



Rev	Date	Description	DR	CR	C
C	14/12/17	ISSUED FOR INFORMATION	JHC		
B	13/11/17	ISSUED FOR INFORMATION	JHC		
A	08/11/17	ISSUED FOR INFORMATION	JHC		

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Link-Up
Qualified via Audit

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PROJECT MANAGEMENT

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Client: BIOGANIX Ltd

Job Title: BIOGANIX Ltd
BONBY

Drawing Title: SITE LOCATION PLAN

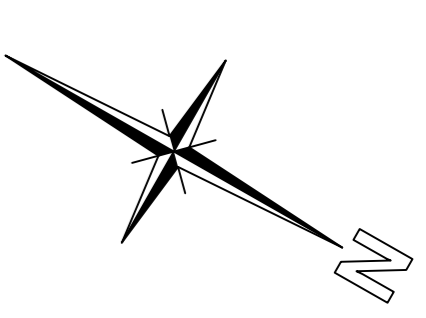
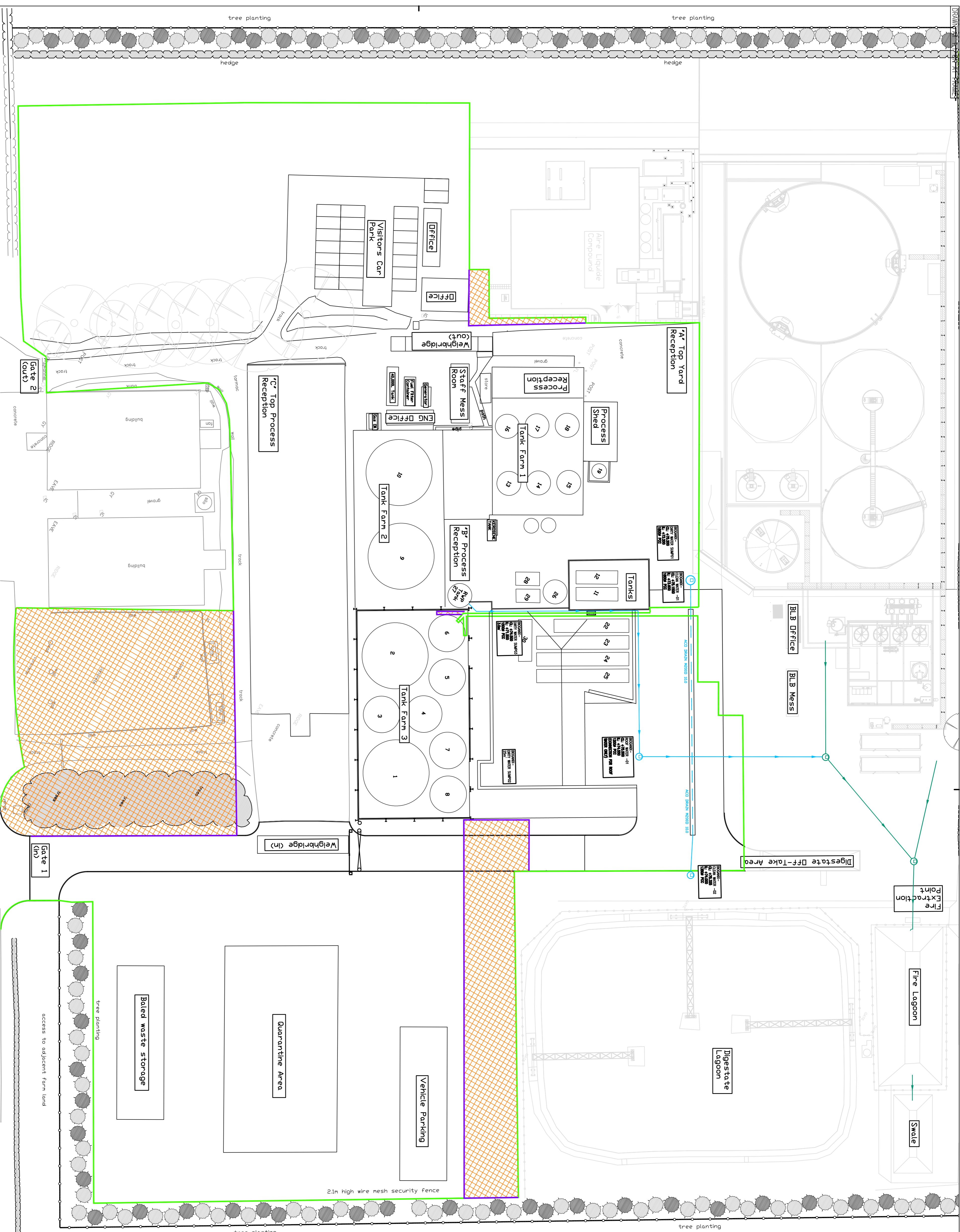
STATUS INFORMATION

