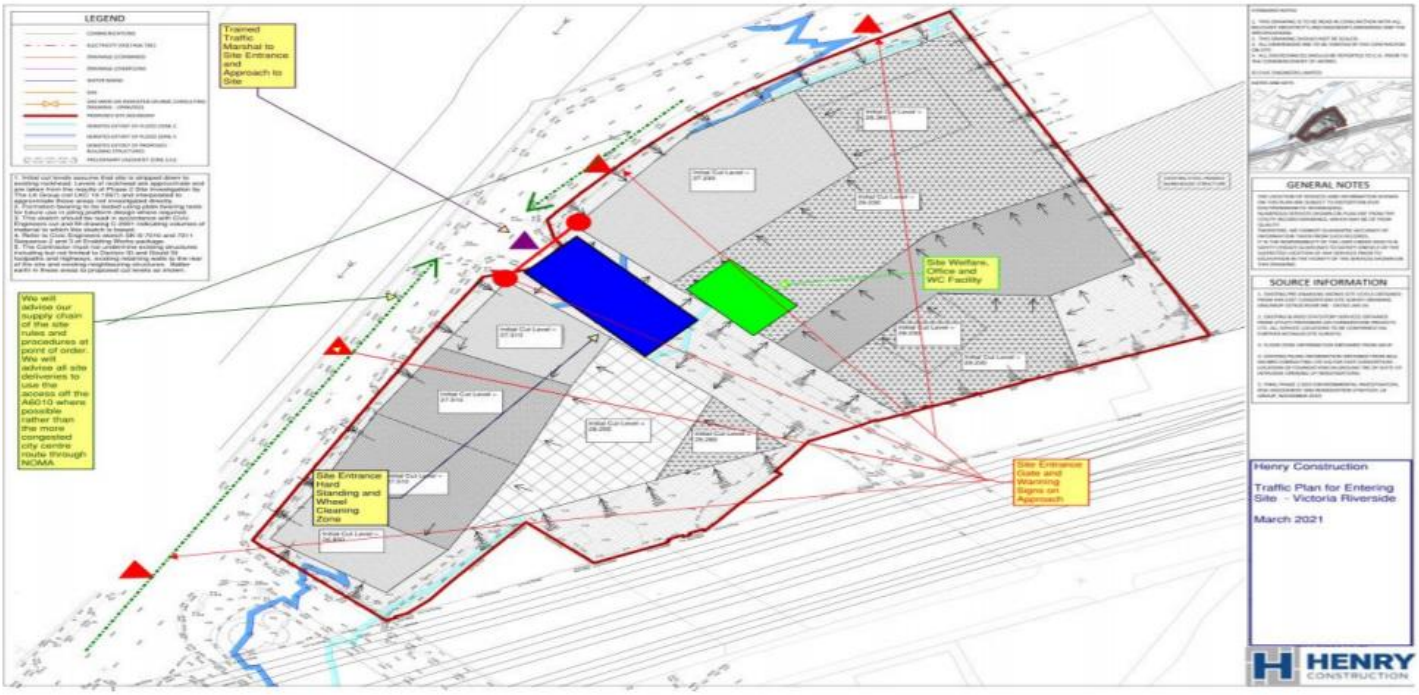
No health surveillance is required for these works.

16.0 Public Interface

Noise ad Dust monitoring will be carried out.

17.0 Traffic Management Methodology

All deliveries will be controlled by the gateman at gate 1, no unauthorized vehicles or persons will be allowed to enter the site.



RAMS Briefing Attendance Record			
Briefing Carried Out by:	Martin McDonagh	**Position:**	General Foreman
Name	**Occupation**	**Signature & Date**	
Peter Conroy	Excavator driver		
L Mason	Ground worker / plant driver		
Raimundas Kaminskas	Supervisor		
Laurynas Auzelis	Joiner Labourer		
Mindagas Sarkunas	Joiner Labourer		
Mike Lowry	Site Engineer		
Peter Hynes	Traffic Marshall		
Ollie Finnan	Excavator Driver		

HENRY CONSTRUCTION	Enabling works and installation of working platform		
	Page : 11 **of** 13	**Contract No: P1294**	**Date : 14/04/2021**
RISK ASSESSMENT RECORD No. RAMS-02 Rev 1	**Victoria Riverside - Manchester**		

HAZARD	HAZARD	PERSONS AT RISK	SEVERITY x PROBABILITY =	APPROPRIATE CONTROLS OR CONTROLS IN USE	RESIDUAL RISK
Cuts to hands	Minor Injury	Cuts to hands	Minor Injury	Wear gloves when handling materials. Grind off sharp edges created during cutting or damaged. HCPL operative not interfere with any guards or safety mechanisms affecting the safe use and operation of the equipment. Blades to be replaced by a competent person	3 x 1 = Low
Slip, trips or falls	Severe injury	All Site Personnel	5 x 3 = 15	Ensure good housekeeping always maintained. Deliver materials close to working area. 110v cable to be covered or routed to prevent slips, trips and falls No unauthorised access. Access routes to be set up and defined using crowd barriers	5 x 1 = Low
Manual Handling	Strains, severe injury	Site Operatives	3 x 5 = 15	Use mechanical lifting where possible, otherwise carry out assessment. Ensure person can lift specific load and is comfortable to do so. Two-man lift preferred at all times of weight or length/size. Ensure safe lifting technique is adhered to. Materials to be delivered close to work area.	3 x 2 = Low

FINAL ASSESSMENT :

Prepared By :

David McPherson	**D McPherson**	**07-04-2021**
(PRINT)	(SIGN)	(DATE)

SEVERITY	LIKELIHOOD	
1. NEGLIGIBLE	**1. VERY RARE**	**1 – 8 LOW**
2. MINOR	**2. REMOTE**	
3. NOTIFIABLE	**3. OCCASIONAL**	**9 – 16 MEDIUM**
4. MAJOR	**4. REGULAR**	
5. FATALITY	**5. FREQUENT**	**18 – 36 HIGH**
6. MULTI-FATAL	**6. ALMOST CERTAIN**	

RISK ASSESSMENT RECORD No. RAMS-02 Rev 1

Victoria Riverside - Manchester

HAZARD	HAZARD	PERSONS AT RISK	SEVERITY x PROBABILITY =	APPROPRIATE CONTROLS OR CONTROLS IN USE	RESIDUAL RISK
Concrete splashing into eyes/onto skin.	Concrete splashing, Eye injury, skin burns.	Site operatives and visitors	5 x 4 = 20	PPE to be always worn. Glasses are per specified. PVC gloves to be used when handling concrete. Ensure concrete working area is an exclusion zone. Keep pokers in concrete to required deep to help prevent splashes	5 x 1 = Low
Working at height	Serious injury	Operatives and pedestrians	5 x 4 = 20	All excavations to be always barriered off, operatives to use access ramps and steps. Do not leave the excavation by walking up the batter	5 x 1 = Low
Buried services	Serious injury, electrocution, burns,	Operatives	5 x 4 = 20	Area to be CAT scanned and marked up in accordance with HSG47 avoidance of underground services and permit to break ground issued before work commences.	5 x 1 = Low

FINAL ASSESSMENT :

Prepared By :

David McPherson	**D McPherson**	**07-04-2021**
(PRINT)	(SIGN)	(DATE)

SEVERITY	LIKELIHOOD	
1. NEGLIGIBLE	**1. VERY RARE**	**1 – 8 LOW**
2. MINOR	**2. REMOTE**	
3. NOTIFIABLE	**3. OCCASIONAL**	**9 – 16 MEDIUM**
4. MAJOR	**4. REGULAR**	
5. FATALITY	**5. FREQUENT**	**18 – 36 HIGH**
6. MULTI-FATAL	**6. ALMOST CERTAIN**	

HAZARD	HAZARD	PERSONS AT RISK	SEVERITY x PROBABILITY =	APPROPRIATE CONTROLS OR CONTROLS IN USE	RESIDUAL RISK
Excavator	Serious injury, crush, impact injuries, Injuries cause by overturning	Site operatives Operators	5 x 4 = 20	Ground worker to direct operator, always use designated walkways, always approach the 360 excavators from the cab side and get the thumbs up from driver before entering the area. Ensure the hydraulics and breaks are fully functional before using dumper. Avoid turning the vehicle with the skip raised or across slopes. Ensure the roll over protection is secured in place and in good condition. When using an excavator to load always ensure the tracks are in line with the machine and that the ground underneath is level and secure. When tracking up batters only use machine as per the duty charts.	5 x 1 = Low

FINAL ASSESSMENT :

Prepared By :

David McPherson	**D McPherson**	**07-04-2021**
(PRINT)	(SIGN)	(DATE)

SEVERITY	LIKELIHOOD	
1. NEGLIGIBLE	**1. VERY RARE**	**1 – 8 LOW**
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RISK ASSESSMENT RECORD No. RAMS-02 Rev 1

Victoria Riverside - Manchester

HAZARD	HAZARD	PERSONS AT RISK	SEVERITY x PROBABILITY =	APPROPRIATE CONTROLS OR CONTROLS IN USE	RESIDUAL RISK
Vibrating equipment	Vibration white finger	All site operatives	5 x 4 = 20	HCPL will endeavor to procure plant and tools with. Dampened / reduced vibration magnitudes for use on sites. The vibration magnitude will be sort from the manufacturer / supplier and inputted in to the HSE vibration calculator to achieve the maximum allowable usage time in an 8-hour period. This maximum time must not be exceeded per operative & will be monitored by the supervisor. Operatives will be rotated as necessary during the shift. If operatives are unsure of trigger times stop using the tool and ask Supervisor for the trigger times for the tool you are using.	5 x 1 = Low
Lifting operations with excavator	Overloading of lifting accessories cause load to fall and possible death	Site operatives	5 x 4 = 20	Lifting attachments not to be overloaded and the maximum lifting capacity to be briefed to the lifting team by the appointed person when briefing the site lift plan for excavators. Attachments to be kept in a secure box to prevent damage when not in use. Attachments to be inspected by competent person on daily basis. Lift plan to be developed.	5 x 1 = Low

FINAL ASSESSMENT :

Prepared By :

David McPherson	**D McPherson**	**07-04-2021**
(PRINT)	(SIGN)	(DATE)

SEVERITY	LIKELIHOOD	
1. NEGLIGIBLE	**1. VERY RARE**	**1 – 8 LOW**
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RISK ASSESSMENT RECORD No. RAMS-02 Rev 1

Victoria Riverside - Manchester

HAZARD	HAZARD	PERSONS AT RISK	SEVERITY x PROBABILITY =	APPROPRIATE CONTROLS OR CONTROLS IN USE	RESIDUAL RISK
Falling Materials from Vehicles	Crush	Site operatives and pedestrians	5 x 4 =20	Materials to be stacked & secured and deliveries to be turned away if deemed unsafe. Unloading to take place clear of the public. Plant items for use in unloading to be inspected and certified. Certified Slingers to attach loads with Tested and certified lifting accessories. Excavators used as cranes must comply with HSE approved CPA documents. HIABS to be utilised & loads attached without the need to work at height.	5 x 1 = 5
Ground Contamination – Health Hazards via inhalation; injection; ingestion; absorption	Health hazards	Site operatives	5 x 4 =20	Following a desk study and site investigation ground contaminants may exist which pose health risks to operatives. Dependent on the types and residual levels discovered an appropriate action plan will be formulated to be implemented on site. This may include an Asbestos trained supervisor to monitor the ground for signs of ACMs for example. This monitor will be sufficiently competent to complete their designated activities on site. Should ground contaminants be found or suspected, work in the area will be suspended. Excavations will be closed as soon as practicable and	5 x 1 = 5

FINAL ASSESSMENT :

Prepared By :

David McPherson	**D McPherson**	**07-04-2021**
(PRINT)	(SIGN)	(DATE)

SEVERITY	LIKELIHOOD	
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6. MULTI-FATAL	**6. ALMOST CERTAIN**	

RISK ASSESSMENT RECORD No. RAMS-02 Rev 1

Victoria Riverside - Manchester

HAZARD	HAZARD	PERSONS AT RISK	SEVERITY x PROBABILITY =	APPROPRIATE CONTROLS OR CONTROLS IN USE	RESIDUAL RISK
				sealed with permanent works and any dust created, during the activity will be controlled by dampening down the area using water. Weil's disease is an ever-present risk and therefore operatives should be advised on covering cuts & grazes along with good hygiene practices and PPE	
Ground or structural movement causing collapse	Serious injury/ Commercial damage	Site operatives and Company	5 x 4 = 20	Specialist advice to be sort where necessary for ground support utilising proprietary plant & equipment based on ground / activity circumstances. All excavations will be completed in line with good practice at the minimum size achievable considering exclusion zones. These will be cut back to a safe angle of repose or stepped as required. Where the sides are not to be completed as above further assessment will be required by the temporary works coordinator considering the stability of the ground, surcharges for adjacent activities etc. Arising's to be stockpiled a minimum of two times the depth of the excavation.	5 x 1 =20

FINAL ASSESSMENT :

Prepared By :

David McPherson	**D McPherson**	**07-04-2021**
(PRINT)	(SIGN)	(DATE)

SEVERITY	LIKELIHOOD	
1. NEGLIGIBLE	**1. VERY RARE**	**1 – 8 LOW**
2. MINOR	**2. REMOTE**	
3. NOTIFIABLE	**3. OCCASIONAL**	**9 – 16 MEDIUM**
4. MAJOR	**4. REGULAR**	
5. FATALITY	**5. FREQUENT**	**18 – 36 HIGH**
6. MULTI-FATAL	**6. ALMOST CERTAIN**	

HAZARD	HAZARD	PERSONS AT RISK	SEVERITY x PROBABILITY =	APPROPRIATE CONTROLS OR CONTROLS IN USE	RESIDUAL RISK
				Stop blocks to be utilised were plant to approach excavation. Suitable access & escape must be provided with a footed / tied ladder as a minimum extended 5 rungs above ground level. Periodic inspection of platforms will be completed, and defects rectified	
Noise	Disturbance, Tinnitus, noise induced hearing loss	Public/Neighbours and site operatives	5 x 4 = 20	HCP Ltd will comply with any local & council noise restrictions. HCPL will endeavor to procure dampened equipment where practicable. Noise hazards created during the activities will be reduced for uninvolved site operatives via the erection of a suitable exclusion zone. PPE will be offered and available. For operatives involved in the activity suitable hearing protection will be provided and enforced as necessary	5 x 1 = 5

			SEVERITY	LIKELIHOOD	
FINAL ASSESSMENT :			**1. NEGLIGIBLE**	**1. VERY RARE**	**1 – 8 LOW**
Prepared By :			**2. MINOR**	**2. REMOTE**	
			3. NOTIFIABLE	**3. OCCASIONAL**	**9 – 16 MEDIUM**
David McPherson	**D McPherson**	**07-04-2021**	**4. MAJOR**	**4. REGULAR**	
			5. FATALITY	**5. FREQUENT**	**18 – 36 HIGH**
(PRINT)	(SIGN)	(DATE)	**6. MULTI-FATAL**	**6. ALMOST CERTAIN**	

RISK ASSESSMENT RECORD No. RAMS-02 Rev 1

Victoria Riverside - Manchester

HAZARD	HAZARD	PERSONS AT RISK	SEVERITY x PROBABILITY =	APPROPRIATE CONTROLS OR CONTROLS IN USE	RESIDUAL RISK
Waste Removal	Health hazard/ Company penalty	Operatives	4 x 4 =16	HCPL will endeavour to segregate waste into specific skips where space allows: Where space does not allow good segregation of the non-hazardous items a general skip will be utilised to be segregated at a local transfer station and levels of recycling monitored. Any Hazardous waste will be removed from site by a licensed operator with the relevant consignment notes and duty of care notices retained by site.	4 x 1 =4
Material stockpiles	Dust /Colapse	Public and Site operatives	4 x 4 =16	Be delivered / removed in line with traffic management plans. Stockpiles of site won, or imported material will be afforded areas large enough for safe angles of repose to reduce the risks: - Of Plant items overturning whilst maintaining - Of damage to existing structures / excavations / site pedestrian routes from the surcharge created. - Of run off material / surface water to other areas Site to order the minimum requirements for the task in Hand and where possible cover smaller stockpiles with tarpaulins / spray with water periodically	4 x 1=4

FINAL ASSESSMENT :

Prepared By :

David McPherson	**D McPherson**	**07-04-2021**
(PRINT)	(SIGN)	(DATE)

SEVERITY	LIKELIHOOD	
1. NEGLIGIBLE	**1. VERY RARE**	**1 – 8 LOW**
2. MINOR	**2. REMOTE**	
3. NOTIFIABLE	**3. OCCASIONAL**	**9 – 16 MEDIUM**
4. MAJOR	**4. REGULAR**	
5. FATALITY	**5. FREQUENT**	**18 – 36 HIGH**
6. MULTI-FATAL	**6. ALMOST CERTAIN**	

HENRY CONSTRUCTION	Enabling works and installation of working platform		
	Page : 19 of 13	Contract No: P1294	Date : 14/04/2021
RISK ASSESSMENT RECORD No. RAMS-02 Rev 1	Victoria Riverside - Manchester		

HAZARD	HAZARD	PERSONS AT RISK	SEVERITY x PROBABILITY =	APPROPRIATE CONTROLS OR CONTROLS IN USE	RESIDUAL RISK
Abrasive wheels injury	Eye injury from flying particles/ cuts and abrasions	Site operatives	4 x 4 =16	Users to be trained accordingly in the specific items. Correct blades to be used i.e., steel or stone. Correct setting tools to be on site. Guards to always remain in place. User to be instructed on usage of correct methods, clothing & PPE i.e. use of clamps, no loose clothing and impact goggles to be donned + ear protection.	4 x 1 =4

			SEVERITY	LIKELIHOOD	
FINAL ASSESSMENT :			1. NEGLIGIBLE	1. VERY RARE	1 – 8 LOW
Prepared By :			2. MINOR	2. REMOTE	
			3. NOTIFIABLE	3. OCCASIONAL	9 – 16 MEDIUM
David McPherson	D McPherson	07-04-2021	4. MAJOR	4. REGULAR	
			5. FATALITY	5. FREQUENT	18 – 36 HIGH
(PRINT)	(SIGN)	(DATE)	6. MULTI-FATAL	6. ALMOST CERTAIN	

Appendix D Signed RAMS Briefing Sheet.

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RAMS Briefing Attendance Record			
Briefing Carried Out by:	Martin McDonagh	**Position:**	General Foreman
Name	**Occupation**	**Signature & Date**	
Peter Conroy	Excavator driver P CONROY		
L Mason	Ground worker / plant driver		15-4-21
Raimundas Kaminskas	Supervisor		15-4-21
Laurynas Auzelis	Joiner Labourer		15.4.21
Mindagas Sarkunas	Joiner Labourer		15.4.21
Mike Lowry	Site Engineer		15/4/21
PETER HYNES.	Traffic Marshall		19/4/21
MICHAEL MURRAY	Excavator Driver		19/4/21
Daniel Kosiba	Excavator Driver		28/4/21
T STRITCH	POP		
O FINNAN	POP		
WILL MURRAY.	ONEIL L BRENNAN.		13/07/21.

Appendix E Toolbox Talks.

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EXCAVATIONS

HENRY CONSTRUCTION

Instructor's Name:	Martin McDonagh	**Date Given:**	19.04.2021
Position:	General Foreman	**Contract No:**	P1294

Permit checks

	Yes	**No**		**Yes**	**No**
Are the utility dwg(s) attached to this permit?	x		Is there a danger of collapse or undermining adjacent structure/road etc.?		x
Site maintenance plans checked.	x		Will excavation support be required?		x
CAT scan survey carried out.	x		Is ground support available on site?		x
Underground services marked on site.	x		Will anyone enter the excavation?		x
Live services made dead as far as possible or necessary to do so?	x		Could water enter excavation?		x
Supervision informed of location services.	x		Could gas enter the excavation?		x
Trial holes dug.	x		Will a confined space permit be required?		x
Edge protection.	x		Are we reducing cover or protection over a gas line? If so, notify gas supplier.		x
Access / egress suitable.	x		Are we building a manhole, chamber or other structure over, around or under a gas line? If so, notify gas supplier.		x
Signage / barriers erected.	x		Emergency arrangements.	x	
Are there any overhead cables or other restrictions on the use of excavators/plant?		x	Is hand digging required?		x

Generic Information

Precautions

1. Before digging check for services – water, gas, electric – always treat as live until proven otherwise.
2. Excavations must be supported or battered back where necessary to prevent collapse.
3. Use ladders for access and egress, do not climb supports.
4. Fit edge protection around excavations to protect the general public, regardless of depth of excavation.
5. Keep spoil heaps back at least the depth of the excavation from the edge.
6. Ensure stop blocks are fitted when a vehicle or plant is tipping into an excavation and that they are guided by a signaller.
7. Wear your safety helmet at all times.

Excavations

8. Never throw tools or materials into an excavation, pass them hand-to-hand or lower them on a rope if too deep to pass.

9. Excavations must be inspected by a competent person prior to entry at the start of every shift.

10. The results of at least one inspection in every seven-day period must be recorded.

Causes of excavation accidents

1. Shoring not installed, or trench not battered back.

2. Operatives trying to jump across the excavation.

3. Unauthorised removal or alteration of supports or braces.

4. Operatives working beyond the supported area of the excavation.

5. Sides of excavation becoming unstable after periods of hot, dry weather or heavy rainfall.

6. Materials falling into excavations due to being placed too close to the edge.

7. Vehicles driving into excavations – lack of stop-blocks.

8. People, including members of the public, falling into trenches because edge protection or lighting was not fitted.

9. Operatives not using the ladder for access or egress.

10. The accumulation of heavier-than-air gases.

11. Heavy plant or vehicles parked close to the excavation.

Remember – a cubic metre of earth can weigh 1.5 tonnes – if you get it wrong the consequences could be fatal.

Site Specific (Add Your Own Information)

1. Watch for changes in material and inform general foreman immediately

2. Stockpile good material for inspection by General Foreman

3. If any waste is encountered, please store to side to allow the site operatives to hand pick and dispose of in skips provided.

4. Hazardous waste to be disposed off by preferred contractor

5. Photograph evidence of all excavation prior to backfill once obstructions are removed.

CITB constructionskills

TRAINING AND DEVELOPMENT PLAN
SHORT TRAINING SESSION ATTENDANCE SHEET

Title: Tool Box Talk Excavations	**Date** 19/4/21
Location Victoria Riverside	**Start time** 08:00
Duration (minutes) 15	**End time** 08:15
Presenter's name M. Medanuk	**Presenter's signature**

Candidate's name	Name of candidate's employer	Candidate's signature
R. KAMINSKAS		
L. AUZELIS		
M LOWRY		
M. S ARKUNAS		
P CONROY		
P HYNES		
M. MOLIN		

Grant claim information

Note: Claims can only be made for your employees or labour-only subcontractors

No. attended	Duration	Total time	Employer reference

CITB-ConstructionSkills Tool Box Talk

No. 14 Needlestick injuries

Prepare	Location? Distractions? Talk aids?
Reason Why	It is possible that you will find a used hypodermic syringe or needle on a site at some time. If you accidentally prick your skin, you could become infected with a serious (or deadly) disease.
Outline	This talk will cover the actions you should take if you discover a needle and if you prick your skin with it.

What is a needlestick injury?

An accidental puncture of the skin by a hypodermic needle.

If you find a needle

1. It has probably been used by a drug user and may be contaminated by infected blood.
2. Do not touch it or move it, unless you have to because of the situation at the time.
3. Leave a responsible person to safeguard it whilst you report the matter to your supervisor.
4. If you have a site nurse, she or he should be informed.
5. If you do not have a nurse on site, the local Environmental Health Department should be informed.
6. If you must move the syringe or needle:
   - carry it with the needle pointing downwards
   - do **not** wrap it in paper or put it into a litter bin
   - if available, place it in a clear glass bottle or jar
   - dispose of it safely through the site nurse, local police or Environmental Health Department
   - wash your hands thoroughly.

Q: On what types of site do you think you are most likely to discover used needles or syringes?

If you prick your skin

1. Do not panic.
2. Gently squeeze the area around the wound to encourage bleeding.
3. **Do not suck the wound.**
4. Wash the site of the injury thoroughly with soap and water at the first opportunity.
5. Obtain medical assistance as soon as possible from either the site nurse or the nearest hospital with an accident and emergency department.
6. If you can do so safely, take the syringe or needle with you.
7. If dealt with properly and promptly, the risks of a resulting health problem are minimal.
8. Think about the consequences of not acting promptly and possibly being off work for several weeks while you recover.

Q: Due to the secretive nature of drug taking, in which areas of a site do you think that discarded syringes and needles are most likely to be found?

Do you have any questions for me?

Questions for you

Q: What diseases do you think that you could catch from a needlestick injury?

Q: What could be the worst possible outcome?

REMEMBER IF YOU SUFFER A NEEDLESTICK INJURY AND DO NOT FOLLOW THIS GUIDANCE, YOU COULD BE EXPOSED TO THE HIV VIRUS, HEPATITIS B OR HEPATITIS C – ALL OF THEM VERY UNPLEASANT!

Further information

- GE 707 *Safe Start* – Section 16
- HSE – INDG91 Drug misuse at work
- HSE – Safe Disposal of Clinical Waste (ISBN 0 7176 2492 7)

CITB constructionskills

TRAINING AND DEVELOPMENT PLAN
SHORT TRAINING SESSION ATTENDANCE SHEET

Title: Tool Box Talk No. 14 Needlestick injuries	**Date** 21/5/2021
Location Site office.	**Start time** 7.30
Duration (minutes) 15mins	**End time** 7.45
Presenter's name David McPherson	**Presenter's signature**

Candidate's name	Name of candidate's employer	Candidate's signature
R. KAMINSKAS	Henry	
P Cowley	Henry	
M Sarsfield	Henry	
L. AUZELIS	HENRY	
O FINNAN	HENRY	
T STRITCH	CIR	
M LOWRY	HENRY	
P MYNES	HENRY	

Grant claim information

Note: Claims can only be made for your employees or labour-only subcontractors

No. attended	Duration	Total time	Employer reference
8	15.	2 hrs	

PERSONAL HYGIENE

HENRY CONSTRUCTION

Instructor's Name:	DAVID M PHILLIPS	**Date Given:**	02/06/21
Position:	PM	**Contract No:**	P1294

Generic Information

What should you expect

1. Enough toilets, wash basins, drying space and rest areas; the number will depend upon the number of people on site.
2. Washing facilities must have hot and cold water (or warm), soap and some means of drying yourself.
3. The opportunity to use the above facilities as necessary.
4. The facility should be cleaned on a regular basis.
5. Instructions must be provided on how to protect yourself from the effects of any hazardous substances that you may use.
6. If canteens prepare food, it must be in hygienic conditions.

Your side of the deal

1. Use toilets, wash basins, (or showers, if provided) as necessary to maintain a high level of personal hygiene.
2. Wash your hands after using the toilet and before eating.
3. Leave toilets, wash basins, drying and rest areas clean and in a good condition for other users.
4. Avoid contamination of the skin by substances hazardous to health e.g. cement; comply with any instructions given.
5. Do not leave, or prepare your own food in unhygienic conditions.
6. If you are unwell, see your doctor if necessary and stay away from work if instructed to do so.

If you (or someone else) gets it wrong

1. Gastroenteritis (sickness and diarrhoea) can be the result of poor personal hygiene.
2. The transfer of harmful bacteria from hands to mouth is the usual route of entry into the body.
3. Failing to wash your hands after the toilet or handling infected material is a common route of transfer.

Personal Hygiene

4. You could transfer bacteria from your hands to another surface, which someone else then touches and transfers to their mouth; someone else suffers because of your poor standards.

5. Would you like to lose time off work (and money) because of someone else's low standard of hygiene?

6. Other stomach complaints may be caused by failure to clean work-related substances you're your hands before eating.

7. Being caught, or being reported for, urinating somewhere other than in the toilet should lead to instant dismissal.

Site Specific (Add Your Own Information)

1. Do not urinate round toiltet ie on bowl or on floor

2. Not to blow your nose in the sink

3.put toilet paper in toilet not on the floor

4.and always wash your hands before and after toilet or eating

5.

R. KAMINSKHIS		2-6-21
M. Sastunas		2.6.21
L. AUZELIS		2.6.21
STMITCH		
M LOWRY		2.6.21
P. LYNES	PLyns	2.6.21.
O FINNAN		2-6-21

Appendix F Toolbox Talk – Asbestos.

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ASBESTOS

HENRY

Instructor's Name:	David McPherson	**Date Given:**	28.05.2021
Position:	Project Manager	**Contract No:**	P1294

Generic Information

Where you will find asbestos

1. Insulation and sprayed coatings used for:

    - Boilers, plant and pipework hidden in underfloor ducting
    - Fire protection to steelwork, hidden behind false ceilings
    - Thermal and acoustic insulation of buildings
    - Some textured coatings and paints
    - Friction materials such as brake linings and clutch plates
    - Gaskets and packings in engines, heating and ventilation systems.

2. Insulating board used in the following places:

    - Fire protection to doors, protected exits and steelwork
    - Claddings on walls and ceilings
    - Internal walls, partitions and suspended ceiling tiles

3. Asbestos cement, which is found as:

    - Corrugated roofing and cladding sheets of buildings
    - Flat sheets for partitions, cladding and door facings
    - Rainwater gutters and downpipes.

How asbestos can affect you

1. Asbestos breaks into tiny, long, sharp fibres. They can get lodged and scar the lungs, causing asbestosis or fibrosis.

2. Asbestos fibres may also cause a form of lung cancer.

3. It can also cause mesothelioma, a cancer of the inner lining of the chest wall. This cancer is incurable.

4. Smokers are at much greater risk of asbestos-related diseases.

Asbestos

Hazardous work

1. Anyone working on building repair and refurbishment are considered most at risk.
2. Old buildings constructed in the 1950s and 60s may have many forms of asbestos materials used in them.
3. The removal of roofing felts, old floor tiles, textured paints and plasters containing asbestos can be hazardous.
4. If you think you've come across asbestos, stop work and tell your supervisor or foreman.

Remember – if you suspect asbestos, stop work immediately and tell your supervisor.

Site Specific (Add Your Own Information)

1. If you Suspect — Stop work.
2. WASH hands before breaks remove clothes
3. If smoking wash hand first
4. Barrier of area isolate
5. Contact management

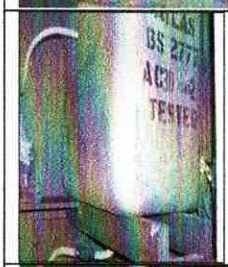
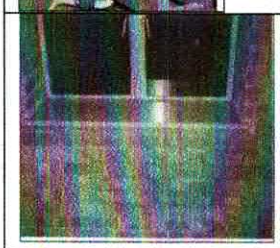
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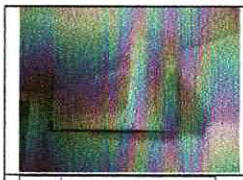
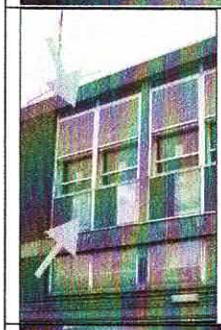
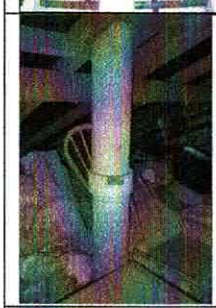
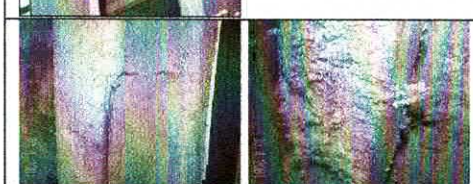
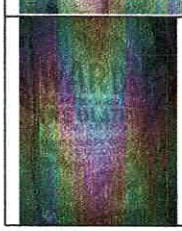
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	Method Statement	☐	Toolbox Talk	☐	DAB's	☐	
Subject/Name/Title	Asbestos						
Location	Site Welfare Area						
Date	28/5/21	**Start Time**	7.30	**Finish Time**	7.40		
Contract/Project Name	Victoria Riverside			**Contract Number**	P1294		
Trainer/Briefing Given By	[signature] DAVID MCPHERSON			**Job Title**	Fm		
Reference Document Name & Number (if applicable)	Rams 001 and Rams 002 including point of work and task sheets						

Name (Block Capitals)	Works Number	Company	Job Title	Signature	Date
M. SARKUNAS		Henry	Bonded labourer	[signature]	28/5/21
L. AUZELIS		Henry	joiner labourer	[signature]	28/5/21
R. KARUSKAS		Henry	Supervisor	[signature]	28/5/21
[illegible]		Henry	engineer	[signature]	28/5/21

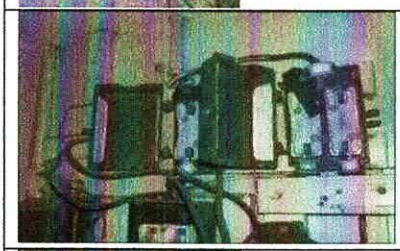
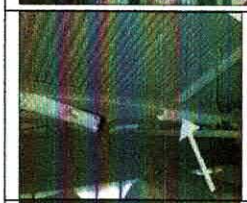
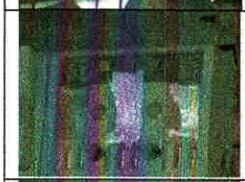
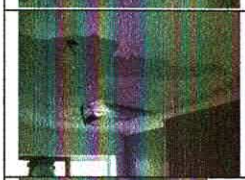
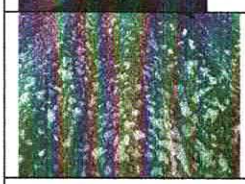
ASBESTOS CONTAINING MATERIALS

	AC Gutter
	AC Ironing board heat mat
	AC Roof Tiles
	AC Roof Undercloak
	AC shuttering to vent in shower room
	AC Water Tank – Domestic
	AC Windowsill
	AIB beading to doors
	AIB Blocks within column cladding
	AIB ceiling tiles in boiler room

ASBESTOS CONTAINING MATERIALS

	AIB pipe boxing to ceiling
	AIB window panels
	Bitumen sink pad
	Cement flue domestic property
	Gaskets
	Good condition encapsulated spray
	Good condition hard set insulation
	Damaged Spray Coating
	Loose fill – original bag - vermiculite

ASBESTOS CONTAINING MATERIALS

	Loose fill – vermiculite loft insulation
	Paper anti-condensate to pipe
	Sectional Lagging
	Textile Arc Shields
	Textured coating behind plaster
	Therma rope wrapped around pipe
	Weathered galbestos-bitumen to corrugated steel

Appendix G Asbestos Awareness Training Certificate.

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CIOB

ACADEMY

This is to certify that

David McPherson

has successfully completed

Asbestos Awareness

on

August 10, 2021

signature

Adrian Montague, Head of CIOB Academy

CIOB

THE CHARTERED INSTITUTE OF BUILDING

Appendix H Watching Brief Photographic Records.

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Victoria Riverside – Appendix 20

Report No 01- Progress Report – Pictures









Image 1-4 Hoarding Erection

Henry Construction Ltd, Church Road, Cranford, Middlesex, TW5 9RY

Tel No: 0208 754 1227





Images 5 - 6 Trail dig for existing services (gas main found inside hoarding)



Crane Base

Henry Construction Ltd, Church Road, Cranford, Middlesex, TW5 9RY

Tel No: 0208 754 1227



Pile Caps



Breaking out pile cap

Henry Construction Ltd, Church Road, Cranford, Middlesex, TW5 9RY

Tel No: 0208 754 1227





Henry Construction Ltd, Church Road, Cranford, Middlesex, TW5 9RY

Tel No: 0208 754 1227



Images 7 - 12 Exposed obstructions



Image 13 Muck away 6/8 wagons on return

Victoria Riverside – Appendix 20

Report No 02- Progress Report – Pictures

Image 1-3 Hoarding







Images 4 - 6 Trail pits to confirm rock formation.







Henry Construction Ltd, Church Road, Cranford, Middlesex, TW5 9RY

Tel No: 0208 754 1227

Image 7 Crane Base



Image 8 -11 Pile Caps/Old core base/Breaking out pile caps



Breaking out pile cap

Henry Construction Ltd, Church Road, Cranford, Middlesex, TW5 9RY

Tel No: 0208 754 1227







Henry Construction Ltd, Church Road, Cranford, Middlesex, TW5 9RY

Tel No: 0208 754 1227

Images 12 - Exposed obstructions



Image 13 - Underpinning completed



Henry Construction Ltd, Church Road, Cranford, Middlesex, TW5 9RY

Tel No: 0208 754 1227

Image 14 - Hoarding to existing wall for safety and dismantling the brick wall to allow drainage diversion.



Victoria Riverside – Appendix 20

Report No 03- Progress Report – Pictures

Image 1-2 Gates and Hoarding





Images 3 - 7 Removal of obstructions



Henry Construction Ltd, Church Road, Cranford, Middlesex, TW5 9RY

Tel No: 0208 754 1227





Henry Construction Ltd, Church Road, Cranford, Middlesex, TW5 9RY

Tel No: 0208 754 1227





Henry Construction Ltd, Church Road, Cranford, Middlesex, TW5 9RY

Tel No: 0208 754 1227

Image 8 -10 Progress





Henry Construction Ltd, Church Road, Cranford, Middlesex, TW5 9RY

Tel No: 0208 754 1227



Images 11 – 13 Finished areas



Henry Construction Ltd, Church Road, Cranford, Middlesex, TW5 9RY

Tel No: 0208 754 1227





Henry Construction Ltd, Church Road, Cranford, Middlesex, TW5 9RY

Tel No: 0208 754 1227

Images 14-17 Trail Holes on Gould Street









Henry Construction Ltd, Church Road, Cranford, Middlesex, TW5 9RY

Tel No: 0208 754 1227

Victoria Riverside – Appendix 20

Report No 04- Progress Report – Pictures

Image 1-5 Gould St











Henry Construction Ltd, Church Road, Cranford, Middlesex, TW5 9RY

Tel No: 0208 754 1227

Images 5 - 17 Working Platform Installation







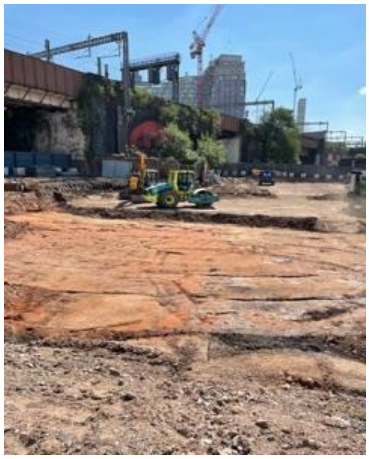

Henry Construction Ltd, Church Road, Cranford, Middlesex, TW5 9RY

Tel No: 0208 754 1227













Henry Construction Ltd, Church Road, Cranford, Middlesex, TW5 9RY

Tel No: 0208 754 1227

Image 17 -32 Removal of east side Obstructions













Henry Construction Ltd, Church Road, Cranford, Middlesex, TW5 9RY

Tel No: 0208 754 1227













Henry Construction Ltd, Church Road, Cranford, Middlesex, TW5 9RY

Tel No: 0208 754 1227







Henry Construction Ltd, Church Road, Cranford, Middlesex, TW5 9RY

Tel No: 0208 754 1227

Appendix I Laboratory Test Report (Delineation Sampling).

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Environmental Chemistry
SOCOTEC UK
Ashby Rd, Bretby,
Burton-on-Trent, UK
DE15 0YZ

Certificate of Analysis

Project No: 21040734

Client: SOCOTEC Materials Testing

Quote Number: BEC210216118

Project Reference: Parkway Farm

Site Name: Victoria Riverside

Contact: Mark Beastall

Address: Askern Road
Carcroft
Doncaster
South Yorkshire

Post Code: DN6 8DG

E-Mail: Mark.Beastall@socotec.com

Phone No: Ext 6806

Number of Samples Received: 6

Date Received: 13/04/2021

Analysis Date: 22/04/2021

Date Issued: 22/04/2021

Job Status: Complete

Report Type: Final Version 01

This report supersedes any versions previously issued by the laboratory

Account Manager

Emily Jones

Authorised by the Operations Manager
Becky Batham

Client: SOCOTEC Materials Testing

Project Name: Victoria Riverside

Project No: 21040734

Date Issued: 22/04/2021

Samples Analysed

Sample Reference	Text ID	Sample Date	Sample Type
Sample 1	21040734-001	08/04/2021 00:00:00	SOLID
Sample 2	21040734-002	08/04/2021 00:00:00	SOLID
Sample 3	21040734-003	08/04/2021 00:00:00	SOLID
Sample 4	21040734-004	08/04/2021 00:00:00	SOLID
Sample 5	21040734-005	08/04/2021 00:00:00	SOLID
Sample 6	21040734-006	08/04/2021 00:00:00	SOLID

Client: SOCOTEC Materials Testing

Project Name: Victoria Riverside

Project No: 21040734

Date Issued: 22/04/2021

Analysis Results

				Project ID	21040734					
				Sample ID	001		002		003	
				Customer ID	Sample 1		Sample 2		Sample 3	
				Sample Type	LPL	SOLID	LPL	SOLID	LPL	
				Sampling Date	08/04/2021	08/04/2021	08/04/2021	08/04/2021	08/04/2021	
Analysis	Method Code	MDL	Units	Accred						
Antimony as Sb	ICPMSW (Dissolved)	0.01	mg/kg^	N	0.04		0.06		0.05	
Arsenic as As	ICPMSW (Dissolved)	0.01	mg/kg^	N	0.05		0.02		0.03	
Barium as Ba	ICPWATVAR (Dissolved)	0.1	mg/kg^	N	0.2		0.5		0.2	
Cadmium as Cd	ICPMSW (Dissolved)	0.0002	mg/kg^	N	0.0007		0.0003		0.0005	
Chloride as Cl	KONENS	10	mg/kg^	N	<10		80		30	
Total Chromium as Cr	ICPMSW (Dissolved)	0.01	mg/kg^	N	0.02		<0.01		<0.01	
Copper as Cu	ICPMSW (Dissolved)	0.01	mg/kg^	N	0.04		<0.01		0.03	
Lead as Pb	ICPMSW (Dissolved)	0.01	mg/kg^	N	<0.01		<0.01		<0.01	
Mercury as Hg	ICPMSW (Dissolved)	0.0003	mg/kg^	N	<0.0003		<0.0003		<0.0003	
Molybdenum as Mo	ICPMSW (Dissolved)	0.01	mg/kg^	N	0.07		0.18		0.19	
Nickel as Ni	ICPMSW (Dissolved)	0.01	mg/kg^	N	<0.01		<0.01		<0.01	
Phenol Index	SFAPI	0.5	mg/kg^	N	<0.5		<0.5		<0.5	
Selenium as Se	ICPMSW (Dissolved)	0.01	mg/kg^	N	<0.01		<0.01		<0.01	
Total Sulphur as SO4	ICPWATVAR (Dissolved)	30	mg/kg^	N	1150		8090		1140	
TDS as mg/kg	WSLM2 & 3	700	mg/kg^	N	2220		9750		2390	
Leached Organic Carbon	WSLM13	2	mg/kg^	N	37.9		49.9		30.9	
Fluoride as F	ISEF	1	mg/kg^	N	5		4		9	
Zinc as Zn	ICPMSW (Dissolved)	0.02	mg/kg^	N	<0.02		<0.02		<0.02	
Conductivity at 25°C	WSLM2 & 3	100	µS/cm	U	315		1380		339	
pH	WSLM2 & 3	1	pH units	U	8.2		7.3		7.5	
TDS as mg/l	WSLM2 & 3	70	mg/l	N	223		977		240	
ANC	ANC	0.04	mol/kg^	N		3.74		4.92		
pH (2.5:1 extraction)	PHSOIL	1	pH units	UM		7.5		7.2		
Chloride as Cl	KONENS	1	mg/l	U	1		8		3	

UKAS TESTING 1252

mCERTS THE ENVIRONMENT AGENCY'S MONITORING CERTIFICATION SCHEME

Client: SOCOTEC Materials Testing

Project Name: Victoria Riverside

Project No: 21040734

Date Issued: 22/04/2021

Analysis Results

					Project ID	21040734				
					Sample ID	003	004		005	
					Customer ID	Sample 3	Sample 4		Sample 5	
					Sample Type	SOLID	LPL	SOLID	LPL	SOLID
					Sampling Date	08/04/2021	08/04/2021	08/04/2021	08/04/2021	08/04/2021
Analysis	Method Code	MDL	Units	Accred						
Antimony as Sb	ICPMSW (Dissolved)	0.01	mg/kg^	N		0.05		0.11	
Arsenic as As	ICPMSW (Dissolved)	0.01	mg/kg^	N		0.05		0.07	
Barium as Ba	ICPWATVAR (Dissolved)	0.1	mg/kg^	N		<0.1		<0.1	
Cadmium as Cd	ICPMSW (Dissolved)	0.0002	mg/kg^	N		<0.0002		0.0003	
Chloride as Cl	KONENS	10	mg/kg^	N		80		20	
Total Chromium as Cr	ICPMSW (Dissolved)	0.01	mg/kg^	N		0.06		0.03	
Copper as Cu	ICPMSW (Dissolved)	0.01	mg/kg^	N		0.15		0.12	
Lead as Pb	ICPMSW (Dissolved)	0.01	mg/kg^	N		<0.01		<0.01	
Mercury as Hg	ICPMSW (Dissolved)	0.0003	mg/kg^	N		<0.0003		<0.0003	
Molybdenum as Mo	ICPMSW (Dissolved)	0.01	mg/kg^	N		0.08		0.11	
Nickel as Ni	ICPMSW (Dissolved)	0.01	mg/kg^	N		<0.01		<0.01	
Phenol Index	SFAPI	0.5	mg/kg^	N		<0.5		<0.5	
Selenium as Se	ICPMSW (Dissolved)	0.01	mg/kg^	N		<0.01		0.02	
Total Sulphur as SO4	ICPWATVAR (Dissolved)	30	mg/kg^	N		609		579	
TDS as mg/kg	WSLM2 & 3	700	mg/kg^	N		2280		1850	
Leached Organic Carbon	WSLM13	2	mg/kg^	N		44.9		54.9	
Fluoride as F	ISEF	1	mg/kg^	N		3		3	
Zinc as Zn	ICPMSW (Dissolved)	0.02	mg/kg^	N		<0.02		<0.02	
Conductivity at 25°C	WSLM2 & 3	100	µS/cm	U		322		261	
pH	WSLM2 & 3	1	pH units	U		10.9		10.7	
TDS as mg/l	WSLM2 & 3	70	mg/l	N		228		185	
ANC	ANC	0.04	mol/kg^	N	1.23		1.68		0.73
pH (2.5:1 extraction)	PHSOIL	1	pH units	UM	7.9		10.1		9.9
Chloride as Cl	KONENS	1	mg/l	U		8		2	

UKAS TESTING 1252

mCERTS THE ENVIRONMENT AGENCY'S MONITORING CERTIFICATION SCHEME

Client: SOCOTEC Materials Testing

Project Name: Victoria Riverside

Project No: 21040734

Date Issued: 22/04/2021

Analysis Results

					Project ID	21040734	
					Sample ID	006	
					Customer ID	Sample 6	
					Sample Type	LPL	SOLID
					Sampling Date	08/04/2021	08/04/2021
Analysis	Method Code	MDL	Units	Accred			
Antimony as Sb	ICPMSW (Dissolved)	0.01	mg/kg^	N		0.09	
Arsenic as As	ICPMSW (Dissolved)	0.01	mg/kg^	N		0.03	
Barium as Ba	ICPWATVAR (Dissolved)	0.1	mg/kg^	N		0.2	
Cadmium as Cd	ICPMSW (Dissolved)	0.0002	mg/kg^	N		<0.0002	
Chloride as Cl	KONENS	10	mg/kg^	N		70	
Total Chromium as Cr	ICPMSW (Dissolved)	0.01	mg/kg^	N		0.08	
Copper as Cu	ICPMSW (Dissolved)	0.01	mg/kg^	N		0.09	
Lead as Pb	ICPMSW (Dissolved)	0.01	mg/kg^	N		<0.01	
Mercury as Hg	ICPMSW (Dissolved)	0.0003	mg/kg^	N		<0.0003	
Molybdenum as Mo	ICPMSW (Dissolved)	0.01	mg/kg^	N		0.13	
Nickel as Ni	ICPMSW (Dissolved)	0.01	mg/kg^	N		<0.01	
Phenol Index	SFAPI	0.5	mg/kg^	N		<0.5	
Selenium as Se	ICPMSW (Dissolved)	0.01	mg/kg^	N		<0.01	
Total Sulphur as SO4	ICPWATVAR (Dissolved)	30	mg/kg^	N		2320	
TDS as mg/kg	WSLM2 & 3	700	mg/kg^	N		3510	
Leached Organic Carbon	WSLM13	2	mg/kg^	N		41.9	
Fluoride as F	ISEF	1	mg/kg^	N		3	
Zinc as Zn	ICPMSW (Dissolved)	0.02	mg/kg^	N		<0.02	
Conductivity at 25°C	WSLM2 & 3	100	µS/cm	U		497	
pH	WSLM2 & 3	1	pH units	U		10.4	
TDS as mg/l	WSLM2 & 3	70	mg/l	N		352	
ANC	ANC	0.04	mol/kg^	N			3.52
pH (2.5:1 extraction)	PHSOIL	1	pH units	UM			9.8
Chloride as Cl	KONENS	1	mg/l	U		7	

UKAS TESTING 1252

mCERTS THE ENVIRONMENT AGENCY'S MONITORING CERTIFICATION SCHEME

SOCOTEC

Client: SOCOTEC Materials Testing

Project Name: Victoria Riverside

Project No: 21040734

Date Issued: 22/04/2021

Analysis Results

					Project ID	21040734				
					Sample ID	001		002		003
					Customer ID	Sample 1		Sample 2		Sample 3
					Sample Type	LPL	SOLID	LPL	SOLID	LPL
					Sampling Date	08/04/2021	08/04/2021	08/04/2021	08/04/2021	08/04/2021
Analysis	Method Code	MDL	Units	Accred						
Phenol Index	SFAPI	0.05	mg/l	U		<0.05		<0.05		<0.05
Fluoride as F	ISEF	0.1	mg/l	U		0.5		0.4		0.9
Total Organic Carbon	WSLM59	0.02	% m/m^	U			1.18		3.30	
LOI @ 450°C	LOI(%MM)	0.2	% m/m^	N			2.8		5.5	
Leached Organic Carbon	WSLM13	0.2	mg/l	U		3.8		5.0		3.1
Antimony as Sb	ICPMSS	0.1	mg/kg	U			0.8		2.4	
Arsenic as As	ICPMSS	0.3	mg/kg	U			4.2		8.7	
Cadmium as Cd	ICPMSS	0.1	mg/kg	U			0.2		0.5	
Copper as Cu	ICPMSS	0.5	mg/kg	U			98.1		40.4	
Lead as Pb	ICPMSS	0.5	mg/kg	U			61.4		129.2	
Mercury as Hg	ICPMSS	0.1	mg/kg	U			<0.1		0.2	
Molybdenum as Mo	ICPMSS	0.5	mg/kg	U			0.7		3.0	
Nickel as Ni	ICPMSS	0.5	mg/kg	U			27.4		22.5	
Selenium as Se	ICPMSS	0.5	mg/kg	U			<0.5		<0.5	
Total Chromium as Cr	ICPMSS	0.5	mg/kg	U			12.9		17.9	
Zinc as Zn	ICPMSS	3	mg/kg	U			93.1		140.8	
Antimony as Sb	ICPMSW (Dissolved)	0.001	mg/l	U		0.004		0.006		0.005
Arsenic as As	ICPMSW (Dissolved)	0.001	mg/l	U		0.005		0.002		0.003
Cadmium as Cd	ICPMSW (Dissolved)	0.00002	mg/l	U		0.00007		0.00003		0.00005
Total Chromium as Cr	ICPMSW (Dissolved)	0.001	mg/l	U		0.002		<0.001		<0.001
Copper as Cu	ICPMSW (Dissolved)	0.001	mg/l	U		0.004		0.001		0.003
Lead as Pb	ICPMSW (Dissolved)	0.001	mg/l	U		<0.001		<0.001		<0.001
Mercury as Hg	ICPMSW (Dissolved)	0.00003	mg/l	U		<0.00003		<0.00003		<0.00003
Molybdenum as Mo	ICPMSW (Dissolved)	0.001	mg/l	U		0.007		0.018		0.019

