AN APPLICATION TO VARY ENVIRONMENTAL PERMIT NUMBER EPR/DP3131NM FOR THE NON-HAZARDOUS WASTE TREATMENT INSTALLATION OPERATED BY JOHNSONS AGGREGATES AND RECYCLING LIMITED AT SAXON BRICKWORKS, WHITTLESEY, CAMBRIDGESHIRE

Report reference: JAG/WH/AW/5713/01/AR
July 2024

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This report has been prepared by MJCA with all reasonable skill, care and diligence, and taking account of the Services and the Terms agreed between MJCA and the Client. This report is confidential to the client and MJCA accepts no responsibility whatsoever to third parties to whom this report, or any part thereof, is made known, unless formally agreed by MJCA beforehand. Any such party relies upon the report at their own risk.

1. Proposed changes

1.1 MJCA is commissioned by Johnsons Aggregates and Recycling Limited (JARL) to prepare an application to vary Environmental Permit number EPR/DP3131NM (the permit) for the non-hazardous waste treatment facility operated by JARL at Saxon Brickworks, Whittlesey, Cambridgeshire, PE7 1PJ (the site). The permit was first issued on 14 January 2022 and has not been varied to date following issue. The site location is shown on Figure 1. The site is centred approximately at National Grid Reference (NGR) TL 25464 97168 and the boundary of the site the subject of the permit is shown outlined in green on the drawing at Schedule 7 of the permit. For reference, a copy of Schedule 7 of the permit is presented at Appendix A.

1.2 The permit currently authorises the receipt, storage and processing of up to 250,000 tonnes per annum (tpa) of Incinerator Bottom Ash (IBA) to produce Incinerator Bottom Ash Aggregate (IBAA) including recovery of ferrous and non-ferrous metals from the IBA, the receipt and storage and screening of up to 50,000 tpa of construction and demolition (C&D) wastes and blending/mixing of the treated C&D waste with IBAA and aggregate.

1.3 The proposed changes to the permit which are the subject of this variation application are listed below. For ease of reference an updated version of Table S1.1 of the permit is included with this variation application to identify by Activity Reference (AR) the changes the subject of this application to vary the permit. The changes in relation to tonnages of waste are summarised in the table below the list.

i. An increase in the total quantity of IBA waste accepted at the site from 250,000 tpa to 460,000 tpa (Table S2.2).

ii. An increase in the total quantity of C&D waste accepted at the site from 50,000 tpa to 154,000 tpa (Table S2.3).

iii. An increase in the daily treatment capacity for the treatment of IBA from 1,000 tonnes per day (tpd) to 2,000 tpd (Installation Activity reference A1).

iv. An increase in the maximum quantity of IBA stored at any one time prior to treatment from 52,000 tonnes to 75,000 tonnes and an increase in the maximum stockpile height for IBA from 4.6m to 6.7m to accommodate the increase in storage capacity (Directly Associated Activity (DAA) reference AR2).

v. An increase in the maximum quantity of IBAA stored at any one time following treatment from 38,304 tonnes to 50,000 tonnes and an increase in the maximum stockpile height for IBAA from 4.6m to 6.7m to accommodate the increase in storage capacity (DAA reference AR3).

vi. An increase in the maximum quantity of ferrous and non-ferrous metals stored at any one time following treatment from 1,786 tonnes to 2,500 tonnes (DAA reference AR3). This will include storage of recovered metal in containers in a new building (building 3) [. See item xii for further details of building 3.

vii. An increase in the maximum quantity of C&D waste stored at any one time from 7,373 tonnes to 15,000 tonnes and an increase in the maximum stockpile height for C&D waste from 4.6m to 5.5m to accommodate the increase in storage capacity (Waste operation reference AR8). Modification of the wording for the limits of activity for blending of IBAA with non-waste aggregate to provide clarity (see Table S1.1).

viii. Inclusion in Table S2.3 of additional waste types for receipt, storage and processing under activity AR8 (C&D waste processing). An updated version of Table S2.3 is provided with this application. All of the additional waste types are waste types which are included in Appendix C of the WRAP/Environment Agency Quality Protocol (QP) for Aggregates from inert waste as wastes considered to be inert waste for the purpose of the QP.

ix. Addition of crushing of C&D waste at the site (Waste operation reference AR8).

x. Addition of crushing of IBA/IBAA on a campaign basis (Installation Activity reference A1).

xi. Inclusion in Table S2.2 of four additional IBA derived waste types comprising 19 12 12 comprising only processed incinerator bottom ash aggregate (IBAA), 19 01 02 ferrous materials removed from bottom ash, 19 12 02 ferrous metal and 19 12 03 non-ferrous metal. Although IBAA currently is produced, processed and stored at the site, and ferrous and non-ferrous metals are recovered from IBA and IBAA at the site, the permit currently does not authorise these waste types to be accepted at/imported to the site from other processing facilities. The four waste types that it is proposed will be accepted at the site will be consistent generally

with the waste types already handled and stored at the site hence the controls for the management of these waste types already are implemented and demonstrated to be effective. For clarity, an updated version of Table S2.2 is provided with this application. The purpose of importing these waste types to the site is to undertake further processing of the wastes to enhance metal recovery. The processing will be undertaken using the plant and processes already installed and authorised to be undertaken at the site. For the avoidance of doubt, as the metals referred to under waste codes 19 01 02, 19 12 02 and 19 12 03 have been recovered from IBA or IBAA (ie from a waste which has been generated from an incineration process), they do not comprise combustible waste as defined in the Environment Agency guidance on Fire Prevention Plans, hence a Fire Prevention Plan is not required for the storage and management of these waste types at the site.