Scale: 1:5000 @ A1 Date: NOV 2017

Drawn By: JHC Checked: JHC Approved: JHC

Draw No: 25776 / 160-1 Rev: C

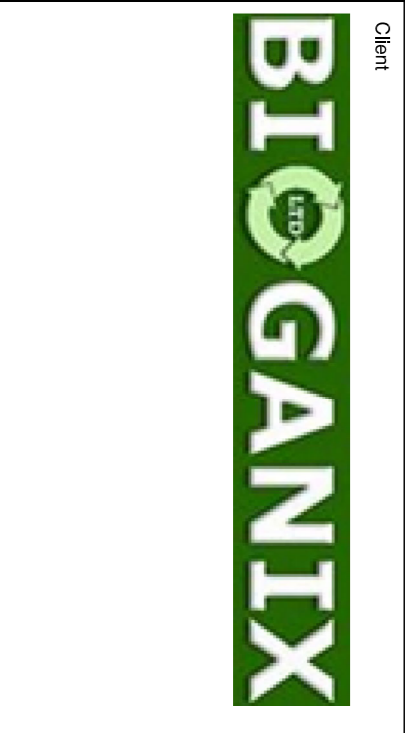
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NOTES:
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Rev	Description	Date	DR	CH
A	Issued for comments	23.08.2020	JHC	
B	Issued for comments	29.09.2020	JHC	
C	Issued for comments	09.10.2020	JHC	

- KEY**
- Biogonix - New Permit Boundary
 - Biogonix - Old Permit Boundary
 - Biogonix - Permit Land Take Over Area



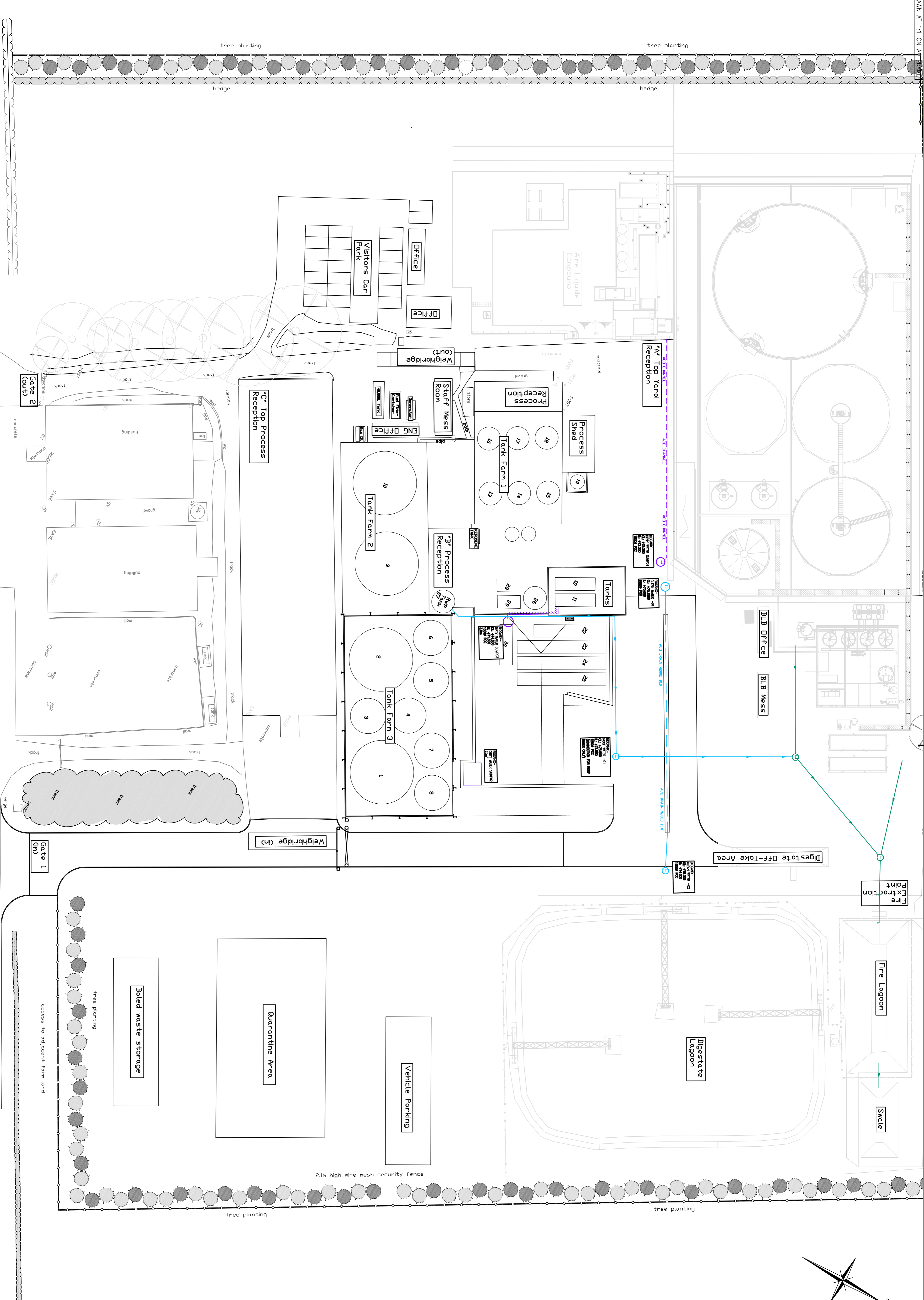
Client
 Biogonix Ltd
 Bonby Lane
 Brigb
 DN20 0PJ