UKAS TESTING 1252

mCERTS THE ENVIRONMENT AGENCY'S MONITORING CERTIFICATION SCHEME

Client: SOCOTEC Materials Testing

Project Name: Victoria Riverside

Project No: 21040734

Date Issued: 22/04/2021

Analysis Results

				Project ID	21040734					
				Sample ID	003	004		005		
				Customer ID	Sample 3	Sample 4		Sample 5		
				Sample Type	SOLID	LPL	SOLID	LPL	SOLID	
				Sampling Date	08/04/2021	08/04/2021	08/04/2021	08/04/2021	08/04/2021	
Analysis	Method Code	MDL	Units	Accred						
Phenol Index	SFAPI	0.05	mg/l	U		<0.05		<0.05		
Fluoride as F	ISEF	0.1	mg/l	U		0.3		0.3		
Total Organic Carbon	WSLM59	0.02	% m/m^	U	5.56		2.06		1.45	
LOI @ 450°C	LOI(%MM)	0.2	% m/m^	N	6.6		4.6		3.1	
Leached Organic Carbon	WSLM13	0.2	mg/l	U		4.5		5.5		
Antimony as Sb	ICPMSS	0.1	mg/kg	U	3.0		8.0		5.6	
Arsenic as As	ICPMSS	0.3	mg/kg	U	21.6		10.0		7.7	
Cadmium as Cd	ICPMSS	0.1	mg/kg	U	0.4		0.7		0.5	
Copper as Cu	ICPMSS	0.5	mg/kg	U	383.9		48.0		34.4	
Lead as Pb	ICPMSS	0.5	mg/kg	U	210.6		156.4		110.1	
Mercury as Hg	ICPMSS	0.1	mg/kg	U	0.3		0.4		0.4	
Molybdenum as Mo	ICPMSS	0.5	mg/kg	U	2.6		1.2		0.7	
Nickel as Ni	ICPMSS	0.5	mg/kg	U	43.3		19.5		17.3	
Selenium as Se	ICPMSS	0.5	mg/kg	U	<0.5		<0.5		<0.5	
Total Chromium as Cr	ICPMSS	0.5	mg/kg	U	26.6		21.6		18.0	
Zinc as Zn	ICPMSS	3	mg/kg	U	271.2		163.9		196.9	
Antimony as Sb	ICPMSW (Dissolved)	0.001	mg/l	U		0.005		0.011		
Arsenic as As	ICPMSW (Dissolved)	0.001	mg/l	U		0.005		0.007		
Cadmium as Cd	ICPMSW (Dissolved)	0.00002	mg/l	U		<0.00002		0.00003		
Total Chromium as Cr	ICPMSW (Dissolved)	0.001	mg/l	U		0.006		0.003		
Copper as Cu	ICPMSW (Dissolved)	0.001	mg/l	U		0.015		0.012		
Lead as Pb	ICPMSW (Dissolved)	0.001	mg/l	U		<0.001		<0.001		
Mercury as Hg	ICPMSW (Dissolved)	0.00003	mg/l	U		<0.00003		<0.00003		
Molybdenum as Mo	ICPMSW (Dissolved)	0.001	mg/l	U		0.008		0.011		

UKAS TESTING 1252

mCERTS THE ENVIRONMENT AGENCY'S MONITORING CERTIFICATION SCHEME

Client: SOCOTEC Materials Testing

Project Name: Victoria Riverside

Project No: 21040734

Date Issued: 22/04/2021

Analysis Results

					Project ID	21040734	
					Sample ID	006	
					Customer ID	Sample 6	
					Sample Type	LPL	SOLID
					Sampling Date	08/04/2021	08/04/2021
Analysis	Method Code	MDL	Units	Accred			
Phenol Index	SFAPI	0.05	mg/l	U		<0.05	
Fluoride as F	ISEF	0.1	mg/l	U		0.3	
Total Organic Carbon	WSLM59	0.02	% m/m^	U			1.89
LOI @ 450°C	LOI(%MM)	0.2	% m/m^	N			3.8
Leached Organic Carbon	WSLM13	0.2	mg/l	U		4.2	
Antimony as Sb	ICPMSS	0.1	mg/kg	U			1.4
Arsenic as As	ICPMSS	0.3	mg/kg	U			6.8
Cadmium as Cd	ICPMSS	0.1	mg/kg	U			0.5
Copper as Cu	ICPMSS	0.5	mg/kg	U			26.2
Lead as Pb	ICPMSS	0.5	mg/kg	U			68.8
Mercury as Hg	ICPMSS	0.1	mg/kg	U			0.2
Molybdenum as Mo	ICPMSS	0.5	mg/kg	U			1.1
Nickel as Ni	ICPMSS	0.5	mg/kg	U			15.4
Selenium as Se	ICPMSS	0.5	mg/kg	U			<0.5
Total Chromium as Cr	ICPMSS	0.5	mg/kg	U			17.5
Zinc as Zn	ICPMSS	3	mg/kg	U			100.3
Antimony as Sb	ICPMSW (Dissolved)	0.001	mg/l	U		0.009	
Arsenic as As	ICPMSW (Dissolved)	0.001	mg/l	U		0.003	
Cadmium as Cd	ICPMSW (Dissolved)	0.00002	mg/l	U		<0.00002	
Total Chromium as Cr	ICPMSW (Dissolved)	0.001	mg/l	U		0.008	
Copper as Cu	ICPMSW (Dissolved)	0.001	mg/l	U		0.009	
Lead as Pb	ICPMSW (Dissolved)	0.001	mg/l	U		<0.001	
Mercury as Hg	ICPMSW (Dissolved)	0.00003	mg/l	U		<0.00003	
Molybdenum as Mo	ICPMSW (Dissolved)	0.001	mg/l	U		0.013	

UKAS TESTING 1252

mCERTS THE ENVIRONMENT AGENCY'S MONITORING CERTIFICATION SCHEME

Client: SOCOTEC Materials Testing

Project Name: Victoria Riverside

Project No: 21040734

Date Issued: 22/04/2021

Analysis Results

				Project ID	21040734					
				Sample ID	001		002		003	
				Customer ID	Sample 1		Sample 2		Sample 3	
				Sample Type	LPL	SOLID	LPL	SOLID	LPL	
				Sampling Date	08/04/2021	08/04/2021	08/04/2021	08/04/2021	08/04/2021	
Analysis	Method Code	MDL	Units	Accred						
Nickel as Ni	ICPMSW (Dissolved)	0.001	mg/l	U	<0.001		0.001		<0.001	
Selenium as Se	ICPMSW (Dissolved)	0.001	mg/l	U	0.001		<0.001		<0.001	
Zinc as Zn	ICPMSW (Dissolved)	0.002	mg/l	U	<0.002		0.002		<0.002	
Barium as Ba	ICPWATVAR (Dissolved)	0.01	mg/l	U	0.02		0.05		0.02	
Total Sulphur as SO4	ICPWATVAR (Dissolved)	3	mg/l	U	115		811		114	
Benzene	BTEXHSA	0.01	mg/kg^	UM		<0.012		<0.012		
Ethylbenzene	BTEXHSA	0.01	mg/kg^	UM		<0.012		<0.012		
m/p-Xylene	BTEXHSA	0.02	mg/kg^	UM		<0.024		<0.024		
o-Xylene	BTEXHSA	0.01	mg/kg^	UM		<0.012		<0.012		
Toluene	BTEXHSA	0.01	mg/kg^	UM		<0.012		<0.012		
Total BTEX	BTEXHSA	0.06	mg/kg^	UM		<0.073		<0.072		
Acenaphthene	PAHMSUS	0.08	mg/kg^	UM		<0.10		0.20		
Acenaphthylene	PAHMSUS	0.08	mg/kg^	U		<0.10		<0.10		
Anthracene	PAHMSUS	0.08	mg/kg^	U		0.24		0.44		
Benzo[a]anthracene	PAHMSUS	0.08	mg/kg^	UM		1.40		1.70		
Benzo[a]pyrene	PAHMSUS	0.08	mg/kg^	UM		1.32		1.75		
Benzo[b]fluoranthene	PAHMSUS	0.08	mg/kg^	UM		1.50		2.05		
Benzo[g,h,i]perylene	PAHMSUS	0.08	mg/kg^	UM		0.50		0.78		
Benzo[k]fluoranthene	PAHMSUS	0.08	mg/kg^	UM		0.55		0.69		
Chrysene	PAHMSUS	0.08	mg/kg^	UM		1.11		1.33		
Coronene	PAHMSUS	0.08	mg/kg^	N		0.11		0.18		
Dibenzo[a,h]anthracene	PAHMSUS	0.08	mg/kg^	UM		0.14		0.21		
Fluoranthene	PAHMSUS	0.08	mg/kg^	UM		2.41		3.42		
Fluorene	PAHMSUS	0.08	mg/kg^	UM		<0.10		0.14		

UKAS TESTING 1252

mCERTS THE ENVIRONMENT AGENCY'S MONITORING CERTIFICATION SCHEME

Client: SOCOTEC Materials Testing

Project Name: Victoria Riverside

Project No: 21040734

Date Issued: 22/04/2021

Analysis Results

				Project ID	21040734					
				Sample ID	003	004		005		
				Customer ID	Sample 3	Sample 4		Sample 5		
				Sample Type	SOLID	LPL	SOLID	LPL	SOLID	
				Sampling Date	08/04/2021	08/04/2021	08/04/2021	08/04/2021	08/04/2021	
Analysis	Method Code	MDL	Units	Accred						
Nickel as Ni	ICPMSW (Dissolved)	0.001	mg/l	U		0.001		0.001		
Selenium as Se	ICPMSW (Dissolved)	0.001	mg/l	U		0.001		0.002		
Zinc as Zn	ICPMSW (Dissolved)	0.002	mg/l	U		<0.002		<0.002		
Barium as Ba	ICPWATVAR (Dissolved)	0.01	mg/l	U		<0.01		<0.01		
Total Sulphur as SO4	ICPWATVAR (Dissolved)	3	mg/l	U		61		58		
Benzene	BTEXHSA	0.01	mg/kg^	UM	<0.012		<0.012		<0.012	
Ethylbenzene	BTEXHSA	0.01	mg/kg^	UM	<0.012		<0.012		<0.012	
m/p-Xylene	BTEXHSA	0.02	mg/kg^	UM	<0.025		<0.024		<0.023	
o-Xylene	BTEXHSA	0.01	mg/kg^	UM	<0.012		<0.012		<0.012	
Toluene	BTEXHSA	0.01	mg/kg^	UM	<0.012		<0.012		<0.012	
Total BTEX	BTEXHSA	0.06	mg/kg^	UM	<0.074		<0.072		<0.069	
Acenaphthene	PAHMSUS	0.08	mg/kg^	UM	7.87		0.84		2.18	
Acenaphthylene	PAHMSUS	0.08	mg/kg^	U	0.19		<0.10		<0.09	
Anthracene	PAHMSUS	0.08	mg/kg^	U	10.7		1.33		3.05	
Benzo[a]anthracene	PAHMSUS	0.08	mg/kg^	UM	26.0		3.35		4.95	
Benzo[a]pyrene	PAHMSUS	0.08	mg/kg^	UM	24.3		2.90		4.14	
Benzo[b]fluoranthene	PAHMSUS	0.08	mg/kg^	UM	28.7		3.39		4.63	
Benzo[g,h,i]perylene	PAHMSUS	0.08	mg/kg^	UM	11.8		1.20		1.69	
Benzo[k]fluoranthene	PAHMSUS	0.08	mg/kg^	UM	9.93		1.23		1.56	
Chrysene	PAHMSUS	0.08	mg/kg^	UM	19.3		2.59		3.87	
Coronene	PAHMSUS	0.08	mg/kg^	N	3.00		0.27		0.40	
Dibenzo[a,h]anthracene	PAHMSUS	0.08	mg/kg^	UM	3.35		0.36		0.48	
Fluoranthene	PAHMSUS	0.08	mg/kg^	UM	48.8		7.10		11.0	
Fluorene	PAHMSUS	0.08	mg/kg^	UM	5.70		0.52		1.81	

UKAS TESTING 1252

mCERTS THE ENVIRONMENT AGENCY'S MONITORING CERTIFICATION SCHEME

Client: SOCOTEC Materials Testing

Project Name: Victoria Riverside

Project No: 21040734

Date Issued: 22/04/2021

Analysis Results

				Project ID	21040734		
				Sample ID	006		
				Customer ID	Sample 6		
				Sample Type	LPL	SOLID	
				Sampling Date	08/04/2021	08/04/2021	
Analysis	Method Code	MDL	Units	Accred			
Nickel as Ni	ICPMSW (Dissolved)	0.001	mg/l	U	0.001		
Selenium as Se	ICPMSW (Dissolved)	0.001	mg/l	U	<0.001		
Zinc as Zn	ICPMSW (Dissolved)	0.002	mg/l	U	<0.002		
Barium as Ba	ICPWATVAR (Dissolved)	0.01	mg/l	U	0.02		
Total Sulphur as SO4	ICPWATVAR (Dissolved)	3	mg/l	U	232		
Benzene	BTEXHSA	0.01	mg/kg^	UM		<0.012	
Ethylbenzene	BTEXHSA	0.01	mg/kg^	UM		<0.012	
m/p-Xylene	BTEXHSA	0.02	mg/kg^	UM		<0.023	
o-Xylene	BTEXHSA	0.01	mg/kg^	UM		<0.012	
Toluene	BTEXHSA	0.01	mg/kg^	UM		<0.012	
Total BTEX	BTEXHSA	0.06	mg/kg^	UM		<0.070	
Acenaphthene	PAHMSUS	0.08	mg/kg^	UM		0.29	
Acenaphthylene	PAHMSUS	0.08	mg/kg^	U		<0.09	
Anthracene	PAHMSUS	0.08	mg/kg^	U		0.45	
Benzo[a]anthracene	PAHMSUS	0.08	mg/kg^	UM		1.22	
Benzo[a]pyrene	PAHMSUS	0.08	mg/kg^	UM		1.24	
Benzo[b]fluoranthene	PAHMSUS	0.08	mg/kg^	UM		1.41	
Benzo[g,h,i]perylene	PAHMSUS	0.08	mg/kg^	UM		0.60	
Benzo[k]fluoranthene	PAHMSUS	0.08	mg/kg^	UM		0.48	
Chrysene	PAHMSUS	0.08	mg/kg^	UM		0.94	
Coronene	PAHMSUS	0.08	mg/kg^	N		0.16	
Dibenzo[a,h]anthracene	PAHMSUS	0.08	mg/kg^	UM		0.15	
Fluoranthene	PAHMSUS	0.08	mg/kg^	UM		2.32	
Fluorene	PAHMSUS	0.08	mg/kg^	UM		0.17	

UKAS TESTING 1252

mCERTS THE ENVIRONMENT AGENCY'S MONITORING CERTIFICATION SCHEME

Client: SOCOTEC Materials Testing

Project Name: Victoria Riverside

Project No: 21040734

Date Issued: 22/04/2021

Analysis Results

				Project ID	21040734					
				Sample ID	001		002		003	
				Customer ID	Sample 1		Sample 2		Sample 3	
				Sample Type	LPL	SOLID	LPL	SOLID	LPL	
				Sampling Date	08/04/2021	08/04/2021	08/04/2021	08/04/2021	08/04/2021	
Analysis	Method Code	MDL	Units	Accred						
Indeno[1,2,3-cd]pyrene	PAHMSUS	0.08	mg/kg^	UM		0.62		0.87		
Naphthalene	PAHMSUS	0.08	mg/kg^	UM		<0.10		0.15		
Phenanthrene	PAHMSUS	0.08	mg/kg^	UM		0.91		1.69		
Pyrene	PAHMSUS	0.08	mg/kg^	UM		2.33		3.14		
Total PAH 16	PAHMSUS	1.28	mg/kg^	U		13.4		18.6		
Total PAH 17	PAHMSUS	1.36	mg/kg^	N		<13.5		<18.8		
PCB 101	PCBECD	0.005	mg/kg^	UM		<0.006		<0.006		
PCB 118	PCBECD	0.005	mg/kg^	UM		<0.006		<0.006		
PCB 138	PCBECD	0.005	mg/kg^	UM		<0.006		<0.006		
PCB 153	PCBECD	0.005	mg/kg^	UM		<0.006		<0.006		
PCB 180	PCBECD	0.005	mg/kg^	UM		<0.006		<0.006		
PCB 28	PCBECD	0.005	mg/kg^	UM		<0.006		<0.006		
PCB 52	PCBECD	0.005	mg/kg^	UM		<0.006		<0.006		
Total PCB 7 Congeners	PCBECD	0.035	mg/kg^	UM		<0.043		<0.042		
>C10-C40 (Aliphatic)	TPHFIDUS (Aliphatic)	20	mg/kg^	U		192		340		
Total TPH >C8-C40 (Aliphatic)	TPHFIDUS (Aliphatic)	20	mg/kg^	UM		192		340		
Total Moisture at 105°C	TMSS	0.1	%	U		17.7		17.1		
Total Moisture at 35°C	CLANDPREP	0.1	%	N		15.5		15.0		
Colour of Material	CLANDPREP		-	N		Brown		Brown		
Major Constituents	CLANDPREP		-	N		SAND		SILT		
Minor Constituents	CLANDPREP		-	N		Clay		Clay		
Miscellaneous Constituents	CLANDPREP		-	N		Gravel		Gravel		
Equivalent Weight of Dry Material (kg)	Leachate Preparation CEN 10:1		kg	N		0.090		0.090		
Fraction above 4mm (%)	Leachate Preparation CEN 10:1		%	N		78.8		0		

UKAS TESTING 1252

mCERTS THE ENVIRONMENT AGENCY'S MONITORING CERTIFICATION SCHEME

Client: SOCOTEC Materials Testing

Project Name: Victoria Riverside

Project No: 21040734

Date Issued: 22/04/2021

Analysis Results

				Project ID	21040734					
				Sample ID	003	004		005		
				Customer ID	Sample 3	Sample 4		Sample 5		
				Sample Type	SOLID	LPL	SOLID	LPL	SOLID	
				Sampling Date	08/04/2021	08/04/2021	08/04/2021	08/04/2021	08/04/2021	
Analysis	Method Code	MDL	Units	Accred						
Indeno[1,2,3-cd]pyrene	PAHMSUS	0.08	mg/kg^	UM	14.7		1.49		2.06	
Naphthalene	PAHMSUS	0.08	mg/kg^	UM	2.65		0.11		1.57	
Phenanthrene	PAHMSUS	0.08	mg/kg^	UM	33.0		5.81		12.4	
Pyrene	PAHMSUS	0.08	mg/kg^	UM	43.3		6.69		9.70	
Total PAH 16	PAHMSUS	1.28	mg/kg^	U	300		39.0		65.2	
Total PAH 17	PAHMSUS	1.36	mg/kg^	N	303		<39.3		<65.6	
PCB 101	PCBECD	0.005	mg/kg^	UM	<0.006		<0.006		<0.006	
PCB 118	PCBECD	0.005	mg/kg^	UM	<0.006		<0.006		<0.006	
PCB 138	PCBECD	0.005	mg/kg^	UM	<0.006		<0.006		<0.006	
PCB 153	PCBECD	0.005	mg/kg^	UM	<0.006		<0.006		<0.006	
PCB 180	PCBECD	0.005	mg/kg^	UM	<0.006		<0.006		<0.006	
PCB 28	PCBECD	0.005	mg/kg^	UM	<0.006		<0.006		<0.006	
PCB 52	PCBECD	0.005	mg/kg^	UM	<0.006		<0.006		<0.006	
Total PCB 7 Congeners	PCBECD	0.035	mg/kg^	UM	<0.043		<0.042		<0.040	
>C10-C40 (Aliphatic)	TPHFIDUS (Aliphatic)	20	mg/kg^	U	231		434		1120	
Total TPH >C8-C40 (Aliphatic)	TPHFIDUS (Aliphatic)	20	mg/kg^	UM	231		434		1120	
Total Moisture at 105°C	TMSS	0.1	%	U	18.7		16.3		12.8	
Total Moisture at 35°C	CLANDPREP	0.1	%	N	16.5		14.3		11.8	
Colour of Material	CLANDPREP		-	N	Brown		Brown		Brown	
Major Constituents	CLANDPREP		-	N	SILT		MADE GROUND		SILT	
Minor Constituents	CLANDPREP		-	N	Clay		None		Sand	
Miscellaneous Constituents	CLANDPREP		-	N	Gravel		na		Gravel	
Equivalent Weight of Dry Material (kg)	Leachate Preparation CEN 10:1		kg	N	0.090		0.090		0.090	
Fraction above 4mm (%)	Leachate Preparation CEN 10:1		%	N	60.8		88.9		100	

UKAS TESTING 1252

mCERTS THE ENVIRONMENT AGENCY'S MONITORING CERTIFICATION SCHEME

Client: SOCOTEC Materials Testing

Project Name: Victoria Riverside

Project No: 21040734

Date Issued: 22/04/2021

Analysis Results

					Project ID	21040734	
					Sample ID	006	
					Customer ID	Sample 6	
					Sample Type	LPL	SOLID
					Sampling Date	08/04/2021	08/04/2021
Analysis	Method Code	MDL	Units	Accred			
Indeno[1,2,3-cd]pyrene	PAHMSUS	0.08	mg/kg^	UM		0.60	
Naphthalene	PAHMSUS	0.08	mg/kg^	UM		0.13	
Phenanthrene	PAHMSUS	0.08	mg/kg^	UM		1.37	
Pyrene	PAHMSUS	0.08	mg/kg^	UM		2.33	
Total PAH 16	PAHMSUS	1.28	mg/kg^	U		13.8	
Total PAH 17	PAHMSUS	1.36	mg/kg^	N		<13.9	
PCB 101	PCBECD	0.005	mg/kg^	UM		<0.006	
PCB 118	PCBECD	0.005	mg/kg^	UM		<0.006	
PCB 138	PCBECD	0.005	mg/kg^	UM		<0.006	
PCB 153	PCBECD	0.005	mg/kg^	UM		<0.006	
PCB 180	PCBECD	0.005	mg/kg^	UM		<0.006	
PCB 28	PCBECD	0.005	mg/kg^	UM		<0.006	
PCB 52	PCBECD	0.005	mg/kg^	UM		<0.006	
Total PCB 7 Congeners	PCBECD	0.035	mg/kg^	UM		<0.041	
>C10-C40 (Aliphatic)	TPHFIDUS (Aliphatic)	20	mg/kg^	U		1030	
Total TPH >C8-C40 (Aliphatic)	TPHFIDUS (Aliphatic)	20	mg/kg^	UM		1030	
Total Moisture at 105°C	TMSS	0.1	%	U		13.7	
Total Moisture at 35°C	CLANDPREP	0.1	%	N		11.6	
Colour of Material	CLANDPREP		-	N		Brown	
Major Constituents	CLANDPREP		-	N		MADE GROUND	
Minor Constituents	CLANDPREP		-	N		None	
Miscellaneous Constituents	CLANDPREP		-	N		na	
Equivalent Weight of Dry Material (kg)	Leachate Preparation CEN 10:1		kg	N		0.090	
Fraction above 4mm (%)	Leachate Preparation CEN 10:1		%	N		81.0	

UKAS TESTING 1252

mCERTS THE ENVIRONMENT AGENCY'S MONITORING CERTIFICATION SCHEME

Client: SOCOTEC Materials Testing

Project Name: Victoria Riverside

Project No: 21040734

Date Issued: 22/04/2021

Analysis Results

				Project ID	21040734					
				Sample ID	001		002		003	
				Customer ID	Sample 1		Sample 2		Sample 3	
				Sample Type	LPL	SOLID	LPL	SOLID	LPL	
				Sampling Date	08/04/2021	08/04/2021	08/04/2021	08/04/2021	08/04/2021	
Analysis	Method Code	MDL	Units	Accred						
Fraction of non-crushable material (%)	Leachate Preparation CEN 10:1		%	N		0		0		
Volume of Water for 10:1 Leach (ltr)	Leachate Preparation CEN 10:1		l	N		0.884		0.885		
Weight of Sample Leached (kg)	Leachate Preparation CEN 10:1		kg	N		0.106		0.105		
WAC Report	WAC		-	N		See Attached		See Attached		

UKAS TESTING 1252

mCERTS THE ENVIRONMENT AGENCY'S MONITORING CERTIFICATION SCHEME

Client: SOCOTEC Materials Testing

Project Name: Victoria Riverside

Project No: 21040734

Date Issued: 22/04/2021

Analysis Results

				Project ID	21040734					
				Sample ID	003	004		005		
				Customer ID	Sample 3	Sample 4		Sample 5		
				Sample Type	SOLID	LPL	SOLID	LPL	SOLID	
				Sampling Date	08/04/2021	08/04/2021	08/04/2021	08/04/2021	08/04/2021	
Analysis	Method Code	MDL	Units	Accred						
Fraction of non-crushable material (%)	Leachate Preparation CEN 10:1		%	N	0		0		0	
Volume of Water for 10:1 Leach (ltr)	Leachate Preparation CEN 10:1		l	N	0.883		0.886		0.889	
Weight of Sample Leached (kg)	Leachate Preparation CEN 10:1		kg	N	0.107		0.104		0.101	
WAC Report	WAC		-	N	See Attached		See Attached		See Attached	

UKAS TESTING 1252

mCERTS THE ENVIRONMENT AGENCY'S MONITORING CERTIFICATION SCHEME

Client: SOCOTEC Materials Testing

Project Name: Victoria Riverside

Project No: 21040734

Date Issued: 22/04/2021

Analysis Results

				Project ID		21040734	
				Sample ID		006	
				Customer ID		Sample 6	
				Sample Type		LPL	SOLID
				Sampling Date		08/04/2021	08/04/2021
Analysis	Method Code	MDL	Units	Accred			
Fraction of non-crushable material (%)	Leachate Preparation CEN 10:1		%	N		0	
Volume of Water for 10:1 Leach (ltr)	Leachate Preparation CEN 10:1		l	N		0.888	
Weight of Sample Leached (kg)	Leachate Preparation CEN 10:1		kg	N		0.102	
WAC Report	WAC		-	N		See Attached	

UKAS TESTING 1252

mCERTS THE ENVIRONMENT AGENCY'S MONITORING CERTIFICATION SCHEME

WASTE ACCEPTANCE CRITERIA TESTING
BSEN 12457/2

Client	SOCOTEC Materials Testing	
Site	Victoria Riverside	
Project	21040734	
Sample No	Sample Description	Issue Date
21040734-001	Sample 1	22/04/2021

Leaching Data	
Weight of Sample (kg)	0.106
Moisture content @ 105°C (% Wet Weight)	14.8
Equivalent weight based on drying @ 105°C (kg)	0.090
Volume of Water required for 10:1 stage (ltres)	0.884
Fraction of sample above 4mm %	78.8
Fraction of non-crushable material %	0

Note: The >4mm fraction is crushed using a disc mill

Accreditation	Method Code	Solid Waste Analysis (Dry Basis)	Concentration in Solid (Dry Weight Basis)	Landfill Waste Acceptance Criteria Limit Values		
				Inert Waste Landfill	Stable Non-Reactive Hazardous Waste in Non-Hazardous Landfill	Hazardous Waste Landfill
U	WSLM59	Total Organic Carbon (% M/M)	1.18	3	5	6
N	LOI450	Loss on Ignition (%)	2.8			10
UM	BTEXHSA	Sum of BTEX (mg/kg)	<0.073	6		
UM	PCBUSECD	Sum of 7 Congener PCBs (mg/kg)	<0.043	1		
U	TPHFIDUS	Mineral Oil (mg/kg)	192	500		
N	PAHMSUS	Sum of 17 PAHs (mg/kg)	<13.5	100		
UM	PHSOIL	pH (pH Units)	7.5		>6	
N	ANC	Acid Neutralisation Capacity (mol/kg)	3.74		To be evaluated	To be evaluated

Accreditation	Method Code	Leachate Analysis	10:1 Single Stage Leachate	Cumulative Amount Leached at 10:1	Landfill Waste Acceptance Criteria Limit Values		
					Inert Waste Landfill	Stable Non-Reactive Hazardous Waste in Non-Hazardous Landfill	Hazardous Waste Landfill
			mg/l except **	mg/kg (dry wt)			
U	WSLM3**	pH (pH Units)	8.2				
U	WSLM2**	Conductivity (µS/cm)	315				
U	ICPMSW	Arsenic	0.005	0.05	0.5	2	25
U	ICPWATVAR	Barium	0.02	0.2	20	100	300
U	ICPMSW	Cadmium	0.00007	0.0007	0.04	1	5
U	ICPMSW	Chromium	0.002	0.02	0.5	10	70
U	ICPMSW	Copper	0.004	0.04	2	50	100
U	ICPMSW	Mercury	<0.00003	<0.0003	0.01	0.2	2
U	ICPMSW	Molybdenum	0.007	0.07	0.5	10	30
U	ICPMSW	Nickel	<0.001	<0.01	0.4	10	40
U	ICPMSW	Lead	<0.001	<0.01	0.5	10	50
U	ICPMSW	Antimony	0.004	0.04	0.06	0.7	5
U	ICPMSW	Selenium	0.001	<0.01	0.1	0.5	7
U	ICPMSW	Zinc	<0.002	<0.02	4	50	200
U	KONENS	Chloride	1	<10	800	15000	25000
U	ISEF	Fluoride	0.5	5	10	150	500
U	ICPWATVAR	Sulphate as SO4	115	1150	1000	20000	50000
N	WSLM27	Total Dissolved Solids	223	2220	4000	60000	100000
U	SFAPI	Phenol Index	<0.05	<0.5	1		
U	WSLM13	Dissolved Organic Carbon	3.8	37.9	500	800	1000

Tests where the accreditation is set to U are UKAS accredited, those where the accreditation is set to N are not UKAS accredited.
Calculated data is not UKAS accredited
Landfill Waste Acceptance Criteria limit values correct as of 11th March 2009.

WASTE ACCEPTANCE CRITERIA TESTING
BSEN 12457/2

Client	SOCOTEC Materials Testing	
Site	Victoria Riverside	
Project	21040734	
Sample No	Sample Description	Issue Date
21040734-002	Sample 2	22/04/2021

Leaching Data	
Weight of Sample (kg)	0.105
Moisture content @ 105°C (% Wet Weight)	14.2
Equivalent weight based on drying @ 105°C (kg)	0.090
Volume of Water required for 10:1 stage (ltres)	0.885
Fraction of sample above 4mm %	0
Fraction of non-crushable material %	0

Note: The >4mm fraction is crushed using a disc mill

Accreditation	Method Code	Solid Waste Analysis (Dry Basis)	Concentration in Solid (Dry Weight Basis)	Landfill Waste Acceptance Criteria Limit Values		
				Inert Waste Landfill	Stable Non-Reactive Hazardous Waste in Non-Hazardous Landfill	Hazardous Waste Landfill
U	WSLM59	Total Organic Carbon (% M/M)	3.30	3	5	6
N	LOI450	Loss on Ignition (%)	5.5			10
UM	BTEXHSA	Sum of BTEX (mg/kg)	<0.072	6		
UM	PCBUSECD	Sum of 7 Congener PCBs (mg/kg)	<0.042	1		
U	TPHFIDUS	Mineral Oil (mg/kg)	340	500		
N	PAHMSUS	Sum of 17 PAHs (mg/kg)	<18.8	100		
UM	PHSOIL	pH (pH Units)	7.2		>6	
N	ANC	Acid Neutralisation Capacity (mol/kg)	4.92		To be evaluated	To be evaluated

Accreditation	Method Code	Leachate Analysis	10:1 Single Stage Leachate	Cumulative Amount Leached at 10:1	Landfill Waste Acceptance Criteria Limit Values		
					Inert Waste Landfill	Stable Non-Reactive Hazardous Waste in Non-Hazardous Landfill	Hazardous Waste Landfill
			mg/l except **	mg/kg (dry wt)			
U	WSLM3**	pH (pH Units)	7.3				
U	WSLM2**	Conductivity (µS/cm)	1380				
U	ICPMSW	Arsenic	0.002	0.02	0.5	2	25
U	ICPWATVAR	Barium	0.05	0.5	20	100	300
U	ICPMSW	Cadmium	0.00003	0.0003	0.04	1	5
U	ICPMSW	Chromium	<0.001	<0.01	0.5	10	70
U	ICPMSW	Copper	0.001	<0.01	2	50	100
U	ICPMSW	Mercury	<0.00003	<0.0003	0.01	0.2	2
U	ICPMSW	Molybdenum	0.018	0.18	0.5	10	30
U	ICPMSW	Nickel	0.001	<0.01	0.4	10	40
U	ICPMSW	Lead	<0.001	<0.01	0.5	10	50
U	ICPMSW	Antimony	0.006	0.06	0.06	0.7	5
U	ICPMSW	Selenium	<0.001	<0.01	0.1	0.5	7
U	ICPMSW	Zinc	0.002	<0.02	4	50	200
U	KONENS	Chloride	8	80	800	15000	25000
U	ISEF	Fluoride	0.4	4	10	150	500
U	ICPWATVAR	Sulphate as SO4	811	8090	1000	20000	50000
N	WSLM27	Total Dissolved Solids	977	9750	4000	60000	100000
U	SFAPI	Phenol Index	<0.05	<0.5	1		
U	WSLM13	Dissolved Organic Carbon	5.0	49.9	500	800	1000

Tests where the accreditation is set to U are UKAS accredited, those where the accreditation is set to N are not UKAS accredited.
Calculated data is not UKAS accredited
Landfill Waste Acceptance Criteria limit values correct as of 11th March 2009.

WASTE ACCEPTANCE CRITERIA TESTING
BSEN 12457/2

Client	SOCOTEC Materials Testing	
Site	Victoria Riverside	
Project	21040734	
Sample No	Sample Description	Issue Date
21040734-003	Sample 3	22/04/2021

Leaching Data	
Weight of Sample (kg)	0.107
Moisture content @ 105°C (% Wet Weight)	16.2
Equivalent weight based on drying @ 105°C (kg)	0.090
Volume of Water required for 10:1 stage (ltres)	0.883
Fraction of sample above 4mm %	60.8
Fraction of non-crushable material %	0

Note: The >4mm fraction is crushed using a disc mill

Accreditation	Method Code	Solid Waste Analysis (Dry Basis)	Concentration in Solid (Dry Weight Basis)	Landfill Waste Acceptance Criteria Limit Values		
				Inert Waste Landfill	Stable Non-Reactive Hazardous Waste in Non-Hazardous Landfill	Hazardous Waste Landfill
U	WSLM59	Total Organic Carbon (% M/M)	5.56	3	5	6
N	LOI450	Loss on Ignition (%)	6.6			10
UM	BTEXHSA	Sum of BTEX (mg/kg)	<0.074	6		
UM	PCBUSECD	Sum of 7 Congener PCBs (mg/kg)	<0.043	1		
U	TPHFIDUS	Mineral Oil (mg/kg)	231	500		
N	PAHMSUS	Sum of 17 PAHs (mg/kg)	303	100		
UM	PHSOIL	pH (pH Units)	7.9		>6	
N	ANC	Acid Neutralisation Capacity (mol/kg)	1.23		To be evaluated	To be evaluated

Accreditation	Method Code	Leachate Analysis	10:1 Single Stage Leachate	Cumulative Amount Leached at 10:1	Landfill Waste Acceptance Criteria Limit Values		
					Inert Waste Landfill	Stable Non-Reactive Hazardous Waste in Non-Hazardous Landfill	Hazardous Waste Landfill
			mg/l except **	mg/kg (dry wt)			
U	WSLM3**	pH (pH Units)	7.5				
U	WSLM2**	Conductivity (µS/cm)	339				
U	ICPMSW	Arsenic	0.003	0.03	0.5	2	25
U	ICPWATVAR	Barium	0.02	0.2	20	100	300
U	ICPMSW	Cadmium	0.00005	0.0005	0.04	1	5
U	ICPMSW	Chromium	<0.001	<0.01	0.5	10	70
U	ICPMSW	Copper	0.003	0.03	2	50	100
U	ICPMSW	Mercury	<0.00003	<0.0003	0.01	0.2	2
U	ICPMSW	Molybdenum	0.019	0.19	0.5	10	30
U	ICPMSW	Nickel	<0.001	<0.01	0.4	10	40
U	ICPMSW	Lead	<0.001	<0.01	0.5	10	50
U	ICPMSW	Antimony	0.005	0.05	0.06	0.7	5
U	ICPMSW	Selenium	<0.001	<0.01	0.1	0.5	7
U	ICPMSW	Zinc	<0.002	<0.02	4	50	200
U	KONENS	Chloride	3	30	800	15000	25000
U	ISEF	Fluoride	0.9	9	10	150	500
U	ICPWATVAR	Sulphate as SO4	114	1140	1000	20000	50000
N	WSLM27	Total Dissolved Solids	240	2390	4000	60000	100000
U	SFAPI	Phenol Index	<0.05	<0.5	1		
U	WSLM13	Dissolved Organic Carbon	3.1	30.9	500	800	1000

Tests where the accreditation is set to U are UKAS accredited, those where the accreditation is set to N are not UKAS accredited.
Calculated data is not UKAS accredited
Landfill Waste Acceptance Criteria limit values correct as of 11th March 2009.

WASTE ACCEPTANCE CRITERIA TESTING
BSEN 12457/2

Client	SOCOTEC Materials Testing	
Site	Victoria Riverside	
Project	21040734	
Sample No	Sample Description	Issue Date
21040734-004	Sample 4	22/04/2021

Leaching Data	
Weight of Sample (kg)	0.104
Moisture content @ 105°C (% Wet Weight)	13.8
Equivalent weight based on drying @ 105°C (kg)	0.090
Volume of Water required for 10:1 stage (ltres)	0.886
Fraction of sample above 4mm %	88.9
Fraction of non-crushable material %	0

Note: The >4mm fraction is crushed using a disc mill

Accreditation	Method Code	Solid Waste Analysis (Dry Basis)	Concentration in Solid (Dry Weight Basis)	Landfill Waste Acceptance Criteria Limit Values		
				Inert Waste Landfill	Stable Non-Reactive Hazardous Waste in Non-Hazardous Landfill	Hazardous Waste Landfill
U	WSLM59	Total Organic Carbon (% M/M)	2.06	3	5	6
N	LOI450	Loss on Ignition (%)	4.6			10
UM	BTEXHSA	Sum of BTEX (mg/kg)	<0.072	6		
UM	PCBUSECD	Sum of 7 Congener PCBs (mg/kg)	<0.042	1		
U	TPHFIDUS	Mineral Oil (mg/kg)	434	500		
N	PAHMSUS	Sum of 17 PAHs (mg/kg)	<39.3	100		
UM	PHSOIL	pH (pH Units)	10.1		>6	
N	ANC	Acid Neutralisation Capacity (mol/kg)	1.68		To be evaluated	To be evaluated

Accreditation	Method Code	Leachate Analysis	10:1 Single Stage Leachate	Cumulative Amount Leached at 10:1	Landfill Waste Acceptance Criteria Limit Values		
					Inert Waste Landfill	Stable Non-Reactive Hazardous Waste in Non-Hazardous Landfill	Hazardous Waste Landfill
			mg/l except **	mg/kg (dry wt)			
U	WSLM3**	pH (pH Units)	10.9				
U	WSLM2**	Conductivity (µS/cm)	322				
U	ICPMSW	Arsenic	0.005	0.05	0.5	2	25
U	ICPWATVAR	Barium	<0.01	<0.1	20	100	300
U	ICPMSW	Cadmium	<0.00002	<0.0002	0.04	1	5
U	ICPMSW	Chromium	0.006	0.06	0.5	10	70
U	ICPMSW	Copper	0.015	0.15	2	50	100
U	ICPMSW	Mercury	<0.00003	<0.0003	0.01	0.2	2
U	ICPMSW	Molybdenum	0.008	0.08	0.5	10	30
U	ICPMSW	Nickel	0.001	<0.01	0.4	10	40
U	ICPMSW	Lead	<0.001	<0.01	0.5	10	50
U	ICPMSW	Antimony	0.005	0.05	0.06	0.7	5
U	ICPMSW	Selenium	0.001	<0.01	0.1	0.5	7
U	ICPMSW	Zinc	<0.002	<0.02	4	50	200
U	KONENS	Chloride	8	80	800	15000	25000
U	ISEF	Fluoride	0.3	3	10	150	500
U	ICPWATVAR	Sulphate as SO4	61	609	1000	20000	50000
N	WSLM27	Total Dissolved Solids	228	2280	4000	60000	100000
U	SFAPI	Phenol Index	<0.05	<0.5	1		
U	WSLM13	Dissolved Organic Carbon	4.5	44.9	500	800	1000

Tests where the accreditation is set to U are UKAS accredited, those where the accreditation is set to N are not UKAS accredited.
Calculated data is not UKAS accredited
Landfill Waste Acceptance Criteria limit values correct as of 11th March 2009.

WASTE ACCEPTANCE CRITERIA TESTING
BSEN 12457/2

Client	SOCOTEC Materials Testing	
Site	Victoria Riverside	
Project	21040734	
Sample No	Sample Description	Issue Date
21040734-005	Sample 5	22/04/2021

Leaching Data	
Weight of Sample (kg)	0.101
Moisture content @ 105°C (% Wet Weight)	10.5
Equivalent weight based on drying @ 105°C (kg)	0.090
Volume of Water required for 10:1 stage (ltres)	0.889
Fraction of sample above 4mm %	100
Fraction of non-crushable material %	0

Note: The >4mm fraction is crushed using a disc mill

Accreditation	Method Code	Solid Waste Analysis (Dry Basis)	Concentration in Solid (Dry Weight Basis)	Landfill Waste Acceptance Criteria Limit Values		
				Inert Waste Landfill	Stable Non-Reactive Hazardous Waste in Non-Hazardous Landfill	Hazardous Waste Landfill
U	WSLM59	Total Organic Carbon (% M/M)	1.45	3	5	6
N	LOI450	Loss on Ignition (%)	3.1			10
UM	BTEXHSA	Sum of BTEX (mg/kg)	<0.069	6		
UM	PCBUSECD	Sum of 7 Congener PCBs (mg/kg)	<0.040	1		
U	TPHFIDUS	Mineral Oil (mg/kg)	1120	500		
N	PAHMSUS	Sum of 17 PAHs (mg/kg)	<65.6	100		
UM	PHSOIL	pH (pH Units)	9.9		>6	
N	ANC	Acid Neutralisation Capacity (mol/kg)	0.73		To be evaluated	To be evaluated

Accreditation	Method Code	Leachate Analysis	10:1 Single Stage Leachate	Cumulative Amount Leached at 10:1	Landfill Waste Acceptance Criteria Limit Values		
					Inert Waste Landfill	Stable Non-Reactive Hazardous Waste in Non-Hazardous Landfill	Hazardous Waste Landfill
			mg/l except **	mg/kg (dry wt)			
U	WSLM3**	pH (pH Units)	10.7				
U	WSLM2**	Conductivity (µS/cm)	261				
U	ICPMSW	Arsenic	0.007	0.07	0.5	2	25
U	ICPWATVAR	Barium	<0.01	<0.1	20	100	300
U	ICPMSW	Cadmium	0.00003	0.0003	0.04	1	5
U	ICPMSW	Chromium	0.003	0.03	0.5	10	70
U	ICPMSW	Copper	0.012	0.12	2	50	100
U	ICPMSW	Mercury	<0.00003	<0.0003	0.01	0.2	2
U	ICPMSW	Molybdenum	0.011	0.11	0.5	10	30
U	ICPMSW	Nickel	0.001	<0.01	0.4	10	40
U	ICPMSW	Lead	<0.001	<0.01	0.5	10	50
U	ICPMSW	Antimony	0.011	0.11	0.06	0.7	5
U	ICPMSW	Selenium	0.002	0.02	0.1	0.5	7
U	ICPMSW	Zinc	<0.002	<0.02	4	50	200
U	KONENS	Chloride	2	20	800	15000	25000
U	ISEF	Fluoride	0.3	3	10	150	500
U	ICPWATVAR	Sulphate as SO4	58	579	1000	20000	50000
N	WSLM27	Total Dissolved Solids	185	1850	4000	60000	100000
U	SFAPI	Phenol Index	<0.05	<0.5	1		
U	WSLM13	Dissolved Organic Carbon	5.5	54.9	500	800	1000

Tests where the accreditation is set to U are UKAS accredited, those where the accreditation is set to N are not UKAS accredited.
Calculated data is not UKAS accredited
Landfill Waste Acceptance Criteria limit values correct as of 11th March 2009.

WASTE ACCEPTANCE CRITERIA TESTING
BSEN 12457/2

Client	SOCOTEC Materials Testing	
Site	Victoria Riverside	
Project	21040734	
Sample No	Sample Description	Issue Date
21040734-006	Sample 6	22/04/2021

Leaching Data	
Weight of Sample (kg)	0.102
Moisture content @ 105°C (% Wet Weight)	11.5
Equivalent weight based on drying @ 105°C (kg)	0.090
Volume of Water required for 10:1 stage (ltres)	0.888
Fraction of sample above 4mm %	81.0
Fraction of non-crushable material %	0

Note: The >4mm fraction is crushed using a disc mill

Accreditation	Method Code	Solid Waste Analysis (Dry Basis)	Concentration in Solid (Dry Weight Basis)	Landfill Waste Acceptance Criteria Limit Values		
				Inert Waste Landfill	Stable Non-Reactive Hazardous Waste in Non-Hazardous Landfill	Hazardous Waste Landfill
U	WSLM59	Total Organic Carbon (% M/M)	1.89	3	5	6
N	LOI450	Loss on Ignition (%)	3.8			10
UM	BTEXHSA	Sum of BTEX (mg/kg)	<0.070	6		
UM	PCBUSECD	Sum of 7 Congener PCBs (mg/kg)	<0.041	1		
U	TPHFIDUS	Mineral Oil (mg/kg)	1030	500		
N	PAHMSUS	Sum of 17 PAHs (mg/kg)	<13.9	100		
UM	PHSOIL	pH (pH Units)	9.8		>6	
N	ANC	Acid Neutralisation Capacity (mol/kg)	3.52		To be evaluated	To be evaluated

Accreditation	Method Code	Leachate Analysis	10:1 Single Stage Leachate	Cumulative Amount Leached at 10:1	Landfill Waste Acceptance Criteria Limit Values		
					Inert Waste Landfill	Stable Non-Reactive Hazardous Waste in Non-Hazardous Landfill	Hazardous Waste Landfill
			mg/l except **	mg/kg (dry wt)			
U	WSLM3**	pH (pH Units)	10.4				
U	WSLM2**	Conductivity (µS/cm)	497				
U	ICPMSW	Arsenic	0.003	0.03	0.5	2	25
U	ICPWATVAR	Barium	0.02	0.2	20	100	300
U	ICPMSW	Cadmium	<0.00002	<0.0002	0.04	1	5
U	ICPMSW	Chromium	0.008	0.08	0.5	10	70
U	ICPMSW	Copper	0.009	0.09	2	50	100
U	ICPMSW	Mercury	<0.00003	<0.0003	0.01	0.2	2
U	ICPMSW	Molybdenum	0.013	0.13	0.5	10	30
U	ICPMSW	Nickel	0.001	<0.01	0.4	10	40
U	ICPMSW	Lead	<0.001	<0.01	0.5	10	50
U	ICPMSW	Antimony	0.009	0.09	0.06	0.7	5
U	ICPMSW	Selenium	<0.001	<0.01	0.1	0.5	7
U	ICPMSW	Zinc	<0.002	<0.02	4	50	200
U	KONENS	Chloride	7	70	800	15000	25000
U	ISEF	Fluoride	0.3	3	10	150	500
U	ICPWATVAR	Sulphate as SO4	232	2320	1000	20000	50000
N	WSLM27	Total Dissolved Solids		3510	4000	60000	100000
U	SFAPI	Phenol Index	<0.05	<0.5	1		
U	WSLM13	Dissolved Organic Carbon	4.2	41.9	500	800	1000

Tests where the accreditation is set to U are UKAS accredited, those where the accreditation is set to N are not UKAS accredited.
Calculated data is not UKAS accredited
Landfill Waste Acceptance Criteria limit values correct as of 11th March 2009.

Client: SOCOTEC Materials Testing

Project Name: Victoria Riverside

Project No: 21040734

Date Issued: 22/04/2021

Deviating Sample Report

Sample Reference	Text ID	Reported Name	Incorrect Container	Incorrect Label	Headspace	Incorrect/No Preservative	No Sampling Date	Holding Time

Analysis Method

Analysis	Analysis Type	Analysis Method
ANC	INORGANIC	Air Dried & Ground
BTEXHSA	ORGANIC	As Received
CLANDPREP	PHYS	As Received
ICPMSS	METALS	Air Dried & Ground
ICPMSW (Dissolved)	CHEM	
ICPWATVAR (Dissolved)	CHEM	
ISEF	CHEM	
KONENS	CHEM	Filtered
Leachate Preparation CEN 10:1	PHYS	As Received
LOI(%MM)	INORGANIC	Air Dried & Ground
PAHMSUS	ORGANIC	As Received
PCBECD	ORGANIC	As Received
PHSOIL	INORGANIC	As Received
SFAPI	CHEM	
TMSS	PHYS	As Received
TPHFIDUS (Aliphatic)	ORGANIC	As Received
WAC	GENERAL	
WSLM13	CHEM	
WSLM2 & 3	CHEM	
WSLM59	INORGANIC	Air Dried & Ground

Additional Information

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

Results within this report relate only to the samples tested.

In the accreditation column of analysis report the codes are as follows:

U = UKAS accredited analysis
M = MCERT accredited analysis
N = Unaccredited analysis

Any units marked with ^ signify results are reported on a dry weight basis of 105° C

All Air Dried and Ground Samples (ADG) are oven dried at less than 35° C.

This report shall not be reproduced except in full and with approval from the laboratory.

Opinions and interpretations given are outside the scope of our UKAS accreditation.

Any samples marked with * are not covered by our scope of UKAS accreditation. If applicable, further report notes have been added.

Any solid samples where the Major Constituents are not one of the following (Sand, Silt, Clay, Made Ground) are not one of our accredited matrix types.

Any samples marked with ‡ have had MCERTS accreditation removed for this result

Any samples marked with a tick in the deviant table is deviant for the specific reason.

Any samples reported as IS, NA, ND mean the following:

IS = Insufficient Sample to complete analysis
NA = Sample is not amenable for the required analysis
ND = Results cannot be determined

Our deviating sample report does not include deviancy information for Subcontracted analysis. Please see the report from the Subcontracted lab for information regarding any deviancies for this analysis.

End of Certificate of Analysis

Appendix J Waste Carrier Licenses.

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Certificate of Registration under the Waste (England and Wales) Regulations 2011

Regulation authority

Name	Environment Agency
Address	National Customer Service Centre 99 Parkway Avenue Sheffield S9 4WF
Telephone number	03708 506506

The Environment Agency certify that the following information is entered in the register which they maintain under regulation 28 of the Waste (England and Wales) Regulations 2011.

Carriers details

Name of registered carrier	William Leeson
Business name (if applicable)	W. Leeson & Son
Registered as	an upper tier waste carrier, broker and dealer
Registration number	CBDU100836
Address of place of business	48 ASHLANDS SALE M33 5PD
Telephone number	01617907888
Date of registration	Thursday 23rd May 2019
Expiry date of registration (unless revoked)	Friday 10th June 2022

Making changes to your registration

Your registration will last 3 years and will need to be renewed after this period. If any of your details change, you must notify us within 28 days of the change.

Certificate of Registration under the Waste (England and Wales) Regulations 2011

Regulation authority

Name	Environment Agency
Address	National Customer Service Centre 99 Parkway Avenue Sheffield S9 4WF
Telephone number	03708 506506

The Environment Agency certify that the following information is entered in the register which they maintain under regulation 28 of the Waste (England and Wales) Regulations 2011.

Carriers details

Name of registered carrier	MCDONNELL HAULAGE LTD
Registered as	an upper tier waste carrier, broker and dealer
Registration number	CBDU46027
Address of place of business	10 10 TURNPIKE CLOSE ROCHDALE OL12 6HG
Telephone number	07968090905
Date of registration	Tuesday 2nd October 2018
Expiry date of registration (unless revoked)	Monday 1st November 2021

Making changes to your registration

Your registration will last 3 years and will need to be renewed after this period. If any of your details change, you must notify us within 28 days of the change.

You can do this by calling the Environment Agency and providing your access code. Your access code is: **KHKGYN**.