xii. A change in the Environmental Permit boundary to add a small additional area measuring approximately 0.35 hectares to the permitted area. The revised Environmental Permit boundary is shown in green on Figure 2. A comparison of the drawings presented at Appendix A and Figure 2 shows the additional area of land to be included in the permit boundary in the south western part of the site adjacent to and west of building 2 and includes an additional building (building 3). As a result of the boundary change the total site area will increase by less than 7.5%. As the permitted area will increase, the Site Condition Report has been updated and is provided at Appendix B.

xiii. An increase in the site operational hours to include 24 hour operation in building 1. These changes are supported by a noise impact assessment and a noise management plan which are discussed in further detail below.

Activity	Permit Table	Current	Proposed
IBA acceptance	S2.2	250,000 tpa	460,000 tpa
C&D waste acceptance	S2.3	50,000 tpa	154,000 tpa
Daily treatment capacity IBA	S1.1 A1	1,000 tpd	2,000 tpd
IBA stored prior to treatment	S1.1 AR2	52,000 t	75,000 t
Treated IBAA storage	S1.1 AR3	38,304 t	50,000 t
Ferrous/non-ferrous waste storage	S1.1 AR3	1,786 t	2,500 t
C&D waste storage	S1.1 AR8	7,373 tonnes	15,000 t

Summary of the proposed changes in tonnages

Content of the application

1.4 The application has been prepared with reference to relevant guidance provided by the Environment Agency on the gov.uk website. Parts A, C2, C3 and F1 of the Environment Agency Environmental Permit Application Forms are presented at Appendix C. A non-technical summary of the application is presented at Appendix D.

1.5 The application is supported by a qualitative Environmental Risk Assessment (ERA) for accidents, odour, noise and fugitive emissions presented at Appendix E. The ERA assesses the potential impacts to the surrounding environment from the proposed changes at the site. In the ERA it is concluded that the proposed changes will not increase significantly the potential for nuisance impact on the surrounding environment. Based on the assessment presented in the ERA it is unnecessary to update the approved Odour Management Plan[1] for the site. An Air Quality Environmental Impact Assessment (AQEIA)[2] was prepared in support of the original permit application. The AQEIA has been updated to assess the potential impacts on air quality from the proposed changes at the site. A copy of the updated AQEIA is presented at Appendix F. The AQEIA concludes that "..*the overall significance of fugitive dust effects as a result of the operation of the facility were predicted to be not significant*" and "*The results of the assessment indicated the predicted odour effect significance was negligible at all receptors. Following review of the relevant factors, overall odour effects associated with the operation of the facility were predicted to be not significant*".

1.6 An Environment Agency approved Dust Management Plan (DMP) is implemented at the site. The DMP has been updated to reflect the proposed changes the subject of this variation application and is presented at Appendix G. The DMP identifies the operations at the site which may have the potential to have an impact on air quality as a result of emissions of particulate matter, presents the details of the operational controls which are implemented to minimise emissions and describes the monitoring which will be carried out to confirm the effectiveness of the management controls. The DMP has been prepared with reference to the AQEIA.

[1] Version 5. Issue 04 dated 08/1/2021 referred to in Table S1.2 of the permit.

[2] NoiseAir Acoustics and Air Quality. Air Quality Environmental Impact Assessment. Proposed Industrial Development Saxon Brickworks, Whittlesey. Report Ref: P4648-R1-V2. 17 June 2021. Version 2.

Improvement programme requirements

Particulate Matter improvement conditions

1.7 Table S1.3 of the permit specifies two improvement programme requirements in respect of particulate matter. The requirements are reproduced below:

Table S1.3 Improvement programme requirements		
Reference	**Requirement**	**Date**
IC1	The operator shall undertake continuous monitoring of particulate matter in ambient air following full commissioning of the permitted site operations for a period of 6 months. The monitoring shall be undertaken in accordance with the approved Dust Management Plan for the site, the Environment Agency Technical Guidance Note (Monitoring) M8 – Monitoring of Ambient Air and M17 – Monitoring Particulate Matter in Ambient Air around Waste Facilities.	13/08/22
IC2	Following the completion of IC1, the operator shall submit a report of the monitoring of particulate matter in ambient air to the Environment Agency for written approval. Where the report shows that dust emission is occurring beyond the site boundary and/or is having an impact at the sensitive receptor locations, the operator shall submit a proposal for mitigation of the impact of particulate matter arising from the site's operations. The proposal shall take into account appropriate measures for reduction of particulate matter as specified in the Non-hazardous and inert waste: appropriate measures for permitted facilities and Environment Agency's Technical Guidance 384_12 – Storing and treating incinerator bottom ash. The proposal shall include timescales for implementation.	13/10/22

1.8 EA Compliance Assessment Report (CAR) Report ID: DP3131NM/0481953 dated 27 November 2023 confirms that the requirements set out within IC1 and IC2 have been achieved and that the improvement programme requirements for particulate matter are regarded as completed. A copy of the CAR form is presented at Appendix H. The approval of IC1 and IC2 demonstrates that JARL have in place the measures to manage effectively and monitor emissions of particulate matter at the facility. In the CAR form it is stated: '*Active dust suppression remains the most effective method for reducing particulate concentrations and the operator is required to continue to operate in accordance with their approved DMP at all times*'. As described above, the DMP (presented at Appendix G) has been updated to provide details of how the active dust suppression employed at the site will continue to be employed at the site to control and reduce the potential for emissions of particulate matter from the existing activities and proposed changes in the activities set out in this application.