Job Title
 EA Permit
 Permit Land Take Over Plan

Drawing Title

Status	EA PERMITT
Drawn By	J. Collins
Checked	JHC
Approved	JHC
Scale	nts
Date	25th August 2020
Draw No.	BI0101 / 103
Rev	C

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Rev	Description	Date	DR	CH
A	Issued for comments	21.10.2020	JHC	

KEY

- Biogonix – Permit Boundary
- Dirty Water Drainage
- Existing AD Clean Water Drainage
- Clean Water Drainage

Drainage Description

Clean Water
 The clean water system can be broken into two systems. Roof Water & Clean Ford Water

Roof Water
 Water from the roof's is collected via gutters and directed into a rainwater harvesting tank. A high level overflow allows excess water flows to drain via a closed piped gravity system into roof water manhole

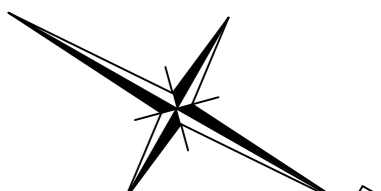
Ford Water
 From this chamber water will flow into the existing AD plant drainage network before outfalling into the fire lagoon. The AD plant drainage system has been designed to cater for the inflow from Biogonix roof's.

Yard Water
 A concrete apron between the new biogonix bund and the AD plant boundary was constructed in 2019. A linear drainage channel has been installed with a collection chamber at each end. Clean Water 01 & 02. Both chambers are blind sumps with no outfall. The water will be storage within the chambers, before being tankered and re-used within the process.

Dirty Water
 The dirty water system can be broken into two systems. Top Ford & New Bund

Top Ford
 An area of concrete yard between the tank farm 1 and the AD bund wall is drained via drainage channel to a blind sump. Dirty Water Sump 01.

New Bund
 The new bund has two sumps, a large sump of 25m³ with no outfall (Sump 02) and another 30m³ manhole (Sump 03) with a pump on a high oilerm into the on above ground storage tank number 11.



Client
Biogonix Ltd
 Bonby Lane
 Brigg
 DN20 0PJ

Job Title
**EA Permit
 Drainage Plan**

Status		EA PERMITT	
Drawn By	J. Collins	Checked	JHC
Appr'd By	JHC	Approved	JHC
Scale	nts	Date	17th October 2020
Draw No.	BI0101 / 105	Rev	A

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NOTES:-

Do not scale from this drawing. Only figured dimensions are to be taken from this drawing.