Certificate of Registration under the Waste (England and Wales) Regulations 2011

Regulation authority

Name	Environment Agency
Address	National Customer Service Centre 99 Parkway Avenue Sheffield S9 4WF
Telephone number	03708 506506

The Environment Agency certify that the following information is entered in the register which they maintain under regulation 28 of the Waste (England and Wales) Regulations 2011.

Carriers details

Name of registered carrier	Chartrange Enviro Ltd
Registered as	An upper tier waste carrier, broker and dealer
Registration number	CBDU177542
Address of place of business	CHART RANGE LTD WHARF STREET DUKINFIELD SK16 4NJ
Telephone number	0161 339 4949
Date of registration	11 February 2020
Expiry date of registration (unless revoked)	8 May 2023

Making changes to your registration

Your registration will last 3 years and will need to be renewed after this period. If any of your details change, you must notify us within 28 days of the change.

Appendix K Environmental Permits (Receiving Sites/Facilities).

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Notice of transfer and variation with introductory note

The Environmental Permitting (England & Wales) Regulations 2010

Chartrange (Quarry Products) Limited

Aggregate & Soil Recycling Facility
Overman Way
Agecroft Commerce Park
Salford
Manchester
M27 8UJ

Transfer application number

EPR/EB3903LV/T001

Permit number

EPR/EB3903LV

Aggregate & Soil Recycling Facility
Permit number EPR/EB3903LV

Introductory note

This introductory note does not form a part of the notice.

The following notice gives notice of the transfer in part and variation of an environmental permit to a new operator (the transferee).

Application to partially transfer the permit and a plot of land from Manchester Waste Recycling to Chartrange (Quarry Products) Limited.

Any changes made as a result of the part transfer and variation are set out in Schedule 1.

The status log of a permit sets out the permitting history, including any changes to the permit reference number.

Status log of the permit		
Description	**Date**	**Comments**
Permit determined EPR/AB3939RT/A001	27/01/12	Permit issued to A1 Services (Manchester) Limited
Transfer determined EPR/MB3034AP/T001 (full transfer of permit EPR/AB3939RT)	15/11/12	Transfer of permit in full to Manchester Waste Recycling Limited
Variation determined EPR/EB3903LV/V002	06/03/17	Application to add one waste code to the permit. Notice of variation issued.
Application EPR/MB3034AP/T003 (partial transfer of permit EPR/MB3034AP)	Duly made 06/02/17	Application to partially transfer permit from Manchester Waste Recycling Limited to Chartrange (Quarry Products) Limited. The fire prevention condition is also added as an Environment Agency initiated variation.
Transfer and variation determined EPR/EB3903LV	29/03/17	Partial transfer and Environment Agency initiated variation of permit complete

End of introductory note

Notice of transfer

The Environmental Permitting (England and Wales) Regulations 2010

The Environment Agency in exercise of its powers under regulation 20 and 21 of the Environmental Permitting (England and Wales) Regulations 2010 transfers part of and varies.

Permit number

EPR/MB3034AP

to

Chartrange (Quarry Products) Limited ("the operator")

whose registered office is

Wharf Street
Dukinfield
Cheshire
SK16 4NJ

company registration number 03189874

to operate a regulated facility at

Aggregate & Soil Recycling Facility
Overman Way
Agecroft Commerce Park
Salford
Manchester
M27 8UJ

from Manchester Waste Recycling Ltd

to the extent set out in the schedules.

This notice shall take effect from 29/03/2017

The number of the new permit granted to Chartrange (Quarry Products) Limited is EPR/EB3903LV

Name	Date
Derek Franklin	29/03/2017

Authorised on behalf of the Environment Agency

Schedule 1 – changes to the permit

Note: The conditions numbers used in this schedule refer to those in the new permit.

Only condition 3.4 have been varied by the new permit as a result of an Environment Agency initiated variation.

Schedule 2 – new permit

New permit issued as a separate document.

Permit

The Environmental Permitting (England and Wales) Regulations 2010

Permit number

EPR/EB3903LV

This is the consolidated permit referred to in the notice for transfer application EPR/EB3903LV/T001 authorising,

Chartrange (Quarry Products) Limited ("the operator"),

whose registered office is

Wharf Street
Dukinfield
Cheshire
SK16 4NJ

company registration number 03189874

to operate waste operations at

Aggregate & Soil Recycling Facility
Overman Way
Agecroft Commerce Park
Salford
Manchester
M27 8UJ

to the extent authorised by and subject to the conditions of this permit.

Name	Date
Derek Franklin	**29/03/2017**

Authorised on behalf of the Environment Agency

Conditions

1 Management

1.1 General management

1.1.1 The operator shall manage and operate the activities:

(a) in accordance with a written management system that identifies and minimises risks of pollution, including those arising from operations, maintenance, accidents, incidents, non-conformances, closure and those drawn to the attention of the operator as a result of complaints; and

(b) using sufficient competent persons and resources.

1.1.2 Records demonstrating compliance with condition 1.1.1 shall be maintained.

1.1.3 Any person having duties that are or may be affected by the matters set out in this permit shall have convenient access to a copy of it kept at or near the place where those duties are carried out.

1.1.4 The operator shall comply with the requirements of an approved competence scheme.

1.2 Avoidance, recovery and disposal of wastes produced by the activities

1.2.1 The operator shall take appropriate measures to ensure that:

(a) the waste hierarchy referred to in Article 4 of the Waste Framework Directive is applied to the generation of waste by the activities; and

(b) any waste generated by the activities is treated in accordance with the waste hierarchy referred to in Article 4 of the Waste Framework Directive; and

(c) where disposal is necessary, this is undertaken in a manner which minimises its impact on the environment.

1.2.2 The operator shall review and record at least every four years whether changes to those measures should be made and take any further appropriate measures identified by a review.

2 Operations

2.1 Permitted activities

2.1.1 The operator is only authorised to carry out the activities specified in schedule 1 table S1.1 (the "activities").

2.2 The site

2.2.1 The activities shall not extend beyond the site, being the land shown edged in green on the site plan at schedule 7 to this permit.

2.3 Operating techniques

2.3.1 The activities shall, subject to the conditions of this permit, be operated using the techniques and in the manner described in the documentation specified in schedule 1, table S1.2, unless otherwise agreed in writing by the Environment Agency.

2.3.2 If notified by the Environment Agency that the activities are giving rise to pollution, the operator shall submit to the Environment Agency for approval within the period specified, a revision of any plan or other documentation ("plan") specified in schedule 1, table S1.2 or otherwise required under this permit which identifies and minimises the risks of pollution relevant to that plan , and shall implement the approved revised plan in place of the original from the date of approval, unless otherwise agreed in writing by the Environment Agency.

2.3.3 Waste shall only be accepted if:

(a) it is of a type and quantity listed in schedule 2 table S2.1; and

(b) it conforms to the description in the documentation supplied by the producer and holder.

2.4 Technical requirements

Hazardous waste storage and treatment

2.4.1 Hazardous waste shall not be mixed, either with a different category of hazardous waste or with other waste, substances or materials, unless it is authorised by schedule 1 table S1.1 and appropriate measures are taken.

3 Emissions and monitoring

3.1 Emissions of substances not controlled by emission limits

3.1.1. Emissions of substances not controlled by emission limits (excluding odour) shall not cause pollution. The operator shall not be taken to have breached this condition if appropriate measures, including, but not limited to, those specified in any approved emissions management plan, have been taken to prevent or where that is not practicable, to minimise, those emissions.

3.1.2 The operator shall:

(a) if notified by the Environment Agency that the activities are giving rise to pollution, submit to the Environment Agency for approval within the period specified, an emissions management plan which identifies and minimises the risks of pollution from emissions of substances not controlled by emission limits;

(b) implement the approved emissions management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.

3.2 Odour

3.2.1 Emissions from the activities shall be free from odour at levels likely to cause pollution outside the site, as perceived by an authorised officer of the Environment Agency, unless the operator has used appropriate measures, including, but not limited to, those specified in any approved odour management plan, to prevent or where that is not practicable to minimise the odour.

3.2.2 The operator shall:

(a) if notified by the Environment Agency that the activities are giving rise to pollution outside the site due to odour, submit to the Environment Agency for approval within the period specified, an odour management plan which identifies and minimises the risks of pollution from odour;

(b) implement the approved odour management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.

3.3 Noise and vibration

3.3.1 Emissions from the activities shall be free from noise and vibration at levels likely to cause pollution outside the site, as perceived by an authorised officer of the Environment Agency, unless the operator has used appropriate measures, including, but not limited to, those specified in any approved noise and vibration management plan to prevent or where that is not practicable to minimise the noise and vibration.

3.3.2 The operator shall:

(a) if notified by the Environment Agency that the activities are giving rise to pollution outside the site due to noise and vibration, submit to the Environment Agency for approval within the period specified, a noise and vibration management plan which identifies and minimises the risks of pollution from noise and vibration;

(b) implement the approved noise and vibration management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.

3.4 Fire prevention

3.4.1 The operator shall take all appropriate measures to prevent fires on site and minimise the risk of pollution from them including, but not limited to, those specified in any approved fire prevention plan.

3.4.2 The operator shall:

(a) if notified by the Environment Agency that the activities are giving rise to a risk of fire, submit to the Environment Agency for approval within the period specified, a fire prevention plan which prevents fires and minimises the risk of pollution from fires;

(b) implement the fire prevention plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.

4 Information

4.1 Records

4.1.1 All records required to be made by this permit shall:

(a) be legible;

(b) be made as soon as reasonably practicable;

(c) if amended, be amended in such a way that the original and any subsequent amendments remain legible, or are capable of retrieval; and

(d) be retained, unless otherwise agreed in writing by the Environment Agency, for at least 6 years from the date when the records were made, or in the case of the following records until permit surrender:

(i) off-site environmental effects; and

(ii) matters which affect the condition of the land and groundwater.

4.1.2 The operator shall keep on site all records, plans and the management system required to be maintained by this permit, unless otherwise agreed in writing by the Environment Agency.

4.2 Reporting

4.2.1 The operator shall send all reports and notifications required by the permit to the Environment Agency using the contact details supplied in writing by the Environment Agency.

4.2.2 Within one month of the end of each quarter, the operator shall submit to the Environment Agency using the form made available for the purpose, the information specified on the form relating to the site and the waste accepted and removed from it during the previous quarter.

4.3 Notifications

4.3.1 The Environment Agency shall be notified without delay following the detection of:

(a) any malfunction, breakdown or failure of equipment or techniques, accident, or emission of a substance not controlled by an emission limit which has caused, is causing or may cause significant pollution;

(b) the breach of a limit specified in the permit; or

(c) any significant adverse environmental effects.

4.3.2 Any information provided under condition 4.3.1 shall be confirmed by sending the information listed in schedule 5 to this permit within the time period specified in that schedule.

4.3.3 Where the Environment Agency has requested in writing that it shall be notified when the operator is to undertake monitoring and/or spot sampling, the operator shall inform the Environment Agency when the relevant monitoring and/or spot sampling is to take place. The operator shall provide this information to the Environment Agency at least 14 days before the date the monitoring is to be undertaken.

4.3.4 The Environment Agency shall be notified within 14 days of the occurrence of the following matters, except where such disclosure is prohibited by Stock Exchange rules:

Where the operator is a registered company:

(a) any change in the operator's trading name, registered name or registered office address; and

(b) any steps taken with a view to the operator going into administration, entering into a company voluntary arrangement or being wound up.

Where the operator is a corporate body other than a registered company:

(c) any change in the operator's name or address; and

(d) any steps taken with a view to the dissolution of the operator.

In any other case:

(e) the death of any of the named operators (where the operator consists of more than one named individual);

(f) any change in the operator's name(s) or address(es); and

(g) any steps taken with a view to the operator, or any one of them, going into bankruptcy, entering into a composition or arrangement with creditors, or, in the case of them being in a partnership, dissolving the partnership.

4.3.5 Where the operator proposes to make a change in the nature or functioning, or an extension of the activities, which may have consequences for the environment and the change is not otherwise the subject of an application for approval under the Regulations or this permit:

(a) the Environment Agency shall be notified at least 14 days before making the change; and

(b) the notification shall contain a description of the proposed change in operation.

4.4 Interpretation

4.4.1 In this permit the expressions listed in schedule 6 shall have the meaning given in that schedule.

4.4.2 In this permit references to reports and notifications mean written reports and notifications, except where reference is made to notification being made "without delay", in which case it may be provided by telephone.

Schedule 1 - Operations

Table S1.1 activities	
Description of activities for waste operations	**Limits of activities**
R13: Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced)	Treatment consisting only of manual sorting, separation, screening, baling, shredding, crushing, or compaction of non-hazardous waste into different components for disposal, (no more than 50 tonnes per day) or recovery.
D15: Storage of waste pending any of the operations numbered D1 to D14 (excluding temporary storage, pending collection, on the site where it is produced)	The maximum quantity of asbestos waste received at the site shall not exceed 10 tonnes per day The maximum quantity of asbestos waste stored at the site shall not exceed 10 tonnes.
D9: Physico-chemical treatment of waste prior to disposal of the waste	There shall be no treatment of asbestos waste and waste electrical and electronic equipment (WEEE).
R3: Recycling/reclamation of organic substances which are not used as solvents	Waste types as specified in Table S2.1 (all non-hazardous except asbestos waste – waste code 17 06 05* (bonded asbestos only))
R4: Recycling/reclamation of metals and metal compounds	No more than a total of 50 tonnes of intact and shredded waste vehicle tyres (waste codes 16 01 03 and 19 12 04) shall be stored at the site.
R5: Recycling/reclamation of other inorganic materials	Wastes shall be stored for no longer than 1 year prior to disposal or 3 years prior to recovery

Table S1.2 Operating techniques		
Description	**Parts**	**Date Received**
Application	Part B4 of the application form Amended page 2 of B4	28/07/11 17/11/11

Schedule 2 - Waste types

Table S2.1 Permitted waste types and quantities	
The total quantity of waste accepted at the site shall be less than 235,000 tonnes per year.	
Exclusions Wastes having any of the following characteristics shall not be accepted: • Consisting solely or mainly of dusts, powders or loose fibres • Wastes that are in a form which is either sludge or liquid • Putrescible wastes	
Waste code	Description
01	**Wastes resulting from exploration, mining, quarrying, and physical and chemical treatment of minerals**
01 01	**wastes from mineral excavation**
01 01 01	wastes from mineral metalliferous excavation
01 01 02	wastes from mineral non-metalliferous excavation
01 03	**wastes from physical and chemical processing of metalliferous minerals**
01 03 06	tailings other than those mentioned in 01 03 04 and 01 03 05
01 03 09	red mud from alumina production other than those mentioned in 01 03 10
01 04	**wastes from physical and chemical processing of non-metalliferous minerals**
01 04 08	waste gravel and crushed rocks other than those mentioned in 01 04 07
01 04 09	waste sand and clays
01 04 11	wastes from potash and rock salt processing other than those mentioned in 01 04 07
01 04 12	tailings and other wastes from washing and cleaning of minerals other than those mentioned in 01 04 07 and 01 04 11
01 04 13	wastes from stone cutting and sawing other than those mentioned in 01 04 07
02	**Wastes from agriculture, horticulture, aquaculture, forestry, hunting and fishing, food preparation and processing**
02 01	**wastes from agriculture, horticulture, aquaculture, forestry, hunting and fishing**
02 01 03	plant-tissue waste
02 01 04	waste plastics (except packaging)
02 01 07	wastes from forestry
02 01 10	waste metal
02 02	**wastes from the preparation and processing of meat, fish and other foods of animal origin**
02 02 03	materials unsuitable for consumption or processing
02 03	**wastes from fruit, vegetables, cereals, edible oils, cocoa, coffee, tea and tobacco preparation and processing; conserve production; yeast and yeast extract production, molasses preparation and fermentation**
02 03 04	materials unsuitable for consumption or processing
02 04	**wastes from sugar processing**
02 04 01	soil from cleaning and washing beet
02 04 02	off-specification calcium carbonate
02 05	**wastes from the dairy products industry**
02 05 01	materials unsuitable for consumption or processing
02 06	**wastes from the baking and confectionery industry**
02 06 01	materials unsuitable for consumption or processing

Table S2.1 Permitted waste types and quantities	
The total quantity of waste accepted at the site shall be less than 235,000 tonnes per year.	
Exclusions Wastes having any of the following characteristics shall not be accepted: • Consisting solely or mainly of dusts, powders or loose fibres • Wastes that are in a form which is either sludge or liquid • Putrescible wastes	
Waste code	Description
02 06 02	wastes from preserving agents
02 07	**wastes from the production of alcoholic and non-alcoholic beverages (except coffee, tea and cocoa)**
02 07 01	wastes from washing, cleaning and mechanical reduction of raw materials
02 07 02	wastes from spirits distillation
02 07 04	materials unsuitable for consumption or processing
03	**Wastes from wood processing and the production of panels and furniture, pulp, paper and cardboard**
03 01	**wastes from wood processing and the production of panels and furniture**
03 01 01	waste bark and cork
03 01 05	sawdust, shavings, cuttings, wood, particle board and veneer other than those mentioned in 03 01 04
03 03	**wastes from pulp, paper and cardboard production and processing**
03 03 01	waste bark and wood
03 03 07	mechanically separated rejects from pulping of waste paper and cardboard
03 03 08	wastes from sorting of paper and cardboard destined for recycling
03 03 10	fibre rejects, fibre-, filler- and coating-sludges from mechanical separation
04	**Wastes from the leather, fur and textile industries**
04 01	**wastes from the leather and fur industry**
04 01 08	waste tanned leather (blue sheetings, shavings, cuttings, buffing dust) containing chromium
04 01 09	wastes from dressing and finishing
04 02	**wastes from the textile industry**
04 02 21	wastes from unprocessed textile fibres
04 02 22	wastes from processed textile fibres
06	**Wastes from inorganic chemical processes**
06 09	**wastes from the manufacture, formulation, supply and use (MFSU) of phosphorus chemical processes**
06 09 02	phosphorous slag
06 09 04	calcium-based reaction wastes other than those mentioned in 06 09 03
06 11	**wastes from the manufacture of inorganic pigments and opacifiers**
06 11 01	calcium-based reaction wastes from titanium dioxide production
07	**Wastes from organic chemical processes**
07 02	**wastes from the MFSU of plastics, synthetic rubber and man-made fibres**
07 02 13	waste plastic
09	**Wastes from the photographic industry**
09 01	**wastes from the photographic industry**
09 01 07	photographic film and paper containing silver or silver compounds
09 01 08	photographic film and paper free of silver or silver compounds
09 01 10	single-use cameras without batteries
09 01 12	single-use cameras containing batteries other than those mentioned in 09 01 11

Table S2.1 Permitted waste types and quantities	
The total quantity of waste accepted at the site shall be less than 235,000 tonnes per year.	
Exclusions Wastes having any of the following characteristics shall not be accepted: • Consisting solely or mainly of dusts, powders or loose fibres • Wastes that are in a form which is either sludge or liquid • Putrescible wastes	
Waste code	Description
10	**Wastes from thermal processes**
10 01	**wastes from power stations and other combustion plants (except 19)**
10 01 01	bottom ash, slag and boiler dust (excluding boiler dust mentioned in 10 01 04)
10 01 05	calcium-based reaction wastes from flue-gas desulphurisation in solid form
10 01 07	calcium-based reaction wastes from flue-gas desulphurisation in sludge form
10 01 15	bottom ash, slag and boiler dust from co-incineration other than those mentioned in 10 01 14
10 01 19	wastes from gas cleaning other than those mentioned in 10 01 05, 10 01 07 and 10 01 18
10 01 24	sands from fluidised beds
10 02	**wastes from the iron and steel industry**
10 02 01	wastes from the processing of slag
10 02 02	unprocessed slag
10 02 08	solid wastes from gas treatment other than those mentioned in 10 02 07
10 02 10	mill scales
10 02 14	filter cakes from gas treatment other than those mentioned in 10 02 13
10 02 15	other filter cakes
10 03	**wastes from aluminium thermal metallurgy**
10 03 02	anode scraps
10 03 05	waste alumina
10 03 16	skimmings other than those mentioned in 10 03 15
10 03 18	carbon-containing wastes from anode manufacture other than those mentioned in 10 03 17
10 03 24	solid wastes from gas treatment other than those mentioned in 10 03 23
10 03 26	filter cakes from gas treatment other than those mentioned in 10 03 25
10 03 28	wastes from cooling-water treatment other than those mentioned in 10 03 27
10 03 30	wastes from treatment of salt slags and black drosses other than those mentioned in 10 03 29
10 04	**wastes from lead thermal metallurgy**
10 04 10	wastes from cooling-water treatment other than those mentioned in 10 04 09
10 05	**wastes from zinc thermal metallurgy**
10 05 01	slags from primary and secondary production
10 05 09	wastes from cooling-water treatment other than those mentioned in 10 05 08 primary and secondary production
10 05 11	dross and skimmings other than those mentioned in 10 05 10
10 06	**wastes from copper thermal metallurgy**
10 06 01	slags from primary and secondary production
10 06 02	dross and skimmings from primary and secondary production
10 06 10	wastes from cooling-water treatment other than those mentioned in 10 06 09
10 07	**wastes from silver, gold and platinum thermal metallurgy**
10 07 01	slags from primary and secondary production
10 07 02	dross and skimmings from primary and secondary production
10 07 03	solid wastes from gas treatment

Table S2.1 Permitted waste types and quantities	
The total quantity of waste accepted at the site shall be less than 235,000 tonnes per year.	
Exclusions Wastes having any of the following characteristics shall not be accepted: • Consisting solely or mainly of dusts, powders or loose fibres • Wastes that are in a form which is either sludge or liquid • Putrescible wastes	
Waste code	Description
10 07 05	filter cakes from gas treatment
10 07 08	wastes from cooling-water treatment other than those mentioned in 10 07 07
10 08	**wastes from other non-ferrous thermal metallurgy**
10 08 09	other slags
10 08 11	dross and skimmings other than those mentioned in 10 08 10
10 08 13	carbon-containing wastes from anode manufacture other than those mentioned in 10 08 12
10 08 14	anode scrap
10 08 18	filter cakes from flue-gas treatment other than those mentioned in 10 08 17
10 08 20	wastes from cooling-water treatment other than those mentioned in 10 08 19
10 09	**wastes from casting of ferrous pieces**
10 09 03	furnace slag
10 09 06	casting cores and moulds which have not undergone pouring other than those mentioned in 10 09 05
10 09 08	casting cores and moulds which have undergone pouring other than those mentioned in 10 09 07
10 09 14	waste binders other than those mentioned in 10 09 13
10 09 16	waste crack-indicating agent other than those mentioned in 10 09 15
10 10	**wastes from casting of non-ferrous pieces**
10 10 03	furnace slag
10 10 06	casting cores and moulds which have not undergone pouring other than those mentioned in 10 10 05
10 10 08	casting cores and moulds which have undergone pouring other than those mentioned in 10 10 07
10 10 14	waste binders other than those mentioned in 10 10 13
10 10 16	waste crack-indicating agent other than those mentioned in 10 10 15
10 11	**wastes from manufacture of glass and glass products**
10 11 03	waste glass-based fibrous materials
10 11 10	waste preparation mixture before thermal processing other than those mentioned in 10 11 09
10 11 12	waste glass other than those mentioned in 10 11 11
10 11 16	solid wastes from flue-gas treatment other than those mentioned in 10 11 15
10 11 18	filter cakes from flue-gas treatment other than those mentioned in 10 11 17
10 12	**wastes from manufacture of ceramic goods, bricks, tiles and construction products**
10 12 01	waste preparation mixture before thermal processing
10 12 05	filter cakes from gas treatment
10 12 06	discarded moulds
10 12 08	waste ceramics, bricks, tiles and construction products (after thermal processing)
10 12 10	solid wastes from gas treatment other than those mentioned in 10 12 09
10 12 12	wastes from glazing other than those mentioned in 10 12 11
10 13	**wastes from manufacture of cement, lime and plaster and articles and products made from them**

Table S2.1 Permitted waste types and quantities	
The total quantity of waste accepted at the site shall be less than 235,000 tonnes per year.	
Exclusions Wastes having any of the following characteristics shall not be accepted: • Consisting solely or mainly of dusts, powders or loose fibres • Wastes that are in a form which is either sludge or liquid • Putrescible wastes	
Waste code	Description
10 13 01	waste preparation mixture before thermal processing
10 13 04	wastes from calcination and hydration of lime
10 13 07	filter cakes from gas treatment
10 13 10	wastes from asbestos-cement manufacture other than those mentioned in 10 13 09
10 13 11	wastes from cement-based composite materials other than those mentioned in 10 13 09 and 10 13 10
10 13 13	solid wastes from gas treatment other than those mentioned in 10 13 12
10 13 14	waste concrete
11	**Wastes from chemical surface treatment and coating of metals and other materials; non-ferrous hydro matallurgy**
11 01	**wastes from chemical surface treatment and coating of metals and other materials (for example; galvanic processes, zinc coating processes, pickling processes, etching, phosphating, alkaline degreasing, anodising)**
11 01 10	filter cakes other than those mentioned in 11 01 09
11 01 14	degreasing wastes other than those mentioned in 11 01 13
11 02	**wastes from non-ferrous hydrometallurgical processes**
11 02 03	wastes from the production of anodes for aqueous electrolytical processes
11 02 06	wastes from copper hydrometallurgical processes other than those mentioned in 11 02 05
11 05	**wastes from hot galvanising processes**
11 05 01	hard zinc
11 05 02	zinc ash
12	**Wastes from shaping and physical and mechanical surface treatment of metals and plastics**
12 01	**wastes from shaping and physical and mechanical surface treatment of metals and plastics**
12 01 01	ferrous metal filings and turnings
12 01 03	non-ferrous metal filings and turnings
12 01 05	plastics shavings and turnings
12 01 13	welding wastes
12 01 17	waste blasting material other than those mentioned in 12 01 16
12 01 21	spent grinding bodies and grinding materials other than those mentioned in 12 01 20
15	**Waste packaging; absorbents, wiping cloths, filter materials and protective clothing not otherwise specified**
15 01	**packaging (including separately collected municipal packaging waste)**
15 01 01	paper and cardboard packaging
15 01 02	plastic packaging
15 01 03	wooden packaging
15 01 04	metallic packaging
15 01 05	composite packaging
15 01 06	mixed packaging

Table S2.1 Permitted waste types and quantities	
The total quantity of waste accepted at the site shall be less than 235,000 tonnes per year.	
Exclusions Wastes having any of the following characteristics shall not be accepted: • Consisting solely or mainly of dusts, powders or loose fibres • Wastes that are in a form which is either sludge or liquid • Putrescible wastes	
Waste code	Description
15 01 07	glass packaging
15 01 09	textile packaging
15 02	**absorbents, filter materials, wiping cloths and protective clothing**
15 02 03	absorbents, filter materials, wiping cloths and protective clothing other than those mentioned in 15 02 02
16	**Wastes not otherwise specified in the list**
16 01	**end-of-life vehicles from different means of transport (including off-road machinery) and wastes from dismantling of end-of-life vehicles and vehicle maintenance (except 13, 14, 16 06 and 16 08)**
16 01 03	end-of-life tyres
16 02	**wastes from electrical and electronic equipment**
16 02 14	discarded equipment other than those mentioned in 16 02 09 to 16 02 13
16 02 16	components removed from discarded equipment other than those mentioned in 16 02 15
16 03	**off-specification batches and unused products**
16 03 04	inorganic wastes other than those mentioned in 16 03 03
16 03 06	organic wastes other than those mentioned in 16 03 05
16 06	**batteries and accumulators**
16 06 04	alkaline batteries (except 16 06 03)
16 06 05	other batteries and accumulators
16 11	**waste linings and refractories**
16 11 02	carbon-based linings and refractories from metallurgical processes other than those mentioned in 16 11 01
16 11 04	other linings and refractories from metallurgical processes other than those mentioned in 16 11 03
16 11 06	linings and refractories from non-metallurgical processes other than those mentioned in 16 11 05
17	**Construction and demolition wastes (including excavated soil from contaminated sites)**
17 01	**concrete, bricks, tiles and ceramics**
17 01 01	concrete
17 01 02	bricks
17 01 03	tiles and ceramics
17 01 07	mixtures of concrete, bricks, tiles and ceramics other than those mentioned in 17 01 06
17 02	**wood, glass and plastic**
17 02 01	wood
17 02 02	glass
17 02 03	plastic
17 03	**bituminous mixtures, coal tar and tarred products**
17 03 02	bituminous mixtures other than those mentioned in 17 03 01
17 04	**metals (including their alloys)**

Table S2.1 Permitted waste types and quantities	
The total quantity of waste accepted at the site shall be less than 235,000 tonnes per year.	
Exclusions Wastes having any of the following characteristics shall not be accepted: • Consisting solely or mainly of dusts, powders or loose fibres • Wastes that are in a form which is either sludge or liquid • Putrescible wastes	
Waste code	Description
17 04 01	copper, bronze, brass
17 04 02	aluminium
17 04 03	lead
17 04 04	zinc
17 04 05	iron and steel
17 04 06	tin
17 04 07	mixed metals
17 04 11	cable other than those mentioned in 17 04 10
17 05	**soil (including excavated soil from contaminated sites), stones and dredging spoil**
17 05 04	soil and stones other than those mentioned in 17 05 03
17 05 08	track ballast other than those mentioned in 17 05 07
17 06	**insulation materials and asbestos-containing construction materials**
17 06 04	insulation materials other than those mentioned in 17 06 01 and 17 06 03
17 06 05*	construction materials containing asbestos
17 08	**gypsum-based construction materials**
17 08 02	gypsum-based construction materials other than those mentioned in 17 08 01
17 09	**other construction and demolition wastes**
17 09 04	mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03
19	**Wastes from waste management facilities. Off-site waste water treatment plants and preparation of water intended for human consumption/industrial use**
19 01	**wastes from incineration or pyrolysis of waste**
19 01 02	ferrous materials removed from bottom ash
19 01 12	bottom ash and slag other than those mentioned in 19 01 11
19 01 18	pyrolysis wastes other than those mentioned in 19 01 17
19 01 19	sands from fluidised beds
19 02	**wastes from physico/chemical treatments of waste (including dechromatation, decyanidation, neutralisation)**
19 02 03	premixed wastes composed only of non-hazardous wastes
19 02 10	combustible wastes other than those mentioned in 19 02 08 and 19 02 09
19 04	**vitrified waste and wastes from vitrification**
19 04 01	vitrified waste
19 05	**wastes from aerobic treatment of solid wastes**
19 05 01	non-composted fraction of municipal and similar wastes
19 05 02	non-composted fraction of animal and vegetable waste
19 05 03	off-specification compost
19 12	**wastes from the mechanical treatment of waste (for example; sorting, crushing, compacting, pelletising) not otherwise specified**
19 12 01	paper and cardboard
19 12 02	ferrous metal

Table S2.1 Permitted waste types and quantities	
The total quantity of waste accepted at the site shall be less than 235,000 tonnes per year.	
Exclusions Wastes having any of the following characteristics shall not be accepted: • Consisting solely or mainly of dusts, powders or loose fibres • Wastes that are in a form which is either sludge or liquid • Putrescible wastes	
Waste code	Description
19 12 03	non-ferrous metal
19 12 04	plastic and rubber
19 12 05	glass
19 12 07	wood other than that mentioned in 19 12 06
19 12 08	textiles
19 12 09	minerals (for example sand, stones)
19 12 10	combustible waste (refuse derived fuel)
19 12 12	other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11 (consisting of clean hardcore only)
19 13	**wastes from soil and groundwater remediation**
19 13 02	solid wastes from soil remediation other than those mentioned in 19 13 01
20	**Municipal wastes (household waste and similar commercial, industrial and institutional wastes) including separately collected fractions**
20 01	**separately collected fractions (except 15 01)**
20 01 01	paper and cardboard
20 01 02	glass
20 01 10	clothes
20 01 11	textiles
20 01 34	batteries and accumulators other than those mentioned in 20 01 33
20 01 36	discarded electrical and electronic equipment other than those mentioned in 20 01 21, 20 01 23 and 20 01 35
20 01 38	wood other than that mentioned in 20 01 37
20 01 39	plastics
20 01 40	metals
20 01 41	wastes from chimney sweeping
20 02	**garden and park wastes (including cemetery waste)**
20 02 01	biodegradable waste
20 02 02	soil and stones
20 03	**other municipal wastes**
20 03 01	mixed municipal waste
20 03 02	waste from markets
20 03 03	street-cleaning residues
20 03 07	bulky waste

Schedule 3 – Emissions and monitoring

There are no emission limits or associated monitoring requirements.

Schedule 4 - Reporting

There is no reporting under this schedule.

Schedule 5 – Notification

These pages outline the information that the operator must provide.

Units of measurement used in information supplied under Part A and B requirements shall be appropriate to the circumstances of the emission. Where appropriate, a comparison should be made of actual emissions and authorised emission limits.

If any information is considered commercially confidential, it should be separated from non-confidential information, supplied on a separate sheet and accompanied by an application for commercial confidentiality under the provisions of the EP Regulations.

Part A

Permit Number	
Name of operator	
Location of Facility	
Time and date of the detection	

(a) Notification requirements for any malfunction, breakdown or failure of equipment or techniques, accident, or emission of a substance not controlled by an emission limit which has caused, is causing or may cause significant pollution	
To be notified within 24 hours of detection	
Date and time of the event	
Reference or description of the location of the event	
Description of where any release into the environment took place	
Substances(s) potentially released	
Best estimate of the quantity or rate of release of substances	
Measures taken, or intended to be taken, to stop any emission	
Description of the failure or accident.	

(b) Notification requirements for the breach of a limit	
To be notified within 24 hours of detection unless otherwise specified below	
Emission point reference/ source	
Parameter(s)	
Limit	
Measured value and uncertainty	
Date and time of monitoring	
Measures taken, or intended to be taken, to stop the emission	

Time periods for notification following detection of a breach of a limit	
Parameter	**Notification period**

(c) Notification requirements for the detection of any significant adverse environmental effect	
To be notified within 24 hours of detection	
Description of where the effect on the environment was detected	
Substances(s) detected	
Concentrations of substances detected	
Date of monitoring/sampling	

Part B – to be submitted as soon as practicable

Any more accurate information on the matters for notification under Part A.	
Measures taken, or intended to be taken, to prevent a recurrence of the incident	
Measures taken, or intended to be taken, to rectify, limit or prevent any pollution of the environment which has been or may be caused by the emission	
The dates of any unauthorised emissions from the facility in the preceding 24 months.	

Name*	
Post	
Signature	
Date	

* authorised to sign on behalf of the operator

Schedule 6 - Interpretation

"accident" means an accident that may result in pollution.

"Annex IIA" means Annex IIA to Directive 2006/12/EC of the European Parliament and of the Council of 5 April 2006 on Waste.

"application" means the application for this permit, together with any additional information supplied by the operator as part of the application and any response to a notice served under Schedule 5 to the EP Regulations.

"authorised officer" means any person authorised by the Environment Agency under section 108(1) of The Environment Act 1995 to exercise, in accordance with the terms of any such authorisation, any power specified in section 108(4) of that Act.

"best available treatment, recovery and recycling techniques" shall have the meaning given to it in the document published jointly by the Department for Environment, Food and Rural Affairs, the Welsh Assembly Government and the Scottish Executive on 27th November 2006, entitled "Guidance on Best Available Treatment, Recovery and Recycling Techniques (BATRRT) and Treatment of Waste Electrical and Electronic Equipment (WEEE);

"building" means a construction that has the objective of providing sheltering cover and minimising emissions of noise, particulate matter, odour and litter.

"D" means a disposal operation provided for in Annex IIA to Directive 2006/12/EC of the European Parliament and of the Council of 5 April 2006 on Waste.

"emissions of substances not controlled by emission limits" means emissions of substances to air, water or land from the activities, either from the emission points specified in schedule 3 or from other localised or diffuse sources, which are not controlled by an emission or background concentration limit..

"emissions to land" includes emissions to groundwater.

"End-of-Life Vehicles Directive" means Directive 2000/53/EC of the European Parliament and Council of 18 September 2000 on end-of-life vehicles.

"EP Regulations" means The Environmental Permitting (England and Wales) Regulations SI 2010 No.675 and words and expressions used in this permit which are also used in the Regulations have the same meanings as in those Regulations.

"groundwater" means all water, which is below the surface of the ground in the saturation zone and in direct contact with the ground or subsoil.

"hazardous waste" has the meaning given in the Hazardous Waste (England and Wales) Regulations 2005 No.894, the Hazardous Waste (Wales) Regulations 2005 No. 1806 (W.138), the List of Wastes (England) Regulations 2005 No.895 and the List of Wastes (Wales) Regulations 2005 No. 1820 (W.148).

"ozone-depleting substances" "ODS" means "controlled substances" contained in refrigeration, air-conditioning and heat pump equipment, equipment containing solvents, fire protection systems and fire extinguishers.

"quarter" means a calendar year quarter commencing on 1 January, 1 April, 1 July or 1 October.

"R" means a recovery operation provided for in Annex IIB to Directive 2006/12/EC of the European Parliament and of the Council of 5 April 2006 on Waste.

"Waste code" means the six digit code referable to a type of waste in accordance with the List of Wastes (England)Regulations 2005, or List of Wastes (Wales) Regulations 2005, as appropriate, and in relation to hazardous waste, includes the asterisk.

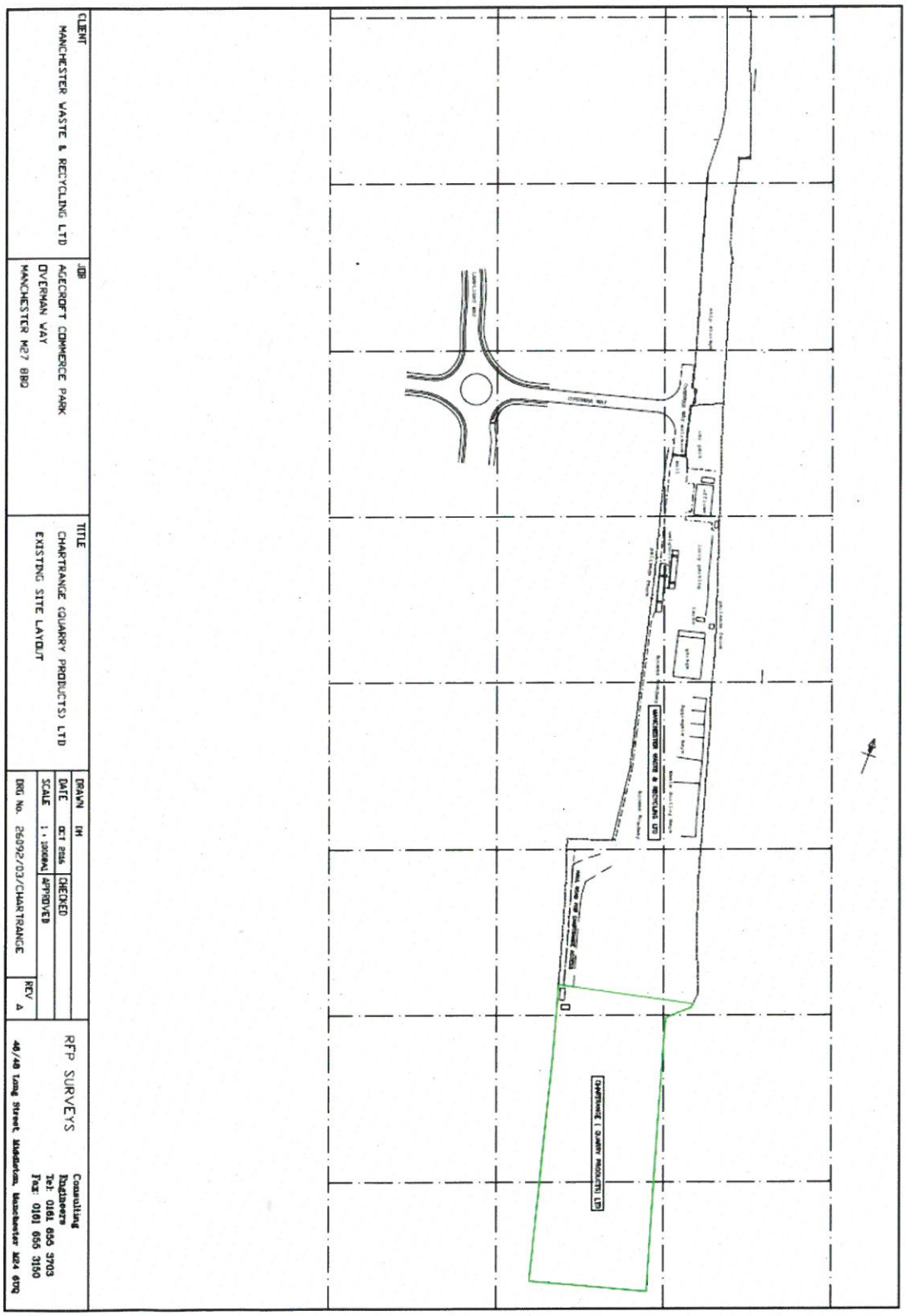
"Waste Framework Directive" or "WFD" means Waste Framework Directive 2008/98/EC of the European Parliament and of the Council on waste.

"WEEE" means waste electrical and electronic equipment.

"WEEE Directive" means Directive 2002/96/EC of the European Parliament and of the Council of 27th January 2003 on waste electrical and electronic equipment (WEEE) as amended by Directive 2003/108/EC of the European Parliament and of the Council of 8th December 2003 on waste electrical and electronic equipment (WEEE).

"year" means calendar year ending 31 December.

Schedule 7 - Site plan



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END OF PERMIT

ENVIRONMENT AGENCY

ENVIRONMENTAL PROTECTION ACT 1990.
WASTE MANAGEMENT LICENCE.

Licence Ref No: EAWML 50114 **Facility Type:** A11 Transfer Station

The Environment Agency, in pursuance of Part II of the Environmental Protection Act 1990, hereby grants a waste management licence authorising the

Keeping/Treating

of controlled waste on the land specified in schedule 1 of this licence to

William Leeson

48, Ashlands, Sale, Cheshire, M33 5PD

that person being in occupation of the said land, the said licence being subject to the conditions specified in schedule 2 to this licence.

In this licence the words and expressions contained in schedule 2 shall have the meaning assigned to them therein.

SCHEDULE 1. – SPECIFIED LAND.

The licence relates to the land at:

Off Moss Lane, Linnyshaw Trading Estate, Walkden, Worsley, M28 3LY

SD 7430 0370

(hereinafter called "the site") shown edged red on Drawing Reference Number

Plan 02:W Leeson Site Plan

attached to this licence.

For Environment Agency use only.

Signed _____ **Dave Fleming**

Team Leader Environment Management

Dated: 31/3/03

YOUR ATTENTION IS DRAWN TO THE RIGHTS OF APPEAL DETAILED IN THE NOTES AT THE END OF THIS LICENCE

Mr George Ager - Area Manager South
'Appleton House', 430 Birchwood Boulevard, Birchwood, Warrington, WA3 7WD. Tel: 01925 840000

Notice of variation and consolidation with introductory note

The Environmental Permitting (England & Wales) Regulations 2016

3C Waste Limited

Maw Green Landfill Site
Maw Green Road
Coppenhall
Crewe
Cheshire
CW1 5NG

Variation application number

EPR/BS7722ID/V007

Permit number

EPR/BS7722ID

Maw Green Landfill Site
Permit number EPR/BS7722ID

Introductory note

This introductory note does not form a part of the notice

Under the Environmental Permitting (England & Wales) Regulations 2016 (schedule 5, part 1, paragraph 19) a variation may comprise a consolidated permit reflecting the variations and a notice specifying the variations included in that consolidated permit.

Schedule 1 of the notice specifies the conditions that have been varied and schedule 2 comprises a consolidated permit which reflects the variations being made.

The main features of this Permit variation are as follows:

The Operator will use an existing concrete pad formerly used as a composting facility (located in the central eastern area of site, near to the site boundary with the rail line) to install a Soil Treatment Facility. This Treatment Facility will accept various hazardous and non-hazardous waste codes, treated by biopile technology and moisture control, with the addition of nutrients and forced air extraction to encourage micro-organism growth to facilitate hydrocarbon compound breakdown into water vapour and Carbon Dioxide.

Biopiles will be placed on water and air extraction pipes connected to a blower, which draws air through the soils where it is then passed through a biofilter, prior to discharge to air. Excess waste draining through the soils will be collected within the process pipework, from where it will be pumped into the small treatment plant prior to discharge from site to sewer or redirected via pipeline to humidify the biofilter. There is also the option to irrigate the biopile if required in the event of sustained dry periods of weather which could prove detrimental to the treatment process.

The Soil Treatment Facility can accept up to 50,000 tonnes per annum of soils, made up of both hazardous and non-hazardous waste, with a maximum capacity at the facility of 38,000 tonnes at any one time. The maximum treatment time for soils is 6 months in general, with a majority having a treatment residency of between 8 and 16 weeks.

Following treatment, the waste soil will be sampled and tested to confirm whether it meets the end point criteria. The end-point criteria is determined as being below the acceptance thresholds for waste suitable for restoration set out in the restoration plan for the landfill.

All storage and treatment will take place on impermeable surfaced areas, and drain to a sealed drainage system. There are no changes to the existing landfill activity.

Information relating to the discharge of treated leachate from the landfill was added back into the Permit following an omission in the previous variation. Water collected from the Soil Treatment Facility sealed drainage system is either used in maintaining moisture levels in the treatment process or redirected to the leachate treatment containers prior to disposal to sewer. A new plan showing the sewer connection to the site has been provided as part of this variation notice.

The schedules specify the changes made to the permit.

The status log of a permit sets out the permitting history, including any changes to the permit reference number.

Status log of the permit		
Description	**Date**	**Comments**
Application EPR/BS7722ID/A001	09/10/2003	Received
Request for information	17/06/2004	Response received 19/07/2004
Request for information	23/06/2004	Response received 06/07/2004
Request for information	06/07/2004	Response received 20/07/2004
Request for information	25/08/2004	Response received 06/10/2004 and 11/10/2004
Request for information	30/12/2004	Response received 14/01/2005 and 27/01/2005
Permit determined EPR/BS7722ID	15/02/2005	
Variation notice UP3232LQ determined (EPR/BS7722ID/V002)	17/03/2005	
Application for Permit variation (EPR/BS7722ID/V003)	10/10/2007	Application received
Variation notice FP3931XK determined (EPR/BS7722ID/V003)	30/05/2008	
Environment Agency variation determined (EPR/BS7722ID/V005)	14/05/2013	Agency variation to implement changes introduced by IED
Environment Agency Landfill Sector Review Permit reviewed Variation notice determined EPR/BS7722ID/V006 (Billing ref: EP3538DW)	15/02/2017	Permit varied and consolidated permit issued in the modern format
Application EPR/BS7722ID/V007	Duly made 11/07/2019	Application to vary Permit to include soil treatment facility and associated Activities on site.
Request for information in Schedule 5 Notice	23/08/2019	Response received 23/10/2019
Request for information in Schedule 5 Notice	22/11/2019	Responses received13/12/2019 and 10/01/2020
Request for information by email	20/01/2020	Response received 12/02/2020
Variation determined EPR/BS7722ID/V007 (Billing Ref: WP3934QP)	18/03/2020	Varied permit issued.

End of introductory note

Notice of variation and consolidation

The Environmental Permitting (England and Wales) Regulations 2016

The Environment Agency in exercise of its powers under regulation 20 of the Environmental Permitting (England and Wales) Regulations 2016 varies

Permit number

EPR/BS7722ID

Issued to

3C Waste Limited ("the operator")

whose registered office is

Ground Floor West
900 Pavilion Drive
Northampton Business Park
Northampton
NN4 7RG

company registration number 02632581

to operate a regulated facility at

Maw Green Landfill Site
Maw Green Road
Coppenhall
Crewe
Cheshire
CW1 5NG

to the extent set out in the schedules.

The notice shall take effect from 18/03/2020

Name	Date
Philip Lamb	**18/03/2020**

Authorised on behalf of the Environment Agency

Schedule 1

Only conditions (2.1.2, 2.3.3, 2.7.4, 2.7.10, 2.7.11, 2.7.12, 3.7, 4.1.1 (d) parts (vi), (vii) and (viii) and 4.2.3, 4.3.3 and 4.3.6, Tables S1.1, S1.2, S1.3 , S2.3a, S2.3b, S2.4, S3.2, S3.4 and S3.12) have been varied by the consolidated permit EPR/BS7722ID/V007.

Schedule 2 – consolidated permit

Consolidated permit issued as a separate document.

Permit

The Environmental Permitting (England and Wales) Regulations 2016

Permit number

EPR/BS7722ID

This is the consolidated permit referred to in the variation and consolidation notice for application EPR/BS7722ID/V007 authorising,

3C Waste Limited ("the operator"),

whose registered office is

Ground Floor West
900 Pavilion Drive
Northampton Business Park
Northampton
NN4 7RG

company registration number 02632581

to operate an installation at

Maw Green Landfill Site
Maw Green Road
Coppenhall
Crewe
Cheshire
CW1 5NG

to the extent authorised by and subject to the conditions of this permit.

Name	Date
Philip Lamb	**18/03/2020**

Authorised on behalf of the Environment Agency

Conditions

1 Management

1.1 General management

1.1.1 The operator shall manage and operate the activities:

(a) in accordance with a written management system that identifies and minimises risks of pollution, including those arising from operations, maintenance, accidents, incidents, non-conformances, closure and those drawn to the attention of the operator as a result of complaints; and

(b) using sufficient competent persons and resources.

1.1.2 Records demonstrating compliance with condition 1.1.1 shall be maintained.

1.1.3 Any person having duties that are or may be affected by the matters set out in this permit shall have convenient access to a copy of it kept at or near the place where those duties are carried out.

1.1.4 The operator shall comply with the requirements of an approved competence scheme.

1.2 Finance

1.2.1 The financial provision for meeting the obligations under this permit shall be as set out in the Deed of Performance dated 17 October 2007 between the Waste Recycling Group Limited (now known as FCC Environment (UK) Limited) and the Environment Agency as varied by a Deed of Variation dated 15 October 2010 (as varied by further Deeds of Variation from time to time). The operator shall accordingly ensure that the Permit is and remains throughout its subsistence a Permit to which the Deed relates and the operator shall produce evidence of such provision whenever required by the Environment Agency.

1.2.2 The operator shall ensure that the charges it makes for the disposal of waste in the landfill cover all of the following:

(a) the costs of setting up and operating the landfill;

(b) the costs of the financial provision required by condition 1.2.1; and

(c) the estimated costs for the closure and aftercare of the landfill.

1.3 Energy efficiency

1.3.1 The operator shall:

(a) take appropriate measures to ensure that energy is used efficiently in the activities;

(b) review and record at least every four years whether there are suitable opportunities to improve the energy efficiency of the activities; and

(c) implement any appropriate measures identified by a review.

1.4 Efficient use of raw materials

1.4.1 The operator shall:

(a) take appropriate measures to ensure that raw materials and water are used efficiently in the activities;

(b) maintain records of raw materials and water used in the activities;

(c) review and record at least every four years whether there are suitable alternative materials that could reduce environmental impact or opportunities to improve the efficiency of raw material and water use; and

(d) take any further appropriate measures identified by a review.

1.5 Avoidance, recovery and disposal of wastes produced by the activities

1.5.1 The operator shall:

(a) take appropriate measures to ensure that waste produced by the activities is avoided or reduced, or where waste is produced it is recovered wherever practicable or otherwise disposed of in a manner which minimises its impact on the environment;

(b) review and record at least every four years whether changes to those measures should be made; and

(c) take any further appropriate measures identified by a review.

2 Operations

2.1 Permitted activities

2.1.1 The operator is only authorised to carry out the activities specified in schedule 1 table S1.1 (the "activities").

2.1.2 For the following activities referenced in schedule 1, table S1.1 (AR3 to AR6) and AR15 waste authorised by this permit shall be clearly distinguished from any other waste on the site.

2.2 The site

2.2.1 The activities shall not extend beyond the site, being the land shown edged in blue on the site plan at schedule 7 to this permit.

2.3 Operating techniques

2.3.1 The activities shall, subject to the conditions of this permit, be operated using the techniques and in the manner described in the documentation specified in schedule 1, table S1.2, unless otherwise agreed in writing by the Environment Agency.

2.3.2 If notified by the Environment Agency that the activities are giving rise to pollution, the operator shall submit to the Environment Agency for approval within the period specified, a revision of any plan or other documentation ("plan") specified in schedule 1, table S1.2 or otherwise required under this permit which identifies and minimises the risks of pollution relevant to that plan, and shall implement the approved revised plan in place of the original from the date of approval, unless otherwise agreed in writing by the Environment Agency.