Noise improvement conditions

1.9 Table S1.3 of the permit specifies two improvement programme requirements in respect of noise. The requirements are reproduced below (please note – there is a typographical error in IC4 (it should refer to "*the monitoring required under IC3*" not "*IC4*").

IC3	The operator shall undertake noise monitoring in line with BS4142:2014+A1:2019 to validate the data that is used in the Noise Impact Assessment submitted with the application EPR/DP3131NM/A001. Following the review of the noise data, the operator shall submit a revised Noise Impact Assessment report which reviews the effectiveness of the site's noise management plan to the Environment Agency for written approval. In the event that the noise monitoring identifies the need for noise abatement measures, the operator shall submit a proposal for additional mitigation measures together with timescales for implementation to the Environment Agency for written approval. The operator shall implement the approved mitigation measures in according with the timescales agreed with the Environment Agency.	13/08/22
IC4	Following the completion of the monitoring required under IC4, the operator shall review and submit updated Noise Management Plan to the Environment Agency for written approval.	13/10/22

1.10 CAR Report ID: DP3131NM/0486051 dated 20 December 2023 confirms that "*The validated noise monitoring assessment (Johnsons Noise Monitoring April23 v2.2 140823.pdf) has already reported low potential for adverse noise impacts. Refer to Compliance Assessment Report (CAR) Form ID: DP3131NM/0476283 issued on 01/10/2023.*" The CAR form dated December 2023 discusses the updated Noise Management Plan[3] provided by JARL pursuant to IC4 and confirms that the Noise Management Plan is approved in full and that IC4 has been achieved. The CAR form dated December states that, "*Once approved, NMPs must be reviewed at regular intervals and sooner if there* …[are] *changes to the operations taking place.*" As there are proposed changes to the operations (see paragraph 1.3 above), JARL instructed LFAcoustics to undertake a noise impact assessment to assess the proposed changes and to prepare an updated Noise Management Plan. The noise impact assessment has been undertaken with reference to the guidance provided within BS4142[4]. A copy of the noise impact assessment (NIA) and a copy of the Noise Management Plan both prepared by LFAcoustics are presented at Appendix I. In the

[3] Noise Management Plan Whittlesey V6 – dated 31/11/2023.

[4] British Standard 4142:2014+A1:2019 Methods for rating and assessing industrial and commercial sound, British Standards Institution 2019

summary of the NIA it is stated that "*Noise levels during the daytime periods would not increase as a result of the additional throughput, with a reduction in noise levels anticipated due to the additional mitigation and control measures to be implemented".* Details of the additional mitigation and control measures are presented in the NIA. In the summary of the NIA it is stated that "*Overnight with Buildings 1 and 2 operational, noise levels would not increase above those accepted for the current application, which considers the operation of Building 2. This demonstrates that the proposed night-time operation would not result in a potential for adverse noise impacts at the neighbouring properties."*

2. Additional information to support the Application Forms

Application form Part A – Question 5c – Details of the directors

2.1 There are six current officers recorded on the Companies House website for Johnsons Aggregates and Recycling Limited. There is only space in Form Part A to enter the details of two officers. The details of the six officers are listed below.

Title	First Name(s)	Last Name	Role
Ms	Helen Maria	Johnson	Secretary
Mr	Paul Warwick	Capell	Director
Mr	Jonathan Gareth	Earl	Director
Mr	Lewis George David	Johnson	Director
Mr	Steven David	Johnson	Director
Mr	Phil David	Wood	Director

Application form Part A – Appendix 1 – Date of birth information

2.2 As the Appendix identifies that this information is required only for '*applications for a new permit or transferring a permit*', Appendix 1 has not been completed.

Application form Part C2 – Table 1 – Changes to existing activities

2.3 As there is insufficient space in Table 1 of application form part C2, an updated version of Table S1.1 of the permit is included with this variation application to identify the changes to the existing activities the subject of this application to vary the permit.

Application form Part C2 – Section 3

2.4 The site will continue to be managed in accordance with an environmental management system (EMS) pursuant to Condition 1.1.1(a) of the permit using sufficient competent persons and resources pursuant to Condition 1.1.1(b) of the permit. A summary of the EMS is presented at Appendix J and the Certificate of Technical Competence (COTC) for the technically competent site manager is presented[5] at Appendix K.

[5] At the time of submission of the application, the COTC was not available. The COTC will be provided to the Environment Agency under separate cover.

Application form Part C3 – Table 1a What activities are you applying to vary?

2.5 As there is insufficient space in Table 1a of application form part C3, an updated version of Table S1.1 of the permit is included with this variation application to provide details of the current and new activities including details of the DAAs.