The contractor must verify all dimensions on site before commencing work. The contractor is responsible for ensuring that the work complies with all applicable regulations and standards. If this drawing exceeds the quantities taken in any way, the designer is to be informed before work is initiated.

Work within the Construction Design and Management (CDM) Regulations 2015 is not to start until a Health and Safety Plan has been produced.

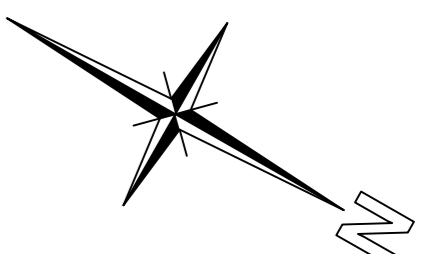
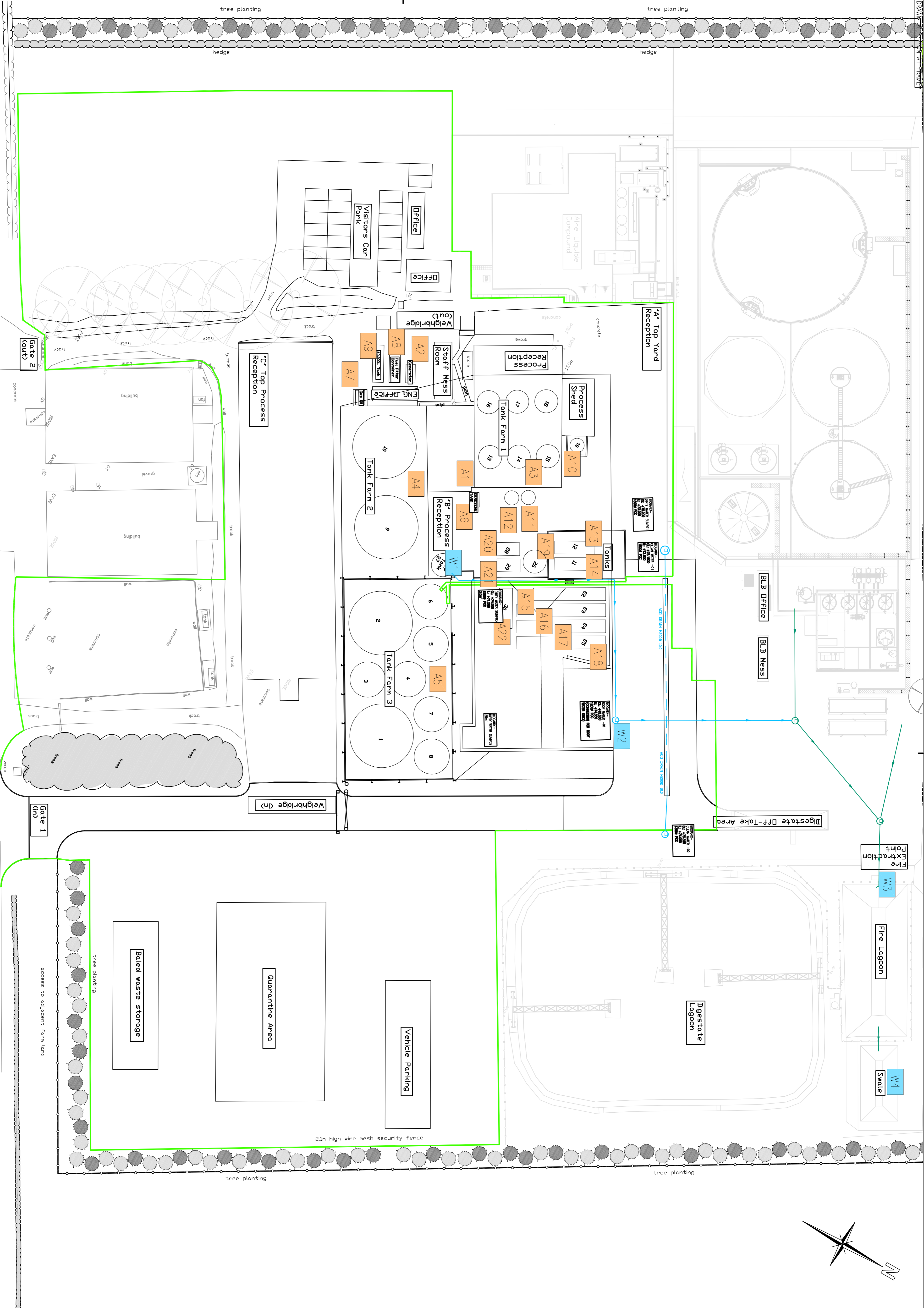
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Rev	Description	Date	DR	CH
A	Issued for comments	14.07.2020	JHC	
B	Emission Points added	14.07.2020	JHC	
C	Emission Points added	29.09.2020	JHC	
D	Emission Points added	09.10.2020	JHC	