2.3.3 Any raw materials or fuels listed in schedule 2 table S2.4 shall conform to the specifications set out in that table.

2.4 Improvement programme

2.4.1 The operator shall complete the improvements specified in schedule 1 table S1.3 by the date specified in that table unless otherwise agreed in writing by the Environment Agency.

2.4.2 Except in the case of an improvement which consists only of a submission to the Environment Agency, the operator shall notify the Environment Agency within 14 days of completion of each improvement.

2.5 Pre-operational conditions

2.5.1 The operations specified in schedule 1 table S1.4 shall not commence until the measures specified in that table have been completed.

2.6 Landfill Engineering

2.6.1 No construction of any new cell of the landfill shall commence until the operator has submitted construction proposals and the Environment Agency has confirmed that it is satisfied with the construction proposals.

2.6.2 Where the operator proposes to construct any new cell other than the first cell, but proposes no change from the design of the most recently approved cell which could have any impact on the performance of any element of the design, no construction of the new cell shall commence until the operator has submitted a cell layout drawing and the Environment Agency has confirmed that it is satisfied with the cell layout drawing.

2.6.3 The construction of a new cell shall take place only in accordance with the approved construction proposals unless:

(a) any change to the approved construction proposals would have no impact on the performance of any element of the design; or

(b) a change has otherwise been agreed in writing by the Environment Agency.

2.6.4 No disposal of waste shall take place in a new cell until the operator has submitted a CQA Validation Report and the Environment Agency has confirmed that it is satisfied with the CQA Validation Report.

2.6.5 No construction of landfill infrastructure shall commence until the operator has submitted relevant construction proposals or a written request to use previous construction proposals and the Environment Agency has confirmed that it is satisfied with the construction proposals.

2.6.6 The construction of the landfill infrastructure shall take place only in accordance with the approved construction proposals unless:

(a) any change to the approved construction proposals would have no impact on the performance of any element of the design; or

(b) a change has otherwise been agreed in writing by the Environment Agency.

2.6.7 The operator shall submit a CQA Validation Report within four weeks of the completion of the construction of the relevant landfill infrastructure or other time period agreed in writing with the Environment Agency.

2.6.8 Where pollution controls are immediately necessary to prevent an incident or accident, then conditions 2.6.5 and 2.6.6 do not apply and the relevant landfill infrastructure may be constructed, provided that the construction proposals are submitted to the Environment Agency as soon as practicable.

2.6.9 For the purposes of conditions 2.6.1, 2.6.2, 2.6.4 and 2.6.5, the Environment Agency shall be deemed to be satisfied where it has not, within the period of four weeks from the date of receipt of the relevant construction proposals or CQA Validation Report, either:

(a) confirmed whether or not it is satisfied; or

(b) informed the operator that it requires further information.

2.6.10 Where the Environment Agency has required further information under condition 2.6.9(b), the Environment Agency shall be deemed to be satisfied where it has not, within the period of four weeks from the date of receipt of the further information, either:

(a) confirmed whether or not it is satisfied; or

(b) informed the operator that it requires further information.

2.7 Waste acceptance

2.7.1 For the following activities referenced in Schedule 1, Table S1.1 (AR1), wastes shall only be accepted for disposal if:

(a) they are listed in schedule 2, Table S2.1, and

(b) they are non-hazardous waste, and

(c) they are not whole used tyres (other than bicycle tyres and tyres with an outside diameter of more than 1400 mm), and

(d) they are not shredded used tyres, and

(e) they are not liquid waste (including waste waters but excluding sludge), and

(f) they are not chemical substances from research and development or teaching activities, for example laboratory residues, which are unidentified and/or which are new and whose effects on man and/or the environment are unknown, and

(g) all the relevant waste acceptance procedures have been completed, and

(h) they fulfil the relevant waste acceptance criteria, and

(i) they have not been diluted or mixed solely to meet the relevant waste acceptance criteria, and

(j) they are wastes which have been treated, except for: inert wastes for which treatment is not technically feasible; or it is waste other than inert waste and treatment would not reduce its quantity or the hazards which it poses to human health or the environment, and

(k) they are wastes with a code beginning with 07 05 and 16 03, they shall exclude waste medicinal products and pharmaceutically active waste materials arising from their manufacture.

2.7.2 Wastes shall only be accepted for restoration where:

(a) they are listed in schedule 2, table S2.2 and

(b) they are accepted in accordance with a restoration plan approved in writing by the Environment Agency.

2.7.3 The operator shall:

(a) visually inspect without unloading it, waste that is not in an enclosed container or enclosed vehicle on arrival at the landfill and waste at the point of deposit; and

(b) be satisfied that the waste conforms to the requirements of condition 2.7.1.

2.7.4 For the following activities referenced in schedule 1, Table S1.1 (AR3, AR4, AR5 and AR6) waste shall only be accepted if:

(a) it is of a type and quantity listed in schedule 2, Tables S2.3a and S2.3b; and

(b) it conforms to the description in the documentation supplied by the producer and holder.

2.7.5 Where the operator has taken samples to establish that the waste is in conformity with the documentation submitted by the holder then the samples taken shall be retained for at least one month and results of any analysis for at least two years.

2.7.6 The operator on accepting each delivery of waste shall provide a receipt to the person delivering it.

2.7.7 The total quantity of waste that shall be deposited in the landfill shall be limited by the pre-settlement levels shown on drawing reference 1351-01-08 Final Restoration Plan-.

2.7.8 The quantity of waste that is deposited or recovered in the landfill in any year shall not exceed the limits in schedule 1 table S1.5.

2.7.9 The operator shall maintain and implement a system which ensures that a record is made of the quantity, characteristics, date of delivery and, where practicable, origin of any waste that is received for disposal or recovery and of the identity of the producer, or in the case of municipal waste and multiple collection vehicles, of the collector of such waste. Any information regarded by the operator as commercially confidential shall be clearly identified in the record.

2.7.10 Hazardous waste shall not be mixed, either with a different category of hazardous waste or with other waste, substances or materials, unless it is authorised by schedule 1 table S1.1 and appropriate measures are taken.

2.7.11 The operator shall ensure that where waste produced by the activities is sent to a relevant waste operation, that operation is provided with the following information, prior to the receipt of the waste:

(a) the nature of the process producing the waste;

(b) the composition of the waste;

(c) the handling requirements of the waste;

(d) the hazardous property associated with the waste, if applicable; and

(e) the waste code of the waste.

2.7.12 The operator shall ensure that where waste produced by the activities is sent to a landfill site, it meets the waste acceptance criteria for that landfill.

2.8 Leachate levels

2.8.1 The limits for the level of leachate listed in schedule 3 table S3.1 shall not be exceeded.

2.9 Closure and aftercare

2.9.1 The operator shall maintain a closure and aftercare management plan.

2.10 Landfill gas management

2.10.1 The operator shall take appropriate measures, including, but not limited to, those specified in any approved landfill gas management plan, to:

(a) collect landfill gas; and

(b) control the migration of landfill gas.

2.10.2 The operator shall use the collected landfill gas to produce energy. If the collected landfill gas cannot be used to produce energy, the operator shall use appropriate measures to flare or treat the gas in accordance with an approved landfill gas management plan.

2.10.3 The operator shall:

(a) if notified by the Environment Agency, submit to the Environment Agency for approval within the period specified, a revised landfill gas management plan;

(b) implement the revised landfill gas management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.

3 Emissions and monitoring

3.1 Emissions to water, air or land

3.1.1 The limits in Schedule 3 shall not be exceeded.

3.1.2 There shall be no point source emissions to water, air or land except from the sources and emission points listed in schedule 3 tables S3.2, S3.3 and S3.4.

3.1.3 The limits given in Table S3.2 shall not be exceeded, save that compliance with an emission limit in that table shall include incorporation of the uncertainty allowance stated in Environment Agency guidance LFTGN 05 and LFTGN 08.

3.1.4 The operator shall prevent the input of any hazardous substances from the activities into groundwater.

3.1.5 The operator shall submit to the Environment Agency a review of the Hydrogeological Risk Assessment:

(a) between nine and six months prior to the sixth anniversary of the granting of the permit, and

(b) between nine and six months prior to every subsequent six years after the fourth anniversary of the granting of the permit.

3.1.6 For the following activities referenced in schedule 1, table S1.1 (AR2 to AR6) periodic monitoring shall be carried out at least once every 5 years for groundwater and 10 years for soil, unless such monitoring is based on systematic appraisal of the risk of contamination.

3.2 Emissions of substances not controlled by emission limits

3.2.1 Emissions of substances not controlled by emission limits (excluding odour) shall not cause pollution. The operator shall not be taken to have breached this condition if appropriate measures, including, but not limited to, those specified in any approved emissions management plan, have been taken to prevent or where that is not practicable, to minimise, those emissions.

3.2.2 The operator shall:

(a) if notified by the Environment Agency that the activities are giving rise to pollution, submit to the Environment Agency for approval within the period specified, an emissions management plan which identifies and minimises the risks of pollution from emissions of substances not controlled by emission limits;

(b) implement the approved emissions management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.

3.2.3 All liquids in containers, whose emission to water or land could cause pollution, shall be provided with secondary containment, unless the operator has used other appropriate measures to prevent or where that is not practicable, to minimise, leakage and spillage from the primary container.

3.3 Odour

3.3.1 Emissions from the activities shall be free from odour at levels likely to cause pollution outside the site, as perceived by an authorised officer of the Environment Agency, unless the operator has used appropriate measures, including, but not limited to, those specified in any approved odour management plan, to prevent or where that is not practicable to minimise the odour.

3.3.2 The operator shall:

(a) if notified by the Environment Agency that the activities are giving rise to pollution outside the site due to odour, submit to the Environment Agency for approval within the period specified, an odour management plan which identifies and minimises the risks of pollution from odour;

(b) implement the approved odour management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.

3.4 Noise and vibration

3.4.1 Emissions from the activities shall be free from noise and vibration at levels likely to cause pollution outside the site, as perceived by an authorised officer of the Environment Agency, unless the operator has used appropriate measures, including, but not limited to, those specified in any approved noise and vibration management plan to prevent or where that is not practicable to minimise the noise and vibration.

3.4.2 The operator shall:

(a) if notified by the Environment Agency that the activities are giving rise to pollution outside the site due to noise and vibration, submit to the Environment Agency for approval within the period specified, a noise and vibration management plan which identifies and minimises the risks of pollution from noise and vibration;

(b) implement the approved noise and vibration management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.

3.5 Monitoring

3.5.1 The operator shall, unless otherwise agreed in writing by the Environment Agency, undertake the monitoring and any other actions specified in the following tables in schedule 3 to this permit:

(a) Leachate specified in tables S3.1 and S3.11;

(b) Point source emissions specified in tables S3.2, S3.3 and S3.4;

(c) Groundwater specified in tables S3.5 and S3.9;

(d) Landfill gas specified in tables S3.6, S3.8 and S3.10;

(e) Surface water specified in table S3.12;

(f) Particulate matter specified in table S3.7.

3.5.2 The operator shall maintain records of all monitoring required by this permit including records of the taking and analysis of samples, instrument measurements (periodic and continual), calibrations, examinations, tests and surveys and any assessment or evaluation made on the basis of such data.

3.5.3 Monitoring equipment, techniques, personnel and organisations employed for the emissions monitoring programme and the environmental or other monitoring specified in condition 3.5.1 shall have either MCERTS certification or MCERTS accreditation (as appropriate), where available, unless otherwise agreed in writing by the Environment Agency.

3.5.4 A topographical survey of the site referenced to ordnance datum shall be carried out and shall be used to produce a plan of a scale adequate to show the surveyed features of the site:

(a) annually, and

(b) prior to the disposal of waste in any new cell or new development area of the landfill, and

(c) following closure of the landfill or part of the landfill.

3.6 Pests

3.6.1 The activities shall not give rise to the presence of pests which are likely to cause pollution, hazard or annoyance outside the boundary of the site. The operator shall not be taken to have breached this condition if appropriate measures, including, but not limited to, those specified in any approved pests management plan, have been taken to prevent or where that is not practicable, to minimise the presence of pests on the site.

3.6.2 The operator shall:

(a) if notified by the Environment Agency, submit to the Environment Agency for approval within the period specified, a pests management plan which identifies and minimises risks of pollution hazard or annoyance from pests;

(b) implement the pests management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.

3.7 Fire prevention

3.7.1 The operator shall take all appropriate measures to prevent fires on site and minimise the risk of pollution from them including, but not limited to, those specified in any approved fire prevention plan.

3.7.2 The operator shall:

(a) if notified by the Environment Agency that the activities are giving rise to a risk of fire, submit to the Environment Agency for approval within the period specified, a fire prevention plan which prevents fires and minimises the risk of pollution from fires;

(b) implement the fire prevention plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.

4 Information

4.1 Records

4.1.1 All records required to be made by this permit shall:

(a) be legible;

(b) be made as soon as reasonably practicable;

(c) if amended, be amended in such a way that the original and any subsequent amendments remain legible, or are capable of retrieval; and

(d) be retained, unless otherwise agreed in writing by the Environment Agency, for at least 6 years from the date when the records were made, or in the case of the following records until permit surrender:

(i) the results of groundwater monitoring;

(ii) sub-surface landfill gas monitoring;

(iii) leachate levels, quality and quantities;

(iv) landfill gas generation and collection;

(v) waste types and quantities;

(vi) the specification and as built drawings of the basal, sidewall and capping engineering systems.

for the following activities referenced in schedule 1, table S1.1 (AR3, AR4, AR5 and AR6):

(vii) off-site environmental effects; and

(viii) matters which affect the condition of the land and groundwater.

4.1.2 The operator shall keep on site all records, plans and the management system required to be maintained by this permit, unless otherwise agreed in writing by the Environment Agency.

4.2 Reporting

4.2.1 The operator shall send reports and notifications required by the permit to the Environment Agency using the contact details supplied in writing by the Environment Agency.

4.2.2 For the following activities referenced in schedule 1, Table S1.1 (AR1 and AR2), a report or reports on the performance of the activities over the previous year ('the annual report') shall be submitted to the Environment Agency by 31st January each year or such other date as may be agreed in writing by the Agency, with the exception of 4.2.2(c) that must be provided by the end of February each year. The report(s) shall include as a minimum:

(a) a review of the results of the monitoring and assessment carried out in accordance with this permit against the relevant assumptions, parameters and results in the risk assessments submitted in relation to this installation and any agreed amendments thereto. The review will include written descriptions of the improvements made to operational performance during the year, action plans developed and planned improvements for the coming year;

(b) the energy consumed at the site, reported in the format set out in schedule 4 table S4.3;

(c) the annual production/treatment set out in schedule 4 table S4.2;

(d) the topographical surveys required by condition 3.5.3 other than those submitted as part of a CQA validation report;

(e) the volumetric difference (reported in cubic metres) between the most recent topographical survey and the previous annual topographical survey i.e. the additional volume of the landfill void that is occupied by waste;

(f) an assessment of the settlement behaviour of the landfill body based on the difference between the most recent topographical survey and previous annual topographical survey for the areas of the landfill which did not receive waste between the surveys;

(g) a calculation of the remaining capacity (reported in cubic metres) derived from the pre-settlement contours and the most recent topographical survey;

(h) a plan(s) ('the monitoring and extraction point plan – MEPP') showing the locations of existing and any new leachate and landfill gas extraction and all monitoring points.

4.2.3 For the following activities referenced in schedule 1, table S1.1 (AR3 to AR6) a report or reports on the performance of the activities over the previous year shall be submitted to the Environment Agency by 31st January (or other date agreed in writing by the Environment Agency) each year. The report(s) shall include as a minimum:

(a) a review of the results of the monitoring and assessment carried out in accordance with the permit including an interpretive review of that data;

(b) the annual production/treatment data set out in schedule 4 table S4.2; and

(c) the performance parameters set out in schedule 4 table S4.3 using the forms specified in table S4.4 of that schedule.

4.2.4 Within 28 days of the end of the reporting period the operator shall, unless otherwise agreed in writing by the Environment Agency, submit reports of the monitoring and assessment carried out in accordance with the conditions of this permit, as follows:

(a) in respect of the parameters and emission points specified in schedule 4 table S4.1;

(b) using the forms specified in schedule 4 table S4.4 or other reporting format as agreed in writing with the Environment Agency; and

(c) giving the information from such results and assessments as may be required by the forms specified in those tables.

4.2.5 Within one month of the end of each quarter, the operator shall submit to the Environment Agency using the form made available for the purpose, the information specified on the form relating to the site and the waste accepted and removed from it during the previous quarter.

4.2.6 The operator shall, unless notice under this condition has been served within the preceding four years, submit to the Environment Agency, within six months of receipt of a written notice, a report

assessing whether there are other appropriate measures that could be taken to prevent, or where that is not practicable, to minimise pollution.

4.3 Notifications

4.3.1 (a) In the event that the operation of the activities gives rise to an incident or accident which significantly affects or may significantly affect the environment, the operator must immediately—

(i) inform the Environment Agency,

(ii) take the measures necessary to limit the environmental consequences of such an incident or accident, and

(iii) take the measures necessary to prevent further possible incidents or accidents;

(b) in the event of a breach of any permit condition the operator must immediately—

(i) inform the Environment Agency, and

(ii) take the measures necessary to ensure that compliance is restored within the shortest possible time;

(c) in the event of a breach of permit condition which poses an immediate danger to human health or threatens to cause an immediate significant adverse effect on the environment, the operator must immediately suspend the operation of the activities or the relevant part of it until compliance with the permit conditions has been restored.

4.3.2 Any information provided under condition 4.3.1 (a)(i), or 4.3.1 (b)(i) where the information relates to the breach of a limit specified in the permit, shall be confirmed by sending the information listed in schedule 5 to this permit within the time period specified in that schedule.

4.3.3 For the following activities referenced in schedule 1, table S1.1 (AR3, AR4, AR5 and AR8) where the Environment Agency has requested in writing that it shall be notified when the operator is to undertake monitoring and/or spot sampling, the operator shall inform the Environment Agency when the relevant monitoring and/or spot sampling is to take place. The operator shall provide this information to the Environment Agency at least 14 days before the date the monitoring is to be undertaken.

4.3.4 The Environment Agency shall be notified within 14 days of the occurrence of the following matters, except where such disclosure is prohibited by Stock Exchange rules:

Where the operator is a registered company:

(a) any change in the operator's trading name, registered name or registered office address; and

(b) any steps taken with a view to the operator going into administration, entering into a company voluntary arrangement or being wound up.

Where the operator is a corporate body other than a registered company:

(a) any change in the operator's name or address; and

(b) any steps taken with a view to the dissolution of the operator.

In any other case:

(a) the death of any of the named operators (where the operator consists of more than one named individual);

(b) any change in the operator's name(s) or address(es); and

(c) any steps taken with a view to the operator, or any one of them, going into bankruptcy, entering into a composition or arrangement with creditors, or, in the case of them being in a partnership, dissolving the partnership.

4.3.5 Where the operator proposes to make a change in the nature or functioning, or an extension of the activities, which may have consequences for the environment and the change is not otherwise the subject of an application for approval under the Regulations or this permit:

(a) the Environment Agency shall be notified at least 14 days before making the change; and

(b) the notification shall contain a description of the proposed change in operation.

4.3.6 The Environment Agency shall be given at least 14 days notice before implementation of any part of the site closure plan.

4.4 Interpretation

4.4.1 In this permit the expressions listed in schedule 6 shall have the meaning given in that schedule.

4.4.2 In this permit references to reports and notifications mean written reports and notifications, except where reference is made to notification being made “immediately”, in which case it may be provided by telephone.

Schedule 1 – Operations

Table S1.1 activities				
Activity reference	**WFD Annex I and II operations (where applicable)**	**Activity listed in Schedule 1 of the EP Regulations**	**Description of specified activity**	**Limits of specified activity**
AR1	D5 –Specially engineered landfill; R5 - the recycling or reclamation of inorganic material and R10 – Land treatment resulting in benefit to agriculture or ecology	Section 5.2 Part A(1) (a), The disposal of waste in a landfill.	Landfill for non-hazardous waste and landfill restoration	Receipt, handling, storage and disposal of wastes, consisting of the types and quantities specified in conditions 2.7, as an integral part of landfilling.
AR2	D8 – Biological treatment of waste	Section 5.4, Part A(1)(a)(i), Biological treatment of non-hazardous waste	Treatment of leachate in a facility with a capacity of >50 tonnes/day	Leachate arising from the landfill.
AR3	D8 – Biological treatment of waste and R5 - the recycling or reclamation of inorganic material	Section 5.3 Part A(1)(a)(ii) Disposal or recovery of hazardous waste with a capacity exceeding 10 tonnes per day	Bioremediation process for hazardous waste	A maximum treatment capacity of 38,000 tonnes at any one time.
AR4	D8 – Biological treatment of waste and R5 - the recycling or reclamation of inorganic material	Section 5.4 Part A(1)(b)(i), Biological treatment of non-hazardous waste	Recovery or a mix of recovery and disposal of non-hazardous waste with a capacity exceeding 75 tonnes per day involving biological treatment	A maximum treatment capacity of 38,000 tonnes at any one time.

Table S1.1 activities				
Activity reference	**WFD Annex I and II operations (where applicable)**	**Activity listed in Schedule 1 of the EP Regulations**	**Description of specified activity**	**Limits of specified activity**
AR5	D8 – Biological treatment of waste and R5 - the recycling or reclamation of inorganic material	Section 5.3 Part A(1)(a)(ii) Disposal or recovery of hazardous waste with a capacity exceeding 10 tonnes per day	Screening to remove oversize material	A maximum treatment capacity of 38,000 tonnes at any one time
AR6	D8 – Biological treatment of waste and R5 - the recycling or reclamation of inorganic material	Section 5.6 Part A(1)(a) Temporary storage of hazardous waste with a total capacity exceeding 50 tonnes	Temporary storage of hazardous waste	A maximum of 2000 tonnes at any one time on site and an annual limit of 30,000 tonnes for wastes due to undergo treatment as per Activities A3, A4 or A5.
Directly Associated Activities				
AR7	R1 – use principally as a fuel to generate energy		Pre-treatment and utilisation of landfill gas for energy recovery in an appliance with a rated thermal input < 50MW	Treatment and utilisation of landfill gas arising from the landfill.
AR8	N/A		Temporary storage of waste (leachate)	Leachate arising from the landfill.
AR9	N/A		Flaring of landfill gas for disposal in an appliance.	Landfill gas arising from the landfill.
AR10	D6 – release to water body except seas/ oceans		Discharges of site drainage from the landfill.	From surface water management system to point of entry to controlled waters.
AR11	N/A		Fuel Storage	Storage of diesel for use in mobile plant at Soil Treatment Facility.
AR12	N/A		Water Storage	Collection and storage of process water.
AR13	N/A		Pipework between the leachate treatment plant and public sewerage system	From the point of discharge from the leachate treatment plant to the point where the pipework leaves the land under the control of the operator.

Table S1.1 activities				
Activity reference	**WFD Annex I and II operations (where applicable)**	**Activity listed in Schedule 1 of the EP Regulations**	**Description of specified activity**	**Limits of specified activity**
AR14	R13 – Storage of wastes pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced)		Storage of waste	Temporary storage of non-hazardous waste prior to treatment on site.
AR15	R5 - the recycling or reclamation of inorganic material	Section 5.4 Part A (1)(a)(ii) Physico-chemical treatment of non-hazardous waste with a capacity exceeding 50 tonnes per day	Screening of non-hazardous waste to remove oversized material for recovery	Non-hazardous waste prior to treatment on site by Activity AR4.

Table S1.2 Operating techniques		
Description	**Parts**	**Date Received**
Application	The response to questions 1.2, 2.1, 2.2, 2.3, 2.4 and 2.5 in part B of the Application Form, excluding the following sections: 2.2.4 to 2.2.6, 2.3.32, 2.3.33, 2.3.34, 2.3.35, 2.3.39, 2.3.43, 2.3.50 to 2.3.54, 2.3.68, 2.3.69, 2.3.71, 2.3.72 and 2.3.78	09/10/2003
SLR letter and supporting documents regarding requests for information dated 17/06/2004.	All Parts	19/07/2004
SLR letter and supporting documents regarding requests for information dated 06/07/2004.	All Parts	20/07/2004
SLR letter and supporting documents regarding requests for information dated 25/08/2004.	All Parts	11/10/2004
SLR e-mail and supporting documents regarding revised waste list.	All Parts	14/01/2005

Table S1.2 Operating techniques		
Description	**Parts**	**Date Received**
SLR e-mail and supporting documents All parts 14/01/2005 and27/01/2005 regarding requests for information dated 30/12/2004.	All Parts	28/02/2006
Correspondence dated 27/02/2006 re: 27/02/2006 re: Improvement condition 1.4.1.1	All Parts	28/02/2006
Correspondence dated 03/04/2006 re: Improvement condition 1.4.1.2	All Parts	03/04/2006
Correspondence dated 01/03/2006 re: Improvement condition 1.4.1.3	All Parts	06/03/2006
Correspondence dated 15/02/2006, (ref: 404-0197-00178) re: Improvement condition 1.4.1.5	All Parts	16/02/2006
Correspondence dated 02/2006 (ref 404-0197-00178), CQA plan for downstream monitoring wells)	All Parts	02/2006
Correspondence dated 06/04/2006 (ref:402.0197.00423) re: Improvement condition 1.4.1.7	All Parts	12/04/2006
Correspondence dated 13/04/2006 (ref: 404.0197.00178) Re: improvement condition 1.4.1.9	All Parts	18/04/2006
Correspondence dated 15/03/2005 (ref: 4D-197-178) re improvement condition 1.4.1.12	All Parts	21/05/2005
Correspondence 'Maw Green Leachate Extraction Review' re improvement condition 1.4.1.13	All parts	06/2006
Revised monitoring location plan (drawing no. ESID 14, dated August 2007)	All parts	22/01/2008

Table S1.2 Operating techniques		
Description	**Parts**	**Date Received**
Monitoring reduction letter Ref ALM/MG/EAL53	All Parts	22/01/2014
FCC letter ref MG/LC2.2AR/ 20140829	All Parts	29/08/2014
FCC Document E mail from FCC 29 Jan 2016Attached updated tables for Doc ref: ALM/MG/EAL53	All Parts	29/01/2015
Landfill Restoration Plan (referenced report 10228-R07 and dated May 2017)	All Parts	15/05/2017
Application	Application Forms (All Parts) ESID Amendment Site Condition Report (referenced 3695-CAU-XX-XX-RP-V-0305.A0-C2 and dated March 2019) Soil Treatment Facility Amenity and Accident Plan (referenced 3695-CAU-XX-XX-RP-V-0302.A0-C2 and dated March 2019)	01/04/2019
Response to Schedule 5 Notice (1) dated 23/08/2019	Soil Treatment Facility Dust Management Plan (reference 3695-CAU-XX-XX-RP-V-0307-A0-C1 and dated October 2019) Soil Treatment Facility Operating Techniques (reference 3695-CAU-XX-XX-RP-V-0303 and dated October 2019) Response includes clarification on area drainage, clarification on waste codes and biofilter/air quality monitoring details.	02/10/2019
Response to Schedule 5 Notice (2) follow up request dated 22/11/2019 and 02/01/2020	STC Soil Characterisation Procedure (referenced WI-003) and dated 26/11/2019) Response includes further detail on waste code acceptance, biolfilter and air quality monitoring.	13/12/2019

Table S1.2 Operating techniques		
Description	**Parts**	**Date Received**
	Soil Treatment Facility Odour Management Plan (reference 3695-CAU-XX-XX-RP-V-0308-A0-C3 OMP Combined and dated December 2019)	10/01/2020
Response to request for more information dated 20/01/2020	Drawings Leachate Pipeline Route (ref. 3695-CAU-XX-XX-DR-V-1802 P1) and Proposed Layout Plan (ref. 3695-CAU-XX-XX-DR-V-1801 P3) detailing sewer connections to site and proposed monitoring locations respectively.	12/02/2020

Table S1.3 Improvement programme requirements		
Reference	**Requirement**	**Date**
1	The operator shall submit a drawing showing the pre-settlement levels at the site (2.7.6).	Completed
2	The operator shall submit to the Environment Agency in writing for approval a restoration plan for the site which includes waste quantities, waste types, and waste acceptance criteria for wastes for restoration (2.7.2).	Completed
3	The operator shall provide Methane and Carbon Dioxide trigger levels for boreholes BH36, BH37, BH38.1, BH39.1, BH40.1, BH41-BH44 as detailed on drawing ESID14, dated August 2007. The trigger levels shall be derived in accordance with the methodology set out in the Agency's guidance on the Management of Landfill Gas (LFTGN03) unless otherwise agreed in writing by the Environment Agency.	Completed
4	The operator shall submit to the Environment Agency in writing for approval, a report detailing monthly chemical analysis monitoring results of collected waters from the Soil Treatment Facility (STF) at the point of discharge from the STF. The report should contain details of comparison of results from the chemical analysis to existing discharge consent limits and the Environment Agency's H1 Guidance.	Within four months of the commissioning of the Soil Treatment Facility

Table S1.4 Pre-operational measures for future development		
Reference	**Operation**	**Pre-operational Measures**
1	Deposit of wastes in any area of the Permitted installation where waste deposit commences after the issue of the permit	As part of any construction proposals required by condition 2.5.1 the operator shall include a design for leachate collection infrastructure, which includes details of the leachate collection layer, drainage pipework, collection systems and drilling targets.
2	Deposit of waste over previously completed areas of phase 1	A leachate drainage layer shall be incorporated into the design of the internal slope between phase 1 and future phases. The design specification of this layer shall be approved in accordance with condition 2.5.1.
3	Engineering of any new cell	As part of any construction proposals required by condition 2.5.1, the operator shall submit a report investigating the existence of sand horizons beneath the cell base. The report shall detail the thickness of any encountered sand horizon, the presence of groundwater including the piezometric head and shall also include an assessment into the possibility of basal heave and any necessary preventative action required for the cell, together with any required amendments to CQA procedures for engineering at the site. If in the preparation of the report, extra intrusive site investigation is undertaken, the report shall contain all relevant borehole logs and descriptions.

Table S1.5 Annual waste input limits	
Category	**Limit Tonnes/ Year**
Non-hazardous waste	450,000
Inert waste	450,000
Waste for restoration	75,000

Schedule 2 – List of permitted wastes

Table S2.1 Permitted waste types for disposal at a landfill for non-hazardous waste	
Waste code	**Description**
01	**Wastes resulting from exploration, mining, quarrying, and physical and chemical treatment of minerals**
01 01	**wastes from mineral excavation**
01 01 01	wastes from mineral metalliferous excavation
01 01 02	wastes from mineral non-metalliferous excavation
01 03	**wastes from physical and chemical processing of metalliferous minerals**
01 03 06	tailings other than those mentioned in 01 03 04 and 01 03 05
01 03 08	dusty and powdery wastes other than those mentioned in 01 03 07
01 03 09	red mud from alumina production other than the wastes mentioned in 01 03 10
01 04	**wastes from physical and chemical processing of non-metalliferous minerals**
01 04 08	waste gravel and crushed rocks other than those mentioned in 01 04 07
01 04 09	waste sand and clays
01 04 10	dusty and powdery wastes other than those mentioned in 01 04 07
01 04 11	wastes from potash and rock salt processing other than those mentioned in 01 04 07
01 04 12	tailings and other wastes from washing and cleaning of minerals other than those mentioned in 01 04 07 and 01 04 11
01 04 13	wastes from stone cutting and sawing other than those mentioned in 01 04 07
01 05	**drilling muds and other drilling wastes**
01 05 04	freshwater drilling muds and wastes
01 05 07	barite-containing drilling muds and wastes other than those mentioned in 01 05 05 and 01 05 06
01 05 08	chloride-containing drilling muds and wastes other than those mentioned in 01 05 05 and 01 05 06
02	**Wastes from agriculture, horticulture, aquaculture, forestry, hunting and fishing, food preparation and processing**
02 01	**wastes from agriculture, horticulture, aquaculture, forestry, hunting and fishing**
02 01 01	sludges from washing and cleaning
02 01 02	animal-tissue waste
02 01 03	plant-tissue waste
02 01 04	waste plastics (except packaging)
02 01 06	animal faeces, urine and manure (including spoiled straw), effluent, collected separately and treated off-site
02 01 07	wastes from forestry
02 01 09	agrochemical waste other than those mentioned in 02 01 08
02 01 10	waste metal
02 02	**wastes from the preparation and processing of meat, fish and other foods of animal origin**

Table S2.1 Permitted waste types for disposal at a landfill for non-hazardous waste	
Waste code	**Description**
02 02 01	sludges from washing and cleaning
02 02 02	animal-tissue waste
02 02 03	materials unsuitable for consumption or processing
02 02 04	sludges from on-site effluent treatment
02 03	**wastes from fruit, vegetables, cereals, edible oils, cocoa, coffee, tea and tobacco preparation and processing; conserve production; yeast and yeast extract production, molasses preparation and fermentation**
02 03 01	sludges from washing, cleaning, peeling, centrifuging and separation
02 03 02	wastes from preserving agents
02 03 03	wastes from solvent extraction
02 03 04	materials unsuitable for consumption or processing
02 03 05	sludges from on-site effluent treatment
02 04	**wastes from sugar processing**
02 04 01	soil from cleaning and washing beet
02 04 02	off-specification calcium carbonate
02 04 03	sludges from on-site effluent treatment
02 05	**wastes from the dairy products industry**
02 05 01	materials unsuitable for consumption or processing
02 05 02	sludges from on-site effluent treatment
02 06	**wastes from the baking and confectionery industry**
02 06 01	materials unsuitable for consumption or processing
02 06 02	wastes from preserving agents
02 06 03	sludges from on-site effluent treatment
02 07	**wastes from the production of alcoholic and non-alcoholic beverages (except coffee, tea and cocoa)**
02 07 01	wastes from washing, cleaning and mechanical reduction of raw materials
02 07 02	wastes from spirits distillation
02 07 03	wastes from chemical treatment
02 07 04	materials unsuitable for consumption or processing
02 07 05	sludges from on-site effluent treatment
03	**Wastes from wood processing and the production of panels and furniture, pulp, paper and cardboard**
03 01	**wastes from wood processing and the production of panels and furniture**
03 01 01	waste bark and cork
03 01 05	sawdust, shavings, cuttings, wood, particle board and veneer other than those mentioned in 03 01 04
03 03	**wastes from pulp, paper and cardboard production and processing**
03 03 01	waste bark and wood
03 03 02	green liquor sludge (from recovery of cooking liquor)
03 03 05	de-inking sludges from paper recycling

Table S2.1 Permitted waste types for disposal at a landfill for non-hazardous waste	
Waste code	**Description**
03 03 07	mechanically separated rejects from pulping of waste paper and cardboard
03 03 08	wastes from sorting of paper and cardboard destined for recycling
03 03 09	lime mud waste
03 03 10	fibre rejects, fibre-, filler- and coating-sludges from mechanical separation
03 03 11	sludges from on-site effluent treatment other than those mentioned in 03 03 10
04	**Wastes from the leather, fur and textile industries**
04 01	**wastes from the leather and fur industry**
04 01 01	fleshings and lime split wastes
04 01 02	liming waste
04 01 06	sludges, in particular from on-site effluent treatment containing chromium
04 01 07	sludges, in particular from on-site effluent treatment free of chromium
04 01 08	waste tanned leather (blue sheetings, shavings, cuttings, buffing dust) containing chromium
04 01 09	wastes from dressing and finishing
04 02	**wastes from the textile industry**
04 02 09	wastes from composite materials (impregnated textile, elastomer, plastomer)
04 02 10	organic matter from natural products (for example grease, wax)
04 02 15	wastes from finishing other than those mentioned in 04 02 14
04 02 17	dyestuffs and pigments other than those mentioned in 04 02 16
04 02 20	sludges from on-site effluent treatment other than those mentioned in 04 02 19
04 02 21	wastes from unprocessed textile fibres
04 02 22	wastes from processed textile fibres
05	**Wastes from petroleum refining, natural gas purification and pyrolytic treatment of coal**
05 01	**wastes from petroleum refining**
05 01 10	sludges from on-site effluent treatment other than those mentioned in 05 01 09
05 01 13	boiler feedwater sludges
05 01 14	wastes from cooling columns
05 01 16	sulphur-containing wastes from petroleum desulphurisation
05 01 17	bitumen
05 06	**wastes from the pyrolytic treatment of coal**
05 06 04	waste from cooling columns
05 07	**wastes from natural gas purification and transportation**
05 07 02	wastes containing sulphur
06	**Wastes from inorganic chemical processes**
06 03	**wastes from the MFSU of salts and their solutions and metallic oxides**
06 03 14	solid salts and solutions other than those mentioned in 06 03 11 and 06 03 13
06 03 16	metallic oxides other than those mentioned in 06 03 15
06 05	**sludges from on-site effluent treatment**

Table S2.1 Permitted waste types for disposal at a landfill for non-hazardous waste	
Waste code	**Description**
06 05 03	sludges from on-site effluent treatment other than those mentioned in 06 05 02
06 06	**wastes from the MFSU of sulphur chemicals, sulphur chemical processes and desulphurisation processes**
06 06 03	wastes containing sulphides other than those mentioned in 06 06 02
06 09	**wastes from the MSFU of phosphorous chemicals and phosphorous chemical processes**
06 09 02	phosphorous slag
06 09 04	calcium-based reaction wastes other than those mentioned in 06 09 03
06 11	**wastes from the manufacture of inorganic pigments and opacificiers**
06 11 01	calcium-based reaction wastes from titanium dioxide production
06 13	**wastes from inorganic chemical processes not otherwise specified**
06 13 03	carbon black
07	**Wastes from organic chemical processes**
07 01	**wastes from the manufacture, formulation, supply and use (MFSU) of basic organic chemicals**
07 01 12	sludges from on-site effluent treatment other than those mentioned in 07 01 11
07 02	**wastes from the MFSU of plastics, synthetic rubber and man-made fibres**
07 02 12	sludges from on-site effluent treatment other than those mentioned in 07 02 11
07 02 13	waste plastic
07 02 15	wastes from additives other than those mentioned in 07 02 14
07 02 17	waste containing silicones other than those mentioned in 07 02 16
07 03	**wastes from the MFSU of organic dyes and pigments (except 06 11)**
07 03 12	sludges from on-site effluent treatment other than those mentioned in 07 03 11
07 04	**wastes from the MFSU of organic plant protection products (except 02 01 08 and 02 01 09), wood preserving agents (except 03 02) and other biocides**
07 04 12	sludges from on-site effluent treatment other than those mentioned in 07 04 11
07 05	**wastes from the MFSU of pharmaceuticals**
07 05 12	sludges from on-site effluent treatment other than those mentioned in 07 05 11
07 05 14	solid wastes other than those mentioned in 07 05 13
07 06	**wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics**
07 06 12	sludges from on-site effluent treatment other than those mentioned in 07 06 11
07 07	**wastes from the MFSU of fine chemicals and chemical products not otherwise specified**
07 07 12	sludges from on-site effluent treatment other than those mentioned in 07 07 11
08	**Wastes from the manufacture, formulation, supply and use (MFSU) of coatings (paints, varnishes and vitreous enamels), adhesives, sealants and printing inks**
08 01	**wastes from MFSU and removal of paint and varnish**
08 01 12	waste paint and varnish other than those mentioned in 08 01 11
08 01 14	sludges from paint or varnish other than those mentioned in 08 01 13

Table S2.1 Permitted waste types for disposal at a landfill for non-hazardous waste	
Waste code	**Description**
08 01 16	aqueous sludges containing paint or varnish other than those mentioned in 08 01 15
08 01 18	wastes from paint or varnish removal other than those mentioned in 08 01 17
08 02	**wastes from MFSU of other coatings (including ceramic materials)**
08 02 01	waste coating powders
08 02 02	aqueous sludges containing ceramic materials
08 03	**wastes from MFSU of printing inks**
08 03 07	aqueous sludges containing ink
08 03 13	waste ink other than those mentioned in 08 03 12
08 03 15	ink sludges other than those mentioned in 08 03 14
08 03 18	waste printing toner other than those mentioned in 08 03 17
08 04	**wastes from MFSU of adhesives and sealants (including water proofing products)**
08 04 10	waste adhesives and sealants other than those mentioned in 08 04 09
08 04 12	adhesive and sealant sludges other than those mentioned in 08 04 11
08 04 14	aqueous sludges containing adhesives or sealants other than those mentioned in 08 04 13
09	**Wastes from the photographic industry**
09 01	**wastes from the photographic industry**
09 01 07	photographic film and paper containing silver or silver compounds
09 01 08	photographic film and paper free of silver or silver compounds
09 01 10	single-use cameras without batteries
09 01 12	single-use cameras containing batteries other than those mentioned in 09 01 11
10	**Wastes from thermal processes**
10 01	**wastes from power stations and other combustion plants (except 19)**
10 01 01	bottom ash, slag and boiler dust (excluding boiler dust mentioned in 10 01 04)
10 01 02	coal fly ash
10 01 03	fly ash from peat and untreated wood
10 01 05	calcium-based reaction wastes from flue-gas desulphurisation in solid form
10 01 07	calcium-based reaction wastes from flue-gas desulphurisation in sludge form
10 01 15	bottom ash, slag and boiler dust from co-incineration other than those mentioned in 10 01 14
10 01 17	fly ash from co-incineration other than those mentioned in 10 01 16
10 01 19	wastes from gas cleaning other than those mentioned in 10 01 05, 10 01 07 and 10 01 18
10 01 21	sludges from on-site effluent treatment other than those mentioned in 10 01 20
10 01 23	aqueous sludges from boiler cleansing other than those mentioned in 10 01 22
10 01 24	sands from fluidised beds
10 01 25	wastes from fuel storage and preparation of coal-fired power plants
10 01 26	wastes from cooling-water treatment

Table S2.1 Permitted waste types for disposal at a landfill for non-hazardous waste	
Waste code	**Description**
10 02	**wastes from the iron and steel industry**
10 02 01	wastes from the processing of slag
10 02 02	unprocessed slag
10 02 08	solid wastes from gas treatment other than those mentioned in 10 02 07
10 02 10	mill scales
10 02 12	wastes from cooling-water treatment other than those mentioned in 10 02 11
10 02 14	sludges and filter cakes from gas treatment other than those mentioned in 10 02 13
10 02 15	other sludges and filter cakes
10 03	**wastes from aluminium thermal metallurgy**
10 03 02	anode scraps
10 03 05	waste alumina
10 03 16	skimmings other than those mentioned in 10 03 15
10 03 18	carbon-containing wastes from anode manufacture other than those mentioned in 10 03 17
10 03 20	flue-gas dust other than those mentioned in 10 03 19
10 03 22	other particulates and dust (including ball-mill dust) other than those mentioned in 10 03 21
10 03 24	solid wastes from gas treatment other than those mentioned in 10 03 23
10 03 26	sludges and filter cakes from gas treatment other than those mentioned in 10 03 25
10 03 28	wastes from cooling-water treatment other than those mentioned in 10 03 27
10 03 30	wastes from treatment of salt slags and black drosses other than those mentioned in 10 03 29
10 04	**wastes from lead thermal metallurgy**
10 04 10	wastes from cooling-water treatment other than those mentioned in 10 04 09
10 05	**wastes from zinc thermal metallurgy**
10 05 01	slags from primary and secondary production
10 05 04	other particulates and dust
10 05 09	wastes from cooling-water treatment other than those mentioned in 10 05 08
10 05 11	dross and skimmings other than those mentioned in 10 05 10
10 06	**wastes from copper thermal metallurgy**
10 06 01	slags from primary and secondary production
10 06 02	dross and skimmings from primary and secondary production
10 06 04	other particulates and dust
10 06 10	wastes from cooling-water treatment other than those mentioned in 10 06 09
10 07	**wastes from silver, gold and platinum thermal metallurgy**
10 07 01	slags from primary and secondary production
10 07 02	dross and skimmings from primary and secondary production
10 07 03	solid wastes from gas treatment
10 07 04	other particulates and dust

Table S2.1 Permitted waste types for disposal at a landfill for non-hazardous waste	
Waste code	**Description**
10 07 05	sludges and filter cakes from gas treatment
10 07 08	wastes from cooling-water treatment other than those mentioned in 10 07 07
10 08	**wastes from other non-ferrous thermal metallurgy**
10 08 04	particulates and dust
10 08 09	other slags
10 08 11	dross and skimmings other than those mentioned in 10 08 10
10 08 13	carbon-containing wastes from anode manufacture other than those mentioned in 10 08 12
10 08 14	anode scrap
10 08 16	flue-gas dust other than those mentioned in 10 08 15
10 08 18	sludges and filter cakes from flue-gas treatment other than those mentioned in 10 08 17
10 08 20	wastes from cooling-water treatment other than those mentioned in 10 08 19
10 09	**wastes from casting of ferrous pieces**
10 09 03	furnace slag
10 09 06	casting cores and moulds which have not undergone pouring other than those mentioned in 10 09 05
10 09 08	casting cores and moulds which have undergone pouring other than those mentioned in 10 09 07
10 09 10	flue-gas dust other than those mentioned in 10 09 09
10 09 12	other particulates other than those mentioned in 10 09 11
10 09 14	waste binders other than those mentioned in 10 09 13
10 09 16	waste crack-indicating agent other than those mentioned in 10 09 15
10 10	**wastes from casting of non-ferrous pieces**
10 10 03	furnace slag
10 10 06	casting cores and moulds which have not undergone pouring, other than those mentioned in 10 10 05
10 10 08	casting cores and moulds which have undergone pouring, other than those mentioned in 10 10 07
10 10 10	flue-gas dust other than those mentioned in 10 10 09
10 10 12	other particulates other than those mentioned in 10 10 11
10 10 14	waste binders other than those mentioned in 10 10 13
10 10 16	waste crack-indicating agent other than those mentioned in 10 10 15
10 11	**wastes from manufacture of glass and glass products**
10 11 03	waste glass-based fibrous materials
10 11 05	particulates and dust
10 11 10	waste preparation mixture before thermal processing, other than those mentioned in 10 11 09
10 11 12	waste glass other than those mentioned in 10 11 11
10 11 14	glass-polishing and -grinding sludge other than those mentioned in 10 11 13

Table S2.1 Permitted waste types for disposal at a landfill for non-hazardous waste	
Waste code	**Description**
10 11 16	solid wastes from flue-gas treatment other than those mentioned in 10 11 15
10 11 18	sludges and filter cakes from flue-gas treatment other than those mentioned in 10 11 17
10 11 20	solid wastes from on-site effluent treatment other than those mentioned in 10 11 19
10 12	**wastes from manufacture of ceramic goods, bricks, tiles and construction products**
10 12 01	waste preparation mixture before thermal processing
10 12 03	particulates and dust
10 12 05	sludges and filter cakes from gas treatment
10 12 06	discarded moulds
10 12 08	waste ceramics, bricks, tiles and construction products (after thermal processing)
10 12 10	solid wastes from gas treatment other than those mentioned in 10 12 09
10 12 12	wastes from glazing other than those mentioned in 10 12 11
10 12 13	sludge from on-site effluent treatment
10 13	**wastes from manufacture of cement, lime and plaster and articles and products made from them**
10 13 01	waste preparation mixture before thermal processing
10 13 04	wastes from calcination and hydration of lime
10 13 06	particulates and dust (except 10 13 12 and 10 13 13)
10 13 07	sludges and filter cakes from gas treatment
10 13 10	wastes from asbestos-cement manufacture other than those mentioned in 10 13 09
10 13 11	wastes from cement-based composite materials other than those mentioned in 10 13 09 and 10 13 10
10 13 13	solid wastes from gas treatment other than those mentioned in 10 13 12
10 13 14	waste concrete and concrete sludge
11	**Wastes from chemical surface treatment and coating of metals and other materials; non-ferrous hydro-metallurgy**
11 01	**wastes from chemical surface treatment and coating of metals and other materials (for example galvanic processes, zinc coating processes, pickling processes, etching, phosphating, alkaline degreasing, anodising)**
11 01 10	sludges and filter cakes other than those mentioned in 11 01 09
11 01 14	degreasing wastes other than those mentioned in 11 01 13
11 02	**wastes from non-ferrous hydrometallurgical processes**
11 02 03	wastes from the production of anodes for aqueous electrolytical processes
11 02 06	wastes from copper hydrometallurgical processes other than those mentioned in 11 02 05
11 05	**wastes from hot galvanising processes**
11 05 01	hard zinc
11 05 02	zinc ash
12	**Wastes from shaping and physical and mechanical surface treatment of metals and plastics**

Table S2.1 Permitted waste types for disposal at a landfill for non-hazardous waste	
Waste code	**Description**
12 01	**wastes from shaping and physical and mechanical surface treatment of metals and plastics**
12 01 01	ferrous metal filings and turnings
12 01 02	ferrous metal dust and particles
12 01 03	non-ferrous metal filings and turnings
12 01 04	non-ferrous metal dust and particles
12 01 05	plastics shavings and turnings
12 01 13	welding wastes
12 01 15	machining sludges other than those mentioned in 12 01 14
12 01 17	waste blasting material other than those mentioned in 12 01 16
12 01 21	spent grinding bodies and grinding materials other than those mentioned in 12 01 20
15	**Waste packaging, absorbents, wiping cloths, filter materials and protective clothing not otherwise specified**
15 01	**packaging (including separately collected municipal packaging waste)**
15 01 01	paper and cardboard packaging
15 01 02	plastic packaging
15 01 03	wooden packaging
15 01 04	metallic packaging
15 01 05	composite packaging
15 01 06	mixed packaging
15 01 07	glass packaging
15 01 09	textile packaging
15 02	**absorbents, filter materials, wiping cloths and protective clothing**
15 02 03	absorbents, filter materials, wiping cloths and protective clothing other than those mentioned in 15 02 02
16	**Wastes not otherwise specified in the list**
16 01	**end-of-life vehicles from different means of transport (including off-road machinery) and wastes from dismantling of end-of-life vehicles and vehicle maintenance (except 13, 14, 16 06 and 16 08)**
16 01 03	end-of-life tyres
16 01 12	brake pads other than those mentioned in 16 01 11
16 01 17	ferrous metal
16 01 18	non-ferrous metal
16 01 19	plastic
16 01 20	glass
16 02	**wastes from electrical and electronic equipment**
16 02 14	discarded equipment other than those mentioned in 16 02 09 to 16 02 13
16 02 16	components removed from discarded equipment other than those mentioned in 16 02 15

Table S2.1 Permitted waste types for disposal at a landfill for non-hazardous waste	
Waste code	**Description**
16 03	**off-specification batches and unused products**
16 03 04	inorganic wastes other than those mentioned in 16 03 03
16 03 06	organic wastes other than those mentioned in 16 03 05
16 08	**spent catalysts**
16 08 01	spent catalysts containing gold, silver, rhenium, rhodium, palladium, iridium or platinum (except 16 08 07)
16 08 03	spent catalysts containing transition metals or transition metal compounds not otherwise specified
16 11	**waste linings and refractories**
16 11 02	carbon-based linings and refractories from metallurgical processes others than those mentioned in 16 11 01
16 11 04	other linings and refractories from metallurgical processes other than those mentioned in 16 11 03
16 11 06	linings and refractories from non-metallurgical processes others than those mentioned in 16 11 05
17	**Construction and demolition wastes (including excavated soil from contaminated sites)**
17 01	**concrete, bricks, tiles and ceramics**
17 01 01	concrete
17 01 02	bricks
17 01 03	tiles and ceramics
17 01 07	mixtures of concrete, bricks, tiles and ceramics other than those mentioned in 17 01 06
17 02	**wood, glass and plastic**
17 02 01	wood
17 02 02	glass
17 02 03	plastic
17 03	**bituminous mixtures, coal tar and tarred products**
17 03 02	bituminous mixtures other than those mentioned in 17 03 01
17 04	**metals (including their alloys)**
17 04 01	copper, bronze, brass
17 04 02	aluminium
17 04 03	lead
17 04 04	zinc
17 04 05	iron and steel
17 04 06	tin
17 04 07	mixed metals
17 04 11	cables other than those mentioned in 17 04 10
17 05	**soil (including excavated soil from contaminated sites), stones and dredging spoil**
17 05 04	soil and stones other than those mentioned in 17 05 03