2.6 Updated versions of Table S2.3 waste types for receipt, storage and processing under activity AR8 (C&D waste processing) and Table S2.2 waste types and quantities for treatment and storage under Activities AR1 and AR2 (IBA treatment and storage) are provided with the application together with the details of the restrictions on the waste types.

Application form Part C3 – Table 3a – Technical standards

2.7 In the decision document for the permit issued on 14 January 2022, the Environment Agency confirmed that the operating techniques at the site are in line with the Waste Treatment Best Available Techniques (BAT) Conclusions[6] and the Waste Incineration BAT Conclusions[7]. As explained in Paragraph 1.3 and shown in the revised version of Table S1.1 provided with this application to vary the permit, with the exception of changes to the tonnages of material handled, the only new installation activity is the crushing of IBA/IBAA on a campaign basis (Paragraph 1.3 item x). As this comprises a new treatment activity under installation activity reference A1, a BAT assessment of the crushing activity has been undertaken and is presented at Appendix L. The BAT assessment concludes that based on the risk posed by the activity and the implemented control measures, the crushing activity does not need to be undertaken within an enclosed building. As there are no other changes to the operating techniques for the activities already permitted under installation activities A1, AR2, AR3, AR4, AR5, AR6 and AR7 and as the Environment Agency have confirmed that these activities already comprise BAT, it is unnecessary to re-assess these activities as part of this permit variation application. Waste operation (non-Installation) activities are not subject to BAT requirements.

[6] COMMISSION IMPLEMENTING DECISION (EU) 2018/1147 of 10 August 2018 establishing best available techniques (BAT) conclusions for waste treatment, under Directive 2010/75/EU of the European Parliament and of the Council

[7] COMMISSION IMPLEMENTING DECISION (EU) 2019/2010 of 12 November 2019 establishing the best available techniques (BAT) conclusions, under Directive 2010/75/EU of the European Parliament and of the Council, for waste incineration

Application form Part C3 – Question 3a1 – Operating Techniques

2.8 As a result of this application to vary the permit, Dust Management Plan V9, Issue 06 dated 11/12/2021 specified in Table S1.2 of the permit will be superseded by V15 of the Dust Management Plan provided at Appendix G.

TABLES

Table S1.1 Activities

Table S1.1 Activities Proposed changes are identified in blue font.				
Activity reference	**Activity listed in Schedule 1 of the EP Regulations**	**Description of specified activity and WFD Annex I and II operations**	**Limits of specified activity and waste types**	**Supporting documents provided with the application to vary the permit**
A1	S5.4 A(1) (b) (iii) Recovery or a mix of recovery and disposal of non-hazardous waste with a capacity exceeding 75 tonnes per day involving treatment of slags and ashes.	R4: Recycling/reclamation of metals and metal compounds R5: Recycling/reclamation of other inorganic materials	From receipt of permitted waste through to treatment and recovery of the by-product (IBAA). Treatment of IBA in an enclosed building/enclosure using a combination of a trommel, vibrating screens, electrostatic and magnetic separators. Treatment of IBA and IBAA by crushing for the purpose of recovery. Annual treatment capacity for crushing is limited to 30,000 tonnes per year. Treatment shall take place on an impermeable surface with sealed drainage. ~~The daily treatment capacity is limited to 1000 tonnes per day.~~ The daily treatment capacity is limited to 2000 tonnes per day. Waste types as specified in Table S2.2 (waste types updated)	Dust Management Plan Noise Impact Assessment Air Quality Assessment Environmental Risk Assessment BAT Review Updated Table S2.2
Directly Associated Activity				
AR2	Storage of IBA waste prior to treatment	R13: Storage of waste pending the operations numbered R1, R4 and R5 (excluding temporary storage, pending collection, on the site where it is produced)	From receipt of waste to its recovery. Storage shall take place on an impermeable surface with sealed drainage system. ~~The maximum height of stockpiles is limited to 4.6m.~~ The maximum height of stockpiles is limited to 6.7m. ~~The maximum quantity of IBA stored at any one time prior to treatment is limited to 52,000 tonnes.~~ The maximum quantity of IBA stored at any one time prior to treatment is limited to 75,000 tonnes. Waste types as specified in Table S2.2.	Dust Management Plan Air Quality Assessment Environmental Risk Assessment BAT Review (Application Report)
AR3	Storage of wastes recovered from the IBA treatment	R13: Storage of waste pending the operations	From recovery of waste/by-product to despatch off-site for use.	Dust Management Plan Air Quality Assessment