KEY

Biogannix – Permit Boundary

- A1 – Vent from Boiler
- A2 – Vent from Generator Exhaust
- A3 – Emissions to Odour Abatement from Tank Farm 1
- A4 – Emissions to Odour Abatement from Tank Farm 2
- A5 – Emissions to Odour Abatement from Tank Farm 3
- A6 – Vent from Kerosene Tank
- A7 – Vent from Fuel Filter Container
- A8 – Vent from 40,000L Tank (Sustainable Oil)
- A9 – Vent from process tank 19
- A10 – Vent from tank 20
- A11 – Vent from tank 21
- A12 – Vent from tank 12
- A13 – Vent from tank 11
- A14 – Vent from tank 22
- A15 – Vent from tank 23
- A16 – Vent from tank 24
- A17 – Vent from tank 24
- A18 – Vent from tank 26
- A19 – Vent from tank 28
- A20 – Vent from tank 29
- A21 – Vent from tank 30
- A22 – Vent from tank 30
- W1 – Rainwater Harvesting Tank
- W2 – Outfall Point From W1 with Sample point
- W3 – Open Fire Lagoon
- W4 – Discharge to Sook-oway



Client
Biogannix Ltd
Bonby Lane
Brigg
DN20 0PJ

Job Title
EA Permit
Emission Points

Status		Checked		Approved		Scale	
EA PERMITT		JHC		JHC		mts	
Drawn By	<i>J. Collins</i>	Checked	JHC	Approved	JHC	Scale	mts
Draw No.	BIO101 / 101	Rev	D	Date	14th July 2020		

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51/539/8004 ABP/HAN

Regulation (EC) No. 1069/2009 and 142/2011

The Animal By-Products (Enforcement) (England) Regulations 2013

The Animal By-Products (Enforcement) (Wales) Regulations 2014

Approval of Handling Plants*

1. In accordance with Regulation 14 of The Animal By-Products (Enforcement) (England) Regulations 2013/ The Animal By-Products (Enforcement) (Wales) Regulations 2014 and Articles 24 and 44 of Regulation (EC) No. 1069/2009, the Secretary of State/Welsh Ministers approves:

Name of Operator

Bioganix

Address of approved premises

Bonby Lane Grain Stores

Bonby
North Lincolnshire

Postcode DN20 0PJ

to operate a:

Plant or establishment handling animal by-products (ABP) by way of sorting, cutting, chilling, freezing, salting, removal of hides and skins or of specified risk material.

Store of ABP.

The category of ABP handled, stored or from which derived product originated is as follows:

Category 1 Category 2 Category 3

2. The ABP shall be received and handled in either the "TAD reception" or the "TAD handling" building as per submitted plan and stored in the tanks marked "1" or "2", for separated oils/fats in the oil tanks respectively.
3. The approval is subject to conditions as per AB16 letter sent and dated on 06 June 2016, due to having shared facilities with Environment Agency controlled operations.

Date

Valid from 19 May 2017

Signature

Name in BLOCK
LETTERS

Carlos Hernandez

A person authorised in that behalf by the Secretary of State/Welsh Ministers

APHA Stafford
Beacon House
Dyson Way
Staffordshire Technology Park
Stafford
ST18 0GU
Tel. 03000200301

Notes

1. All the conditions of The Animal By-Products (Enforcement) (England) Regulations 2013/The Animal By-Products (Enforcement) (Wales) Regulations 2014 and Regulation (EC) No. 1069/2009 and Regulation (EU) No. 142/2011 must be complied with.
2. Changes to the ownership, address or operation of an approved animal by-product premises must be notified to your local Animal and Plant Health Agency (APHA) office.