Table S2.1 Permitted waste types for disposal at a landfill for non-hazardous waste	
Waste code	**Description**
17 05 06	dredging spoil other than those mentioned in 17 05 05
17 05 08	track ballast other than those mentioned in 17 05 07
17 06	**insulation materials and asbestos-containing construction materials**
17 06 04	insulation materials other than those mentioned in 17 06 01 and 17 06 03
17 09	**other construction and demolition wastes**
17 09 04	mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03
18	**Wastes from human or animal health care and/or related research (except kitchen and restaurant wastes not arising from immediate health care)**
18 01	**wastes from natal care, diagnosis, treatment or prevention of disease in humans**
18 01 04	wastes whose collection and disposal is not subject to special requirements in order to prevent infection (for example dressings, plaster casts, linen, disposable clothing, diapers)
18 02	**wastes from research, diagnosis, treatment or prevention of disease involving animals**
18 02 03	wastes whose collection and disposal is not subject to special requirements in order to prevent infection
18 02 06	chemicals other than those mentioned in 18 02 05
19	**Wastes from waste management facilities, off-site waste water treatment plants and the preparation of water intended for human consumption and water for industrial use**
19 01	**wastes from incineration or pyrolysis of waste**
19 01 02	ferrous materials removed from bottom ash
19 01 12	bottom ash and slag other than those mentioned in 19 01 11
19 01 14	fly ash other than those mentioned in 19 01 13
19 01 16	boiler dust other than those mentioned in 19 01 15
19 01 18	pyrolysis wastes other than those mentioned in 19 01 17
19 01 19	sands from fluidised beds
19 02	**wastes from physico/chemical treatments of waste (including dechromatation, decyanidation, neutralisation)**
19 02 03	premixed wastes composed only of non-hazardous wastes
19 02 06	sludges from physico/chemical treatment other than those mentioned in 19 02 05
19 02 10	combustible wastes other than those mentioned in 19 02 08 and 19 02 09
19 03	**stabilised/solidified wastes**
19 03 05	stabilised wastes other than those mentioned in 19 03 04
19 03 07	solidified wastes other than those mentioned in 19 03 06
19 04	**vitrified waste and wastes from vitrification**
19 04 01	vitrified waste
19 05	**wastes from aerobic treatment of solid wastes**
19 05 01	non-composted fraction of municipal and similar wastes
19 05 02	non-composted fraction of animal and vegetable waste

Table S2.1 Permitted waste types for disposal at a landfill for non-hazardous waste	
Waste code	**Description**
19 05 03	off-specification compost
19 06	**wastes from anaerobic treatment of waste**
19 06 04	digestate from anaerobic treatment of municipal waste
19 06 06	digestate from anaerobic treatment of animal and vegetable waste
19 08	**wastes from waste water treatment plants not otherwise specified**
19 08 01	screenings
19 08 02	waste from desanding
19 08 05	sludges from treatment of urban waste water
19 08 09	grease and oil mixture from oil/water separation containing only edible oil and fats
19 08 12	sludges from biological treatment of industrial waste water other than those mentioned in 19 08 11
19 08 14	sludges from other treatment of industrial waste water other than those mentioned in 19 08 13
19 09	**wastes from the preparation of water intended for human consumption or water for industrial use**
19 09 01	solid waste from primary filtration and screenings
19 09 02	sludges from water clarification
19 09 03	sludges from decarbonation
19 09 04	spent activated carbon
19 09 05	saturated or spent ion exchange resins
19 09 06	solutions and sludges from regeneration of ion exchangers
19 10	**wastes from shredding of metal-containing wastes**
19 10 01	iron and steel waste
19 10 02	non-ferrous waste
19 10 04	fluff-light fraction and dust other than those mentioned in 19 10 03
19 10 06	other fractions other than those mentioned in 19 10 05
19 11	**wastes from oil regeneration**
19 11 06	sludges from on-site effluent treatment other than those mentioned in 19 11 05
19 12	**wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified**
19 12 01	paper and cardboard
19 12 02	ferrous metal
19 12 03	non-ferrous metal
19 12 04	plastic and rubber
19 12 05	glass
19 12 07	wood other than that mentioned in 19 12 06
19 12 08	textiles
19 12 09	minerals (for example sand, stones)
19 12 10	combustible waste (refuse derived fuel)

Table S2.1 Permitted waste types for disposal at a landfill for non-hazardous waste	
Waste code	**Description**
19 12 12	other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11
19 13	**wastes from soil and groundwater remediation**
19 13 02	solid wastes from soil remediation other than those mentioned in 19 13 01
19 13 04	sludges from soil remediation other than those mentioned in 19 13 03
19 13 06	sludges from groundwater remediation other than those mentioned in 19 13 05
20	**Municipal wastes (household waste and similar commercial, industrial and institutional wastes) including separately collected fractions**
20 01	**separately collected fractions (except 15 01)**
20 01 01	paper and cardboard
20 01 02	glass
20 01 08	biodegradable kitchen and canteen waste
20 01 10	clothes
20 01 11	textiles
20 01 25	edible oil and fat
20 01 28	paint, inks, adhesives and resins other than those mentioned in 20 01 27
20 01 30	detergents other than those mentioned in 20 01 29
20 01 36	discarded electrical and electronic equipment other than those mentioned in 20 01 21, 20 01 23 and 20 01 35
20 01 38	wood other than that mentioned in 20 01 37
20 01 39	plastics
20 01 40	metals
20 01 41	wastes from chimney sweeping
20 02	**garden and park wastes (including cemetery waste)**
20 02 01	biodegradable waste
20 02 02	soil and stones
20 02 03	other non-biodegradable wastes
20 03	**other municipal wastes**
20 03 01	mixed municipal waste
20 03 02	waste from markets
20 03 03	street-cleaning residues
20 03 04	septic tank sludge
20 03 06	waste from sewage cleaning
20 03 07	bulky waste

Table S2.2 Permitted waste types for restoration	
Waste code	**Description**
01	**Wastes resulting from exploration, mining, quarrying, and physical and chemical treatment of minerals**
01 04	wastes from physical and chemical processing of non-metalliferous minerals
01 04 08	waste gravel and crushed rocks other than those mentioned in 01 04 07
01 04 09	waste sand and clays
02	**Wastes from agriculture, horticulture, aquaculture, forestry, hunting and fishing, food preparation and processing**
02 04	wastes from sugar processing
02 04 01	soil from cleaning and washing beet
03	**Wastes from wood processing and the production of panels and furniture, pulp, paper and cardboard**
03 03	wastes from pulp, paper and cardboard production and processing
03 03 05	de-inking sludges from paper recycling
03 03 09	lime mud waste
17	**Construction and demolition wastes (including excavated soil from contaminated sites)**
17 05	soil (including excavated soil from contaminated sites), stones and dredging spoil
17 05 04	soil and stones other than those mentioned in 17 05 03
17 05 06	dredging spoil other than those mentioned in 17 05 05
19	**Wastes from waste management facilities, off-site waste water treatment plants and the preparation of water intended for human consumption and water for industrial use**
19 05	wastes from aerobic treatment of solid wastes
19 05 03	off-specification compost
19 08	wastes from waste water treatment plants not otherwise specified
19 08 05	sludges from treatment of urban waste water
19 09	wastes from the preparation of water intended for human consumption or water for industrial use
19 09 02	sludges from water clarification
19 12	wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified
19 12 09	minerals (for example sand, stones)
19 13	wastes from soil and groundwater remediation
19 13 02	solid wastes from soil remediation other than those mentioned in 19 13 01
19 13 04	sludges from soil remediation other than those mentioned in 19 13 03
20	**Municipal wastes (household waste and similar commercial, industrial and institutional wastes) including separately collected fractions**
20 02	garden and park wastes (including cemetery waste)
20 02 02	soil and stones

Table S2.3a Permitted waste types for Physico-Chemical Treatment (Activity A5 in Table S1.1) at Soil Treatment Facility	
Maximum Quantity	**Maximum storage capacity of hazardous waste codes is 2,000 tonnes at any one time.** **Maximum treatment capacity of the Treatment is 38,000 tonnes at any one time for non-hazardous and hazardous wastes.** **Treatment Activity tonnage limit is 50,000 tonnes per annum.**
Waste code	**Description**
01	**Wastes resulting from exploration, mining, quarrying, and physical and chemical treatment of minerals**
01 04	**wastes from physical and chemical processing of non-metalliferous minerals**
01 04 09	Waste sand and clays
01 05	**Drilling muds and other wastes**
01 05 05*	Oil-containing drilling muds and wastes
01 05 06*	Drilling muds and other drilling wastes containing hazardous substances
05	**Wastes from petroleum refining, natural gas purification and pyrolytic treatment of coal**
05 01	**wastes from petroleum refining**
05 01 05*	Oil spills
13	**Oil wastes and wastes of liquid fuels (except edible oils, and those in chapters 05, 12 and 19)**
13 05	**Oil/water separator contents**
13 05 01*	Solids from grit chambers and oil/water separators
13 05 02*	Sludges from oil/water separators
13 05 03*	Interceptor sludges
13 05 08*	Mixtures of wastes from grit chambers and oil/water separators
17	**Construction and demolitions wastes (including excavated soil from contaminated sites)**
17 02	**Wood, glass and plastic**
17 02 01	Wood
17 05	**Soil (including excavated soil from contaminated sites), stones and dredging spoil**
17 05 03*	Soil and stones containing hazardous substances
17 05 04	Soil and stones other than those mentioned in 17 05 03
17 05 05*	Dredging spoil containing hazardous substances
17 05 06	Dredging spoil other than those mentioned in 17 05 05
17 05 07*	Track ballast containing hazardous substances
17 05 08	Track ballast other than those mentioned in 17 05 07
19	**Wastes from waste management facilities, off-site waste water treatment plants and the preparation of water intended for human consumption and water for industrial use**
19 02	**Wastes from physico/chemical treatment treatments of waste (including dechromatation, decyanidation, neutralisation)**
19 02 05*	sludges from physico/chemical treatment containing hazardous substances – wastes suitable for biological treatment only

Table S2.3a Permitted waste types for Physico-Chemical Treatment (Activity A5 in Table S1.1) at Soil Treatment Facility	
Maximum Quantity	**Maximum storage capacity of hazardous waste codes is 2,000 tonnes at any one time.** **Maximum treatment capacity of the Treatment is 38,000 tonnes at any one time for non-hazardous and hazardous wastes.** **Treatment Activity tonnage limit is 50,000 tonnes per annum.**
Waste code	**Description**
19 02 06	sludges from physico/chemical treatment other than those mentioned in 19 02 05 – wastes suitable for biological treatment only
19 05	**wastes from aerobic treatment of solid wastes**
19 05 03	off-specification compost
19 08	**wastes from waste water treatment plants not otherwise specified**
19 08 02	Waste from desanding
19 08 13*	Sludges containing hazardous substances from other treatment of industrial waste water
19 08 14	Sludges from other treatment of industrial waste water other than those mentioned in 19 08 13
19 12	**wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified**
19 12 07	Wood other than those mentioned in 19 12 06
19 13	**Wastes from soil and groundwater remediation**
19 13 01*	Solid wastes from soil remediation containing hazardous substances
19 13 02	Solid wastes from soil remediation other than those mentioned in 19 13 01
19 13 03*	Sludges from soil remediation containing hazardous substances
19 13 04	Sludges from soil remediation other than those mentioned in 19 13 03
20	**Municipal wastes (household waste and similar commercial, industrial and institutional wastes) including separately collected fractions**
20 01	**Separately collected fractions (except 15 01)**
20 01 38	Wood other than that mentioned in 20 01 37
20 02	**Garden and park wastes (including cemetery waste)**
20 02 01	Biodegradable waste
20 02 02	Soil and stones
20 03	**Other municipal wastes**
20 03 03	Street cleaning residues

Table S2.3b Permitted waste types for Biological Treatment (Activity A3/A4 in Table S1.1) at Soil Treatment Facility	
Maximum Quantity	**Maximum storage capacity of hazardous waste codes is 2,000 tonnes at any one time.** **Maximum treatment capacity of the Treatment is 38,000 tonnes at any one time for non-hazardous wastes and 30,000 tonnes for hazardous wastes.** **Treatment Activity tonnage limit is 50,000 tonnes per annum.**
Waste code	**Description**
01	**Wastes resulting from exploration, mining, quarrying, and physical and chemical treatment of minerals**
01 04	**wastes from physical and chemical processing of non-metalliferous minerals**
01 04 09	Waste sand and clays
01 05	**Drilling muds and other wastes**
01 05 05*	Oil-containing drilling muds and wastes
01 05 06*	Drilling muds and other drilling wastes containing hazardous substances
05	**Wastes from petroleum refining, natural gas purification and pyrolytic treatment of coal**
05 01	**wastes from petroleum refining**
05 01 05*	Oil spills
13	**Oil wastes and wastes of liquid fuels (except edible oils, and those in chapters 05, 12 and 19)**
13 05	**Oil/water separator contents**
13 05 01*	Solids from grit chambers and oil/water separators
13 05 02*	Sludges from oil/water separators
13 05 03*	Interceptor sludges
13 05 08*	Mixtures of wastes from grit chambers and oil/water separators
17	**Construction and demolitions wastes (including excavated soil from contaminated sites)**
17 02	**Wood, glass and plastic**
17 02 01	Wood
17 05	**Soil (including excavated soil from contaminated sites), stones and dredging spoil**
17 05 03*	Soil and stones containing hazardous substances
17 05 04	Soil and stones other than those mentioned in 17 05 03
17 05 05*	Dredging spoil containing hazardous substances
17 05 06	Dredging spoil other than those mentioned in 17 05 05
17 05 07*	Track ballast containing hazardous substances
17 05 08	Track ballast other than those mentioned in 17 05 07
19	**Wastes from waste management facilities, off-site waste water treatment plants and the preparation of water intended for human consumption and water for industrial use**
19 02	**Wastes from physico/chemical treatment treatments of waste (including dechromatation, decyanidation, neutralisation)**
19 02 05*	sludges from physico/chemical treatment containing hazardous substances – wastes suitable for biological treatment only

Table S2.3b Permitted waste types for Biological Treatment (Activity A3/A4 in Table S1.1) at Soil Treatment Facility	
Maximum Quantity	**Maximum storage capacity of hazardous waste codes is 2,000 tonnes at any one time.** **Maximum treatment capacity of the Treatment is 38,000 tonnes at any one time for non-hazardous wastes and 30,000 tonnes for hazardous wastes.** **Treatment Activity tonnage limit is 50,000 tonnes per annum.**
Waste code	**Description**
19 02 06	sludges from physico/chemical treatment other than those mentioned in 19 02 05 – wastes suitable for biological treatment only
19 05	**wastes from aerobic treatment of solid wastes**
19 05 03	off-specification compost
19 08	**wastes from waste water treatment plants not otherwise specified**
19 08 02	Waste from desanding
19 08 13*	Sludges containing hazardous substances from other treatment of industrial waste water
19 08 14	Sludges from other treatment of industrial waste water other than those mentioned in 19 08 13
19 12	**wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified**
19 12 07	Wood other than those mentioned in 19 12 06
19 12 11*	Other wastes (including mixtures of materials) from mechanical treatment of waste containing hazardous substances
19 13	**Wastes from soil and groundwater remediation**
19 13 01*	Solid wastes from soil remediation containing hazardous substances
19 13 02	Solid wastes from soil remediation other than those mentioned in 19 13 01
19 13 03*	Sludges from soil remediation containing hazardous substances
19 13 04	Sludges from soil remediation other than those mentioned in 19 13 03
20	**Municipal wastes (household waste and similar commercial, industrial and institutional wastes) including separately collected fractions**
20 01	**Separately collected fractions (except 15 01)**
20 01 38	Wood other than that mentioned in 20 01 37
20 02	**Garden and park wastes (including cemetery waste)**
20 02 01	Biodegradable waste
20 03	**Other municipal wastes**
20 03 03	Street cleaning residues

Table S2.4 Raw materials and fuels	
Raw materials and fuel description	**Specification**
NPK fertilizers	50 tonnes storage maximum at any one time

Schedule 3 – Emissions and monitoring

Table S3.1 Leachate level limits and monitoring requirements			
Monitoring point reference/Description	**Limit**	**Monitoring frequency**	**Monitoring method**
Phase 1: Two leachate monitoring points in addition to the collection sump for each hydraulically separate cell unless otherwise agreed in writing with the Agency.	3 m above cell base	Monthly	In accordance with Environment Agency document LFTGN02 (February 2003) 'Guidance on Monitoring of Landfill Leachate, Groundwater and Surface Water' or such other subsequent guidance as may be agreed in writing with the Environment Agency.
Phase 2: Two leachate monitoring points in addition to the collection sump for each hydraulically separate cell unless otherwise agreed in writing with the Agency.	6 m above cell base		

Table S3.2 Point source emissions to air – emission limits and monitoring requirements						
Emission point Ref. & Location	**Parameter**	**Source**	**Limit (including unit)**	**Reference Period**	**Monitoring Frequency**	**Monitoring Standard or Method**
Engines 1-5 Landfill gas engine on Plan ESID4	Oxides of Nitrogen	Gas utilisation plant	650 mg/m^3	Hourly mean	Annually	As per M2 or such other subsequent guidance as may be agreed in writing with the Environment Agency.
	CO		1500 mg/m^3			
	Total VOCs		1750 mg/m^3			
A1: Flare on plan 116-1-3026/A dated 27/02/2006	Oxides of Nitrogen	Landfill Gas Flares	150 mg/m^3	Hourly mean	Annually	As per M2 or such other subsequent guidance as may be agreed in writing with the Environment Agency. Monitoring is unnecessary where the flare is active for <10% of the year.
	CO		50 mg/m^3			
	Total VOCs		10 mg/m^3			
Biofilter Monitoring Point as shown on plan 3695-CAU-XX-XX-DR-V-1801	Ammonia	Biofilter at Soil Treatment Facility	20 mg/m^3	Hourly mean	Every six months	As agreed in writing with the Environment Agency.
	TVOCs		40 mg/m^3			
	Hydrogen Sulphide		No Limit			

Table S3.3 Point source emissions to water (other than sewer) – emission limits and monitoring requirements						
Emission point Ref. & Location	**Parameter**	**Source**	**Limit (incl unit)**	**Reference Period**	**Monitoring Frequency**	**Monitoring Standard or Method**
W1 On Plan ESID14 dated August 2007	Suspended Solids	Site drainage from the site surface water drainage system	75 mg/l	Spot Sample	Monthly	As specified in Environment Agency Guidance TGN02 'Monitoring of Landfill Leachate, Groundwater and Surface Water' (February 2003), risk assessments for your environmental permit (www.gov.uk) or such other subsequent guidance as may be agreed in writing with the Environment Agency
	Oil or grease		No visible discharge	Spot Sample	Monthly	
	pH		>6 and <9	Spot Sample	Monthly	
	Volume		750 m^3/day	24 hours	Monthly	
	Flow rate		20 l/s	Instantaneous	Monthly	
	Conductivity		No limit set	Spot Sample	Monthly	
	Ammoniacal Nitrogen		No limit set	Spot Sample	Monthly	
	Chloride		No limit set	Spot Sample	Monthly	
	DO		No limit set	Spot Sample	Monthly	
	Sulphate		No limit set	Spot Sample	Quarterly	
	Alkalinity (as $CaCO_3$)		No limit set	Spot Sample	Quarterly	
	COD		No limit set	Spot Sample	Quarterly	
	TON		No limit set	Spot Sample	Quarterly	
	Na		No limit set	Spot Sample	Quarterly	
	K		No limit set	Spot Sample	Quarterly	
	Ca		No limit set	Spot Sample	Quarterly	

Table S3.3 Point source emissions to water (other than sewer) – emission limits and monitoring requirements						
Emission point Ref. & Location	**Parameter**	**Source**	**Limit (incl unit)**	**Reference Period**	**Monitoring Frequency**	**Monitoring Standard or Method**
	Mg		No limit set	Spot Sample	Quarterly	
	Cr		No limit set	Spot Sample	Quarterly	
	Cd		No limit set	Spot Sample	Quarterly	
	Mn		No limit set	Spot Sample	Quarterly	
	Fe		No limit set	Spot Sample	Quarterly	
	Cu		No limit set	Spot Sample	Quarterly	
	Ni		No limit set	Spot Sample	Quarterly	
	Zn		No limit set	Spot Sample	Quarterly	
	Pb		No limit set	Spot Sample	Quarterly	
	Hg		No limit set	Spot Sample	Quarterly	
	List 1 substances identified in leachate, unless otherwise agreed in writing with the Environment Agency		No limit set	Spot Sample	Annually	

Table S3.4 Point source emissions to sewer, effluent treatment plant or by tankering or other transfer off-site – emission limits and monitoring requirements						
Emission point Ref. & Location	**Parameter**	**Source**	**Limit (including unit)**	**Reference Period**	**Monitoring Frequency**	**Monitoring Standard or Method**
Treated Process Water Monitoring Point as shown on Plan 3695-CAU-XX-XX-DR-V-1801	Hazardous substances as defined by H1 assessment	Soil Treatment Facility	To be agreed in writing with the Environment Agency in accordance with Improvement Condition 4 in Table S1.3	Spot sample	Quarterly	As agreed in writing with the Environment Agency in accordance with Improvement Condition 4 in Table S1.3

Table S3.5 Groundwater – emission limits and monitoring requirements					
Monitoring point reference	**Parameter**	**Limit (including unit)**	**Reference Period**	**Monitoring frequency**	**Monitoring standard or method**
GW5.01 as detailed on drawing number 124E232 dated February 2013	Ammoniacal Nitrogen	1.41 mg/l[1]	Spot Sample	Monthly	As specified in Environment Agency Guidance TGN02 'Monitoring of Landfill Leachate, Groundwater and Surface Water' (February 2003), risk assessments for your environmental permit (www.gov.uk) or such other subsequent guidance as may be agreed in writing with the Environment Agency
	Chloride	225 mg/l[1]		Monthly	
	Mecoprop	0.04 µg/l[1]		Quarterly	
	Xylene	3.0 µg/l[1]		Quarterly	
	Trichlorobenzene	0.01 µg/l[1]		Quarterly	
GW08 as detailed on drawing number 124E232 dated February 2013	Ammoniacal Nitrogen	1.80 mg/l		Monthly	
	Chloride	410 mg/l		Monthly	
	Mecoprop	0.04 µg/l		Quarterly	
	Xylene	3.0 µg/l		Quarterly	
	Trichlorobenzene	0.01 µg/l		Quarterly	
1. Unless otherwise agreed in writing by the Environment Agency					

Table S3.6 Landfill gas in external monitoring boreholes – limits and monitoring requirements				
Monitoring point Ref. /description	**Parameter**	**Limit (including units)**	**Monitoring frequency**	**Monitoring standard or method**
BH1, BH2, BH5-BH18, BH22-BH35 as detailed on drawing no. 124E232 dated February 2013	Methane	1% v/v	Monthly	As per LFTGN03 (Sept 2004) or such other subsequent guidance as may be agreed in writing with the Environment Agency. Record whether the ground is: waterlogged frozen snow covered
	Carbon Dioxide	1.5% v/v		
	Oxygen	No limit		
	Atmospheric pressure	No limit		
	Differential Pressure	No limit		
BH3, BH3.01, BH3.02, BH4.00, BH4.01 as detailed on drawing no. 124E232 dated February 2013	Methane	1% v/v		
	Carbon Dioxide	2% v/v		
	Oxygen	No limit		
	Atmospheric pressure	No limit		
	Differential Pressure	No limit		
BH4.02 as detailed on drawing no. 124E232 dated February 2013	Methane	1% v/v		
	Carbon Dioxide	11.5% v/v		
	Oxygen	No limit		
	Atmospheric pressure	No limit		
	Differential Pressure	No limit		
BH36, BH37, BH38.1, BH39.1, BH40.1, BH41-BH44 as detailed on drawing no. 124E232 dated February 2013	Methane	1% v/v		
	Oxygen	No limit		
	Atmospheric pressure	No limit		
	Differential Pressure	No limit		
BH36 and BH37	Carbon Dioxide	1.5% v/v		
BH38.1	Carbon Dioxide	2.6% v/v		
BH39.1	Carbon Dioxide	5.5% v/v		

Table S3.6 Landfill gas in external monitoring boreholes – limits and monitoring requirements				
Monitoring point Ref. /description	**Parameter**	**Limit (including units)**	**Monitoring frequency**	**Monitoring standard or method**
BH40.1	Carbon Dioxide	3.3% v/v	Monthly	As per LFTGN03 (Sept 2004) or such other subsequent guidance as may be agreed in writing with the Environment Agency. Record whether the ground is: waterlogged frozen snow covered
BH41	Carbon Dioxide	3.0% v/v		
BH42	Carbon Dioxide	2.7% v/v		
BH43	Carbon Dioxide	2.2% v/v		
BH44	Carbon Dioxide	2.3% v/v		

Table S3.7 Particulate matter in ambient air - monitoring requirements					
Monitoring Point Ref. /Description	**Parameter**	**Limit**	**Reference Period**	**Monitoring Frequency**	**Monitoring Standard or Method**
Dust monitoring points as detailed on drawing no.ESID14, dated August 2007	Deposited dust	200 mg/m^2/day	24 hours	Monthly	
	Suspended particulate PM10	None set	In accordance with correspondence ref: 402.0197.00423 dated 06/04/2006	In accordance with correspondence ref: 402.0197.00423 dated 06/04/2006	

Table S3.8 Landfill gas emissions from capped surfaces for cells that have accepted non-hazardous biodegradable waste – monitoring requirements			
Monitoring point Ref. /description	**Parameter**	**Monitoring frequency**	**Monitoring Standard or method**
Permanently capped zone	Methane concentration	Every 12 months	As per LFTGN 07 (v2 2010) or such other subsequent guidance as may be agreed in writing with the Environment Agency.

Table S3.8 Landfill gas emissions from capped surfaces for cells that have accepted non-hazardous biodegradable waste – monitoring requirements			
Monitoring point Ref. /description	**Parameter**	**Monitoring frequency**	**Monitoring Standard or method**
Temporarily capped zone	Methane concentration	Every 12 months	As per LFTGN 07 (v2 2010) or such other subsequent guidance as may be agreed in writing with the Environment Agency.
Whole site	Total methane emission	As agreed with the Environment Agency	As per LFTGN 07 (v2 2010) or such other subsequent guidance as may be agreed in writing with the Environment Agency.
Uncapped areas	Methane concentration	Every 12 months	As agreed with the Environment Agency based on the wording of revised LFTGN 07 or landfill sector guidance or such other subsequent guidance as may be agreed in writing with the Environment Agency.

Table S3.9 Groundwater – other monitoring requirements			
Monitoring Point Ref./Description	**Parameter**	**Monitoring frequency**	**Monitoring standard or method**
Up gradient MEPP	Water level, electrical conductivity, chloride, ammoniacal nitrogen, pH,	Quarterly	As specified in Environment Agency Guidance TGN02 'Monitoring of Landfill Leachate, Groundwater and Surface Water' (February 2003), risk assessments for your environmental permit (www.gov.uk) or such other subsequent guidance as may be agreed in writing with the Environment Agency
	total alkalinity, magnesium, potassium, total sulphates, calcium, sodium, chromium, copper, iron, lead, nickel, zinc, manganese	Annually	
	Hazardous substances	Annually for first six years of operation	

Down or cross gradient MEPP	Water level, electrical conductivity, chloride, ammoniacal nitrogen, pH,	Quarterly	As specified in Environment Agency Guidance TGN02 'Monitoring of Landfill Leachate, Groundwater and Surface Water' (February 2003), risk assessments for your environmental permit (www.gov.uk) or such other subsequent guidance as may be agreed in writing with the Environment Agency After the initial 6 year monitoring period for hazardous substances, if the results of quarterly or annual monitoring suggest an increase in contamination, the operator shall also undertake a full leachate hazardous substances screen.
	total alkalinity, magnesium, potassium, total sulphates, calcium, sodium, chromium, copper, iron, lead, nickel, zinc, manganese	Annually	
	Hazardous substances detected in leachate	Annually for first six years of operation then every two years	
MEPP	Base of monitoring point (mAoD)	Annually	

Table S3.10 Landfill gas – other monitoring requirements

Monitoring Point Ref. /Description	Parameter	Monitoring frequency	Monitoring standard or method	Other specifications
In waste gas monitoring boreholes or sealed leachate wells or sacrificial gas extraction system	Methane Carbon Dioxide Oxygen Carbon Monoxide Differential pressure Atmospheric pressure	Monthly until gas extraction commences	Calibrated handheld monitoring instrument	For cells or phases which have no active gas extraction. Gas extraction system shall be installed and extraction commenced once monitoring shows onset of methane production in waste at a rate that can be sustainably extracted. Once gas extraction has commenced in a particular cell or phase, there is no longer a requirement to carry out this monitoring.

Table S3.10 Landfill gas – other monitoring requirements				
Monitoring Point Ref. /Description	**Parameter**	**Monitoring frequency**	**Monitoring standard or method**	**Other specifications**
	Hydrogen sulphide	Quarterly	Calibrated handheld monitoring instrument or Tedlar Bag sample in accordance with LFTGN04 (V3, March 2010) or other such subsequent guidance as may be agreed in writing with the Environment Agency or a method agreed with the Environment Agency.	For cells or phases which have no active gas extraction. Once gas extraction has commenced in a particular cell or phase, there is no longer a requirement to carry out this monitoring. Concentrations of hydrogen sulphide shall be assessed in accordance with the gas and odour management plans
Gas collection system at well control valve, manifolds (if applicable) and strategic points on gas system	Methane Carbon Dioxide Oxygen Carbon Monoxide Atmospheric pressure Gas flow rate or suction % Balance Gas (calculated as the difference between the sum of measured gases and 100%)	Monthly or at such other frequency as may be agreed in writing with the Environment Agency.	Calibrated handheld monitoring instrument	Where the oxygen concentration exceeds 5% or the % balance gas is greater than 20% an assessment of air ingress into the system shall be undertaken. Where the concentration of carbon monoxide exceeds 100ppm then further investigation shall be undertake Record the ambient air temperature and whether the ground is: waterlogged frozen snow covered

Table S3.10 Landfill gas – other monitoring requirements				
Monitoring Point Ref. /Description	**Parameter**	**Monitoring frequency**	**Monitoring standard or method**	**Other specifications**
Gas collection system at well control valve	Hydrogen sulphide	Six monthly	Calibrated handheld monitoring instrument or Tedlar Bag sample in accordance with LFTGN04 (v3, March 2010) or other such subsequent guidance as may be agreed in writing with the Environment Agency or a method agreed with the Environment Agency.	Concentrations of hydrogen sulphide shall be assessed in accordance with the gas and odour management plans
Output to flare or LFG Utilisation Compound	Trace gas	Annually	Trace gas analysis in accordance with LFTGN04 (v3, March 2010) or such other subsequent guidance as may be agreed in writing with the Environment Agency [or a trace gas characterisation method agreed with the Environment Agency].	The concentration of trace gas components shall be assessed against the assumptions made in the Landfill gas risk assessment and dispersion modelling.
Output to flare or LFG Utilisation Compound	Methane Carbon Dioxide Oxygen Gas flow rate Suction % Balance Gas (calculated as the difference between the sum of measured gases and 100%)	Weekly		Where the oxygen concentration exceeds 5% or the % balance gas is greater than 20% an assessment of air ingress into the system shall be undertaken.

Table S3.10 Landfill gas – other monitoring requirements				
Monitoring Point Ref. /Description	**Parameter**	**Monitoring frequency**	**Monitoring standard or method**	**Other specifications**
Flare 1 shown on Plan 3026/A dated 27/02/2006	Temperature	As per LFTGN05 (v2, March 2010) or such other subsequent guidance as may be agreed in writing with the Environment Agency.	As per M2 or such other subsequent guidance as may be agreed in writing with the Environment Agency.	
Gas engines 1-5, post turbo	NOx and CO	Quarterly	In accordance with Appendix C of LFTGN08, (v2, 2010) or such other subsequent guidance as may be agreed in writing with the Environment Agency.	Where monitoring using hand-held, electrochemical equipment indicates an exceedance of the emissions standards specified in Table S3.2, these shall be used as action levels and the operator shall investigate the cause and take appropriate measures to reduce emissions.

Table S3.11 Leachate – other monitoring requirements				
Monitoring point reference or description	**Parameter**	**Monitoring frequency**	**Monitoring standard or method**	**Other specifications**
Operational Cells or Phases **(Any cell or phases that do not have a final engineered cap agreed in accordance with condition 2.6)**			At leachate compliance point as listed in table S3.1. As specified in Environment Agency Guidance TGN02 'Monitoring of Landfill Leachate, Groundwater and Surface Water' (February 2003), risk assessments for your environmental permit (www.gov.uk) or such other subsequent guidance as may be agreed in writing with the Environment Agency	
MEPP	pH, EC, total alkalinity, ammoniacal nitrogen, Chloride, COD, BOD, cadmium, chromium, copper, lead, nickel, iron, arsenic, magnesium, potassium, total sulphates, calcium, sodium, zinc, manganese	Quarterly		None
MEPP	Hazardous substances	Annually		None
MEPP	Depth to base (mAoD)	Annually		None
Non Operational Cells or Phases **(Any cell or phases that have a final engineered cap agreed in accordance with condition 2.6)**				
MEPP	pH, EC, total alkalinity, ammoniacal nitrogen, Chloride, COD, BOD, cadmium, chromium, copper, lead, nickel, iron, arsenic, magnesium, potassium, total sulphates, calcium, sodium, zinc, manganese	Annually		
MEPP	Hazardous substances	Once every four years		None
MEPP	Depth to base (mAoD)	Annually		

Table S3.12 Surface water – other monitoring requirements				
Monitoring Point Ref. /Description	**Parameter**	**Monitoring frequency**	**Monitoring standard or method**	**Other specifications**
MEPP	Ammoniacal nitrogen Chloride Suspended Solids Visual Oil and Grease pH electrical conductivity	Monthly	Spot sample	As specified in Environment Agency Guidance TGN02 'Monitoring of Landfill Leachate, Groundwater and Surface Water' (February 2003), risk assessments for your environmental permit (www.gov.uk) or such other subsequent guidance as may be agreed in writing with the Environment Agency

Table S3.13 Process monitoring requirements				
Monitoring Point	**Substance or parameter**	**Monitoring frequency**	**Monitoring method**	**Other specifications**
Biofilter Monitoring Point as shown on Plan 3695-CAU-XX-XX-DR-V-1801	Moisture content, flow rate, nutrient levels, contaminant elimination	As required	As required	Biofilter should be checked and maintained to ensure appropriate temperature and moisture content on a daily basis. Monitoring equipment shall be available on-site and used as required.

Schedule 4 – Reporting

Parameters, for which reports shall be made, in accordance with conditions of this permit, are listed below.

Table S4.1 Reporting of monitoring data		
Parameter	**Reporting period**	**Period ends**
Leachate and/ or groundwater level As specified by schedule 3, table S3.1	Every 3 months	31 March, 30 June, 30 September, 31 December
Point source emission to air As specified by schedule 3, table S3.2	Every 12 months	31 December
Point source emission to water (other than sewer) As specified by schedule 3, table S3.3	Every 3 months	31 March, 30 June, 30 September, 31 December
Point source emission to sewer As specified by schedule 3, table S3.4	Every 3 months	31 March, 30 June, 30 September, 31 December
Emission to groundwater As specified by schedule 3, table S3.5	Every 3 months	31 March, 30 June, 30 September, 31 December
Landfill gas in external monitoring boreholes As specified by schedule 3, table S3.6	Every 3 months	31 March, 30 June, 30 September, 31 December
Particulate matter in ambient air. As required by schedule 3, table S3.7	Every 6 months	30 June, 31 December
Emission of landfill gas from capped surfaces As specified by schedule 3, table S3.8	Every 12 months	31 December
Other groundwater monitoring As specified by schedule 3, table S3.9	Every 3 months	31 March, 30 June, 30 September, 31 December
Other Landfill gas monitoring As specified by schedule 3, table S3.10	Every 3 months	31 March, 30 June, 30 September, 31 December
Trace gas monitoring	Every 12 months	31 December
Other leachate monitoring As specified by schedule 3, table S3.11	Every 12 months	31 December
Other surface water monitoring As specified by schedule 3, table S3.12	Every 12 months	31 December

Table S4.1 Reporting of monitoring data		
Parameter	**Reporting period**	**Period ends**
Process monitoring requirements As specified by Schedule 3, table S3.13	As agreed with the Environment Agency	31 December
Meteorological data Landfill Directive, annex III, section 2	Every 12 months	31 December

* - where the reporting period is 12 months, you may submit this information as part of the 'annual report' required by condition 4.2.2.

Table S4.2 Annual production/treatment	
Leachate: Disposed of off site; Disposed of to any onsite effluent treatment plant; Recirculated into the waste mass. Accepted from offsite for treatment at any onsite effluent treatment plant.	Cubic metres/year
Landfill gas: combustion in flares; combustion in gas engines; Other methods of gas utilisation. Average methane content entering the landfill gas utilisation or treatment compound (based on the annual average of Table S3.9 monitoring) Methane generation rate (50%ile from a representative model)	Normalised cubic metres/year % methane v/v m3 /hr

Table S4.3 Performance Parameters			
Parameter	**Frequency of assessment**	**Annual total**	**Unit**
Energy used (including for leachate treatment)	Annually		MWh of electricity or natural gas

Table S4.4 Reporting Forms		
Media/parameter	**Reporting Format**	**Date of Form**
Leachate	Form leachate 1 or other reporting format to be agreed in writing with the Environment Agency	02/02/17
Air	Form Air 1 or other reporting format to be agreed in writing with the Environment Agency	02/02/17
Controlled water	Form Water 1 or other reporting format to be agreed in writing with the Environment Agency	02/02/17
Sewer	Form Sewer 1 or other reporting format to be agreed in writing with the Environment Agency	[XX/XX/XXXX]
Groundwater	Form Groundwater 1 or other reporting format to be agreed in writing with the Environment Agency	02/02/17
Landfill gas	Form LFG 1 or other reporting format to be agreed in writing with the Environment Agency	02/02/17
Particulate matter	Form Particulate 1 or other reporting format to be agreed in writing with the Environment Agency	02/02/17
Waste Return	Waste Return Form RATS2E	02/02/17
Landfill topographical surveys and interpretation	Reporting format to be agreed in writing with the Environment Agency	02/02/17

Schedule 5 – Notification

This page outlines the information that the operator must provide.

Units of measurement used in information supplied under Part A and B requirements shall be appropriate to the circumstances of the emission. Where appropriate, a comparison should be made of actual emissions and authorised emission limits.

If any information is considered commercially confidential, it should be separated from non-confidential information, supplied on a separate sheet and accompanied by an application for commercial confidentiality under the provisions of the EP Regulations.

Part A

Permit Number	
Name of operator	
Location of Facility	
Time and date of the detection	

(a) Notification requirements for any incident or accident which significantly affects or may significantly affect the environment	
To be notified within 24 hours of detection	
Date and Time of the event	
Reference or description of the location of the event	
Description of where any release into the environment took place	
Substances(s) potentially released	
Best estimate of the quantity or rate of release of substances	
Measures taken, or intended to be taken, to stop any emission	
Description of the failure or accident.	

(b) Notification requirements for the breach of a limit	
To be notified within 24 hours of detection unless otherwise specified below	
Emission point reference/ source	
Parameter(s)	
Limit	
Measured value and uncertainty	
Date and time of monitoring	

(b) Notification requirements for the breach of a limit	
To be notified within 24 hours of detection unless otherwise specified below	
Measures taken, or intended to be taken, to stop the emission	

Time periods for notification following detection of a breach of a limit	
Parameter	**Notification period**

(c) Notification requirements in the event of a breach of permit condition which poses an immediate danger to human health or threatens to cause an immediate significant adverse effect on the environment	
To be notified within 24 hours of detection	
Description of where the effect on the environment was detected	
Substances(s) detected	
Concentrations of substances detected	
Date of monitoring/sampling	

Part B to be supplied as soon as practicable

Any more accurate information on the matters for notification under Part A.	
Measures taken, or intended to be taken, to prevent a recurrence of the incident	
Measures taken, or intended to be taken, to rectify, limit or prevent any pollution of the environment which has been or may be caused by the emission	
The dates of any unauthorised emissions from the facility in the preceding 24 months.	

Name*	
Post	
Signature	
Date	

* authorised to sign on behalf of the operator

Schedule 6 – Interpretation

“accident” means an accident that may result in pollution.

“annually” means once every year.

“application” means the application for this permit, together with any additional information supplied by the operator as part of the application and any response to a notice served under Schedule 5 to the EP Regulations.

“authorised officer” means any person authorised by the Environment Agency under section 108(1) of The Environment Act 1995 to exercise, in accordance with the terms of any such authorisation, any power specified in section 108(4) of that Act.

“Background concentration” means such concentration of that substance as is present in:

- For emissions to surface water, the surface water quality up-gradient of the site; or
- For emissions to sewer, the surface water quality up-gradient of the sewage treatment works discharge; or
- For emissions of landfill gas, the ground or air outside the site and not attributable to the site.

(a) “Cell layout drawing” means: A drawing or drawings of the proposed new cell that illustrate(s) in sufficient detail:

(i) the location of the new cell on the site;

(ii) the proposed level (Above Ordnance Datum) of the base of the excavation;

(iii) the proposed finished levels of all containment and leachate drainage layers;

(iv) the positions of leachate management infrastructure; and

(v) the positions of landfill gas infrastructure (if appropriate).

(b) A detailed written explanation of any minor design changes from the most recently approved cell that result from the new cell layout. This would include, for example:

(i) changes to slope length and gradient within the cell;

(ii) new leachate or landfill gas infrastructure construction design;

(iii) slope stability issues such as new basal excavation level; and/or

(iv) depth of waste.

“Construction Proposals” means written information, at a level of detail appropriate to the complexity and pollution risk, on the design, specifications of materials selected, stability assessment (where relevant) and the construction quality assurance (CQA) programme in relation to the New Cell or Landfill Infrastructure.

“CQA Validation Report” means the final “as built” construction and engineering details of the New Cell or of the Landfill Infrastructure. It must provide a comprehensive record of the construction and must include, where relevant:

- The results of all testing required by the CQA programme - this must include the records of any failed tests with a written explanation, details of the remedial action taken, referenced to the appropriate secondary testing;
- Plans showing the location of all tests;
- “As-built” plans and sections of the works;
- Copies of the site engineer’s daily records;
- Records of any problems or non-compliances and the solution applied;

- Any other site specific information considered relevant to proving the integrity of the New Cell or Landfill Infrastructure;
- Validation by a qualified person that all of the construction has been carried out in accordance with the Construction Proposals.

“emissions to land” includes emissions to groundwater.

“EP Regulations” means The Environmental Permitting (England and Wales) Regulations 2016, SI 2016 No.1154 and words and expressions used in this permit which are also used in those Regulations have the same meanings as in those Regulations.

“emissions of substances not controlled by emission limits” means emissions of substances to air, water or land from the activities, either from the emission points specified in schedule 3 or from other localised or diffuse sources, which are not controlled by an emission or background concentration limit.

“exceeded” means that a value is above a permitted limit, or where a range of values or a minimum value is set as a permitted limit it means a value outside that range or below the minimum value, whichever is applicable.

‘Hazardous property’ has the meaning in Annex III of the Waste Framework Directive.

“Hazardous substances” as defined by the Environmental Permitting (England and Wales) Regulations 2010, SI 2010 No.675, schedule 22 and listed in our Hydrogeological risk assessment guidance, annex J to our H1 risk assessment guidance.

‘Hazardous waste’ has the meaning given in the Hazardous Waste (England and Wales) Regulations 2005 (as amended).

“Landfill Infrastructure” means any specified element of the:

- permanent capping;
- temporary capping (i.e. engineered temporary caps not cover materials);
- leachate abstraction systems;
- leachate transfer, treatment and storage systems;
- surface water drainage systems;
- leachate monitoring wells;
- groundwater monitoring boreholes;
- landfill gas monitoring boreholes;
- landfill gas management systems;
- lining within the installation.

within the site.

“Liquids” means any liquid other than leachate within the engineered landfill containment system.

“List of Wastes” means the list of wastes established by Commission Decision 2000/532/EC replacing Decision 94/3/EC establishing a list of wastes pursuant to Article 1(a) of Council Directive 75/442/EEC on waste and Council Decision 94/904/EC establishing a list of hazardous waste pursuant to Article 1(4) of Council Directive 91/689/EEC on hazardous waste, as amended from time to time.

“LFTGN 05” means Environment Agency Guidance for monitoring enclosed landfill gas flares.

“LFTGN 07” means Environment Agency Guidance on monitoring landfill gas surface emissions.

“LFTGN 08” means Environment Agency Guidance for monitoring landfill gas engines.

“groundwater” means all water, which is below the surface of the ground in the saturation zone and in direct contact with the ground or subsoil.

"inert waste" means waste that does not undergo any significant physical, chemical or biological transformations. Inert waste will not dissolve, burn or otherwise physically or chemically react, biodegrade or adversely affect other matter with which it comes into contact in a way likely to give rise to environmental pollution or harm human health. The total leachability and pollutant content of the waste and the ecotoxicity of the leachate must be insignificant, and in particular not endanger the quality of surface water and/or groundwater.

“Medicinal product” means any medicine licensed by the Medicines and Healthcare products Regulatory Agency (MHRA) or their predecessors under the Medicines Act 1968, section 130.

“MEPP” Monitoring and extraction point plan, required by condition 4.2.2(h) to specify extraction points and routine monitoring locations.

“M2” means Environment Agency Guidance Monitoring of stack emissions to air.

“New Cell” means any new cell, part of a cell or other similar new area of the site where waste deposit is to commence after issue of this permit and can comprise:

- groundwater under-drainage system;
- permanent geophysical leak location system;
- leak detection layer;
- sub-grade;
- barriers;
- liners;
- leachate collection system;
- leachate abstraction system;
- separation bund/layer;
- cell or area surface water drainage system;
- side wall subgrade and containment systems;

for the New Cell.

“MEPP” Monitoring and extraction point plan, required by condition 4.2.2(h) to specify extraction points and routine monitoring locations.

“MCERTS” means the Environment Agency’s Monitoring Certification Scheme.

“No impact” means that the change made to the construction process will not affect the agreed design criteria, specification or performance in a way that has a negative effect.

“Pests” means Birds, Vermin and Insects.

“Previous year” means the 12 month period preceding the month the annual report is submitted in.

“quarter” means a calendar year quarter commencing on 1 January, 1 April, 1 July or 1 October.

“Relevant waste acceptance procedures” means the procedure for the acceptance of waste at landfills and the associated sampling and test methods specified in the Council Decision Annex (2003/33/EC, European Council of 19 December 2002).

“Relevant waste acceptance criteria” means the waste acceptance criteria and the associated sampling and test methods specified in the Council Decision Annex (2003/33/EC, European Council of 19 December 2002).

“Review of the Hydrogeological Risk Assessment” means a written review of the hydrogeological risk assessment included in the Application, together with any other parts of the Application that addressed the requirements of the EP Regulations. The review shall assess whether the activities of disposal or tipping for

the purpose of disposal of waste authorised by the permit continue to meet the requirements of the EP Regulations.

'Sustainably extracted' means where suction can be applied to the extraction wells such that a flow rate of landfill gas, with a methane content capable of either being combusted, or treated by bio-oxidation, can be extracted without increasing the risk of air ingress to the waste or inducing aerobic degradation within the waste.

'Waste code' - See 'List of Wastes'.

"WFD" means Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste [and repealing certain Directives] – the Waste Framework Directive.

Unless otherwise stated, any references in this permit to concentrations of substances in emissions into air means the standards included in Environment Agency Guidance for Monitoring Enclosed Landfill Gas Flares LFTGN 05 or Guidance for Monitoring Landfill Gas Engine Emissions LFTGN 08.

Where the following terms appear in the waste code list in Tables S2.1 or S2.2 they have the meaning given below:

'hazardous substance' means a substance classified as hazardous as a consequence of fulfilling the criteria laid down in parts 2 to 5 of Annex I to Regulation (EC) No 1272/2008;

'heavy metal' means any compound of antimony, arsenic, cadmium, chromium (VI), copper, lead, mercury, nickel, selenium, tellurium, thallium and tin, as well as these materials in metallic form, as far as these are classified as hazardous substances;

'polychlorinated biphenyls and polychlorinated terphenyls' ('PCBs') means PCBs as defined in Article 2(a) of Council Directive 96/59/EC'.
Article 2(a) says that 'PCBs' means:

- polychlorinated biphenyls
- polychlorinated terphenyls
- monomethyl-tetrachlorodiphenyl methane, Monomethyl-dichloro-diphenyl methane, Monomethyldibromo-diphenyl methane
- any mixture containing any of the above mentioned substances in a total of more than 0,005 % by weight;

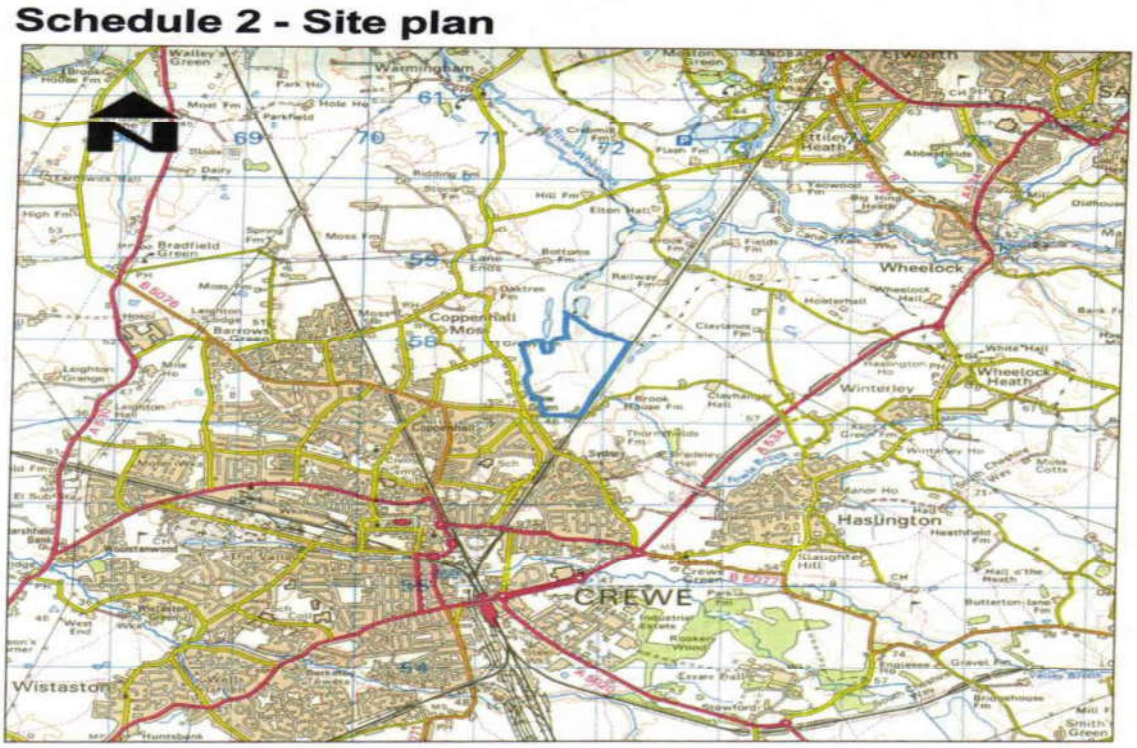
'transition metals' means any of the following metals: any compound of scandium, vanadium, manganese, cobalt, copper, yttrium, niobium, hafnium, tungsten, titanium, chromium, iron, nickel, zinc, zirconium, molybdenum and tantalum, as well as these materials in metallic form, as far as these are classified as hazardous substances;

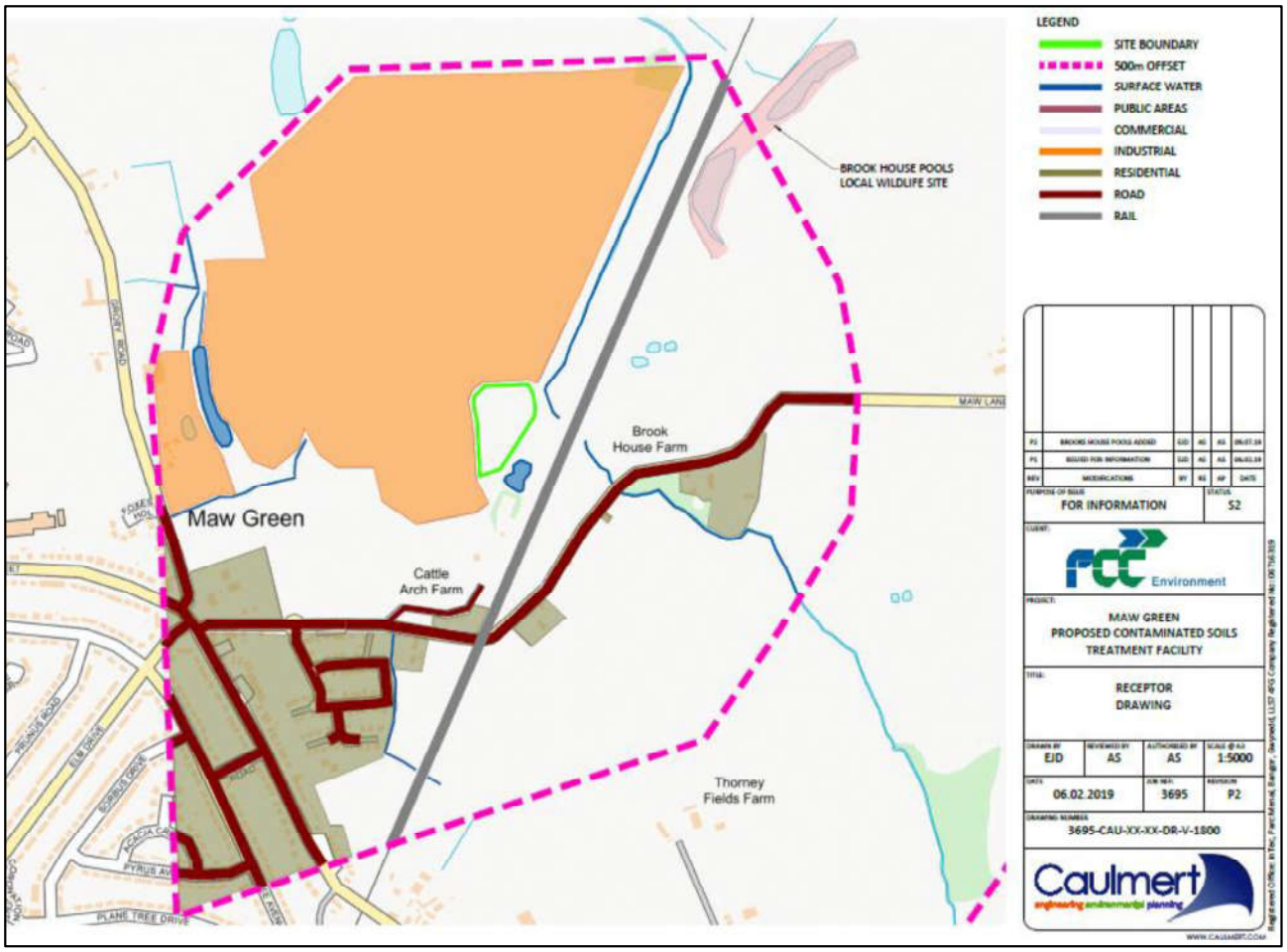
'stabilisation' means processes which change the hazardousness of the constituents in the waste and transform hazardous waste into non-hazardous waste;

'solidification' means processes which only change the physical state of the waste by using additives without changing the chemical properties of the waste;

'partly stabilised wastes' means wastes containing, after the stabilisation process, hazardous constituents which have not been changed completely into non-hazardous constituents and could be released into the environment in the short, middle or long term.