Table S1.1 Activities Proposed changes are identified in blue font.				
Activity reference	**Activity listed in Schedule 1 of the EP Regulations**	**Description of specified activity and WFD Annex I and II operations**	**Limits of specified activity and waste types**	**Supporting documents provided with the application to vary the permit**
	processes	numbered R1, R4 and R5 (excluding temporary storage, pending collection, on the site where it is produced)	Storage of processed IBAA, ferrous and non-ferrous metals after treatment. ~~The maximum height of stockpiles is limited to 4.6m.~~ The maximum height of stockpiles is limited to 6.7m. ~~The maximum quantity of IBAA, ferrous/non-ferrous stored at any one time after treatment is limited to 38,304 and 1786 tonnes respectively.~~ The maximum quantity of IBAA, ferrous/non-ferrous stored at any one time after treatment is limited to 50,000 and 2,500 tonnes respectively. Storage shall take place on an impermeable surface with sealed drainage system.	Environmental Risk Assessment BAT Review (Application Report)
AR4	N/A	Storage of raw materials	From the receipt of raw materials to despatch for use within the facility. Raw materials as specified in Table S2.1.	N/A – No changes proposed
AR5		Abatement systems - operation of dust filtration units in building 2	Captured dust/particulates to be fully contained. There shall be no venting or release of dust from the abatement units to the atmosphere.	N/A – No changes proposed
AR6	N/A	Uncontaminated roof water collection and storage	Collection and storage of uncontaminated roof and site surface water in tanks. From collection of uncontaminated roof water to re-use within the facility.	N/A – No changes proposed
AR7	N/A	Collection and storage of contaminated surface water	From the collection of waste water produced at the facility to re-use within the facility or despatch off-site for recovery or disposal. Contaminated surface water runoff and process water/effluent collected from waste storage and treatment areas shall be stored temporarily in the wedge-pits or above-ground tanks prior to reuse or dispatch off-site.	N/A – No changes proposed

	Description of activities for waste operations	**Limits of activities**	
AR8	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) R4: Recycling/reclamation of metals and metal compounds R5: Recycling/reclamation of other inorganic compounds	From receipt of waste to despatch off-site for use its recovery. ~~Treatment operations shall be limited to screening for the purpose of recovery.~~ Treatment operations shall be limited to sorting, separation, screening, crushing and blending of waste for the purpose of recovery. Mixing of ~~the treated C&D waste with~~ IBAA with non-waste ~~and virgin~~ aggregate in line with the product specifications. ~~The maximum height of stockpiles is limited to 4.6m.~~ The maximum height of stockpiles is limited to 5.5m for C&D waste and 6.7m for IBAA. ~~The maximum quantity of C&D waste stored at any one time is limited to 7373 tonnes~~. The maximum quantity of C&D waste stored at any one time is limited to 15,000 tonnes. Storage and treatment shall take place on an impermeable surface with sealed drainage system (mixing of IBAA with non-waste aggregate) or on hardstanding (aggregate recycling). Waste types as specified in Table S2.3 (waste types updated)	Dust Management Plan Noise Impact Assessment Air Quality Assessment Environmental Risk Assessment Updated Table S2.3

Table S2.2

Permitted waste types and quantities for treatment and storage under AR1 and AR2 Activities – IBA treatment and storage activities

Table S2.2 Permitted waste types and quantities for treatment and storage under AR1 and AR2 Activities – IBA treatment and storage activities.		
Maximum quantity	**The total quantity of waste accepted at the site under the IBA treatment and storage activities shall not exceed 460,000 tonnes per year.**	
LoW Code	**Waste Description**	**Comments**
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	New waste type to be added in Variation V002
19 01 12	bottom ash and slag other than those mentioned in 19 01 11	Already specified in Table S2.2 of the permit
19 12	wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified	
19 12 02	ferrous metal	New waste type to be added in Variation V002
19 12 03	Non-ferrous metal	New waste type to be added in Variation V002
19 12 12	Other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11 – processed incinerator IBAA and residual IBA received back for recovery	New waste type to be added in Variation V002

Notes

Waste types currently permitted to be accepted at the site are coloured in blue

New waste types proposed to be included in the application to vary the Environmental Permit are coloured in red

All of the proposed new waste types are waste types which already are generated at the site during the IBA treatment process. Inclusion of these waste types will enable these waste types to be imported to the site from other IBA treatment sites for further processing.

Table S2.3
Permitted waste types and quantities for treatment and storage under AR8 Activity – C&D waste treatment and storage activity

Table S2.3 Permitted waste types and quantities for treatment and storage under AR8 Activity – C&D waste treatment and storage activity		
Maximum quantity	**The total quantity of waste accepted at the site under the C&D waste treatment and storage activity shall not exceed 154,000 tonnes per year.**	
LoW Code	**Waste Description**	**Comments**
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	New waste type to be added in Variation V002. May include excavation from mineral workings.
01 04 09	Waste sand and clays	New waste type to be added in Variation V002. Waste sand only. Must not include contaminated sand.
10	WASTES FROM THERMAL PROCESSES	
10 11	wastes from manufacture of glass and glass products	
10 11 03	waste glass-based fibrous materials	New waste type to be added in Variation V002. Allowed only if: Wastes without organic binders.
15	WASTE PACKAGING WASTE PACKAGING	
15 01	Packaging (including separately collected municipal packaging waste)	
15 01 07	Glass packaging	New waste type to be added in Variation V002.
17	CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)	
17 01	concrete, bricks, tiles and ceramics	
17 01 01	Concrete (excluding concrete slurry)	New waste type to be added in Variation V002. Must not include concrete slurry.
17 01 02	bricks	New waste type to be added in Variation V002.
17 01 03	tiles and ceramics	New waste type to be added in Variation V002.
17 01 07	mixtures of concrete, bricks, tiles and ceramics other than those mentioned in 17 01 06	Already specified in Table S2.3 of the permit.
17 02	wood, glass and plastic	
17 02 02	glass	New waste type to be added in Variation V002. Must not include fibreglass or glass fibre.
17 03	bituminous mixtures, coal tar and tarred products	
17 03 02	bituminous mixtures other than those mentioned in 17 03 01 (road planning)	Already specified in Table S2.3 of the permit.
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	Already specified in Table S2.3 of the permit.
17 05 06	Dredging spoil other than those mentioned in 17 05 05	New waste type to be added in Variation V002. Allowed only if: Inert aggregate from dredgings. Must not contain contaminated dredgings. Must not contain fines.
17 05 08	track ballast other than those mentioned in 17 05 07	Already specified in Table S2.3 of the permit.
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	Already specified in Table S2.3 of the permit.
19	WASTES FROM WASTE MANAGEMENT FACILITIES, OFF-SITE WASTE WATER TREATMENT PLANTS AND PREPARATION OF WATER INTENDED FOR HUMAN CONSUMPTION/INDUSTRIAL USE	
19 12	wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified	
19 12 05	glass	New waste type to be added in Variation V002. Does not include glass from cathode ray tubes.
19 12 09	minerals (for example sand, stones)	New waste type to be added in Variation V002. Must not contain contaminated concrete, bricks, tiles, sand, stone or gypsum from recovered plasterboard.
20	MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	
20 01	separately collected fractions (except 15 01) separately collected fractions (except 15 01)	
20 01 02	glass	New waste type to be added in Variation V002. Must not include fibreglass.
20 02	Garden and park wastes (including cemetery wastes)	
20 02 02	Soil and stones	New waste type to be added in Variation V002. Must not contain contaminated stones from garden and parks waste.