APHA is an Executive Agency of the Department for Environment, Food and Rural Affairs and also works on behalf of the Scottish Government, Welsh Government and Food Standards Agency to safeguard animal and plant health for the benefit of people, the environment and the economy.

HM3 Stamp	Name:		Date Received:		WS ID:	
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BONBY

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Environmental Policy Statement

Introduction

Bioganax Ltd endorses the objectives of the International Chamber of Commerce (ICC) Charter for Sustainable Development. Bioganax Ltd seeks to continually improve environmental management within the businesses operations.

The main objectives of the Environmental Policy are:

- To use wherever possible, commercially sound natural resources which can be replaced in a life time.
- To prevent pollution at the source whenever and wherever possible.
- To conserve natural resources by the use of energy management recycling and other appropriate means.
- To ensure that the company's facilities and services meet and sustain the regulations of all UK and EU legislation and Agency policies.

Scope

Applies to all operating areas of Bioganax Ltd.

Operating Policy

To operate within the aims and principles of the relevant Legislation and the ICC Charter.

Aims

- Provide guidance on environmental management
- Stimulate all areas to improve environmental performances
- Demonstrate that all aspects of the business are taking environmental responsibility seriously

Principles

- Put environment among the highest of the companies priorities
- Integrate environmental management within the business operations
- Continually improve policy programmes and performances
- Educate, train and motivate employees
- Assess environmental impact before any action is taken

Signed:

Date:

23.10.17

Document Ref: BBLQM008

Version: 1.0

Review: October 2018

No:	Document Reference:	Document Name:	Issue date:	Version:	Owner:
Policy Documents					
1	BBLP001	Accident Management Plan (AMP)	5/10/20	V2.0	Operator
2	BBLP002	Annual Management reviews and audit schedule		V1.0	Operator
3	BBLP003	Closure and Decommissioning Plan		V1.0	Operator
4	BBLP004	Critical spares and equipment maintenance list		V1.0	Operator
5	BBLP005	Daily environmental checks sheet		V1.0	Operator
6	BBLP006	Document control process		V1.0	Operator
7	BBLP007	Drainage maintenance plan		V1.0	Operator
8	BBLP008	Environmental policy		V1.0	Operator
9	BBLP009	Fire Plan (including fire prevention plan if required)		V1.0	Operator
10	BBLP010	Fugitive Emissions Management plan and Risk Assessment (FEMP).	9/10/20	V2.0	Operator
11	BBLP011	HACCP		V1.0	Operator
12	BBLP012	Incident reporting procedures		V1.0	Operator
13	BBLP013	Instrument calibration schedule		V1.0	Operator
14	BBLP014	Lab analysis procedures		V1.0	Operator
15	BBLP015	Legal Register		V1.0	Operator
16	BBLP016	Noise/Vibration management plan (NMP)	13/10/20	V2.0	Operator
17	BBLP017	Odour Management Plan (OMP)	9/10/20	V2.0 Draft	Operator
18	BBLP018	Pest Control Procedure	13/10/20	V2.0	Operator
19	BBLP019	Pipework plan		V1.0	Operator
20	BBLP020	Process monitoring	26/3/18	V1.1	Operator
21	BBLP021	Qualitative Environmental Risk Assessment	9/10/20	V2	Operator
22	BBLP022	H1 Model		V1.0	Operator
23	BBLP023	Raw materials Inventory		V1.0	Operator
24	BBLP024	Roles and responsibilities		V1.0	Operator
25	BBLP025	Sampling procedures		V1.0	Operator
26	BBLP026	Site Condition Report	12/10/20	V2.0	Operator
27	BBLP027	Site Drainage plan		V1.0	Operator
28	BBLP028	Site inductions forms		V1.0	Operator
29	BBLP029	Site Location Plan		V1.0	Operator
30	BBLP030	Site plan (showing structures, boundary emission points)	13/10/20	V2.0	Operator
31	BBLP031	Statement of Energy Efficiency		V1.0	Operator
32	BBLP032	Statutory Monitoring and Reporting	26/3/18	V1.1	Operator
33	BBLP033	Technical description of the plant, including process flow diagrams, process controls and description of plant systems and equipment	19/9/20	V1.3	Operator