Schedule 7 – Site plan





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END OF PERMIT

Appendix L Waste Transfer Notes (LoW Code 17 09 04).

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W. LEESON & SON

DELIVERY NOTE/RECEIPT

Moss Lane, Off Sharp Street, Walkden, Manchester M28 3LY
Tel: 0161 790 7888
Email: contact@wleesonandson.com Website: wleesonandson.com

Waste Carrier Registration No. CB/DU100836
VAT No: 305 6684 54

DUTY OF CARE WASTE TRANSFER NOTE

Waste Disposal Licence No.
EAWML 50114
Issued by the Environment Agency

Date: 12/04/2021

Time:

Ticket No.: 102179

Customer/Waste Transferer: Henry Constuction Projects
Victoria Riverside
Dantzic Street
Manchester
M4 4DD

Contact No.: Martin
07971648116

Transfer Details
W LEESON & SON
Place of Transfer
Moss Lane
Off Sharp Street
Walkden
Manchester M28 3LY

Order No.:

Vehicle Reg: GN 20 XPB

Notes:

Movement Type: Deliver

Skip Type: 20 Yard RoRo

Permit Y/N: No

Waste Type: 17 09 04 Mixed

Sic Code: 42990

Skip Price:
Permit:
Extras:
VAT:
Total:

Payment Type: Account
Weight: Tonnes

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.
We agree the container was delivered in good condition and accept the conditions of hire as stated overleaf.

Drivers Signature:

Drivers Print: P. Yates

Waste Producers Signature:

Waste Producers Print:

Skips MUST only be filled level.

W. LEESON & SON

DELIVERY NOTE/RECEIPT

Moss Lane, Off Sharp Street, Walkden, Manchester M28 3LY
Tel: 0161 790 7888
Email: contact@wleesonandson.com Website: wleesonandson.com

Waste Carrier Registration No. CB/DU100836
VAT No: 305 6684 54

DUTY OF CARE WASTE TRANSFER NOTE

Waste Disposal Licence No.
EAWML 50114
Issued by the Environment Agency

Date: 15/04/2021

Time:

Ticket No.: 102181

Customer/Waste Transferer: Henry Constuction Projects
Victoria Riverside
Dantzic Street
Manchester
M4 4DD

Contact No.: Martin
07971648116

Transfer Details
W LEESON & SON
Place of Transfer
Moss Lane
Off Sharp Street
Walkden
Manchester M28 3LY

Order No.:

Vehicle Reg: GN 20 XPB

Notes:

Movement Type: Exchange

Skip Type: 20 Yard RoRo

Permit Y/N: No

Waste Type: 16 01 03 End Of Life Tyres

Sic Code: 42990

Skip Price:
Permit:
Extras:
VAT:
Total:

Payment Type: Account
Weight: Tonnes

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.
We agree the container was delivered in good condition and accept the conditions of hire as stated overleaf.

Drivers Signature:

Drivers Print: P. Yates

Waste Producers Signature:

Waste Producers Print:

W. LEESON & SON

DELIVERY NOTE/RECEIPT

Moss Lane, Off Sharp Street, Walkden, Manchester M28 3LY
Tel: 0161 790 7888
Email: contact@wleesonandson.com Website: wleesonandson.com

Waste Carrier Registration No. CB/DU100836
VAT No: 305 6684 54

DUTY OF CARE WASTE TRANSFER NOTE

Waste Disposal Licence No.
EAWML 50114
Issued by the Environment Agency

Date: 16/04/2021

Time:

Ticket No. 102422

Customer/Waste Transferer: Henry Constuction Projects
Victoria Riverside
Dantzic Street
Manchester
M4 4DD

Contact No. Martin 07971648116

Transfer Details
W LEESON & SON
Place of Transfer
Moss Lane
Off Sharp Street
Walkden
Manchester M28 3LY

Order No.:

Vehicle Reg: GN 20 XPB

Notes:

Movement Type: Collect

Skip Type: 20 Yard RoRo

Permit Y/N: No

Waste Type: 16 01 03 End Of Life Tyres

Sic Code: 42990

Skip Price
Permit
Extras
VAT
Total

Payment Type: Account
Weight: Tonnes

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.
We agree the container was delivered in good condition and accept the conditions of hire as stated overleaf.

Drivers Signature: P Yates

Drivers Print:

Waste Producers Signature:

Waste Producers Print:

Skips MUST only be filled level.

W. LEESON & SON

DELIVERY NOTE/RECEIPT

Moss Lane, Off Sharp Street, Walkden, Manchester M28 3LY
Tel: 0161 790 7888
Email: contact@wleesonandson.com Website: wleesonandson.com

Waste Carrier Registration No. CB/DU100836
VAT No: 305 6684 54

DUTY OF CARE WASTE TRANSFER NOTE

Waste Disposal Licence No.
EAWML 50114
Issued by the Environment Agency

Date: 28/04/2021

Time:

Ticket No. 102743

Customer/Waste Transferer: Henry Constuction Projects
Victoria Riverside
Dantzic Street
Manchester
M4 4DD

Contact No. Martin 07971648116

Transfer Details
W LEESON & SON
Place of Transfer
Moss Lane
Off Sharp Street
Walkden
Manchester M28 3LY

Order No.:

Vehicle Reg: DE 64 XZO

Notes:

Movement Type: Exchange

Skip Type: 8 Yard

Permit Y/N: No

Waste Type: 17 09 04 Mixed

Sic Code: 42990

Skip Price
Permit
Extras
VAT
Total

Payment Type: Account
Weight: Tonnes

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.
We agree the container was delivered in good condition and accept the conditions of hire as stated overleaf.

Drivers Signature: T Cunningham

Drivers Print:

Waste Producers Signature:

Waste Producers Print:

W. LEESON & SON

DELIVERY NOTE/RECEIPT

Moss Lane, Off Sharp Street, Walkden, Manchester M28 3LY
Tel: 0161 790 7888
Email: contact@wleesonandson.com Website: wleesonandson.com

Waste Carrier Registration No. CB/DU100836
VAT No: 305 6684 54

DUTY OF CARE WASTE TRANSFER NOTE

Waste Disposal Licence No.
EAWML 50114
Issued by the Environment Agency

Date 05/05/2021

Time

Ticket No. 102971

Customer/Waste Transferer: Henry Constuction Projects
Victoria Riverside
Dantzic Street
Manchester
M4 4DD

Contact No. Martin 07971648116

Transfer Details
W LEESON & SON
Place of Transfer
Moss Lane
Off Sharp Street
Walkden
Manchester M28 3LY

Order No.

Vehicle Reg DE 64 XZO

Notes

Movement Type: Exchange

Skip Type: 8 Yard

Permit Y/N: No

Waste Type: 17 09 04 Mixed

Sic Code: 42990

Skip Price
Permit
Extras
VAT
Total

Payment Type: Account
Weight: Tonnes

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.
We agree the container was delivered in good condition and accept the conditions of hire as stated overleaf.

Drivers Signature: T Cunningham

Drivers Print

Waste Producers Signature

Waste Producers Print

Skips MUST only be filled level.

W. LEESON & SON

DELIVERY NOTE/RECEIPT

Moss Lane, Off Sharp Street, Walkden, Manchester M28 3LY
Tel: 0161 790 7888
Email: contact@wleesonandson.com Website: wleesonandson.com

Waste Carrier Registration No. CB/DU100836
VAT No: 305 6684 54

DUTY OF CARE WASTE TRANSFER NOTE

Waste Disposal Licence No.
EAWML 50114
Issued by the Environment Agency

Date 06/05/2021

Time

Ticket No. 103122

Customer/Waste Transferer: Henry Constuction Projects
Victoria Riverside
Dantzic Street
Manchester
M4 4DD

Contact No. Martin 07971648116

Transfer Details
W LEESON & SON
Place of Transfer
Moss Lane
Off Sharp Street
Walkden
Manchester M28 3LY

Order No.

Vehicle Reg DE 64 XZO

Notes

Movement Type: Exchange

Skip Type: 8 Yard

Permit Y/N: No

Waste Type: 17 09 04 Mixed

Sic Code: 42990

Skip Price
Permit
Extras
VAT
Total

Payment Type: Account
Weight: Tonnes

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.
We agree the container was delivered in good condition and accept the conditions of hire as stated overleaf.

Drivers Signature: T Cunningham

Drivers Print

Waste Producers Signature

Waste Producers Print

W. LEESON & SON

DELIVERY NOTE/RECEIPT

Moss Lane, Off Sharp Street, Walkden, Manchester M28 3LY
Tel: 0161 790 7888
Email: contact@wleesonandson.com Website: wleesonandson.com

Waste Carrier Registration No. CB/DU100836
VAT No: 305 6684 54

DUTY OF CARE WASTE TRANSFER NOTE

Waste Disposal Licence No.
EAWML 50114
Issued by the Environment Agency

Date 17/05/2021

Time

Ticket No. 103358

Customer/Waste Transferer: Henry Constuction Projects
Victoria Riverside
Dantzic Street
Manchester
M4 4DD

Contact No. Martin 07971648116

Transfer Details: W LEESON & SON

Place of Transfer: Moss Lane
Off Sharp Street
Walkden
Manchester M28 3LY

Order No.

Vehicle Reg: DE 64 XZO

Notes

Movement Type: Exchange

Skip Type: 8 Yard

Permit Y/N: No

Waste Type: 17 09 04 Mixed

Sic Code: 42990

Skip Price
Permit
Extras
VAT
Total

Payment Type: Account
Weight: Tonnes

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.
We agree the container was delivered in good condition and accept the conditions of hire as stated overleaf.

Drivers Signature: T Cunningham

Drivers Print

Waste Producers Signature

Waste Producers Print

Skips MUST only be filled level.

W. LEESON & SON

DELIVERY NOTE/RECEIPT

Moss Lane, Off Sharp Street, Walkden, Manchester M28 3LY
Tel: 0161 790 7888
Email: contact@wleesonandson.com Website: wleesonandson.com

Waste Carrier Registration No. CB/DU100836
VAT No: 305 6684 54

DUTY OF CARE WASTE TRANSFER NOTE

Waste Disposal Licence No.
EAWML 50114
Issued by the Environment Agency

Date 21/05/2021

Time

Ticket No. 103648

Customer/Waste Transferer: Henry Constuction Projects
Victoria Riverside
Dantzic Street
Manchester
M4 4DD

Contact No. Martin 07971648116

Transfer Details: W LEESON & SON

Place of Transfer: Moss Lane
Off Sharp Street
Walkden
Manchester M28 3LY

Order No.

Vehicle Reg: DE 64 XZO

Notes

Movement Type: Exchange

Skip Type: 8 Yard

Permit Y/N: No

Waste Type: 17 09 04 Mixed

Sic Code: 42990

Skip Price
Permit
Extras
VAT
Total

Payment Type: Account
Weight: Tonnes

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.
We agree the container was delivered in good condition and accept the conditions of hire as stated overleaf.

Drivers Signature: T Cunningham

Drivers Print

Waste Producers Signature

Waste Producers Print

W. LEESON & SON

DELIVERY NOTE/RECEIPT

Moss Lane, Off Sharp Street, Walkden, Manchester M28 3LY
Tel: 0161 790 7888
Email: contact@wleesonandson.com Website: wleesonandson.com

Waste Carrier Registration No. CB/DU100836
VAT No: 305 6684 54

DUTY OF CARE WASTE TRANSFER NOTE

Waste Disposal Licence No.
EAWML 50114
Issued by the Environment Agency

Date: 24/05/2021

Time:

Ticket No.: 103818

Customer/Waste Transferer: Henry Constuction Projects
Victoria Riverside
Dantzic Street
Manchester
M4 4DD

Contact No.: Martin
07971648116

Transfer Details
W LEESON & SON
Place of Transfer
Moss Lane
Off Sharp Street
Walkden
Manchester M28 3LY

Order No.:

Vehicle Reg: RX 07 JSU

Notes:

Movement Type: Exchange

Skip Type: 8 Yard

Permit Y/N: No

Waste Type: 17 09 04
Mixed

Sic Code: 42990

Skip Price
Permit
Extras
VAT
Total

Payment Type: Account
Weight: Tonnes

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.
We agree the container was delivered in good condition and accept the conditions of hire as stated overleaf.

Drivers Signature:

Drivers Print: Darren

Waste Producers Signature: CV 19

Waste Producers Print:

Skips MUST only be filled level.

W. LEESON & SON

DELIVERY NOTE/RECEIPT

Moss Lane, Off Sharp Street, Walkden, Manchester M28 3LY
Tel: 0161 790 7888
Email: contact@wleesonandson.com Website: wleesonandson.com

Waste Carrier Registration No. CB/DU100836
VAT No: 305 6684 54

DUTY OF CARE WASTE TRANSFER NOTE

Waste Disposal Licence No.
EAWML 50114
Issued by the Environment Agency

Date: 26/05/2021

Time:

Ticket No.: 103873

Customer/Waste Transferer: Henry Constuction Projects
Victoria Riverside
Dantzic Street
Manchester
M4 4DD

Contact No.: Martin
07971648116

Transfer Details
W LEESON & SON
Place of Transfer
Moss Lane
Off Sharp Street
Walkden
Manchester M28 3LY

Order No.: P1294/00022

Vehicle Reg: RX 07 JSU

Notes:

Movement Type: Exchange

Skip Type: 8 Yard

Permit Y/N: No

Waste Type: 17 09 04
Mixed

Sic Code: 42990

Skip Price
Permit
Extras
VAT
Total

Payment Type: Account
Weight: Tonnes

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.
We agree the container was delivered in good condition and accept the conditions of hire as stated overleaf.

Drivers Signature:

Drivers Print: Darren

Waste Producers Signature:

Waste Producers Print:

W. LEESON & SON

DELIVERY NOTE/RECEIPT

Moss Lane, Off Sharp Street, Walkden, Manchester M28 3LY
Tel: 0161 790 7888
Email: contact@wleesonandson.com Website: wleesonandson.com

Waste Carrier Registration No. CB/DU100836
VAT No: 305 6684 54

DUTY OF CARE WASTE TRANSFE. NOTE

Waste Disposal Licence No. EAWML 50114
Issued by the Environment Agency

Date 02/06/2021

Time

Ticket No. 104018

Customer/Waste Transferer: Henry Constuction Projects
Victoria Riverside
Dantzic Street
Manchester
M4 4DD

Contact No. 07391238571 Martin/Dave 07971648116

Transfer Details: W LEESON & SON

Place of Transfer: Moss Lane
Off Sharp Street
Walkden
Manchester M28 3LY

Order No.

Vehicle Reg: RX 07 JSU

Notes

Movement Type: Exchange

Skip Type: 8 Yard

Permit Y/N: No

Waste Type: 17 09 04 Mixed

Sic Code: 42990

Skip Price
Permit
Extras
VAT
Total

Payment Type: Account
Weight: Tonnes

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.
We agree the container was delivered in good condition and accept the conditions of hire as stated overleaf.

Drivers Signature

Drivers Print

Waste Producers Signature

Waste Producers Print

Skips MUST only be filled level.

W. LEESON & SON

DELIVERY NOTE/RECEIPT

Moss Lane, Off Sharp Street, Walkden, Manchester M28 3LY
Tel: 0161 790 7888
Email: contact@wleesonandson.com Website: wleesonandson.com

Waste Carrier Registration No. CB/DU100836
VAT No: 305 6684 54

DUTY OF CARE WASTE TRANSFE NOTE

Waste Disposal Licence No. EAWML 50114
Issued by the Environment Agency

Date 16/06/2021

Time

Ticket No. 104654

Customer/Waste Transferer: Henry Constuction Projects
Victoria Riverside
Dantzic Street
Manchester
M4 4DD

Contact No. 07391238571 Martin/Dave 07971648116

Transfer Details: W LEESON & SON

Place of Transfer: Moss Lane
Off Sharp Street
Walkden
Manchester M28 3LY

Order No.

Vehicle Reg: DE 64 XZO

Notes

Movement Type: Exchange

Skip Type: 8 Yard

Permit Y/N: No

Waste Type: 17 09 04 Mixed

Sic Code: 42990

Skip Price
Permit
Extras
VAT
Total

Payment Type: Account
Weight: Tonnes

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.
We agree the container was delivered in good condition and accept the conditions of hire as stated overleaf.

Drivers Signature

Drivers Print

Waste Producers Signature

Waste Producers Print

W. LEESON & SON

DELIVERY NOTE/RECEIPT

Moss Lane, Off Sharp Street, Walkden, Manchester M28 3LY
Tel: 0161 790 7888
Email: contact@wleesonandson.com Website: wleesonandson.com

Waste Carrier Registration No. CB/DU100836
VAT No: 305 6684 54

DUTY OF CARE WASTE TRANSFER NOTE

Waste Disposal Licence No.
EAWML 50114
Issued by the Environment Agency

Date: 24/06/2021

Time:

Ticket No.: 104847

Customer/Waste Transferer: Henry Constuction Projects
Victoria Riverside
Dantzic Street
Manchester
M4 4DD

Contact No.: 07391238571 Martin/Dave 07971648116

Transfer Details
Place of Transfer
W LEESON & SON
Moss Lane
Off Sharp Street
Walkden
Manchester M28 3LY

Order No.:

Vehicle Reg: RX 07 JSU

Notes:

Movement Type: Exchange

Skip Type: 8 Yard

Permit Y/N: No

Waste Type: 17 09 04 Mixed

Sic Code: 42990

Skip Price
Permit
Extras
VAT
Total

Payment Type: Account
Weight: Tonnes

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.
We agree the container was delivered in good condition and accept the conditions of hire as stated overleaf.

Drivers Signature:

Drivers Print: Darren

Waste Producers Signature:

Waste Producers Print: P Hynes

Skips MUST only be filled level.

Appendix M Waste Transfer Notes (LoW Code 16 01 03).

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W. LEESON & SON

DELIVERY NOTE/RECEIPT

Moss Lane, Off Sharp Street, Walkden, Manchester M28 3LY
Tel: 0161 790 7888
Email: contact@wleesonandson.com Website: wleesonandson.com

Waste Carrier Registration No. CB/DU100836
VAT No: 305 6684 54

DUTY OF CA[illegible] WASTE TRANSFE[illegible] NOTE

Waste Disposal Licence No.
EAWML 50114
Issued by the Environment Agency

Date 15/04/2021

Time

Ticket No. 102181

Customer/Waste Transferer
Henry Constuction Projects
Victoria Riverside
Dantzic Street
Manchester
M4 4DD

Contact No. Martin 07971648116

Transfer Details
W LEESON & SON

Place of Transfer
Moss Lane
Off Sharp Street
Walkden
Manchester M28 3LY

Order No.

Vehicle Reg GN 20 XPB

Notes

Movement Type Exchange

Skip Type 20 Yard RoRo

Permit Y / N No

Waste Type 16 01 03 End Of Life Tyres

Sic Code 42990

Skip Price
Permit
Extras
VAT
Total

Payment Type Account
Weight Tonnes

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.
We agree the container was delivered in good condition and accept the conditions of hire as stated overleaf.

Drivers Signature

Drivers Print P MATES

Waste Producers Signature

Waste Producers Print

Skips MUST only be filled level.

W. LEESON & SON

DELIVERY NOTE/RECEIPT

Moss Lane, Off Sharp Street, Walkden, Manchester M28 3LY
Tel: 0161 790 7888
Email: contact@wleesonandson.com Website: wleesonandson.com

Waste Carrier Registration No. CB/DU100836
VAT No: 305 6684 54

DUTY OF CARE WASTE TRANSFER NOTE

Waste Disposal Licence No.
EAWML 50114
Issued by the Environment Agency

Date: 16/04/2021

Time:

Ticket No. 102422

Customer/Waste Transferer: Henry Constuction Projects
Victoria Riverside
Dantzic Street
Manchester
M4 4DD

Contact No.: Martin
07971648116

Transfer Details

W LEESON & SON

Place of Transfer:
Moss Lane
Off Sharp Street
Walkden
Manchester M28 3LY

Order No.:

Vehicle Reg: GN 20 XPB

Notes:

Movement Type: Collect

Skip Type: 20 Yard RoRo

Permit Y/N: No

Waste Type: 16 01 03
End Of Life Tyres

Sic Code: 42990

Skip Price:
Permit:
Extras:
VAT:
Total:

Payment Type: Account
Weight: Tonnes

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.
We agree the container was delivered in good condition and accept the conditions of hire as stated overleaf.

Drivers Signature:

Drivers Print: P WATTS

Waste Producers Signature:

Waste Producers Print:

Skips MUST only be filled level.

Appendix N Waste Transfer Notes (LoW Code 17 05 04).

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McDONNELL HAULAGE LTD.

Collection / Delivery Note

Bulk Excavation • Demolition • Aggregates • Soils • Grab Hire • Tipper Hire
8 Walmersley Old Road, Bury. BL9 6SQ
Tel: 01706 564 095 Mob: 07968 090905
Email: mcdonnellhaulage@gmail.com

No: 5805
Date: 11.5.21

WCL No: CBDU46027 SIC CODE:

Customer: HENRY CON

Location: DANTZIC STREET M/C

Vehicle Reg: MK16 CSJ Driver Name: Lee

Vehicle Type:	8W TIPPER	6W GRAB	8W GRAB	OTHER
	✓			

Material: MOCK ACORN

Weight: Weight: TONNE / KG
Gross: _____ ARR _____ DEP _____ HR
Tare: _____ REASON FOR DELAY:
Net: _____

EWC Code:

Delays or waiting time:

Daywork:	Hours Worked:	Travel Time:	Total Time:

Consignee Signature: Time:

Print Name:

Conditions of Sale: it is essential that all written particulars entered above should be carefully checked by the consignee since this delivery note, once signed by the consignee represents formal acceptance of the material in good order and condition and subsequent complaints cannot be accepted. All complaints whether in respect of material or circumstance of delivery must be made to the driver of the vehicle and confirmed in writing direct to the company immediately

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McDONNELL HAULAGE LTD.

Collection / Delivery Note

Bulk Excavation • Demolition • Aggregates • Soils • Grab Hire • Tipper Hire

8 Walmersley Old Road, Bury. BL9 6SQ

Tel: 01706 564 095 Mob: 07968 090905

Email: mcdonnellhaulage@gmail.com

No: 3764

Date: 11.5.21

WCL No: CBDU46027 SIC CODE:

Customer: HENRY

Location: DANZIC ST

Vehicle Reg: PO17 UAL Driver Name: C FARRELL

Vehicle Type:	8W TIPPER	6W GRAB	8W GRAB	OTHER
	✓			

Material: SPOIL Weight: TONNE / KG

Gross: 1x8w ARR DEP HR

Tare: LOAD REASON FOR DELAY:

EWC Code: Net:

Delays or waiting time:

Daywork:	Hours Worked:	Travel Time:	Total Time:

Consignee Signature: Time:

Print Name:

Conditions of Sale: it is essential that all written particulars entered above should be carefully checked by the consignee since this delivery note, once signed by the consignee represents formal acceptance of the material in good order and condition and subsequent complaints cannot be accepted. All complaints whether in respect of material or circumstance of delivery must be made to the driver of the vehicle and confirmed in writing direct to the company immediately

(25)

McDONNELL HAULAGE LTD.

Collection / Delivery Note

Bulk Excavation • Demolition • Aggregates • Soils • Grab Hire • Tipper Hire

8 Walmersley Old Road, Bury. BL9 6SQ

Tel: 01706 564 095 Mob: 07968 090905

Email: mcdonnellhaulage@gmail.com

No: 5265

Date: 11/5/2021

WCL No: CBDU46027 SIC CODE:

Customer: Henry Construction

Location: Dantzic Street, Manchester

Vehicle Reg: PW21 KCJ. Driver Name: Jimmy

Vehicle Type:	8W TIPPER	6W GRAB	8W GRAB	OTHER
	✓			

Material: Weight: Weight: TONNE / KG

muck Gross: 18X4 4000 of Muck - Jimmy

ARR DEP HR

Tare: REASON FOR DELAY:

EWC Code: Net:

Delays or waiting time:

Daywork:	Hours Worked:	Travel Time:	Total Time:

Consignee Signature: Time:

Print Name:

Conditions of Sale: it is essential that all written particulars entered above should be carefully checked by the consignee since this delivery note, once signed by the consignee represents formal acceptance of the material in good order and condition and subsequent complaints cannot be accepted. All complaints whether in respect of material or circumstance of delivery must be made to the driver of the vehicle and confirmed in writing direct to the company immediately

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McDONNELL HAULAGE LTD.

Collection / Delivery Note

Bulk Excavation • Demolition • Aggregates • Soils • Grab Hire • Tipper Hire

8 Walmersley Old Road, Bury. BL9 6SQ

Tel: 01706 564 095 Mob: 07968 090905

Email: mcdonnellhaulage@gmail.com

No: 5745

Date: 11/5/21

WCL No: CBDU46027 SIC CODE:

Customer: HENRY CONSTRUCTION

Location: DANTZIC ST

Vehicle Reg: PO17UGC Driver Name: B HAWTON

Vehicle Type:	8W TIPPER	6W GRAB	8W GRAB	OTHER
	✓			

Material: MUCK AWAY Weight: Gross: _____ Tare: _____ Net: _____ TONNE / KG

_____ ARR _____ DEP _____ HR

REASON FOR DELAY:

EWC Code:

Delays or waiting time: _____

Daywork:	Hours Worked:	Travel Time:	Total Time:

Consignee Signature: P Henry Time:

Print Name:

Conditions of Sale: it is essential that all written particulars entered above should be carefully checked by the consignee since this delivery note, once signed by the consignee represents formal acceptance of the material in good order and condition and subsequent complaints cannot be accepted. All complaints whether in respect of material or circumstance of delivery must be made to the driver of the vehicle and confirmed in writing direct to the company immediately

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McDONNELL HAULAGE LTD.

Collection / Delivery Note

Bulk Excavation • Demolition • Aggregates • Soils • Grab Hire • Tipper Hire

8 Walmersley Old Road, Bury. BL9 6SQ

Tel: 01706 564 095 Mob: 07968 090905

Email: mcdonnellhaulage@gmail.com

No: 5977

Date: 11-5-21

WCL No: CBDU46027 SIC CODE:

Customer: HENRY

Location: Domestic. ST. M/CR

Vehicle Reg: YD16ERZ Driver Name: Ed

Vehicle Type:

8W TIPPER		6W GRAB		8W GRAB		OTHER	

Material: spoil

Weight: Gross: 1 X 8 600 ARR _____ DEP _____ HR

Tare: _____

Net: _____

TONNE / KG

REASON FOR DELAY: TIP

EWC Code:

Delays or waiting time:

Daywork:	Hours Worked:	Travel Time:	Total Time:

Consignee Signature: P Hughes Time:

Print Name:

Conditions of Sale: it is essential that all written particulars entered above should be carefully checked by the consignee since this delivery note, once signed by the consignee represents formal acceptance of the material in good order and condition and subsequent complaints cannot be accepted. All complaints whether in respect of material or circumstance of delivery must be made to the driver of the vehicle and confirmed in writing direct to the company immediately

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McDONNELL HAULAGE LTD.

Collection / Delivery Note

Bulk Excavation • Demolition • Aggregates • Soils • Grab Hire • Tipper Hire

8 Walmersley Old Road, Bury. BL9 6SQ
Tel: 01706 564 095 Mob: 07968 090905
Email: mcdonnellhaulage@gmail.com

No: 2498

Date: 10 05 21

WCL No: CBDU46027 SIC CODE:

Customer: henry const

Location: Dantzic St Mor

Vehicle Reg: PN21KCK Driver Name: MC

Vehicle Type:	8W TIPPER	6W GRAB	8W GRAB	OTHER

Material: Weight: TONNE / KG

XJ 6C

MUCK

Gross: _____ _____ ARR _____ DEP _____ HR

Tare: _____ REASON FOR DELAY:

EWC Code: Net: _____

Delays or waiting time: _____

Daywork:	Hours Worked:	Travel Time:	Total Time:

Consignee Signature: P Hughes Time:

Print Name:

Conditions of Sale: it is essential that all written particulars entered above should be carefully checked by the consignee since this delivery note, once signed by the consignee represents formal acceptance of the material in good order and condition and subsequent complaints cannot be accepted. All complaints whether in respect of material or circumstance of delivery must be made to the driver of the vehicle and confirmed in writing direct to the company immediately

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McDONNELL HAULAGE LTD.

Collection / Delivery Note

Bulk Excavation • Demolition • Aggregates • Soils • Grab Hire • Tipper Hire

8 Walmersley Old Road, Bury. BL9 6SQ

Tel: 01706 564 095 Mob: 07968 090905

Email: mcdonnellhaulage@gmail.com

No: 3763

Date: 11.5.21

WCL No: CBDU46027 SIC CODE:

Customer: HENRY

Location: DANZIC ST

Vehicle Reg: P017 UAL Driver Name: C. FARRELL

Vehicle Type:	8W TIPPER	6W GRAB	8W GRAB	OTHER
	✓			

Material: SOIL Weight: TONNE / KG

Gross: 1x8w ARR DEP HR

Tare: LOAD REASON FOR DELAY:

EWC Code: Net:

Delays or waiting time:

Daywork:	Hours Worked:	Travel Time:	Total Time:

Consignee Signature: P Hughes Time:

Print Name:

Conditions of Sale: it is essential that all written particulars entered above should be carefully checked by the consignee since this delivery note, once signed by the consignee represents formal acceptance of the material in good order and condition and subsequent complaints cannot be accepted. All complaints whether in respect of material or circumstance of delivery must be made to the driver of the vehicle and confirmed in writing direct to the company immediately

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McDONNELL HAULAGE LTD.

Collection / Delivery Note

Bulk Excavation • Demolition • Aggregates • Soils • Grab Hire • Tipper Hire

8 Walmersley Old Road, Bury. BL9 6SQ

Tel: 01706 564 095 Mob: 07968 090905

Email: mcdonnellhaulage@gmail.com

No: 5803

Date: 11.5.21

WCL No: CBDU46027 SIC CODE:

Customer: HONRY COW

Location: DANZIC STROOT N/C

Vehicle Reg: MC16 CSJ Driver Name:

Vehicle Type:

8W TIPPER	6W GRAB	8W GRAB	OTHER
✓			

Material: MUCK AWAY

Weight: Weight: TONNE / KG

Gross: _____ ARR _____ DEP _____ HR

Tare: _____ REASON FOR DELAY:

EWC Code: Net: _____

Delays or waiting time: _____

Daywork:	Hours Worked:	Travel Time:	Total Time:

Consignee Signature: Time:

Print Name:

Conditions of Sale: it is essential that all written particulars entered above should be carefully checked by the consignee since this delivery note, once signed by the consignee represents formal acceptance of the material in good order and condition and subsequent complaints cannot be accepted. All complaints whether in respect of material or circumstance of delivery must be made to the driver of the vehicle and confirmed in writing direct to the company immediately

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McDONNELL HAULAGE LTD.

Collection / Delivery Note

Bulk Excavation • Demolition • Aggregates • Soils • Grab Hire • Tipper Hire

8 Walmersley Old Road, Bury. BL9 6SQ

Tel: 01706 564 095 Mob: 07968 090905

Email: mcdonnellhaulage@gmail.com

No: 5264

Date: 11/5/2021

WCL No: CBDU46027 SIC CODE:

Customer: Henry, Constructions

Location: Dart

Vehicle Reg: Rockets Driver Name: Vinny

Vehicle Type:	8W TIPPER		6W GRAB		8W GRAB		OTHER	

Material: Weight: Weight: TONNE / KG

muck Gross: 18x4 loads of muck away ARR DEP HR

Tare: REASON FOR DELAY:

EWC Code: Net:

Delays or waiting time:

Daywork:	Hours Worked:	Travel Time:	Total Time:

Consignee Signature: Time:

Print Name:

Conditions of Sale: it is essential that all written particulars entered above should be carefully checked by the consignee since this delivery note, once signed by the consignee represents formal acceptance of the material in good order and condition and subsequent complaints cannot be accepted. All complaints whether in respect of material or circumstance of delivery must be made to the driver of the vehicle and confirmed in writing direct to the company immediately

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McDONNELL HAULAGE LTD.

Collection / Delivery Note

Bulk Excavation • Demolition • Aggregates • Soils • Grab Hire • Tipper Hire

8 Walmersley Old Road, Bury. BL9 6SQ

Tel: 01706 564 095 Mob: 07968 090905

Email: mcdonnellhaulage@gmail.com

No: 5744

Date: 11/5/21

WCL No: CBDU46027 SIC CODE:

Customer: HENRY CONSTRUCTION

Location: DANTZIC ST

Vehicle Reg: PO17 UGE Driver Name: B NEWTON

Vehicle Type:	8W TIPPER		6W GRAB		8W GRAB		OTHER	
	✓							

Material: MUCK AWAY Weight: Weight: TONNE / KG

Gross: _____ _____ ARR _____ DEP _____ HR

Tare: _____ REASON FOR DELAY:

EWC Code: Net: _____

Delays or waiting time: _____

Daywork:	Hours Worked:	Travel Time:	Total Time:

Consignee Signature: Time:

Print Name:

Conditions of Sale: it is essential that all written particulars entered above should be carefully checked by the consignee since this delivery note, once signed by the consignee represents formal acceptance of the material in good order and condition and subsequent complaints cannot be accepted. All complaints whether in respect of material or circumstance of delivery must be made to the driver of the vehicle and confirmed in writing direct to the company immediately

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McDONNELL HAULAGE LTD.

Collection / Delivery Note

Bulk Excavation • Demolition • Aggregates • Soils • Grab Hire • Tipper Hire

8 Walmersley Old Road, Bury. BL9 6SQ

Tel: 01706 564 095 Mob: 07968 090905

Email: mcdonnellhaulage@gmail.com

No: 2497

Date: 10 05.21

WCL No: CBDU46027 SIC CODE:

Customer: henry const

Location: DONEZIC ST MCR

Vehicle Reg: PH21KKK Driver Name: MC

Vehicle Type:

8W TIPPER	/	6W GRAB		8W GRAB		OTHER	

Material: X1 SCU MIXED ALUM

Weight: TONNE / KG

Gross: _____ _____ ARR _____ DEP _____ HR

Tare: _____ REASON FOR DELAY:

EWC Code: Net: _____

Delays or waiting time: _____

Daywork:	Hours Worked:	Travel Time:	Total Time:

Consignee Signature: P Mulgrew Time:

Print Name:

Conditions of Sale: it is essential that all written particulars entered above should be carefully checked by the consignee since this delivery note, once signed by the consignee represents formal acceptance of the material in good order and condition and subsequent complaints cannot be accepted. All complaints whether in respect of material or circumstance of delivery must be made to the driver of the vehicle and confirmed in writing direct to the company immediately

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McDONNELL HAULAGE LTD.

Collection / Delivery Note

Bulk Excavation • Demolition • Aggregates • Soils • Grab Hire • Tipper Hire

8 Walmersley Old Road, Bury. BL9 6SQ

Tel: 01706 564 095 Mob: 07968 090905

Email: mcdonnellhaulage@gmail.com

No: 3762

Date: 11.5.21

WCL No: CBDU46027 SIC CODE:

Customer: HENRY

Location: DANZIC ST

Vehicle Reg: PO17 UAL Driver Name: C.FARRELL

Vehicle Type:	8W TIPPER	6W GRAB	8W GRAB	OTHER
	✓			

Material: SPOIL Weight: TONNE / KG

Gross: 1×8w ARR DEP HR

Tare: LOAD REASON FOR DELAY:

EWC Code: Net:

Delays or waiting time:

Daywork:	Hours Worked:	Travel Time:	Total Time:

Consignee Signature: P Hughes Time:

Print Name:

Conditions of Sale: it is essential that all written particulars entered above should be carefully checked by the consignee since this delivery note, once signed by the consignee represents formal acceptance of the material in good order and condition and subsequent complaints cannot be accepted. All complaints whether in respect of material or circumstance of delivery must be made to the driver of the vehicle and confirmed in writing direct to the company immediately

(15)

McDONNELL HAULAGE LTD.

Collection / Delivery Note

Bulk Excavation • Demolition • Aggregates • Soils • Grab Hire • Tipper Hire

8 Walmersley Old Road, Bury. BL9 6SQ

Tel: 01706 564 095 Mob: 07968 090905

Email: mcdonnellhaulage@gmail.com

No: 5802

Date: 11.5.21

WCL No: CBDU46027 SIC CODE:

Customer: Howry Con

Location: DANZIC STREET M/C

Vehicle Reg: MW6 CSJ Driver Name: Lee

Vehicle Type:	8W TIPPER	6W GRAB	8W GRAB	OTHER
	✓			

Material: Mech AWAY

Weight: Weight: TONNE / KG

Gross: _____ ARR _____ DEP _____ HR

Tare: _____ REASON FOR DELAY:

EWC Code: Net: _____

Delays or waiting time: _____

Daywork:	Hours Worked:	Travel Time:	Total Time:

Consignee Signature: P Hughes Time:

Print Name:

Conditions of Sale: it is essential that all written particulars entered above should be carefully checked by the consignee since this delivery note, once signed by the consignee represents formal acceptance of the material in good order and condition and subsequent complaints cannot be accepted. All complaints whether in respect of material or circumstance of delivery must be made to the driver of the vehicle and confirmed in writing direct to the company immediately

(14)

McDONNELL HAULAGE LTD.

Collection / Delivery Note

Bulk Excavation • Demolition • Aggregates • Soils • Grab Hire • Tipper Hire

8 Walmersley Old Road, Bury. BL9 6SQ

Tel: 01706 564 095 Mob: 07968 090905

Email: mcdonnellhaulage@gmail.com

No: 5975

Date: 11-5-21

WCL No: CBDU46027 SIC CODE:

Customer: HENRY

Location: Domestic ST

Vehicle Reg: YD16RRZ. Driver Name: Ed

Vehicle Type:	8W TIPPER		6W GRAB		8W GRAB		OTHER	

Material: spoil

Weight: Weight: TONNE / KG

Gross: 1X8 load ARR _____ DEP _____ HR

Tare: _____ REASON FOR DELAY: Tip

EWC Code: Net: _____

Delays or waiting time: _____

Daywork:	Hours Worked:	Travel Time:	Total Time:

Consignee Signature: P Hughes Time:

Print Name:

Conditions of Sale: it is essential that all written particulars entered above should be carefully checked by the consignee since this delivery note, once signed by the consignee represents formal acceptance of the material in good order and condition and subsequent complaints cannot be accepted. All complaints whether in respect of material or circumstance of delivery must be made to the driver of the vehicle and confirmed in writing direct to the company immediately

(3)

McDONNELL HAULAGE LTD.

Collection / Delivery Note

Bulk Excavation • Demolition • Aggregates • Soils • Grab Hire • Tipper Hire

8 Walmersley Old Road, Bury. BL9 6SQ

Tel: 01706 564 095 Mob: 07968 090905

Email: mcdonnellhaulage@gmail.com

No: 5743

Date 11/5/21

WCL No: CBDU46027 SIC CODE:

Customer: HENRY CONSTRUCTION

Location: DANTZIC St

Vehicle Reg: P01 UGL Driver Name: B HAWKEN

Vehicle Type:	8W TIPPER	6W GRAB	8W GRAB	OTHER
	✓			

Material: MUCK AWAY Weight: Gross: Tare: Net: TONNE / KG

_____ ARR _____ DEP _____ HR

REASON FOR DELAY:

EWC Code:

Delays or waiting time:

Daywork:	Hours Worked:	Travel Time:	Total Time:

Consignee Signature: Time:

Print Name:

Conditions of Sale: it is essential that all written particulars entered above should be carefully checked by the consignee since this delivery note, once signed by the consignee represents formal acceptance of the material in good order and condition and subsequent complaints cannot be accepted. All complaints whether in respect of material or circumstance of delivery must be made to the driver of the vehicle and confirmed in writing direct to the company immediately

(12)

McDONNELL HAULAGE LTD.

Collection / Delivery Note

Bulk Excavation • Demolition • Aggregates • Soils • Grab Hire • Tipper Hire

8 Walmersley Old Road, Bury. BL9 6SQ

Tel: 01706 564 095 Mob: 07968 090905

Email: mcdonnellhaulage@gmail.com

No: 5973

Date: 11-5-24

WCL No: CBDU46027 SIC CODE:

Customer: HRRRX

Location: Domestic ST

Vehicle Reg: YD16RRZ Driver Name: Ed

Vehicle Type:	8W TIPPER		6W GRAB		8W GRAB		OTHER	

Material: Weight: Weight: TONNE / KG 1X8 Sod

Soil Gross: _____ ARR _____ DEP _____ HR

Tare: _____ REASON FOR DELAY:

EWC Code: Net: _____ TIP

Delays or waiting time: _____

Daywork:	Hours Worked:	Travel Time:	Total Time:

Consignee Signature: P Hughes. Time:

Print Name:

Conditions of Sale: it is essential that all written particulars entered above should be carefully checked by the consignee since this delivery note, once signed by the consignee represents formal acceptance of the material in good order and condition and subsequent complaints cannot be accepted. All complaints whether in respect of material or circumstance of delivery must be made to the driver of the vehicle and confirmed in writing direct to the company immediately

(11)

McDONNELL HAULAGE LTD.

Collection / Delivery Note

Bulk Excavation • Demolition • Aggregates • Soils • Grab Hire • Tipper Hire

8 Walmersley Old Road, Bury. BL9 6SQ

Tel: 01706 564 095 Mob: 07968 090905

Email: mcdonnellhaulage@gmail.com

No: 2496

Date: 10 05 21

WCL No: CBDU46027 SIC CODE:

Customer: henry conse

Location: Domestic ST M02

Vehicle Reg: PN21 KCK Driver Name: MC

Vehicle Type:

8W TIPPER	6W GRAB	8W GRAB	OTHER
/			

Material: X1 SCR MIXED RUBBISH

Weight: TONNE / KG

Gross: _____ _____ ARR _____ DEP _____ HR

Tare: _____ REASON FOR DELAY:

EWC Code: Net: _____

Delays or waiting time: _____

Daywork:	Hours Worked:	Travel Time:	Total Time:

Consignee Signature: P Hughes Time: _____

Print Name: _____

Conditions of Sale: it is essential that all written particulars entered above should be carefully checked by the consignee since this delivery note, once signed by the consignee represents formal acceptance of the material in good order and condition and subsequent complaints cannot be accepted. All complaints whether in respect of material or circumstance of delivery must be made to the driver of the vehicle and confirmed in writing direct to the company immediately

McDONNELL HAULAGE LTD.

Collection / Delivery Note

Bulk Excavation • Demolition • Aggregates • Soils • Grab Hire • Tipper Hire

8 Walmersley Old Road, Bury. BL9 6SQ
Tel: 01706 564 095 Mob: 07968 090905
Email: mcdonnellhaulage@gmail.com

No: 3761

Date: 11.5.21

WCL No: CBDU46027 SIC CODE:

Customer: HENRY

Location: DANZIC ST

Vehicle Reg: P017 UAL Driver Name: C.FARRELL

Vehicle Type:	8W TIPPER	6W GRAB	8W GRAB	OTHER
	✓			

Material: SPOIL

Weight: TONNE / KG

Gross: 1x8W

Tare: LOAD

Net:

ARR DEP HR

REASON FOR DELAY:

EWC Code:

Delays or waiting time:

Daywork:	Hours Worked:	Travel Time:	Total Time:

Consignee Signature: P Hyer Time:

Print Name:

Conditions of Sale: it is essential that all written particulars entered above should be carefully checked by the consignee since this delivery note, once signed by the consignee represents formal acceptance of the material in good order and condition and subsequent complaints cannot be accepted. All complaints whether in respect of material or circumstance of delivery must be made to the driver of the vehicle and confirmed in writing direct to the company immediately

McDONNELL HAULAGE LTD.

Collection / Delivery Note

Bulk Excavation • Demolition • Aggregates • Soils • Grab Hire • Tipper Hire

8 Walmersley Old Road, Bury. BL9 6SQ

Tel: 01706 564 095 Mob: 07968 090905

Email: mcdonnellhaulage@gmail.com

No: 14999

Date: 14.5.21

WCL No: CBDU46027 SIC CODE:

Customer: Howard Cox

Location: DANZIC STREET M/C

Vehicle Reg: ML16 CSO Driver Name: Lee

Vehicle Type:

8W TIPPER		6W GRAB		8W GRAB		OTHER	
✓							

Material: Mock AWA/

Weight: Weight: TONNE / KG

Gross: _____ _____ ARR _____ DEP _____ HR

Tare: _____ REASON FOR DELAY:

EWC Code: Net: _____

Delays or waiting time: _____

Daywork:	Hours Worked:	Travel Time:	Total Time:

Consignee Signature: Time:

Print Name:

Conditions of Sale: it is essential that all written particulars entered above should be carefully checked by the consignee since this delivery note, once signed by the consignee represents formal acceptance of the material in good order and condition and subsequent complaints cannot be accepted. All complaints whether in respect of material or circumstance of delivery must be made to the driver of the vehicle and confirmed in writing direct to the company immediately

(7)

McDONNELL HAULAGE LTD.

Collection / Delivery Note

Bulk Excavation • Demolition • Aggregates • Soils • Grab Hire • Tipper Hire

8 Walmersley Old Road, Bury. BL9 6SQ

Tel: 01706 564 095 Mob: 07968 090905

Email: mcdonnellhaulage@gmail.com

No: 5972

Date: 11-5-21

WCL No: CBDU46027 SIC CODE:

Customer: HENRY

Location: DOMTIC ST

Vehicle Reg: YD16ERZ Driver Name: Ed

Vehicle Type:	8W TIPPER	✓	6W GRAB		8W GRAB		OTHER	

Material: spoil Weight: Weight: TONNE / KG

Gross: 1 X 8 WD TIP

Tare: REASON FOR DELAY:

EWC Code: Net:

ARR DEP HR

Delays or waiting time:

Daywork:	Hours Worked:	Travel Time:	Total Time:

Consignee Signature: P Myers Time:

Print Name:

Conditions of Sale: it is essential that all written particulars entered above should be carefully checked by the consignee since this delivery note, once signed by the consignee represents formal acceptance of the material in good order and condition and subsequent complaints cannot be accepted. All complaints whether in respect of material or circumstance of delivery must be made to the driver of the vehicle and confirmed in writing direct to the company immediately

(6)

McDONNELL HAULAGE LTD.

Collection / Delivery Note

Bulk Excavation • Demolition • Aggregates • Soils • Grab Hire • Tipper Hire

8 Walmersley Old Road, Bury. BL9 6SQ
Tel: 01706 564 095 Mob: 07968 090905
Email: mcdonnellhaulage@gmail.com

No: 2495

Date: 10 05 21

WCL No: CBDU46027 SIC CODE:

Customer: henry const

Location: Domezic St MCR

Vehicle Reg: PW21KCE Driver Name: MC

Vehicle Type:	8W TIPPER	✓	6W GRAB		8W GRAB		OTHER	

Material: 1 8W much Rubb

EWC Code:

Weight: TONNE / KG

Gross: _____ ARR _____ DEP _____ HR

Tare: _____ REASON FOR DELAY:

Net: _____

Delays or waiting time: _____

Daywork:	Hours Worked:	Travel Time:	Total Time:

Consignee Signature: P Hughes Time:

Print Name:

Conditions of Sale: it is essential that all written particulars entered above should be carefully checked by the consignee since this delivery note, once signed by the consignee represents formal acceptance of the material in good order and condition and subsequent complaints cannot be accepted. All complaints whether in respect of material or circumstance of delivery must be made to the driver of the vehicle and confirmed in writing direct to the company immediately

(5)

McDONNELL HAULAGE LTD.

Collection / Delivery Note

Bulk Excavation • Demolition • Aggregates • Soils • Grab Hire • Tipper Hire

8 Walmersley Old Road, Bury. BL9 6SQ

Tel: 01706 564 095 Mob: 07968 090905

Email: mcdonnellhaulage@gmail.com

No: 5262

Date: 11/5/2021

WCL No: CBDU46027 SIC CODE:

Customer: Hewey Construction

Location: Dantzic Street, Manchester

Vehicle Reg: PW21 KES Driver Name: Vinny

Vehicle Type:	8W TIPPER		6W GRAB		8W GRAB		OTHER	
		✓						

Material: muck

Weight: Weight: TONNE / KG

Gross: 18 kg Load of muck away ARR DEP HR

Tare: REASON FOR DELAY:

EWC Code: Net:

Delays or waiting time:

Daywork:	Hours Worked:	Travel Time:	Total Time:

Consignee Signature: P Hughes Time:

Print Name:

Conditions of Sale: it is essential that all written particulars entered above should be carefully checked by the consignee since this delivery note, once signed by the consignee represents formal acceptance of the material in good order and condition and subsequent complaints cannot be accepted. All complaints whether in respect of material or circumstance of delivery must be made to the driver of the vehicle and confirmed in writing direct to the company immediately

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McDONNELL HAULAGE LTD.