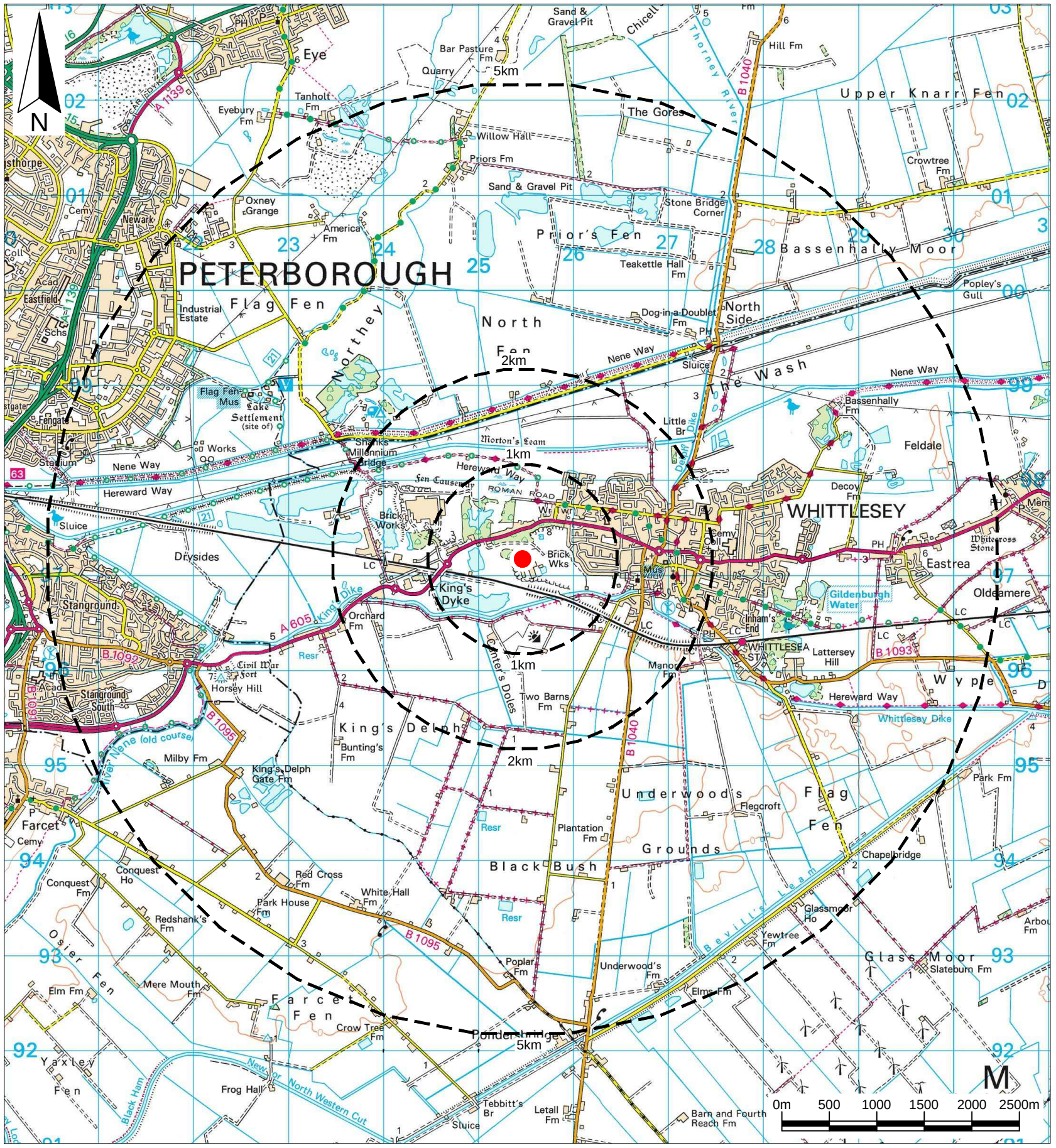
Notes

Waste types currently permitted to be accepted at the site are coloured in blue

New waste types proposed to be included in the application to vary the Environmental Permit are coloured in red

All of the waste types in Table S2.3 are waste types which are included in Appendix C of '*WRAP/Environment Agency Quality Protocol (QP) Aggregates from inert waste End of waste criteria for the production of aggregates from inert waste'* as '*wastes considered to be inert waste for the purpose of* the QP *and to be acceptable for the production of recycled aggregates'*.