34	BBLP034	Training modules		V1.0t	Operator
35	BBLP035	Training needs analysis		V1.0	Operator
36	BBLP036	Washing and Cleaning Schedule		V1.0	Operator
37	BBLP037	Waste acceptance procedure	13/10/20	V2.0	Operator
38	BBLP038	Waste pre-acceptance procedures		V1.0	Operator
39	BBLP039	Waste storage and handling standards		V1.0	Operator
40	BBLP040	Organogram		V1.0	Operator
41	BBLP041	Management of permit overlap	Document to overlap with BLB	V1.0	Operator

Forms

1	BBLF001	Document changes record		V1.0	Operator
2	BBLF002	Documents withdrawn from use		V1.0	Operator
3	BBLF003	General permit to work forms		V1.0	Operator
4	BBLF004	Hot work permit		V1.0	Operator
5	BBLF005	Working at height permit		V1.0	Operator
6	BBLF006	H&S induction check list		V1.0	Operator
7	BBLF007	Incident and Complaint Tracking Sheet		V1.0	Operator
8	BBLF008	Maintenance record sheet		V1.0	Operator
9	BBLF009	Management audit report		V1.0	Operator
10	BBLF010	Master document list		V1.0	Operator
11	BBLF011	Quarterly waste return		V1.0	Operator
12	BBLF012	Record of rejected loads		V1.0	Operator
13	BBLF013	Training records		V1.0	Operator
14	BBLF014	New Supplier Assessment Form		V1.0	Operator
15	BBLF015	Accident and Incident Record form		V1.0	Operator
16	BBLF016	Odour Sniff Test Record Form		V1.0	Operator
17	BBLF017	Daily checks sheet	16/9/20	V2.0	Operator

Standard operating Procedures	Receiving Materials
Document Ref: BBLP037.1	09/05/2017 Review 13/10/20

Process step	Action
Vehicle pulls onto the weighbridge and the driver enters the Office	Visual inspection of Vehicle cleanliness. <ol style="list-style-type: none"> 1. If the vehicle is in poor condition enter into site diary and inform management. 2. If the vehicle is in good condition move to next step.
Paperwork is checked and materials assessed.	<ol style="list-style-type: none"> 1. Is the load booked in and supplier new? If not booked in add to site diary and inform management. 2. Does the Supplier Documents indicate the correct load information? If not add to site diary and report to management. 3. If all's ok move to the next step.
Load assigned to Storage.	<ol style="list-style-type: none"> 1. Solid waste is directed to Process Reception A, or B. 2. Packaged liquid waste is directed to Process Reception C. 3. Liquid waste by tanker is directed to Tank Farm 2 or 3.
Weigh Bridge ticket generated and the vehicle is sent to Appropriate Storage.	<ol style="list-style-type: none"> 1. If the driver is new to site inform management who will escort the load and supervise the unloading. 2. Conformance sampling, as required, will take place within the contained area of the process buildings. 3. Following sampling and visual checks the load will be directed to the correct loading bay/tank and the waste will be discharged under supervision, also enabling further visual inspection. 4. This indicates the end of this stage.

Standard operating Procedures BBLP037.2	Unloading Materials 09/05/2017 Review 13/10/20
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Process step	Action
<p>Solids</p> <p>Vehicle pulls off the weighbridge and the driver Drives as instructed by the weigh bridge operator.</p>	<p>The driver Follows the site rules and drives carefully to the storage/tipping location.</p> <ol style="list-style-type: none"> 1. Packaged solids to Process reception A. 2. Bulk solids to process reception B. 3. The vehicle backs in to place. 4. The material is unloaded whilst supervised. 5. Check for Foreign bodies and contamination. 6. Any issues are written in Site diary (BBLF020) and reported to management. 7. Vehicle cleaned with steam cleaner. 8. Wheels sanitised. Using Spray device.
<p>Liquids</p> <p>Vehicle pulls off the weighbridge and the driver Drives to where he was instructed to go by the weigh bridge operator.</p>	<p>The driver Follows the site rules and drives carefully to the storage/tipping location.</p> <ol style="list-style-type: none"> 1. Packaged liquid to Process reception C. 2. Tankered liquid to Tank Farms 2 or 3. 3. Any issues are written in Site diary and reported to management. 4. Driver couples up and transfers the liquids into the required tank. 5. Vehicles cleaned with steam cleaner and in the event of Spillages and wheels should be sanitised.
<p>Vehicle Returns to the weigh bridge.</p>	<ol style="list-style-type: none"> 1. Driver reports to the Office.