Collection / Delivery Note

Bulk Excavation • Demolition • Aggregates • Soils • Grab Hire • Tipper Hire

8 Walmersley Old Road, Bury. BL9 6SQ

Tel: 01706 564 095 Mob: 07968 090905

Email: mcdonnellhaulage@gmail.com

No: 5969

Date: 11-5-21

WCL No: CBDU46027 SIC CODE:

Customer: HENRY

Location: Domzic ST

Vehicle Reg: YD16ERZ. Driver Name: Ed

Vehicle Type:	8W TIPPER		6W GRAB		8W GRAB		OTHER	
		4						

Material: spoil

Weight: Weight: Gross: 1X8 Load TIP

TONNE / KG

ARR DEP HR

Tare:

REASON FOR DELAY:

EWC Code: Net:

Delays or waiting time:

Daywork:	Hours Worked:	Travel Time:	Total Time:

Consignee Signature: P Hughes Time:

Print Name:

Conditions of Sale: it is essential that all written particulars entered above should be carefully checked by the consignee since this delivery note, once signed by the consignee represents formal acceptance of the material in good order and condition and subsequent complaints cannot be accepted. All complaints whether in respect of material or circumstance of delivery must be made to the driver of the vehicle and confirmed in writing direct to the company immediately

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McDONNELL HAULAGE LTD.

Collection / Delivery Note

Bulk Excavation • Demolition • Aggregates • Soils • Grab Hire • Tipper Hire

8 Walmersley Old Road, Bury. BL9 6SQ
Tel: 01706 564 095 Mob: 07968 090905
Email: mcdonnellhaulage@gmail.com

No: 5363

Date: 11-5-21

WCL No: CBDU46027 SIC CODE:

Customer: HENRY

Location: DANTZIC ST

Vehicle Reg: BJ17 VNX Driver Name: TONY

Vehicle Type:	8W TIPPER ✓	6W GRAB	8W GRAB	OTHER

Material: SPOIL

Weight: Weight: TONNE / KG

Gross: 1x8W LOAD

Tare:

Net:

_____ ARR _____ DEP _____ HR

REASON FOR DELAY:

EWC Code:

Delays or waiting time:

Daywork:	Hours Worked:	Travel Time:	Total Time:

Consignee Signature: P Hughes Time:

Print Name:

Conditions of Sale: it is essential that all written particulars entered above should be carefully checked by the consignee since this delivery note, once signed by the consignee represents formal acceptance of the material in good order and condition and subsequent complaints cannot be accepted. All complaints whether in respect of material or circumstance of delivery must be made to the driver of the vehicle and confirmed in writing direct to the company immediately

(2)

McDONNELL HAULAGE LTD.

Collection / Delivery Note

Bulk Excavation • Demolition • Aggregates • Soils • Grab Hire • Tipper Hire

8 Walmersley Old Road, Bury. BL9 6SQ

Tel: 01706 564 095 Mob: 07968 090905

Email: mcdonnellhaulage@gmail.com

No: 4997

Date: 11-5-21

WCL No: CBDU46027 SIC CODE:

Customer: HONRY CON

Location: DANTZIC STREET M/C

Vehicle Reg: MU6 CSO Driver Name:

Vehicle Type:	8W TIPPER	6W GRAB	8W GRAB	OTHER
	✓			

Material: MACK AWAY Weight: Weight: TONNE / KG

Gross: _____ _____ ARR _____ DEP _____ HR

Tare: _____ REASON FOR DELAY:

EWC Code: Net: _____

Delays or waiting time: _____

Daywork:	Hours Worked:	Travel Time:	Total Time:

Consignee Signature: P Mug Time:

Print Name:

Conditions of Sale: it is essential that all written particulars entered above should be carefully checked by the consignee since this delivery note, once signed by the consignee represents formal acceptance of the material in good order and condition and subsequent complaints cannot be accepted. All complaints whether in respect of material or circumstance of delivery must be made to the driver of the vehicle and confirmed in writing direct to the company immediately

(1) 50

McDONNELL HAULAGE LTD.

Collection / Delivery Note

Bulk Excavation • Demolition • Aggregates • Soils • Grab Hire • Tipper Hire

8 Walmersley Old Road, Bury. BL9 6SQ

Tel: 01706 564 095 Mob: 07968 090905

Email: mcdonnellhaulage@gmail.com

No: 3760

Date: 11.5.21

WCL No: CBDU46027 SIC CODE:

Customer: HENRY

Location: DANTZIC ST

Vehicle Reg: P017 UAL Driver Name: C FARRELL

Vehicle Type:	8W TIPPER	6W GRAB	8W GRAB	OTHER
	✓			

Material: SPOIL Weight: TONNE / KG

Gross: 1×8W _____ ARR _____ DEP _____ HR

Tare: LOAD REASON FOR DELAY:

EWC Code: Net: _____

Delays or waiting time: _____

Daywork:	Hours Worked:	Travel Time:	Total Time:

Consignee Signature: P Hughes Time:

Print Name:

Conditions of Sale: it is essential that all written particulars entered above should be carefully checked by the consignee since this delivery note, once signed by the consignee represents formal acceptance of the material in good order and condition and subsequent complaints cannot be accepted. All complaints whether in respect of material or circumstance of delivery must be made to the driver of the vehicle and confirmed in writing direct to the company immediately

McDONNELL HAULAGE LTD.

Collection / Delivery Note

Bulk Excavation • Demolition • Aggregates • Soils • Grab Hire • Tipper Hire

8 Walmersley Old Road, Bury. BL9 6SQ

Tel: 01706 564 095 Mob: 07968 090905

Email: mcdonnellhaulage@gmail.com

No: 4849

Date: 10/05/21

WCL No: CBDU46027 SIC CODE:

Customer: henry const

Location: Domezic ST Mer

Vehicle Reg: DN3c kck Driver Name: MC

Vehicle Type:	8W TIPPER	6W GRAB	8W GRAB	OTHER
	/			

Material: Weight: Weight: TONNE / KG

XI 8cu muck Asps

Gross: _____ _____ ARR _____ DEP _____ HR

Tare: _____ REASON FOR DELAY:

EWC Code: Net: _____

Delays or waiting time: _____

Daywork:	Hours Worked:	Travel Time:	Total Time:

Consignee Signature: R Hughes Time:

Print Name:

Conditions of Sale: it is essential that all written particulars entered above should be carefully checked by the consignee since this delivery note, once signed by the consignee represents formal acceptance of the material in good order and condition and subsequent complaints cannot be accepted. All complaints whether in respect of material or circumstance of delivery must be made to the driver of the vehicle and confirmed in writing direct to the company immediately

(3)

McDONNELL HAULAGE LTD.

Collection / Delivery Note

Bulk Excavation • Demolition • Aggregates • Soils • Grab Hire • Tipper Hire

8 Walmersley Old Road, Bury. BL9 6SQ
Tel: 01706 564 095 Mob: 07968 090905
Email: mcdonnellhaulage@gmail.com

No: 5750
Date: 11/5/21

WCL No: CBDU46027 SIC CODE:

Customer: HENRY CONSTRUCTION

Location: DANTZIC ST

Vehicle Reg: P017 UGL Driver Name: B LAWTON

Vehicle Type:	8W TIPPER	6W GRAB	8W GRAB	OTHER
	✓			

Material: MUCK AWAY

Weight: Weight: TONNE / KG

Gross: _____ ARR _____ DEP _____ HR

Tare: _____ REASON FOR DELAY:

EWC Code: Net: _____

Delays or waiting time: _____

Daywork:	Hours Worked:	Travel Time:	Total Time:

Consignee Signature: P Hughes Time:

Print Name:

Conditions of Sale: it is essential that all written particulars entered above should be carefully checked by the consignee since this delivery note, once signed by the consignee represents formal acceptance of the material in good order and condition and subsequent complaints cannot be accepted. All complaints whether in respect of material or circumstance of delivery must be made to the driver of the vehicle and confirmed in writing direct to the company immediately

3

McDONNELL HAULAGE LTD.

Collection / Delivery Note

Bulk Excavation • Demolition • Aggregates • Soils • Grab Hire • Tipper Hire

8 Walmersley Old Road, Bury. BL9 6SQ

Tel: 01706 564 095 Mob: 07968 090905

Email: mcdonnellhaulage@gmail.com

No: 8651

Date: 11.05.21

WCL No: CBDU46027 SIC CODE:

Customer: HENRY CONST

Location: DANTZIC ST MANCHESTER

Vehicle Reg: EU16 GSV Driver Name: DAVID.

Vehicle Type:	8W TIPPER		6W GRAB		8W GRAB		OTHER	
		✓						

Material: MUCK AWAY

EWC Code:

Weight: TONNE / KG

Gross: 1 x 8 W LOAD TO TIP. ARR DEP HR

Tare: REASON FOR DELAY:

Net:

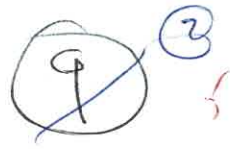
Delays or waiting time:

Daywork:	Hours Worked:	Travel Time:	Total Time:

Consignee Signature: P Hughes Time:

Print Name:

Conditions of Sale: it is essential that all written particulars entered above should be carefully checked by the consignee since this delivery note, once signed by the consignee represents formal acceptance of the material in good order and condition and subsequent complaints cannot be accepted. All complaints whether in respect of material or circumstance of delivery must be made to the driver of the vehicle and confirmed in writing direct to the company immediately



McDONNELL HAULAGE LTD.

Collection / Delivery Note

Bulk Excavation • Demolition • Aggregates • Soils • Grab Hire • Tipper Hire

8 Walmersley Old Road, Bury. BL9 6SQ

Tel: 01706 564 095 Mob: 07968 090905

Email: mcdonnellhaulage@gmail.com

No: 4846

Date: 11 05 21

WCL No: CBDU46027 SIC CODE:

Customer: henry conse

Location: Dankzic ST MCR

Vehicle Reg: PW21KLL Driver Name: MC

Vehicle Type:

8W TIPPER	/	6W GRAB		8W GRAB		OTHER	

Material: Weight: Weight: TONNE / KG

X1 SCR MUCK AWAY

Gross: _____ _____ ARR _____ DEP _____ HR

Tare: _____ REASON FOR DELAY:

EWC Code: Net: _____

Delays or waiting time: _____

Daywork:	Hours Worked:	Travel Time:	Total Time:

Consignee Signature: P Hynes Time:

Print Name:

Conditions of Sale: it is essential that all written particulars entered above should be carefully checked by the consignee since this delivery note, once signed by the consignee represents formal acceptance of the material in good order and condition and subsequent complaints cannot be accepted. All complaints whether in respect of material or circumstance of delivery must be made to the driver of the vehicle and confirmed in writing direct to the company immediately

10 (3)

McDONNELL HAULAGE LTD.

Collection / Delivery Note

Bulk Excavation • Demolition • Aggregates • Soils • Grab Hire • Tipper Hire

8 Walmersley Old Road, Bury. BL9 6SQ

Tel: 01706 564 095 Mob: 07968 090905

Email: mcdonnellhaulage@gmail.com

No: 5747

Date: 11/5/21

WCL No: CBDU46027 SIC CODE:

Customer: HENRY CONSTRUCTION

Location: DANTZIC ST

Vehicle Reg: P017 UGC Driver Name: B LAWTON

Vehicle Type:

8W TIPPER	6W GRAB	8W GRAB	OTHER
✓			

Material: Weight: Weight: TONNE / KG

Gross: _____ _____ ARR _____ DEP _____ HR

MUCK AWAY

Tare: _____ REASON FOR DELAY:

EWC Code: Net: _____

Delays or waiting time: _____

Daywork:	Hours Worked:	Travel Time:	Total Time:

Consignee Signature: P Hughes Time:

Print Name:

Conditions of Sale: it is essential that all written particulars entered above should be carefully checked by the consignee since this delivery note, once signed by the consignee represents formal acceptance of the material in good order and condition and subsequent complaints cannot be accepted. All complaints whether in respect of material or circumstance of delivery must be made to the driver of the vehicle and confirmed in writing direct to the company immediately

(X) (4)

McDONNELL HAULAGE LTD.

Collection / Delivery Note

Bulk Excavation • Demolition • Aggregates • Soils • Grab Hire • Tipper Hire

8 Walmersley Old Road, Bury. BL9 6SQ

Tel: 01706 564 095 Mob: 07968 090905

Email: mcdonnellhaulage@gmail.com

No: 5809

Date: 11-5-21

WCL No: CBDU46027 SIC CODE:

Customer: HENRY CON

Location: DANTZIC STREET M/C

Vehicle Reg: MW66 CSU Driver Name: LEE

Vehicle Type:

8W TIPPER	6W GRAB	8W GRAB	OTHER
✓			

Material: MUCK AWAY

EWC Code:

Weight: Weight: TONNE / KG

Gross: _____ _____ ARR _____ DEP _____ HR

Tare: _____ REASON FOR DELAY:

Net: _____

Delays or waiting time: _____

Daywork:	Hours Worked:	Travel Time:	Total Time:

Consignee Signature: P Hughes Time:

Print Name:

Conditions of Sale: it is essential that all written particulars entered above should be carefully checked by the consignee since this delivery note, once signed by the consignee represents formal acceptance of the material in good order and condition and subsequent complaints cannot be accepted. All complaints whether in respect of material or circumstance of delivery must be made to the driver of the vehicle and confirmed in writing direct to the company immediately

12 (5)

McDONNELL HAULAGE LTD.

Collection / Delivery Note

Bulk Excavation • Demolition • Aggregates • Soils • Grab Hire • Tipper Hire

8 Walmersley Old Road, Bury. BL9 6SQ

Tel: 01706 564 095 Mob: 07968 090905

Email: mcdonnellhaulage@gmail.com

No: 5267

Date: 11/5/2021

WCL No: CBDU46027 SIC CODE:

Customer: Henry Construction

Location: Dantzic Street, Manchester

Vehicle Reg: PN22 KCJ Driver Name: Umar

Vehicle Type:	8W TIPPER ✓	6W GRAB	8W GRAB	OTHER

Material: muck

Weight: Weight: Gross: 18 X4 has of much more

TONNE / KG

Tare:

Net:

ARR DEP HR

REASON FOR DELAY:

EWC Code:

Delays or waiting time:

Daywork:	Hours Worked:	Travel Time:	Total Time:

Consignee Signature: X

Time:

Print Name: ✓

Conditions of Sale: it is essential that all written particulars entered above should be carefully checked by the consignee since this delivery note, once signed by the consignee represents formal acceptance of the material in good order and condition and subsequent complaints cannot be accepted. All complaints whether in respect of material or circumstance of delivery must be made to the driver of the vehicle and confirmed in writing direct to the company immediately

13 (6)

McDONNELL HAULAGE LTD.

Collection / Delivery Note

Bulk Excavation • Demolition • Aggregates • Soils • Grab Hire • Tipper Hire

8 Walmersley Old Road, Bury. BL9 6SQ

Tel: 01706 564 095 Mob: 07968 090905

Email: mcdonnellhaulage@gmail.com

No: 5982

Date: 11-5-21

WCL No: CBDU46027 SIC CODE:

Customer: Henry

Location: Domestic. ST

Vehicle Reg: YD16RRZ Driver Name: Ed

Vehicle Type:

8W TIPPER		6W GRAB		8W GRAB		OTHER	
	4						

Material: Weight: Weight: TONNE / KG

Spoil Gross: 1x8 load Tip

Tare: REASON FOR DELAY:

EWC Code: Net:

ARR DEP HR

Delays or waiting time:

Daywork:	Hours Worked:	Travel Time:	Total Time:

Consignee Signature: Time:

Print Name:

Conditions of Sale: it is essential that all written particulars entered above should be carefully checked by the consignee since this delivery note, once signed by the consignee represents formal acceptance of the material in good order and condition and subsequent complaints cannot be accepted. All complaints whether in respect of material or circumstance of delivery must be made to the driver of the vehicle and confirmed in writing direct to the company immediately

14 (7)

McDONNELL HAULAGE LTD.

Collection / Delivery Note

Bulk Excavation • Demolition • Aggregates • Soils • Grab Hire • Tipper Hire

8 Walmersley Old Road, Bury. BL9 6SQ

Tel: 01706 564 095 Mob: 07968 090905

Email: mcdonnellhaulage@gmail.com

No: 4847

Date: 11 05 21

WCL No: CBDU46027 SIC CODE:

Customer: henry const

Location: Dantzic ST MCR

Vehicle Reg: PN21 KKK Driver Name: Mc

Vehicle Type:

8W TIPPER	/	6W GRAB		8W GRAB		OTHER	

Material: Weight: Weight: TONNE / KG

XI SW MUCK AWAY

Gross: _____ _____ ARR _____ DEP _____ HR

Tare: _____ REASON FOR DELAY:

EWC Code: Net: _____

Delays or waiting time: _____

Daywork:	Hours Worked:	Travel Time:	Total Time:

Consignee Signature: P Hughes Time:

Print Name:

Conditions of Sale: it is essential that all written particulars entered above should be carefully checked by the consignee since this delivery note, once signed by the consignee represents formal acceptance of the material in good order and condition and subsequent complaints cannot be accepted. All complaints whether in respect of material or circumstance of delivery must be made to the driver of the vehicle and confirmed in writing direct to the company immediately

15 (8)

McDONNELL HAULAGE LTD.

Collection / Delivery Note

Bulk Excavation • Demolition • Aggregates • Soils • Grab Hire • Tipper Hire

8 Walmersley Old Road, Bury. BL9 6SQ

Tel: 01706 564 095 Mob: 07968 090905

Email: mcdonnellhaulage@gmail.com

No: 5748

Date: 11/5/21

WCL No: CBDU46027 SIC CODE:

Customer: HENRY CONSTRUCTION

Location: DANTZIC ST

Vehicle Reg: P017 UGL Driver Name: B LAWTON

Vehicle Type:	8W TIPPER	6W GRAB	8W GRAB	OTHER
	✓			

Material: MUCK AWAY Weight: Weight: TONNE / KG

Gross: _____ _____ ARR _____ DEP _____ HR

Tare: _____ REASON FOR DELAY:

EWC Code: Net: _____

Delays or waiting time: _____

Daywork:	Hours Worked:	Travel Time:	Total Time:

Consignee Signature: P Hyde Time:

Print Name:

Conditions of Sale: it is essential that all written particulars entered above should be carefully checked by the consignee since this delivery note, once signed by the consignee represents formal acceptance of the material in good order and condition and subsequent complaints cannot be accepted. All complaints whether in respect of material or circumstance of delivery must be made to the driver of the vehicle and confirmed in writing direct to the company immediately

16 (9)

McDONNELL HAULAGE LTD.

Collection / Delivery Note

Bulk Excavation • Demolition • Aggregates • Soils • Grab Hire • Tipper Hire

8 Walmersley Old Road, Bury. BL9 6SQ
Tel: 01706 564 095 Mob: 07968 090905
Email: mcdonnellhaulage@gmail.com

No: 3766

Date: 11.5.21

WCL No: CBDU46027 SIC CODE:

Customer: HENRY

Location: DANZIC ST

Vehicle Reg: PO17 UAL Driver Name: C. FARRELL

Vehicle Type:	8W TIPPER	6W GRAB	8W GRAB	OTHER
	✓			

Material: SPOIL Weight: TONNE / KG

Gross: 1x8w _____ ARR _____ DEP _____ HR

Tare: LOAD REASON FOR DELAY:

EWC Code: Net: _____

Delays or waiting time: _____

Daywork:	Hours Worked:	Travel Time:	Total Time:

Consignee Signature: P Hughes Time:

Print Name:

Conditions of Sale: it is essential that all written particulars entered above should be carefully checked by the consignee since this delivery note, once signed by the consignee represents formal acceptance of the material in good order and condition and subsequent complaints cannot be accepted. All complaints whether in respect of material or circumstance of delivery must be made to the driver of the vehicle and confirmed in writing direct to the company immediately

17 (10)

McDONNELL HAULAGE LTD.

Collection / Delivery Note

Bulk Excavation • Demolition • Aggregates • Soils • Grab Hire • Tipper Hire

8 Walmersley Old Road, Bury. BL9 6SQ

Tel: 01706 564 095 Mob: 07968 090905

Email: mcdonnellhaulage@gmail.com

No: 5810

Date: 11-5-21

WCL No: CBDU46027 SIC CODE:

Customer: HENRY CON

Location: DANZIC STREET MLC

Vehicle Reg: ML16 CSJ Driver Name: Leo

Vehicle Type:	8W TIPPER	6W GRAB	8W GRAB	OTHER
	✓			

Material: Muck Away

Weight: Weight: TONNE / KG

Gross: _____ _____ ARR _____ DEP _____ HR

Tare: _____ REASON FOR DELAY:

EWC Code: Net: _____

Delays or waiting time: _____

Daywork:	Hours Worked:	Travel Time:	Total Time:

Consignee Signature: P Mulvey Time:

Print Name:

Conditions of Sale: it is essential that all written particulars entered above should be carefully checked by the consignee since this delivery note, once signed by the consignee represents formal acceptance of the material in good order and condition and subsequent complaints cannot be accepted. All complaints whether in respect of material or circumstance of delivery must be made to the driver of the vehicle and confirmed in writing direct to the company immediately

20 (12)

McDONNELL HAULAGE LTD.

Collection / Delivery Note

Bulk Excavation • Demolition • Aggregates • Soils • Grab Hire • Tipper Hire

8 Walmersley Old Road, Bury. BL9 6SQ

Tel: 01706 564 095 Mob: 07968 090905

Email: mcdonnellhaulage@gmail.com

No: 4848

Date: 10/05/21

WCL No: CBDU46027 SIC CODE:

Customer: henry conse

Location: Daniel c ST MCR

Vehicle Reg: PN21KCK Driver Name: MC

Vehicle Type:	8W TIPPER	6W GRAB	8W GRAB	OTHER
	/			

Material: Weight: Weight: TONNE / KG

X1 SCH MUCK AWAY

Gross: _____ _____ ARR _____ DEP _____ HR

Tare: _____ REASON FOR DELAY:

EWC Code: Net: _____

Delays or waiting time: _____

Daywork:	Hours Worked:	Travel Time:	Total Time:

Consignee Signature: Time:

Print Name:

Conditions of Sale: it is essential that all written particulars entered above should be carefully checked by the consignee since this delivery note, once signed by the consignee represents formal acceptance of the material in good order and condition and subsequent complaints cannot be accepted. All complaints whether in respect of material or circumstance of delivery must be made to the driver of the vehicle and confirmed in writing direct to the company immediately

21 (13) 16

McDONNELL HAULAGE LTD.

Collection / Delivery Note

Bulk Excavation • Demolition • Aggregates • Soils • Grab Hire • Tipper Hire

8 Walmersley Old Road, Bury. BL9 6SQ

Tel: 01706 564 095 Mob: 07968 090905

Email: mcdonnellhaulage@gmail.com

No: 3767

Date: 11.5.21

WCL No: CBDU46027 SIC CODE:

Customer: HENRY

Location: DANBIC ST

Vehicle Reg: P017 UAL Driver Name:

Vehicle Type:	8W TIPPER	6W GRAB	8W GRAB	OTHER
	✓			

Material: SPOIL Weight: TONNE / KG

Gross: LVSW ARR DEP HR

Tare: LOAD REASON FOR DELAY:

EWC Code: Net:

Delays or waiting time:

Daywork:	Hours Worked:	Travel Time:	Total Time:

Consignee Signature: P Hughes Time:

Print Name:

Conditions of Sale: it is essential that all written particulars entered above should be carefully checked by the consignee since this delivery note, once signed by the consignee represents formal acceptance of the material in good order and condition and subsequent complaints cannot be accepted. All complaints whether in respect of material or circumstance of delivery must be made to the driver of the vehicle and confirmed in writing direct to the company immediately

22 (14)

(7)

McDONNELL HAULAGE LTD.

Collection / Delivery Note

Bulk Excavation • Demolition • Aggregates • Soils • Grab Hire • Tipper Hire

8 Walmersley Old Road, Bury. BL9 6SQ

Tel: 01706 564 095 Mob: 07968 090905

Email: mcdonnellhaulage@gmail.com

No: 5749

Date: 11/5/21

WCL No: CBDU46027 SIC CODE:

Customer: HENRY CONSTRUCTION

Location: DANTZIC ST

Vehicle Reg: P97 UGL Driver Name: B Houston

Vehicle Type:	8W TIPPER	6W GRAB	8W GRAB	OTHER
	✓			

Material: Weight: Weight: TONNE / KG

MUCK AWAY

Gross: _____ _____ ARR _____ DEP _____ HR

Tare: _____ REASON FOR DELAY:

EWC Code: Net: _____

Delays or waiting time: _____

Daywork:	Hours Worked:	Travel Time:	Total Time:

Consignee Signature: P Hughes Time:

Print Name:

Conditions of Sale: it is essential that all written particulars entered above should be carefully checked by the consignee since this delivery note, once signed by the consignee represents formal acceptance of the material in good order and condition and subsequent complaints cannot be accepted. All complaints whether in respect of material or circumstance of delivery must be made to the driver of the vehicle and confirmed in writing direct to the company immediately

23 (15) 18

McDONNELL HAULAGE LTD.

Collection / Delivery Note

Bulk Excavation • Demolition • Aggregates • Soils • Grab Hire • Tipper Hire

8 Walmersley Old Road, Bury. BL9 6SQ

Tel: 01706 564 095 Mob: 07968 090905

Email: mcdonnellhaulage@gmail.com

No: 5812

Date: 11.5.21

WCL No: CBDU46027 SIC CODE:

Customer: Howry Cow

Location: DANZIC STREET M/C

Vehicle Reg: MC16 CS Driver Name: Lee

Vehicle Type:	8W TIPPER	6W GRAB	8W GRAB	OTHER
	✓			

Material: Weight: Weight: TONNE / KG

Mix Aggs

Gross: _____ _____ ARR _____ DEP _____ HR

Tare: _____ REASON FOR DELAY:

EWC Code: Net: _____

Delays or waiting time: _____

Daywork:	Hours Worked:	Travel Time:	Total Time:

Consignee Signature: Time:

Print Name:

Conditions of Sale: it is essential that all written particulars entered above should be carefully checked by the consignee since this delivery note, once signed by the consignee represents formal acceptance of the material in good order and condition and subsequent complaints cannot be accepted. All complaints whether in respect of material or circumstance of delivery must be made to the driver of the vehicle and confirmed in writing direct to the company immediately

25 (16) 19

McDONNELL HAULAGE LTD.

Collection / Delivery Note

Bulk Excavation • Demolition • Aggregates • Soils • Grab Hire • Tipper Hire

8 Walmersley Old Road, Bury. BL9 6SQ

Tel: 01706 564 095 Mob: 07968 090905

Email: mcdonnellhaulage@gmail.com

No: 5985

Date: 17-5-21

WCL No: CBDU46027 SIC CODE:

Customer: HENRY

Location: Dobritic. ST

Vehicle Reg: XD16 ERZ Driver Name: Ed

Vehicle Type:	8W TIPPER		6W GRAB		8W GRAB		OTHER	

Material: Spoil Weight: Weight: TONNE / KG

Gross: ARR DEP HR

Tare: 1 X 8 Good REASON FOR DELAY:

EWC Code: Net: TIP

Delays or waiting time:

Daywork:	Hours Worked:	Travel Time:	Total Time:

Consignee Signature: P Hughes Time:

Print Name:

Conditions of Sale: it is essential that all written particulars entered above should be carefully checked by the consignee since this delivery note, once signed by the consignee represents formal acceptance of the material in good order and condition and subsequent complaints cannot be accepted. All complaints whether in respect of material or circumstance of delivery must be made to the driver of the vehicle and confirmed in writing direct to the company immediately

(17)

24

McDONNELL HAULAGE LTD.

Collection / Delivery Note

Bulk Excavation • Demolition • Aggregates • Soils • Grab Hire • Tipper Hire

8 Walmersley Old Road, Bury. BL9 6SQ

Tel: 01706 564 095 Mob: 07968 090905

Email: mcdonnellhaulage@gmail.com

No: 5269

Date: 11/5/2021

WCL No: CBDU46027 SIC CODE:

Customer: Hosey Constructions

Location: Deantzic Street, Manchester

Vehicle Reg: PN12KCJ Driver Name: Nicky

Vehicle Type:	8W TIPPER		6W GRAB		8W GRAB		OTHER	
		✓						

Material: Weight: Weight: TONNE / KG

Gross: 18 X 4 Loads at Muck Away

ARR DEP HR

Tare: REASON FOR DELAY:

EWC Code: Net:

Delays or waiting time:

Daywork:	Hours Worked:	Travel Time:	Total Time:

Consignee Signature: Time:

Print Name: P Hosey

Conditions of Sale: it is essential that all written particulars entered above should be carefully checked by the consignee since this delivery note, once signed by the consignee represents formal acceptance of the material in good order and condition and subsequent complaints cannot be accepted. All complaints whether in respect of material or circumstance of delivery must be made to the driver of the vehicle and confirmed in writing direct to the company immediately

(30)

McDONNELL HAULAGE LTD.

Collection / Delivery Note

Bulk Excavation • Demolition • Aggregates • Soils • Grab Hire • Tipper Hire

8 Walmersley Old Road, Bury. BL9 6SQ

Tel: 01706 564 095 Mob: 07968 090905

Email: mcdonnellhaulage@gmail.com

No: 5979

Date: 11-5-21.

WCL No: CBDU46027 SIC CODE:

Customer: HENRY

Location: DOMESTIC ST

Vehicle Reg: XD16RRZ Driver Name: Ed

Vehicle Type:

8W TIPPER		6W GRAB		8W GRAB		OTHER	

Material: spoil

Weight: Weight: Gross: Tare: Net:

TONNE / KG

1 X 8 wod

ARR DEP HR

REASON FOR DELAY: TIP

EWC Code:

Delays or waiting time:

Daywork:	Hours Worked:	Travel Time:	Total Time:

Consignee Signature: R Hughes Time:

Print Name:

Conditions of Sale: it is essential that all written particulars entered above should be carefully checked by the consignee since this delivery note, once signed by the consignee represents formal acceptance of the material in good order and condition and subsequent complaints cannot be accepted. All complaints whether in respect of material or circumstance of delivery must be made to the driver of the vehicle and confirmed in writing direct to the company immediately

(6) (29)

McDONNELL HAULAGE LTD.

Collection / Delivery Note

Bulk Excavation • Demolition • Aggregates • Soils • Grab Hire • Tipper Hire

8 Walmersley Old Road, Bury. BL9 6SQ
Tel: 01706 564 095 Mob: 07968 090905
Email: mcdonnellhaulage@gmail.com

No: 5266

Date: 11/5/2021

WCL No: CBDU46027 SIC CODE:

Customer: Henry Construction

Location: Dantzic Street, Manchester

Vehicle Reg: PA21 RCJ. Driver Name: Vinny.

Vehicle Type:	8W TIPPER		6W GRAB		8W GRAB		OTHER	
		✓						

Material: muck

Weight: Weight: Gross: 18 x 4 Loads of muck away TONNE / KG ARR DEP HR

Tare: REASON FOR DELAY:

EWC Code: Net:

Delays or waiting time:

Daywork:	Hours Worked:	Travel Time:	Total Time:

Consignee Signature: Time:

Print Name:

Conditions of Sale: it is essential that all written particulars entered above should be carefully checked by the consignee since this delivery note, once signed by the consignee represents formal acceptance of the material in good order and condition and subsequent complaints cannot be accepted. All complaints whether in respect of material or circumstance of delivery must be made to the driver of the vehicle and confirmed in writing direct to the company immediately

(28)

McDONNELL HAULAGE LTD.

Collection / Delivery Note

Bulk Excavation • Demolition • Aggregates • Soils • Grab Hire • Tipper Hire

8 Walmersley Old Road, Bury. BL9 6SQ

Tel: 01706 564 095 Mob: 07968 090905

Email: mcdonnellhaulage@gmail.com

No: 4845

Date: 11.05.21

WCL No: CBDU46027 SIC CODE:

Customer: henry Conse

Location: Domezic ST MCR

Vehicle Reg: PN21KCH Driver Name: MC

Vehicle Type:	8W TIPPER	/	6W GRAB		8W GRAB		OTHER	

Material: X18W muck Aug

Weight: Weight: TONNE / KG

Gross: _____ _____ ARR _____ DEP _____ HR

Tare: _____ REASON FOR DELAY:

EWC Code: Net: _____

Delays or waiting time: _____

Daywork:	Hours Worked:	Travel Time:	Total Time:

Consignee Signature: Time:

Print Name:

Conditions of Sale: it is essential that all written particulars entered above should be carefully checked by the consignee since this delivery note, once signed by the consignee represents formal acceptance of the material in good order and condition and subsequent complaints cannot be accepted. All complaints whether in respect of material or circumstance of delivery must made to the driver of the vehicle and confirmed in writing direct to the company immediately

(4)

McDONNELL HAULAGE LTD.

Collection / Delivery Note

Bulk Excavation • Demolition • Aggregates • Soils • Grab Hire • Tipper Hire

8 Walmersley Old Road, Bury. BL9 6SQ

Tel: 01706 564 095 Mob: 07968 090905

Email: mcdonnellhaulage@gmail.com

No: 5814

Date: 11.5.21

WCL No: CBDU46027 SIC CODE:

Customer: HENRY CON

Location: DANZAC ST M/C

Vehicle Reg: MW6 CSV Driver Name: LEE

Vehicle Type:	8W TIPPER	6W GRAB	8W GRAB	OTHER
	✓			

Material: MACH AWAY

EWC Code:

Weight: Weight: TONNE / KG

Gross: _____ _____ ARR _____ DEP _____ HR

Tare: _____ REASON FOR DELAY:

Net: _____

Delays or waiting time: _____

Daywork:	Hours Worked:	Travel Time:	Total Time:

Consignee Signature: P Hughes Time:

Print Name:

Conditions of Sale: it is essential that all written particulars entered above should be carefully checked by the consignee since this delivery note, once signed by the consignee represents formal acceptance of the material in good order and condition and subsequent complaints cannot be accepted. All complaints whether in respect of material or circumstance of delivery must be made to the driver of the vehicle and confirmed in writing direct to the company immediately

10

McDONNELL HAULAGE LTD.

Collection / Delivery Note

Bulk Excavation • Demolition • Aggregates • Soils • Grab Hire • Tipper Hire

8 Walmersley Old Road, Bury. BL9 6SQ

Tel: 01706 564 095 Mob: 07968 090905

Email: mcdonnellhaulage@gmail.com

No: 5263

Date: 11/5/2021

WCL No: CBDU46027 SIC CODE:

Customer: Henry Construction

Location: Dadzic Street, Manchester

Vehicle Reg: PN21 KCJ Driver Name: Danny

Vehicle Type:	8W TIPPER	✓	6W GRAB		8W GRAB		OTHER	

Material: Muck. Weight: Weight: Gross: Tare: Net:

TONNE / KG 18 x 4 Load of Muck ARR DEP Away HR

REASON FOR DELAY:

EWC Code:

Delays or waiting time:

Daywork:	Hours Worked:	Travel Time:	Total Time:

Consignee Signature: P Hughes Time:

Print Name:

Conditions of Sale: it is essential that all written particulars entered above should be carefully checked by the consignee since this delivery note, once signed by the consignee represents formal acceptance of the material in good order and condition and subsequent complaints cannot be accepted. All complaints whether in respect of material or circumstance of delivery must be made to the driver of the vehicle and confirmed in writing direct to the company immediately

Appendix O Waste Transfer Notes (LoW Code 17 05 03*).

© Terragen Environmental Consultants 2021

Enabling Works: Hazardous Waste Site Locations

Victoria Riverside, Manchester

CLIENT: FEC

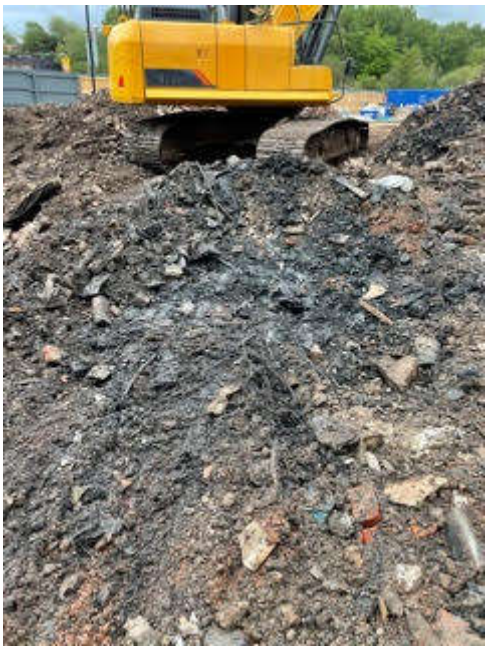


Hazardous waste site location 1 – Pictures

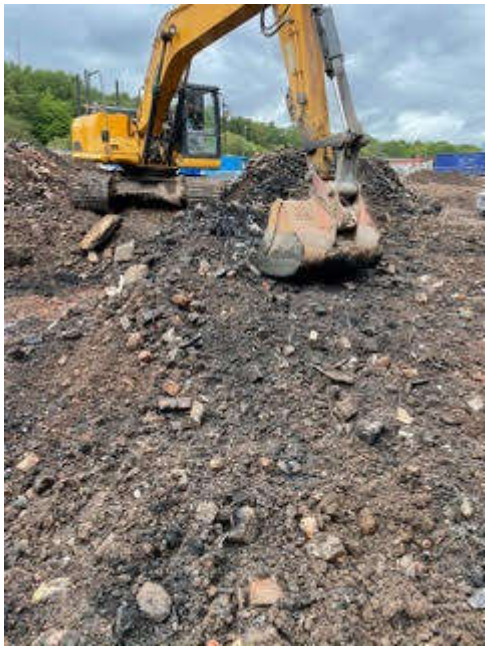




Hazardous waste site location 2 – Pictures













Form HWCN01v112

The Hazardous Waste Regulations 2005: Consignment Note

DW2219537

Environment Agency

CONSIGNEE'S COPY

PART A Notification details

1 Consignment note code: MCDONN/001

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

Dantzic Street, Manchester
M4, 4DD.

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

MAW Green Soil Treatment
CREWE, CW1 5NG

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

Henry Construction Projects Ltd

PART B Description of the waste

If continuation sheet used, tick here ☐

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

2 SIC (2007) for the process giving rise to the waste: . /

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

Description of waste	List of wastes (EWC code)(6 digits)	Quantity (kg)	The chemical/biological components in the waste and their concentrations are:		Physical form (gas, liquid, solid, powder, sludge or mixed)	Hazard code(s)	Container type, number and size
			Component	Concentration (% or mg/kg)			
Contaminated Soil	170503	20,000	TPH	0.1-0.5%	Solid	HP7/11	Tipper

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

PART C Carrier's certificate

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

I certify that I today collected the consignment and that the details in A2, A3 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: Mc Dowell Haulage Ltd

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

10 Turnpike Close, Rochdale, OL12 6HG

2 Carrier registration no./reason for exemption: CBDU46027

3 Vehicle registration no. (or mode of transport, if not road): PN21 KCJ

Signature Vinay Egas.

Date 7/6/2021 Time 0757

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):

P Hughes

Signature

Date 7/6/2021 Time 0757

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)
170503	18.16	ACC	R05

1 I received this waste at the address given in A3 on: Date 07062021 Time 0930

2 Vehicle registration no. (or mode of transport if not road): PN21 KCJ

3 Where waste is rejected please provide details:

I certify that waste permit/exempt waste operation number: BS7722ID

authorises the management of the wastes described in A4 at the address given in A3.

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

Name: A. Stockton

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

Provectus Soils Management
Maw Green Soil Treatment Centre
Maw Green Road
Crewe CW1 5NG

Signature A Stockton

Date 07062021 Time 0930

Form HWCN01v112

The Hazardous Waste Regulations 2005: Consignment Note

DW2219537

Environment Agency

CONSIGNEE'S COPY

PART A Notification details

1 Consignment note code: MCDONN/002

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

Dantzic Street, Manchester
M4, 4DD.

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

MAW Green Soil Treatment
CREWE, CW1 5NG

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

Henry Construction Projects Ltd

PART B Description of the waste

If continuation sheet used, tick here ☐

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

2 SIC (2007) for the process giving rise to the waste: /

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

Description of waste	List of wastes (EWC code)(6 digits)	Quantity (kg)	The chemical/biological components in the waste and their concentrations are: Component	Concentration (% or mg/kg)	Physical form (gas, liquid, solid, powder, sludge or mixed)	Hazard code(s)	Container type, number and size
Contaminated Soil	170503	20,000	TPH	0.1-0.5%	Solid	HP7/11	Tipper

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

PART C Carrier's certificate

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

I certify that I today collected the consignment and that the details in A2, A3 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: Mc Dowell Haulage Ltd

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

10 Turnpike Close, Rochdale, OL12 6HG

2 Carrier registration no./reason for exemption: CBDU46027

3 Vehicle registration no. (or mode of transport, if not road): PN21 KCJ.

Signature Vinay Eccles

Date 7/6/2021 Time 11:11 AM

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):

Signature

Date 7/6/2021 Time 11:20 AM

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)
170503	18.74	ACC	R05

1 I received this waste at the address given in A3 on: Date 07062021 Time 1235

2 Vehicle registration no. (or mode of transport if not road): PN 21 KCJ

Name: A. Stockton

3 Where waste is rejected please provide details:

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

Provectus Soils Management
Maw Green Soil Treatment Centre
Maw Green Road
Crewe CW1 5NG

I certify that waste permit/exempt waste operation number:

BS7722ID

authorises the management of the waste described in C at the address given in A3.

Signature

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

Date 07062021 Time 1235

Form HWCN01v112

The Hazardous Waste Regulations 2005: Consignment Note

DW2219537

Environment Agency

CONSIGNEE'S COPY

PART A Notification details

1 Consignment note code: MCDONN1003

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

Dantzic Street, Manchester
M4, 4DD.

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

MAW Green Soil Treatment
CREWE, CW1 5NG

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

Henry Construction Projects Ltd

PART B Description of the waste

If continuation sheet used, tick here ☐

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

2 SIC (2007) for the process giving rise to the waste: /

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

Description of waste	List of wastes (EWC code)(6 digits)	Quantity (kg)	The chemical/biological components in the waste and their concentrations are:		Physical form (gas, liquid, solid, powder, sludge or mixed)	Hazard code(s)	Container type, number and size
			Component	Concentration (% or mg/kg)			
Contaminated Soil	170503	20,000	TPH	0.1-0.5%	Solid	HP7/11	Tipper

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

PART C Carrier's certificate

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

I certify that I today collected the consignment and that the details in A2, A3 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: Mc Dowell Haulage Ltd

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

10 Turnpike Close, Rochdale, OL12 6HG

2 Carrier registration no./reason for exemption: CBDU46027

3 Vehicle registration no. (or mode of transport, if not road): PN21 KCJ

Signature Niwan Ellis

Date 7/6/2021 Time 1437 PM

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):

Signature

Date 7/6/2021. Time 1445 PM

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)
170503	19.00	ACL	R05

1 I received this waste at the address given in A3 on: Date 07062021 Time 1605

2 Vehicle registration no. (or mode of transport if not road): PN21 KCJ

3 Where waste is rejected please provide details:

I certify that waste permit/exemption/registration number: BS7722ID

authorises the management of the waste described in B at the address given in A3.

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

Name: A. Stockton

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

Provectus Soils Management
Maw Green Soil Treatment Centre
Maw Green Road
Crewe, CW1 5NG

Signature A Stockton

Date 07062021 Time 1605

001

McDONNELL HAULAGE LTD.

Collection / Delivery Not

Bulk Excavation • Demolition • Aggregates • Soils • Grab Hire • Tipper Hire

8 Walmersley Old Road, Bury. BL9 6SQ

Tel: 01706 564 095 Mob: 07968 090905

Email: mcdonnellhaulage@gmail.com

No: 6951

Date: 7 June 2021

WCL No: CBDU46027 SIC CODE:

Customer: Hewey Constructions

Location: Dantzic Street, Manchester.

Vehicle Reg: PW21 KCJ. Driver Name: Umay.

Vehicle Type:	8W TIPPER	✓	6W GRAB		8W GRAB		OTHER	

Material: Weight: Weight: TONNE / KG

Hazardous waste.

Gross: 1 8X4 Load ARR AWAY DEP HR

Tare: REASON FOR DELAY:

EWC Code: Net:

Delays or waiting time:

Daywork:	Hours Worked:	Travel Time:	Total Time:

Consignee Signature: P Hughes Time: 07.58.

Print Name:

Conditions of Sale: it is essential that all written particulars entered above should be carefully checked by the consignee s this delivery note, once signed by the consignee represents formal acceptance of the material in good order and conditio subsequent complaints cannot be accepted. All complaints whether in respect of material or circumstance of delivery made to the driver of the vehicle and confirmed in writing direct to the company immediately

002 3 ~~Hazard~~ 7/6.

McDONNELL HAULAGE LTD.

Collection / Delivery Note

Bulk Excavation • Demolition • Aggregates • Soils • Grab Hire • Tipper Hire

8 Walmersley Old Road, Bury. BL9 6SQ

Tel: 01706 564 095 Mob: 07968 090905

Email: mcdonnellhaulage@gmail.com

No: 6952

Date: 7th/6/2021

WCL No: CBDU46027 SIC CODE:

Customer: Hewey Construction

Location: Dantzic Street

Vehicle Reg: PW21 KCJ Driver Name: Umay.

Vehicle Type:	8W TIPPER	✓	6W GRAB		8W GRAB		OTHER	

Material: Weight: Weight: TONNE / KG

Hazardous waste

Gross: 1 8X4 Load AWAY ARR DEP HR

Tare: REASON FOR DELAY:

EWC Code: Net:

Delays or waiting time:

Daywork:	Hours Worked:	Travel Time:	Total Time:

Consignee Signature: P Hughes Time: 11.20

Print Name:

Conditions of Sale: it is essential that all written particulars entered above should be carefully checked by the consignee since this delivery note, once signed by the consignee represents formal acceptance of the material in good order and condition and subsequent complaints cannot be accepted. All complaints whether in respect of material or circumstance of delivery must be made to the driver of the vehicle and confirmed in writing direct to the company immediately

003.

McDONNELL HAULAGE LTD.

Collection / Delivery Note

Bulk Excavation • Demolition • Aggregates • Soils • Grab Hire • Tipper Hire

8 Walmersley Old Road, Bury. BL9 6SQ
Tel: 01706 564 095 **Mob: 07968 090905**
Email: mcdonnellhaulage@gmail.com

No: 6953

Date: 7/6/2021.

WCL No: CBDU46027 SIC CODE:

Customer: Henry Construction

Location: Daintree Street, Manchester.

Vehicle Reg: PW21 KCJ. Driver Name: Vinny

Vehicle Type:	8W TIPPER	6W GRAB	8W GRAB	OTHER
	✓			

Material: Hazardous Waste.

Weight: Gross: 18x4 1000 ARR 4:00pm DEP ____ HR

Tare: ____

Net: ____

TONNE / KG

REASON FOR DELAY:

EWC Code:

Delays or waiting time:

Daywork:	Hours Worked:	Travel Time:	Total Time:

Consignee Signature: x P Hughes Time: 2.45pm

Print Name: x

Conditions of Sale: it is essential that all written particulars entered above should be carefully checked by the consignee since this delivery note, once signed by the consignee represents formal acceptance of the material in good order and condition and subsequent complaints cannot be accepted. All complaints whether in respect of material or circumstance of delivery must be made to the driver of the vehicle and confirmed in writing direct to the company immediately

Appendix P Waste Transfer Notes (LoW Code 17 01 01).

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McDONNELL HAULAGE LTD.

Bulk Excavation • Demolition • Aggregates • Soils • Grab Hire • Tipper Hire

8 Walmersley Old Road, Bury. BL9 6SQ
Tel: 01706 564 095 Mob: 07968 090905
Email: mcdonnellhaulage@gmail.com

Collection / Delivery Note

No: 3765

Date: 11.5.24

WCL No: CBDU46027 SIC CODE:

Customer: HENRY

Location: DANZIC ST

Vehicle Reg: PO17 UAL Driver Name: C FARRELL

Vehicle Type:	8W TIPPER	6W GRAB	8W GRAB	OTHER
	✓			

Material: Concrete

Weight: TONNE / KG

Gross: 14.84

Tare: LOAD

Net:

ARR DEP HR

REASON FOR DELAY:

EWC Code:

Delays or waiting time:

Daywork:	Hours Worked:	Travel Time:	Total Time:

Consignee Signature:

Time:

Print Name:

Conditions of Sale: it is essential that all written particulars entered above should be carefully checked by the consignee since this delivery note, once signed by the consignee represents formal acceptance of the material in good order and condition and subsequent complaints cannot be accepted. All complaints whether in respect of material or circumstance of delivery must be made to the driver of the vehicle and confirmed in writing direct to the company immediately

2

(18) (1)

McDONNELL HAULAGE LTD.

Collection / Delivery Note

Bulk Excavation • Demolition • Aggregates • Soils • Grab Hire • Tipper Hire

8 Walmersley Old Road, Bury. BL9 6SQ

Tel: 01706 564 095 Mob: 07968 090905

Email: mcdonnellhaulage@gmail.com

No: 5986

Date: 11-5-21

WCL No: CBDU46027 SIC CODE:

Customer: HENRY

Location: DOMESTIC ST

Vehicle Reg: YD16ERZ Driver Name: Ed

Vehicle Type:

8W TIPPER	6W GRAB	8W GRAB	OTHER

Material: CONCRETE

Weight: Weight: TONNE / KG

Gross: 1 X 8 Load ARR _____ DEP _____ HR

Tare: _____ REASON FOR DELAY:

EWC Code: Net: _____ CONCRETE

Delays or waiting time: _____

Daywork: _____ Hours Worked: _____ Travel Time: _____ Total Time: _____

Consignee Signature: _____ Time: _____

Print Name: _____

Conditions of Sale: it is essential that all written particulars entered above should be carefully checked by the consignee since this delivery note, once signed by the consignee represents formal acceptance of the material in good order and condition and subsequent complaints cannot be accepted. All complaints whether in respect of material or circumstance of delivery must be made to the driver of the vehicle and confirmed in writing direct to the company immediately

3 (5) (2)

McDONNELL HAULAGE LTD.

Collection / Delivery Note

Bulk Excavation • Demolition • Aggregates • Soils • Grab Hire • Tipper Hire

8 Walmersley Old Road, Bury. BL9 6SQ

Tel: 01706 564 095 Mob: 07968 090905

Email: mcdonnellhaulage@gmail.com

No: 5807

Date: 11-5-21

WCL No: CBDU46027 SIC CODE:

Customer: HENRY CON

Location: DANTZIC STREET M/C

Vehicle Reg: MC16 CJU Driver Name: LEE

Vehicle Type:	8W TIPPER	6W GRAB	8W GRAB	OTHER
	✓			

Material: ~~[illegible]~~ Weight: Gross: _____ Tare: _____ Net: _____ Weight: TONNE / KG

~~[illegible]~~

CONCRETE

EWC Code: AWA/

_____ ARR _____ DEP _____ HR

REASON FOR DELAY:

Delays or waiting time: _____

Daywork:	Hours Worked:	Travel Time:	Total Time:

Consignee Signature: P Hughes Time: _____

Print Name: _____

Conditions of Sale: it is essential that all written particulars entered above should be carefully checked by the consignee since this delivery note, once signed by the consignee represents formal acceptance of the material in good order and condition and subsequent complaints cannot be accepted. All complaints whether in respect of material or circumstance of delivery must be made to the driver of the vehicle and confirmed in writing direct to the company immediately

4 (5)

McDONNELL HAULAGE LTD.

Collection / Delivery Note

Bulk Excavation • Demolition • Aggregates • Soils • Grab Hire • Tipper Hire

8 Walmersley Old Road, Bury. BL9 6SQ

Tel: 01706 564 095 Mob: 07968 090905

Email: mcdonnellhaulage@gmail.com

No: 5981

Date: 11-5-21

WCL No: CBDU46027 SIC CODE:

Customer: HENRY

Location: Domestic ST

Vehicle Reg: YD16RR2 Driver Name: Ed

Vehicle Type:	8W TIPPER	4	6W GRAB		8W GRAB		OTHER	

Material: CONCRETE Weight: Gross: 2 X 8 Load Tare: Net: TONNE / KG

ARR DEP TIP HR

REASON FOR DELAY:

EWC Code:

Delays or waiting time:

Daywork:	Hours Worked:	Travel Time:	Total Time:

Consignee Signature: P Hayes Time:

Print Name:

Conditions of Sale: it is essential that all written particulars entered above should be carefully checked by the consignee since this delivery note, once signed by the consignee represents formal acceptance of the material in good order and condition and subsequent complaints cannot be accepted. All complaints whether in respect of material or circumstance of delivery must be made to the driver of the vehicle and confirmed in writing direct to the company immediately

5 (4)

McDONNELL HAULAGE LTD.