FIGURES



Key / Notes

Site location

Offset from the site location

Rev	Status	Drn	App	Chk	Date
	Final	KR	AW	LH	28/06/24

Site: WHITTLESEY

Client: Johnsons Aggregates and Recycling Limited

Title: The site location

Figure 1

Scale: 1:50,000@A3

Drawing Ref: JAG/WH/04-24/24317

MJCA
Technical advisers on environmental issues

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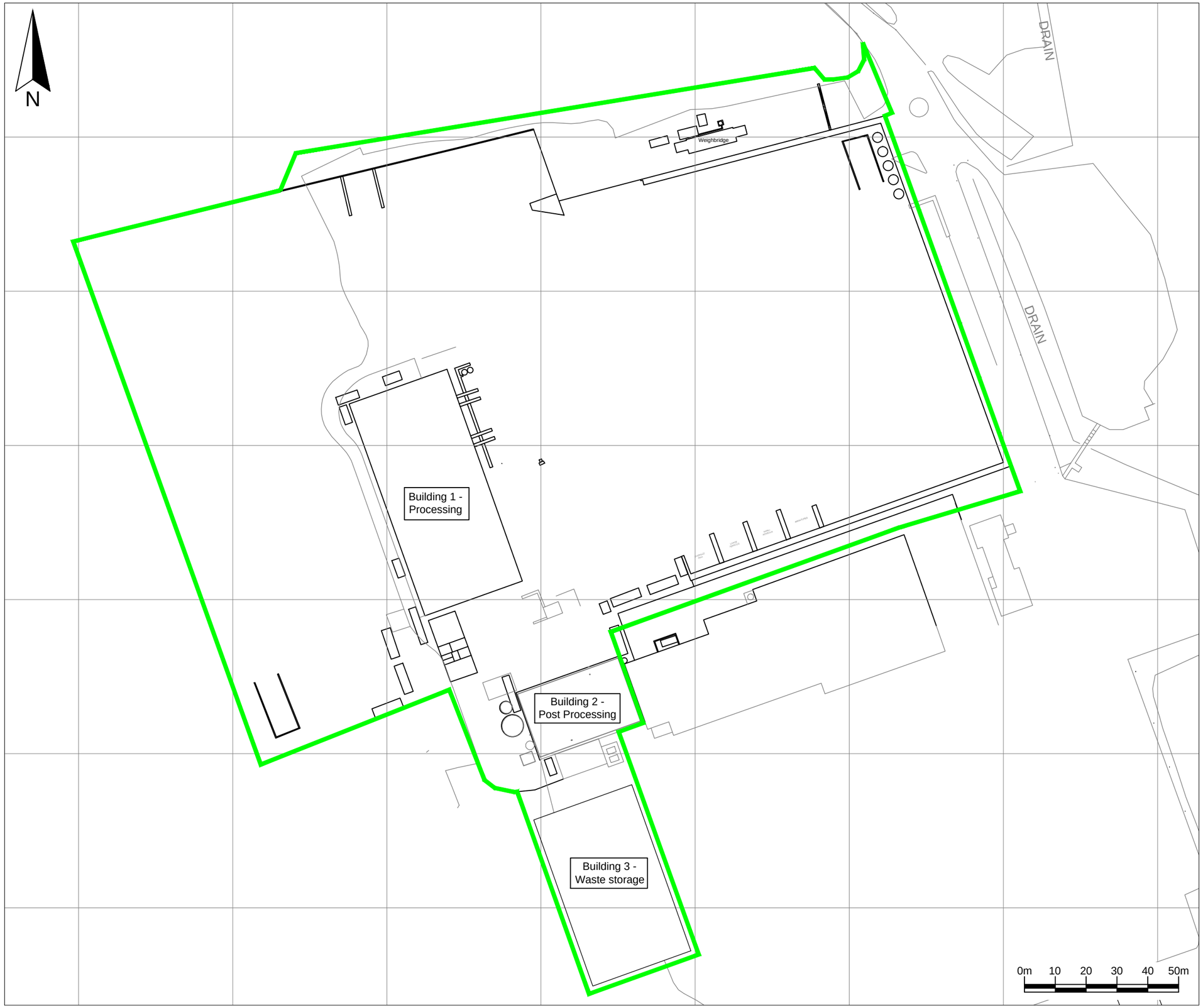

Key / Notes

Environmental Permit boundary

Note:
Based on aCAD Services Bureau (Coolsite LTD) drawing reference 2609-ACA-ALL-00-DR-X-0003 dated 25 September 2023.