Collection / Delivery Note

Bulk Excavation • Demolition • Aggregates • Soils • Grab Hire • Tipper Hire

8 Walmersley Old Road, Bury. BL9 6SQ

Tel: 01706 564 095 Mob: 07968 090905

Email: mcdonnellhaulage@gmail.com

No: 5746

Date: 11/5/21

WCL No: CBDU46027 SIC CODE:

Customer: HENRY CONSTRUCTION

Location: DANTZIC ST

Vehicle Reg: PONUGH Driver Name: BLANTON

Vehicle Type:	8W TIPPER	6W GRAB	8W GRAB	OTHER
	✓			

Material: MUCK AWAY CONCRETE Weight: Weight: TONNE / KG

Gross: _____ ARR _____ DEP _____ HR

Tare: _____ REASON FOR DELAY:

EWC Code: Net: _____

Delays or waiting time: _____

Daywork:	Hours Worked:	Travel Time:	Total Time:

Consignee Signature: T Hughes Time:

Print Name:

Conditions of Sale: it is essential that all written particulars entered above should be carefully checked by the consignee since this delivery note, once signed by the consignee represents formal acceptance of the material in good order and condition and subsequent complaints cannot be accepted. All complaints whether in respect of material or circumstance of delivery must be made to the driver of the vehicle and confirmed in writing direct to the company immediately

2

McDONNELL HAULAGE LTD.

Collection / Delivery Note

Bulk Excavation • Demolition • Aggregates • Soils • Grab Hire • Tipper Hire

8 Walmersley Old Road, Bury. BL9 6SQ
Tel: 01706 564 095 Mob: 07968 090905
Email: mcdonnellhaulage@gmail.com

No: 3768

Date: 11.5.21

WCL No: CBDU46027 SIC CODE:

Customer: HENRY

Location: DANTIC ST

Vehicle Reg: PO17 UAL Driver Name: C. FARRELL

Vehicle Type:	8W TIPPER	6W GRAB	8W GRAB	OTHER
	✓			

Material: Concrete

Weight: TONNE / KG

Gross: 1x8w

Tare: LOAD

Net:

ARR DEP HR

REASON FOR DELAY:

EWC Code:

Delays or waiting time:

Daywork:	Hours Worked:	Travel Time:	Total Time:

Consignee Signature: P Hughes Time:

Print Name:

Conditions of Sale: it is essential that all written particulars entered above should be carefully checked by the consignee since this delivery note, once signed by the consignee represents formal acceptance of the material in good order and condition and subsequent complaints cannot be accepted. All complaints whether in respect of material or circumstance of delivery must be made to the driver of the vehicle and confirmed in writing direct to the company immediately

Appendix Q Material Performance Certificate (6F2).

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MURRAY RIX
CONSULTANCY, SITE INVESTIGATION
CONSTRUCTION MATERIALS TESTING

TEST REPORT

Client Chartrange Ltd

Address Wharf Street
Dukinfield
Cheshire
SK16 4NJ

Contract Agecroft, Swinton

Job Number MRN 4088/28
Date of Issue 13 July 2021
Page **1 of 3**

Approved Signatories

S J Hutchings, O P Davies

Notes

Notes

1 All remaining samples and remnants from this contract will be disposed 28 days from the date of this report unless you notify us to the contrary.

2 Result certificates, in this report, not bearing a UKAS mark, are not included in our UKAS accreditation schedule.

3 Opinions and interpretations expressed herein are outside the scope of our UKAS accreditation.

4 Certified that the samples have been examined and tested in accordance with the terms of the contract/order and unless otherwise stated conform to the standards/specifications quoted.

5 The results included within the report are representative of the samples submitted for analysis.

6 This certificate should not be reproduced, except in full, without the express permission of the laboratory.

MURRAY RIX
ANDREW HOUSE, HADFIELD STREET,
DUKINFIELD, CHESHIRE SK16 4QX
TEL 0161 475 0870

UKAS TESTING
1580

TEST CERTIFICATE

PARTICLE SIZE DISTRIBUTION

BS EN 933-1 : 2012 (Washing & Sieving Method)

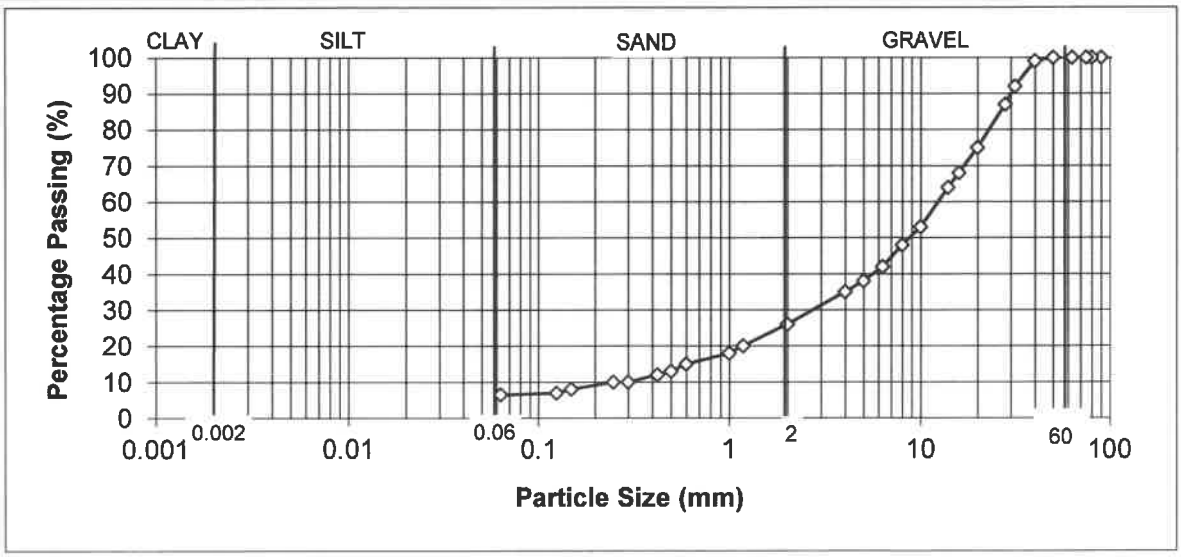
Determination of water content in accordance with BS EN 1097-5:2008

CLIENT	Chartrange Ltd
SITE	Agecroft, Swinton
JOB NUMBER	MRN 4088/28

SAMPLE LABEL	6N/LC/18/06/21	DATE SAMPLED	18-Jun-21
LAB SAMPLE No	100470	DATE RECEIVED	18-Jun-21
DATE TESTED	19-Jun-21	SAMPLED BY	Murray Rix

MATERIAL	Recycled Aggregate
ADVISED SOURCE	As client and site above

Sieve Size (mm)	% Passing (%)	Specification (%)	Sieve Size (mm)	% Passing (%)	Specification (%)
125	100		6.3	42	
90	100		5	38	
80	100	100	4	35	
75	100		2	26	
63	100		1.18	20	
50	100		1	18	
40	99		0.6	15	
31.5	92		0.5	13	
28	87		0.425	12	
20	75		0.3	10	
16	68		0.25	10	
14	64		0.15	8	
10	53		0.125	7	
8	48		0.063	6.5	<15



REMARKS

Sample complies with the advised grading specification for a 6N material (SHW 2016)

As received moisture content = 9.2%, Uniformity coefficient = >10

SIGNED

NAME O.P. Davies BA (Hons) (Laboratory Manager) DATE 13-Jul-21

MURRAY RIX
ANDREW HOUSE, HADFIELD STREET,
DUKINFIELD, CHESHIRE SK16 4QX
TEL 0161 475 0870

UKAS TESTING
1580

TEST CERTIFICATE

PARTICLE SIZE DISTRIBUTION

BS EN 933-1 : 2012 (Washing & Sieving Method)

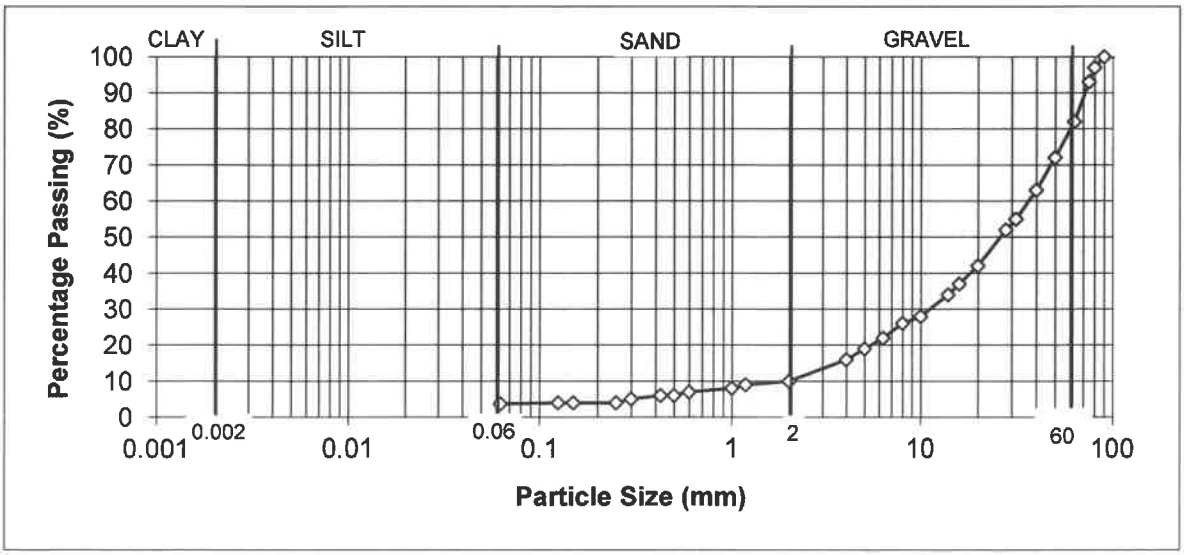
Determination of water content in accordance with BS EN 1097-5:2008

CLIENT	Chartrange Ltd
SITE	Agecroft, Swinton
JOB NUMBER	MRN 4088/28

SAMPLE LABEL	6F5/LC/18/06/21	DATE SAMPLED	18-Jun-21
LAB SAMPLE No	100469	DATE RECEIVED	18-Jun-21
DATE TESTED	18-Jun-21	SAMPLED BY	Murray Rix

MATERIAL	Recycled Aggregate
ADVISED SOURCE	As client and site above

Sieve Size (mm)	% Passing (%)	Specification (%)	Sieve Size (mm)	% Passing (%)	Specification (%)
125	100	100	6.3	22	
90	100		5	19	
80	97	75-99	4	16	
75	93		2	10	0-35
63	82		1.18	9	
50	72		1	8	
40	63	50-90	0.6	7	
31.5	55		0.5	6	
28	52		0.425	6	
20	42	30-75	0.3	5	
16	37		0.25	4	
14	34		0.15	4	
10	28	15-60	0.125	4	
8	26		0.063	3.7	0-12



REMARKS

Sample complies with the advised grading specification 6F5 (SHW 2016)

As received moisture content = 8.9%

SIGNED

NAME O.P. Davies BA (Hons) (Laboratory Manager) DATE 13-Jul-21

Appendix R Material Performance Certificate (6F2).

© Terragen Environmental Consultants 2021

MURRAY RIX
CONSULTANCY, SITE INVESTIGATION
CONSTRUCTION MATERIALS TESTING

TEST REPORT

Client Pearl Environmental (UK) Ltd

Address 58 Marford Crescent
Sale
Cheshire
M33 4DH

Contract P McGuinness

Job Number MRN 4130/16
Date of Issue 14 July 2021

Approved Signatories

S J Hutchings, O P Davies

Notes

1 All remaining samples and remnants from this contract will be disposed 28 days from the date of this report unless you notify us to the contrary.

2 Result certificates, in this report, not bearing a UKAS mark, are not included in our UKAS accreditation schedule.

3 Opinions and interpretations expressed herein are outside the scope of our UKAS accreditation.

4 Certified that the samples have been examined and tested in accordance with the terms of the contract/order and unless otherwise stated conform to the standards/specifications quoted.

5 The results included within the report are representative of the samples submitted for analysis.

6 This certificate should not be reproduced, except in full, without the express permission of the laboratory.

MURRAY RIX
Andrew House, Hadfield Street
Dukinfield, Cheshire SK16 4QX
TEL 0161 475 0870

UKAS TESTING
1580

TEST CERTIFICATE

PARTICLE SIZE DISTRIBUTION

BS 1377: PART 2: Clause 9.2: 1990

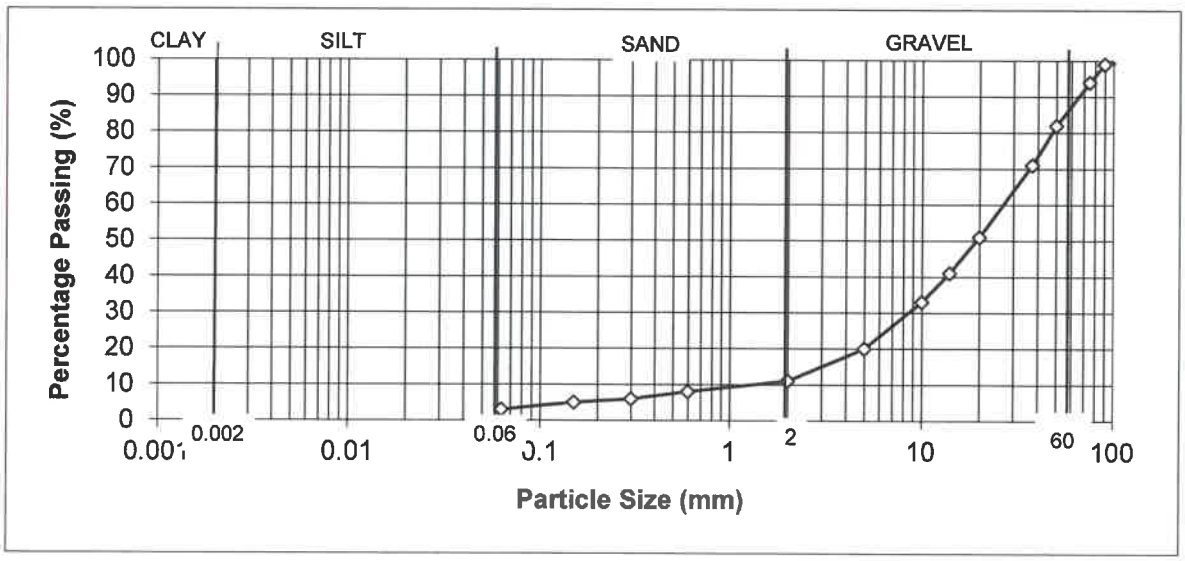
Determination of Moisture Content in accordance with BS 1377: PART 2: Clause 3: 1990 (Oven Dry)

CLIENT	Pearl Environmental (UK) Ltd
SITE	P McGuinness
JOB NUMBER	MRN 4130/16

SAMPLE LABEL	6F2	DATE SAMPLED	23-Jun-21
LAB SAMPLE No	100643	DATE RECEIVED	23-Jun-21
DATE TESTED	24-Jun-21	SAMPLED BY	Client

MATERIAL	6F2
ADVISED SOURCE	Site Won

Sieve Size (mm)	% Passing (%)	Specification (%)	Sieve Size (mm)	% Passing (%)	Specification (%)
125	100	100	10	33	15-60
90	99	80-100	5	20	10-45
75	94	65-100	2	11	
50	82		0.6	8	0-25
37.5	71	45-100	0.3	6	
20	51		0.15	5	
14	41		0.063	3	0-12



REMARKS
Sample complies with the grading requirements for a 6F2 material (SHW 2016)

SIGNED

NAME S.J. Hutchings (Director) DATE 14-Jul-21

Appendix S Material Performance Certificate (MOT Type 1).

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GRADATION ANALYSIS TEST REPORT

Product: **Type 1 GSB**

Material Code: **803**

Supplied by: Dow low Quarry

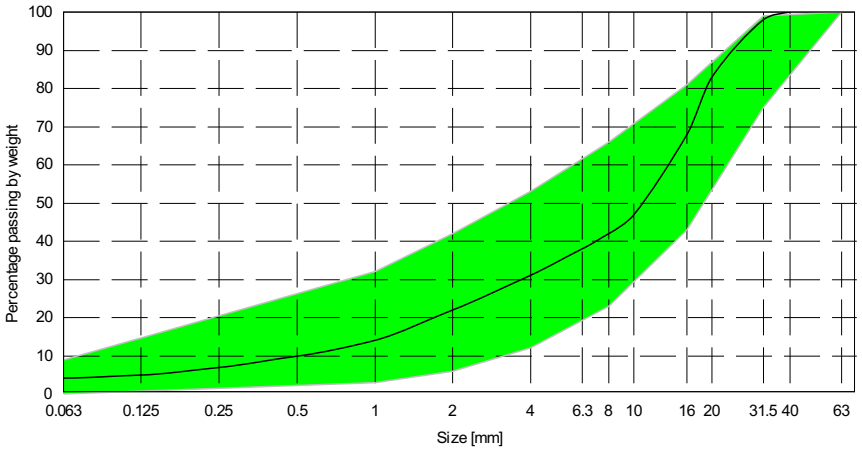
Customer:

Site Address:

Material type: SHW Series 800 / Limestone

Test method: BS EN 933-1:2012

Sample number	14085
Ticket No	
Sampled by	Allsop
Date Sampled	04/05/2021
Sample location	Stockpile
Weather Conditions	Drizzle



Sieve Size (mm)	Percent passing	Specification	Complies (Spec)
125		-	-
80		-	-
63	100	100 - 100	Yes
40	100	-	-
31.5	98	75 - 99	Yes
20	83	-	-
16	68	43 - 81	Yes
10	47	-	-
8	42	23 - 66	Yes
6.3	38	-	-
4	31	12 - 53	Yes
2	22	6 - 42	Yes
1	14	3 - 32	Yes
0.5	10	-	-
0.25	7	-	-
0.125	5	-	-
0.063	4.1	0 - 9.0	Yes
Moisture content (%)	1.3		
Uniformity Coefficient	25		

Sampled By: Allsop Tested By: Allsop Date Tested: 05/05/2021

Appendix T Delivery Notes.

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(2)

McDONNELL HAULAGE LTD.

Collection / Delivery Note

Bulk Excavation • Demolition • Aggregates • Soils • Grab Hire • Tipper Hire

8 Walmersley Old Road, Bury. BL9 6SQ

Tel: 01706 564 095 Mob: 07968 090905

Email: mcdonnellhaulage@gmail.com

No: 8567

Date: 8/7/2021

WCL No: CBDU46027 SIC CODE:

Customer: Henry Construction

Location: Dantzic Street, Manchester

Vehicle Reg: PY21 KPA Driver Name: Vinay

Vehicle Type:

8W TIPPER		6W GRAB		8W GRAB		OTHER	

Material: Crush GFS

Weight: TONNE / KG

Gross: 18x4 Loads Delivered ARR DEP HR

Tare: REASON FOR DELAY:

EWC Code: Net:

Delays or waiting time:

Daywork:	Hours Worked:	Travel Time:	Total Time:

Consignee Signature: Time:

Print Name:

Conditions of Sale: it is essential that all written particulars entered above should be carefully checked by the consignee since this delivery note, once signed by the consignee represents formal acceptance of the material in good order and condition and subsequent complaints cannot be accepted. All complaints whether in respect of material or circumstance of delivery must be made to the driver of the vehicle and confirmed in writing direct to the company immediately

McDONNELL HAULAGE LTD. (3)

Collection / Delivery Note

Bulk Excavation • Demolition • Aggregates • Soils • Grab Hire • Tipper Hire

8 Walmersley Old Road, Bury. BL9 6SQ
Tel: 01706 564 095 Mob: 07968 090905
Email: mcdonnellhaulage@gmail.com

No: 7451

Date: 8 · 7 · 2021

WCL No: CBDU46027 SIC CODE:

Customer: HENRY CONSTRUCTION

Location: DANTZIC ST MANCHESTER

Vehicle Reg: YD16 ERS Driver Name: Siobhan.

Vehicle Type:	8W TIPPER		6W GRAB		8W GRAB		OTHER	
		✓						

Material: Weight: Weight: TONNE / KG

CRUSH 6F2 ~~18~~ Gross: 1 X 8 W Tare: LOAD Delivered ARR DEP HR

EWC Code: Net: REASON FOR DELAY:

Delays or waiting time:

Daywork:	Hours Worked:	Travel Time:	Total Time:

Consignee Signature: Time:

Print Name:

Conditions of Sale: it is essential that all written particulars entered above should be carefully checked by the consignee since this delivery note, once signed by the consignee represents formal acceptance of the material in good order and condition and subsequent complaints cannot be accepted. All complaints whether in respect of material or circumstance of delivery must be made to the driver of the vehicle and confirmed in writing direct to the company immediately

McDONNELL HAULAGE LTD.

(4)

Collection / Delivery Note

Bulk Excavation • Demolition • Aggregates • Soils • Grab Hire • Tipper Hire

8 Walmersley Old Road, Bury. BL9 6SQ

Tel: 01706 564 095 Mob: 07968 090905

Email: mcdonnellhaulage@gmail.com

No: 8566

Date: 8/7/2024

WCL No: CBDU46027 SIC CODE:

Customer: Henry Construction

Location: Dantzic Street, Manchester

Vehicle Reg: PY24 KPA Driver Name: Jimmy

Vehicle Type:	8W TIPPER	✓	6W GRAB		8W GRAB		OTHER	

Material: Crush 6F5

Weight: TONNE / KG

Gross: 18XX Load ARR Delivered DEP HR

Tare:

REASON FOR DELAY:

EWC Code:

Net:

Delays or waiting time:

Daywork:	Hours Worked:	Travel Time:	Total Time:

Consignee Signature: X

Time:

Print Name: X

Conditions of Sale: it is essential that all written particulars entered above should be carefully checked by the consignee since this delivery note, once signed by the consignee represents formal acceptance of the material in good order and condition and subsequent complaints cannot be accepted. All complaints whether in respect of material or circumstance of delivery must be made to the driver of the vehicle and confirmed in writing direct to the company immediately

McDONNELL HAULAGE LTD.

(5)

Collection / Delivery Note

Bulk Excavation • Demolition • Aggregates • Soils • Grab Hire • Tipper Hire

8 Walmersley Old Road, Bury. BL9 6SQ

Tel: 01706 564 095 Mob: 07968 090905

Email: mcdonnellhaulage@gmail.com

No: 7502

Date: 080721

WCL No: CBDU46027 SIC CODE:

Customer: Henry const

Location: Dantzic ST

Vehicle Reg: PN21KUE Driver Name: Michael C

Vehicle Type:	8W TIPPER	6W GRAB	8W GRAB	OTHER
	\			

Material: 6F2 Delivered

Weight: Weight: TONNE / KG

Gross: _____ _____ ARR _____ DEP _____ HR

Tare: _____ REASON FOR DELAY:

EWC Code: Net: _____

Delays or waiting time: _____

Daywork:	Hours Worked:	Travel Time:	Total Time:

Consignee Signature: Time:

Print Name:

Conditions of Sale: it is essential that all written particulars entered above should be carefully checked by the consignee since this delivery note, once signed by the consignee represents formal acceptance of the material in good order and condition and subsequent complaints cannot be accepted. All complaints whether in respect of material or circumstance of delivery must be made to the driver of the vehicle and confirmed in writing direct to the company immediately

McDONNELL HAULAGE LTD.

(6)

Collection / Delivery Note

Bulk Excavation • Demolition • Aggregates • Soils • Grab Hire • Tipper Hire

8 Walmersley Old Road, Bury. BL9 6SQ

Tel: 01706 564 095 Mob: 07968 090905

Email: mcdonnellhaulage@gmail.com

No: 8568

Date: 8/7/2024

WCL No: CBDU46027 SIC CODE:

Customer: Henry Construction

Location: Dantzic Street, Manchester

Vehicle Reg: RY21 KPA Driver Name: Vinay

Vehicle Type:	8W TIPPER		6W GRAB		8W GRAB		OTHER	
		✓						

Material: Crush 6F2

Weight: TONNE / KG

Gross: 1 8XX Loads ARR Delivered DEP _____ HR

Tare: _____ REASON FOR DELAY:

EWC Code: Net: _____

Delays or waiting time: _____

Daywork:	Hours Worked:	Travel Time:	Total Time:

Consignee Signature: X Time:

Print Name: Y

Conditions of Sale: it is essential that all written particulars entered above should be carefully checked by the consignee since this delivery note, once signed by the consignee represents formal acceptance of the material in good order and condition and subsequent complaints cannot be accepted. All complaints whether in respect of material or circumstance of delivery must be made to the driver of the vehicle and confirmed in writing direct to the company immediately

McDONNELL HAULAGE LTD.

(7)

Collection / Delivery Note

Bulk Excavation • Demolition • Aggregates • Soils • Grab Hire • Tipper Hire

8 Walmersley Old Road, Bury. BL9 6SQ
Tel: 01706 564 095 Mob: 07968 090905
Email: mcdonnellhaulage@gmail.com

No: 7453

Date: 8.7.2021

WCL No: CBDU46027 SIC CODE:

Customer: HENRY CONSTRUCTION

Location: DANTZIC ST MANCHESTER

Vehicle Reg: YO16 ERZ Driver Name: Siobhan

Vehicle Type:	8W TIPPER		6W GRAB		8W GRAB		OTHER	
		✓						

Material: Weight: Weight: TONNE / KG

CRUSH 1 KS Gross: Load Delivered ARR DEP HR

6F2 Tare: REASON FOR DELAY:

EWC Code: Net:

Delays or waiting time:

Daywork:	Hours Worked:	Travel Time:	Total Time:

Consignee Signature: Time:

Print Name:

Conditions of Sale: it is essential that all written particulars entered above should be carefully checked by the consignee since this delivery note, once signed by the consignee represents formal acceptance of the material in good order and condition and subsequent complaints cannot be accepted. All complaints whether in respect of material or circumstance of delivery must be made to the driver of the vehicle and confirmed in writing direct to the company immediately

McDONNELL HAULAGE LTD. (8)

Collection / Delivery Note

Bulk Excavation • Demolition • Aggregates • Soils • Grab Hire • Tipper Hire

8 Walmersley Old Road, Bury. BL9 6SQ
Tel: 01706 564 095 Mob: 07968 090905
Email: mcdonnellhaulage@gmail.com

No: 8569
Date: 8/7/2024

WCL No: CBDU46027 SIC CODE:

Customer: Henry Construction

Location: Dantzic Street, Manchester

Vehicle Reg: RY21 KPA. Driver Name: Vinay

Vehicle Type:	8W TIPPER		6W GRAB		8W GRAB		OTHER	
		✓						

Material: Crush 6F2

Weight: TONNE / KG

Gross: 18X4 Loads Delivered ARR DEP HR

Tare: REASON FOR DELAY:

EWC Code: Net:

Delays or waiting time:

Daywork:	Hours Worked:	Travel Time:	Total Time:

Consignee Signature: Time:

Print Name:

Conditions of Sale: it is essential that all written particulars entered above should be carefully checked by the consignee since this delivery note, once signed by the consignee represents formal acceptance of the material in good order and condition and subsequent complaints cannot be accepted. All complaints whether in respect of material or circumstance of delivery must be made to the driver of the vehicle and confirmed in writing direct to the company immediately

McDONNELL HAULAGE LTD.

Bulk Excavation • Demolition • Aggregates • Soils • Grab Hire • Tipper Hire

8 Walmersley Old Road, Bury. BL9 6SQ
Tel: 01706 564 095 Mob: 07968 090905
Email: mcdonnellhaulage@gmail.com

Collection / Delivery Note

No: 7454

Date: 8.7.2021

WCL No: CBDU46027 SIC CODE:

Customer: HENRY CONSTRUCTION

Location: DAWLISH ST MANCHESTER

Vehicle Reg: YD16 UZRZ Driver Name: Gibbon

Vehicle Type:	8W TIPPER		6W GRAB		8W GRAB		OTHER	
		✓						

Material: Weight: Weight: TONNE / KG

Crush 1x8 W Gross: Load Delivered ARR _____ DEP _____ HR

6F2 Tare: _____ REASON FOR DELAY:

EWC Code: Net: _____

Delays or waiting time: _____

Daywork:	Hours Worked:	Travel Time:	Total Time:

Consignee Signature: Time:

Print Name: Ray

Conditions of Sale: it is essential that all written particulars entered above should be carefully checked by the consignee since this delivery note, once signed by the consignee represents formal acceptance of the material in good order and condition and subsequent complaints cannot be accepted. All complaints whether in respect of material or circumstance of delivery must be made to the driver of the vehicle and confirmed in writing direct to the company immediately

McDONNELL HAULAGE LTD.

10

Collection / Delivery Note

Bulk Excavation • Demolition • Aggregates • Soils • Grab Hire • Tipper Hire

8 Walmersley Old Road, Bury. BL9 6SQ

Tel: 01706 564 095 Mob: 07968 090905

Email: mcdonnellhaulage@gmail.com

No: 8570

Date: 8/7/2021

WCL No: CBDU46027 SIC CODE:

Customer: Henry Construction

Location: Radcliffe Road, Manchester

Vehicle Reg: RY21 KPA. Driver Name: Vinny

Vehicle Type:	8W TIPPER		6W GRAB		8W GRAB		OTHER	
		✓						

Material: Crush 6F2

Weight: TONNE / KG

Gross: 1 8x4 Loan ARR Delivered DEP. HR

Tare: REASON FOR DELAY:

EWC Code: Net:

Delays or waiting time:

Daywork:	Hours Worked:	Travel Time:	Total Time:

Consignee Signature: X Time:

Print Name: X

Conditions of Sale: it is essential that all written particulars entered above should be carefully checked by the consignee since this delivery note, once signed by the consignee represents formal acceptance of the material in good order and condition and subsequent complaints cannot be accepted. All complaints whether in respect of material or circumstance of delivery must be made to the driver of the vehicle and confirmed in writing direct to the company immediately

McDONNELL HAULAGE LTD. (13)

Collection / Delivery Note

Bulk Excavation • Demolition • Aggregates • Soils • Grab Hire • Tipper Hire

8 Walmersley Old Road, Bury. BL9 6SQ

Tel: 01706 564 095 Mob: 07968 090905

Email: mcdonnellhaulage@gmail.com

No: 8571

Date: 8/7/2021

WCL No: CBDU46027 SIC CODE:

Customer: Henry Construction

Location: Dantzic Street, Manchester

Vehicle Reg: PY21 KPA Driver Name: Jimmy

Vehicle Type:	8W TIPPER		6W GRAB		8W GRAB		OTHER	
		✓						

Material: Crush 6F2

Weight: TONNE / KG

Gross: 1 8x4 Load ARR Delivered DEP HR

Tare: REASON FOR DELAY:

EWC Code: Net:

Delays or waiting time:

Daywork:	Hours Worked:	Travel Time:	Total Time:

Consignee Signature: ✗ Time:

Print Name: ✗

Conditions of Sale: it is essential that all written particulars entered above should be carefully checked by the consignee since this delivery note, once signed by the consignee represents formal acceptance of the material in good order and condition and subsequent complaints cannot be accepted. All complaints whether in respect of material or circumstance of delivery must be made to the driver of the vehicle and confirmed in writing direct to the company immediately

McDONNELL HAULAGE LTD. (14)

Collection / Delivery Note

Bulk Excavation • Demolition • Aggregates • Soils • Grab Hire • Tipper Hire

8 Walmersley Old Road, Bury. BL9 6SQ

Tel: 01706 564 095 Mob: 07968 090905

Email: mcdonnellhaulage@gmail.com

No: 7456

Date: 8.7.2024

WCL No: CBDU46027 SIC CODE:

Customer: HENRY CONSTRUCTION

Location: DENTICLE ST MANCHESTER

Vehicle Reg: YD16 EKZ Driver Name: [illegible]

Vehicle Type:	8W TIPPER		6W GRAB		8W GRAB		OTHER	
		✓						

Material: Weight: Weight: TONNE / KG

RUBBLE 6F2 1 X 8 Gross: LOAD Delivered. ARR _____ DEP _____ HR

Tare: _____ REASON FOR DELAY:

EWC Code: Net: _____

Delays or waiting time: _____

Daywork:	Hours Worked:	Travel Time:	Total Time:

Consignee Signature: Time:

Print Name:

Conditions of Sale: it is essential that all written particulars entered above should be carefully checked by the consignee since this delivery note, once signed by the consignee represents formal acceptance of the material in good order and condition and subsequent complaints cannot be accepted. All complaints whether in respect of material or circumstance of delivery must be made to the driver of the vehicle and confirmed in writing direct to the company immediately

(15)

McDONNELL HAULAGE LTD.

Collection / Delivery Note

Bulk Excavation • Demolition • Aggregates • Soils • Grab Hire • Tipper Hire

8 Walmersley Old Road, Bury. BL9 6SQ

Tel: 01706 564 095 Mob: 07968 090905

Email: mcdonnellhaulage@gmail.com

No: 8572

Date: 8/7/2024

WCL No: CBDU46027 SIC CODE:

Customer: Henry Construction

Location: Oaktree Street, Manchester

Vehicle Reg: PY21 KPA. Driver Name: Jimmy

Vehicle Type:	8W TIPPER		6W GRAB		8W GRAB		OTHER	
		✓						

Material: Crush 6F2

Weight: TONNE / KG

Gross: 18XX 1000 ARR Delay 0900 DEP ____ HR

Tare: ____ REASON FOR DELAY:

EWC Code: Net: ____

Delays or waiting time: ____

Daywork:	Hours Worked:	Travel Time:	Total Time:

Consignee Signature: X Time:

Print Name: X

Conditions of Sale: it is essential that all written particulars entered above should be carefully checked by the consignee since this delivery note, once signed by the consignee represents formal acceptance of the material in good order and condition and subsequent complaints cannot be accepted. All complaints whether in respect of material or circumstance of delivery must be made to the driver of the vehicle and confirmed in writing direct to the company immediately

McDONNELL HAULAGE LTD.

Collection / Delivery Note

Bulk Excavation • Demolition • Aggregates • Soils • Grab Hire • Tipper Hire

8 Walmersley Old Road, Bury. BL9 6SQ
Tel: 01706 564 095 Mob: 07968 090905
Email: mcdonnellhaulage@gmail.com

No: 7457

Date: 8 7 2024

WCL No: CBDU46027 SIC CODE:

Customer: HENRY CONSTRUCTION

Location: DENTZIC ST MANCHESTER

Vehicle Reg: YA16 BRZ Driver Name: Sidoh.

Vehicle Type:	8W TIPPER		6W GRAB		8W GRAB		OTHER	
		✓						

Material: Weight: Weight: TONNE / KG

Crush 1 x 8 Gross: 1 LOAD Delivered. ARR DEP HR

6F2 Tare: REASON FOR DELAY:

EWC Code: Net:

Delays or waiting time:

Daywork:	Hours Worked:	Travel Time:	Total Time:

Consignee Signature: Time:

Print Name:

Conditions of Sale: it is essential that all written particulars entered above should be carefully checked by the consignee since this delivery note, once signed by the consignee represents formal acceptance of the material in good order and condition and subsequent complaints cannot be accepted. All complaints whether in respect of material or circumstance of delivery must be made to the driver of the vehicle and confirmed in writing direct to the company immediately

McDONNELL HAULAGE LTD.

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Collection / Delivery Note

Bulk Excavation • Demolition • Aggregates • Soils • Grab Hire • Tipper Hire

8 Walmersley Old Road, Bury. BL9 6SQ

Tel: 01706 564 095 Mob: 07968 090905

Email: mcdonnellhaulage@gmail.com

No: 7504

Date: 08 07 21

WCL No: CBDU46027 SIC CODE:

Customer: Henry Const

Location: Dantzic St

Vehicle Reg: PN21KDK Driver Name: Michael C

Vehicle Type:	8W TIPPER	/	6W GRAB		8W GRAB		OTHER	

Material: GFZ Delivered.

Weight: Weight: TONNE / KG

Gross: _____ ARR _____ DEP _____ HR

Tare: _____ REASON FOR DELAY:

EWC Code: Net: _____

Delays or waiting time: _____

Daywork:	Hours Worked:	Travel Time:	Total Time:

Consignee Signature: Time:

Print Name:

Conditions of Sale: it is essential that all written particulars entered above should be carefully checked by the consignee since this delivery note, once signed by the consignee represents formal acceptance of the material in good order and condition and subsequent complaints cannot be accepted. All complaints whether in respect of material or circumstance of delivery must be made to the driver of the vehicle and confirmed in writing direct to the company immediately

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McDONNELL HAULAGE LTD.

Collection / Delivery Note

Bulk Excavation • Demolition • Aggregates • Soils • Grab Hire • Tipper Hire

8 Walmersley Old Road, Bury. BL9 6SQ

Tel: 01706 564 095 Mob: 07968 090905

Email: mcdonnellhaulage@gmail.com

No: 8573

Date: 8/7/2021

WCL No: CBDU46027 SIC CODE:

Customer: Henry Construction

Location: Dantzic Street, Manchester

Vehicle Reg: PY21 KPA Driver Name: Vinny

Vehicle Type:	8W TIPPER		6W GRAB	✓	8W GRAB		OTHER	

Material: Crush 6F2

Weight: TONNE / KG

Gross: 18x4 loads Delivered ARR DEP HR

Tare: REASON FOR DELAY:

EWC Code: Net:

Delays or waiting time:

Daywork:	Hours Worked:	Travel Time:	Total Time:

Consignee Signature: Time:

Print Name:

Conditions of Sale: it is essential that all written particulars entered above should be carefully checked by the consignee since this delivery note, once signed by the consignee represents formal acceptance of the material in good order and condition and subsequent complaints cannot be accepted. All complaints whether in respect of material or circumstance of delivery must be made to the driver of the vehicle and confirmed in writing direct to the company immediately

McDONNELL HAULAGE LTD.

Collection / Delivery

Bulk Excavation • Demolition • Aggregates • Soils • Grab Hire • Tipper Hire

8 Walmersley Old Road, Bury. BL9 6SQ
Tel: 01706 564 095 Mob: 07968 090905
Email: mcdonnellhaulage@gmail.com

(19)

No: 7458

Date: 8.7.2024

WCL No: CBDU46027 SIC CODE:

Customer: HENRY Construction

Location: Downs St Manchester

Vehicle Reg: YD16 EBZ Driver Name: Siddra

Vehicle Type:	8W TIPPER		6W GRAB		8W GRAB		OTHER	
		✓						

Material: Weight: Weight: TONNE / KG

Crush 1 & 8 Gross: LOAD Delivered.

6F2 Tare:

EWC Code: Net:

ARR DEP HR

REASON FOR DELAY:

Delays or waiting time:

Daywork:	Hours Worked:	Travel Time:	Total Time:

Consignee Signature: Time:

Print Name:

Conditions of Sale: it is essential that all written particulars entered above should be carefully checked by the consignee since this delivery note, once signed by the consignee represents formal acceptance of the material in good order and condition and subsequent complaints cannot be accepted. All complaints whether in respect of material or circumstance of delivery must be made to the driver of the vehicle and confirmed in writing direct to the company immediately

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McDONNELL HAULAGE LTD.

Collection / Delivery Note

Bulk Excavation • Demolition • Aggregates • Soils • Grab Hire • Tipper Hire

8 Walmersley Old Road, Bury. BL9 6SQ

Tel: 01706 564 095 Mob: 07968 090905

Email: mcdonnellhaulage@gmail.com

No: 18574

Date: 8/July/2021

WCL No: CBDU46027 SIC CODE:

Customer: Henry Construction

Location: Dauntsey Street, Manchester

Vehicle Reg: PY21 KPA. Driver Name: Jimmy

Vehicle Type:

8W TIPPER	✓	6W GRAB		8W GRAB		OTHER	

Material: Crush 6F2

Weight: TONNE / KG

Gross: 1 8X4 Loads ARR Delivered DEP HR

Tare: REASON FOR DELAY:

EWC Code: Net:

Delays or waiting time:

Daywork:	Hours Worked:	Travel Time:	Total Time:

Consignee Signature: Time:

Print Name:

Conditions of Sale: it is essential that all written particulars entered above should be carefully checked by the consignee since this delivery note, once signed by the consignee represents formal acceptance of the material in good order and condition and subsequent complaints cannot be accepted. All complaints whether in respect of material or circumstance of delivery must be made to the driver of the vehicle and confirmed in writing direct to the company immediately

McDONNELL HAULAGE LTD. 21

Collection / Delivery Note

Bulk Excavation • Demolition • Aggregates • Soils • Grab Hire • Tipper Hire

8 Walmersley Old Road, Bury. BL9 6SQ

Tel: 01706 564 095 Mob: 07968 090905

Email: mcdonnellhaulage@gmail.com

No: 7505

Date: 08.07.21

WCL No: CBDU46027 SIC CODE:

Customer: Henry Const

Location: Dantzic St

Vehicle Reg: PNZ1KCK Driver Name: Michael C

Vehicle Type:	8W TIPPER	6W GRAB	8W GRAB	OTHER

Material: 6F2 Delivered

Weight: Weight: Gross: _____ Tare: _____ Net: _____

TONNE / KG

_____ ARR _____ DEP _____ HR

REASON FOR DELAY:

EWC Code:

Delays or waiting time: _____

Daywork:	Hours Worked:	Travel Time:	Total Time:

Consignee Signature: _____ Time: _____

Print Name: _____

Conditions of Sale: it is essential that all written particulars entered above should be carefully checked by the consignee since this delivery note, once signed by the consignee represents formal acceptance of the material in good order and condition and subsequent complaints cannot be accepted. All complaints whether in respect of material or circumstance of delivery must be made to the driver of the vehicle and confirmed in writing direct to the company immediately

McDONNELL HAULAGE LTD.

Collection / Delivery Note

Bulk Excavation • Demolition • Aggregates • Soils • Grab Hire • Tipper Hire

8 Walmersley Old Road, Bury. BL9 6SQ

Tel: 01706 564 095 Mob: 07968 090905

Email: mcdonnellhaulage@gmail.com

No: 7459

Date: 8.7.2024

WCL No: CBDU46027 SIC CODE:

Customer: HENRY CONSTRUCTION

Location: Dantzic St MANCHESTER

Vehicle Reg: YB16 ERZ Driver Name: Richard

Vehicle Type:	8W TIPPER		6W GRAB		8W GRAB		OTHER	
		✓						

Material: Weight: Weight: TONNE / KG

Clean 1 x W Gross: LOAD Delivered - ARR _____ DEP _____ HR

6F2

Tare: _____ REASON FOR DELAY:

EWC Code: Net: _____

Delays or waiting time: _____

Daywork:	Hours Worked:	Travel Time:	Total Time:

Consignee Signature: Time:

Print Name:

Conditions of Sale: it is essential that all written particulars entered above should be carefully checked by the consignee since this delivery note, once signed by the consignee represents formal acceptance of the material in good order and condition and subsequent complaints cannot be accepted. All complaints whether in respect of material or circumstance of delivery must be made to the driver of the vehicle and confirmed in writing direct to the company immediately

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McDONNELL HAULAGE LTD.

Collection / Delivery Note

Bulk Excavation • Demolition • Aggregates • Soils • Grab Hire • Tipper Hire

8 Walmersley Old Road, Bury. BL9 6SQ

Tel: 01706 564 095 Mob: 07968 090905

Email: mcdonnellhaulage@gmail.com

No: 8575

Date: 8/July/2021

WCL No: CBDU46027 SIC CODE:

Customer: Hensey Construction

Location: Dantzic Street, Manchester

Vehicle Reg: PY21 KPA Driver Name: Jimmy

Vehicle Type:

8W TIPPER	✓	6W GRAB		8W GRAB		OTHER	

Material: Crush 6F2

Weight: TONNE / KG

Gross: 18x4 Loco Deliveries ARR DEP HR

Tare: REASON FOR DELAY:

EWC Code: Net:

Delays or waiting time:

Daywork:	Hours Worked:	Travel Time:	Total Time:

Consignee Signature: X Time:

Print Name: X

...ns of Sale: it is essential that all written particulars entered above should be carefully checked by the consignee since ...note, once signed by the consignee represents formal acceptance of the material in good order and condition and ...plaints cannot be accepted. All complaints whether in respect of material or circumstance of delivery must be ...he vehicle and confirmed in writing direct to the company immediately

McDONNELL HAULAGE LTD.

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Collection / Delivery Note

Bulk Excavation • Demolition • Aggregates • Soils • Grab Hire • Tipper Hire

8 Walmersley Old Road, Bury. BL9 6SQ

Tel: 01706 564 095 Mob: 07968 090905

Email: mcdonnellhaulage@gmail.com

No: 7506

Date: 08.07.21

WCL No: CBDU46027 SIC CODE:

Customer: Henry CONST

Location: DUNTZIC ST

Vehicle Reg: PN21KCK Driver Name: Michael C

Vehicle Type:	8W TIPPER		6W GRAB		8W GRAB		OTHER	
		\						

Material: GFZ delivered.

Weight: Weight: TONNE / KG

Gross: _____ _____ ARR _____ DEP _____ HR

Tare: _____ REASON FOR DELAY:

EWC Code: Net: _____

Delays or waiting time: _____

Daywork:	Hours Worked:	Travel Time:	Total Time:

Consignee Signature: Time:

Print Name:

Conditions of Sale: it is essential that all written particulars entered above should be carefully checked by the consignee since this delivery note, once signed by the consignee represents formal acceptance of the material in good order and condition and subsequent complaints cannot be accepted. All complaints whether in respect of material or circumstance of delivery must be made to the driver of the vehicle and confirmed in writing direct to the company immediately

McDONNELL HAULAGE LTD.

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Collection / Delivery Note

Bulk Excavation • Demolition • Aggregates • Soils • Grab Hire • Tipper Hire

8 Walmersley Old Road, Bury. BL9 6SQ

Tel: 01706 564 095 Mob: 07968 090905

Email: mcdonnellhaulage@gmail.com

No: 7460

Date: 8.7.2024

WCL No: CBDU46027 SIC CODE:

Customer: HENRY Construction

Location: Dentric St Manchester

Vehicle Reg: YD16 EEZ Driver Name: Sridhar

Vehicle Type:	8W TIPPER	✓	6W GRAB		8W GRAB		OTHER	

Material: Crush 1 LEW 6F2

Weight: Gross: Weight: Tare: Net: TONNE / KG

LOAD Delivered

ARR DEP HR

REASON FOR DELAY:

EWC Code:

Delays or waiting time:

Daywork:	Hours Worked:	Travel Time:	Total Time:

Consignee Signature: Time:

Print Name:

Conditions of Sale: it is essential that all written particulars entered above should be carefully checked by the consignee since this delivery note, once signed by the consignee represents formal acceptance of the material in good order and condition and subsequent complaints cannot be accepted. All complaints whether in respect of material or circumstance of delivery must be made to the driver of the vehicle and confirmed in writing direct to the company immediately

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McDONNELL HAULAGE LTD.

Collection / Delivery Note

Bulk Excavation • Demolition • Aggregates • Soils • Grab Hire • Tipper Hire

8 Walmersley Old Road, Bury. BL9 6SQ

Tel: 01706 564 095 Mob: 07968 090905

Email: mcdonnellhaulage@gmail.com

No: 8576

Date: 8/7/2021

WCL No: CBDU46027 SIC CODE:

Customer: Henry Construction

Location: Radzic Street Manchester

Vehicle Reg: PY21 KPA. Driver Name: Jimmy

Vehicle Type:

8W TIPPER		6W GRAB		8W GRAB		OTHER	
	✓						

Material: Crush 6F2

Weight: TONNE / KG

Gross: 18X4 2000 ARR Delivered DEP _____ HR

Tare: _____ REASON FOR DELAY:

EWC Code: Net: _____

Delays or waiting time: _____

Daywork:	Hours Worked:	Travel Time:	Total Time:

Consignee Signature: Time:

Print Name:

Conditions of Sale: it is essential that all written particulars entered above should be carefully checked by the consignee since this delivery note, once signed by the consignee represents formal acceptance of the material in good order and condition and subsequent complaints cannot be accepted. All complaints whether in respect of material or circumstance of delivery must be made to the driver of the vehicle and confirmed in writing direct to the company immediately

McDONNELL HAULAGE LTD. 27

Collection / Delivery Note

Bulk Excavation • Demolition • Aggregates • Soils • Grab Hire • Tipper Hire
8 Walmersley Old Road, Bury. BL9 6SQ
Tel: 01706 564 095 Mob: 07968 090905
Email: mcdonnellhaulage@gmail.com

No: 7507

Date: 080721

WCL No: CBDU46027 SIC CODE:

Customer: Henry const

Location: Dantzic ST

Vehicle Reg: PN21KCZ Driver Name: Michael C

Vehicle Type:

8W TIPPER	6W GRAB	8W GRAB	OTHER
	X		

Material: GFZ Delivered

Weight: Weight: TONNE / KG

Gross: _____ _____ ARR _____ DEP _____ HR

Tare: _____ REASON FOR DELAY:

EWC Code: Net: _____

Delays or waiting time: _____

Daywork:	Hours Worked:	Travel Time:	Total Time:

Consignee Signature: [signature] Time: _____

Print Name: _____

Conditions of Sale: it is essential that all written particulars entered above should be carefully checked by the consignee since this delivery note, once signed by the consignee represents formal acceptance of the material in good order and condition and subsequent complaints cannot be accepted. All complaints whether in respect of material or circumstance of delivery must be made to the driver of the vehicle and confirmed in writing direct to the company immediately

McDONNELL HAULAGE LTD. 28

Collection / Delivery Note

Bulk Excavation • Demolition • Aggregates • Soils • Grab Hire • Tipper Hire

8 Walmersley Old Road, Bury. BL9 6SQ
Tel: 01706 564 095 Mob: 07968 090905
Email: mcdonnellhaulage@gmail.com

No: 7461

Date: 8.7.2024

WCL No: CBDU46027 SIC CODE:

Customer: HENRY CONSTRUCTION.

Location: DONTIZEC ST, MANCHESTER.

Vehicle Reg: YB16 ERZ. Driver Name: Sinbad.

Vehicle Type:	8W TIPPER		6W GRAB		8W GRAB		OTHER	
		✓						

Material: Crush 6F2

Weight: Gross: 1X8W LOAD Delivered.

Tare:

Net:

EWC Code:

TONNE / KG

ARR _____ DEP _____ HR

REASON FOR DELAY:

Delays or waiting time:

Daywork:	Hours Worked:	Travel Time:	Total Time:

Consignee Signature: Time:

Print Name:

Conditions of Sale: it is essential that all written particulars entered above should be carefully checked by the consignee since this delivery note, once signed by the consignee represents formal acceptance of the material in good order and condition and subsequent complaints cannot be accepted. All complaints whether in respect of material or circumstance of delivery must be made to the driver of the vehicle and confirmed in writing direct to the company immediately

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McDONNELL HAULAGE LTD.

Collection / Delivery Note

Bulk Excavation • Demolition • Aggregates • Soils • Grab Hire • Tipper Hire

8 Walmersley Old Road, Bury. BL9 6SQ

Tel: 01706 564 095 Mob: 07968 090905

Email: mcdonnellhaulage@gmail.com

No: 8577

Date: 8/7/2021

WCL No: CBDU46027 SIC CODE:

Customer: Henry Construction

Location: Dantzic Street, Manchester

Vehicle Reg: PY21 KPA Driver Name: Elvan

Vehicle Type:	8W TIPPER	6W GRAB	8W GRAB	OTHER
	✓			

Material: Crush 6F2

Weight: TONNE / KG

Gross: 18 X4 Load ARR Delivered DEP _____ HR

Tare: _____ REASON FOR DELAY:

EWC Code: Net: _____

Delays or waiting time: _____

Daywork:	Hours Worked:	Travel Time:	Total Time:

Consignee Signature: Time:

Print Name:

Conditions of Sale: it is essential that all written particulars entered above should be carefully checked by the consignee since this delivery note, once signed by the consignee represents formal acceptance of the material in good order and condition and subsequent complaints cannot be accepted. All complaints whether in respect of material or circumstance of delivery must be made to the driver of the vehicle and confirmed in writing direct to the company immediately

Appendix U Developer Declaration.

© Terragen Environmental Consultants 2021

Henry Construction Project Limited

DATE 02/09/2021

To whom it may concern,

RE: Remediation Strategy and Contamination

I write to confirm that LK Consults remediation strategy was implemented across Victoria Riverside and that no unexpected contamination was encountered.

Yours sincerely,

David McPherson

Project Manager

Henry Construction Projects Limited
Parkway Farm, Church Road, Cranford, Hounslow, TW5 9RY

Mobile: +44 (0) 7391 238571
E-mail: **dmcpherson@henryconstruction.co.uk**