Rev	Status	Drn	App	Chk	Date
	Final	KR	AW	LH	28/06/24

Site
WHITTLESEY

Client
Johnsons Aggregates and Recycling Limited

Title
Proposed Environmental Permit Boundary

Figure 2

Scale
1:1,250@A3

Drawing Ref
JAG/WH/05-24/24371

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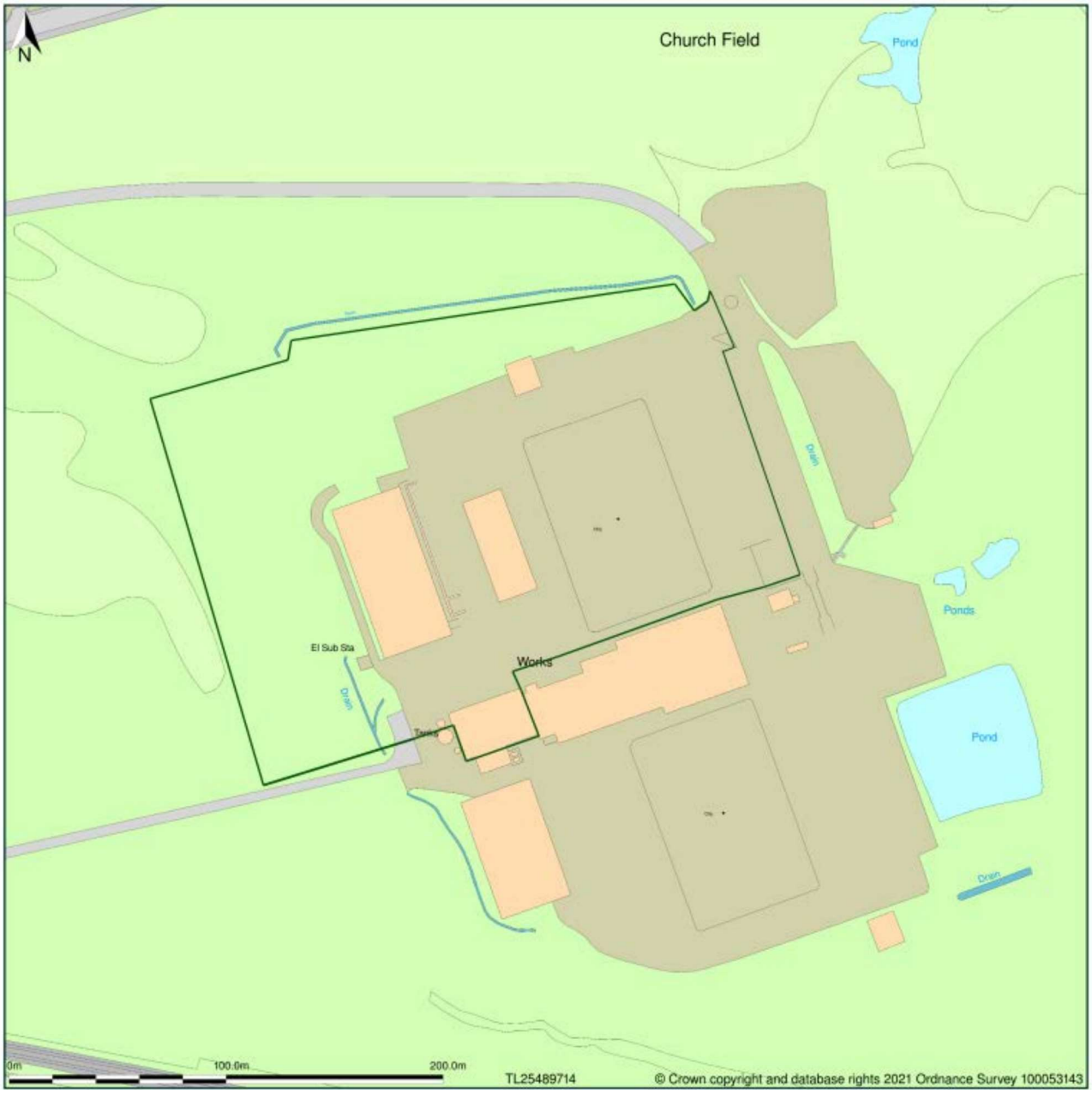
APPENDICES

APPENDIX A

CURRENT PERMIT BOUNDARY

Schedule 7 – Site plan



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END OF PERMIT

APPENDIX B

SITE CONDITION REPORT

APPENDIX C

APPLICATION FORMS

APPENDIX D

NON-TECHNICAL SUMMARY

APPENDIX E

ENVIRONMENTAL RISK ASSESSMENT

APPENDIX F

AIR QUALITY ASSESSMENT PREPARED BY NOISEAIR LTD

APPENDIX G

DUST MANAGEMENT PLAN

APPENDIX H

COMPLIANCE ASSESSMENT REPORT (CAR) FORMS RELEVANT TO THE IMPROVEMENT CONDITIONS IN THE ENVIRONMENTAL PERMIT

APPENDIX I

NOISE IMPACT ASSESSMENT/NOISE MANAGEMENT PLAN

APPENDIX J

EMS SUMMARY

APPENDIX K

CERTIFICATE OF TECHNICAL COMPETENCE

PLEASE NOTE – THE CERTIFICATE WAS NOT AVAILABLE AT THE TIME OF SUBMISSION OF THE APPLICATION AND WILL BE PROVIDED UNDER SEPARATE COVER

APPENDIX L

BAT ASSESSMENT