UMBRELLA ENVIRONMENTAL

PROTECTING YOUR BUSINESS

Fire Prevention Plan

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CIWM

Affiliated Organisation 2022

Together, we stand for a world beyond waste

Site Address:
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Park House Farm,
Lower Hordley,
Ellsmere,
Shropshire,
SY12 9BL

VISION RECYCLING UK LTD
WEEE Recycling Experts

Registered Office
Offices At Park House Farm,
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England,
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Who this plan is for

This plan is for the Technically Competent Managers, Site staff, contractors and the local Fire and Rescue Service (FRS).

A copy of this plan will be kept on site and accessible for site staff, contractors or the FRS to review

1 INTRODUCTION

This Fire Prevention Plan (FPP) accompanies the application for a bespoke waste installation EPR/CP3046QE at Park House Farm, Lower Hordley, Ellsmere, Shropshire, SY12 9BL. The site location is shown on plan 010.1_09_001.

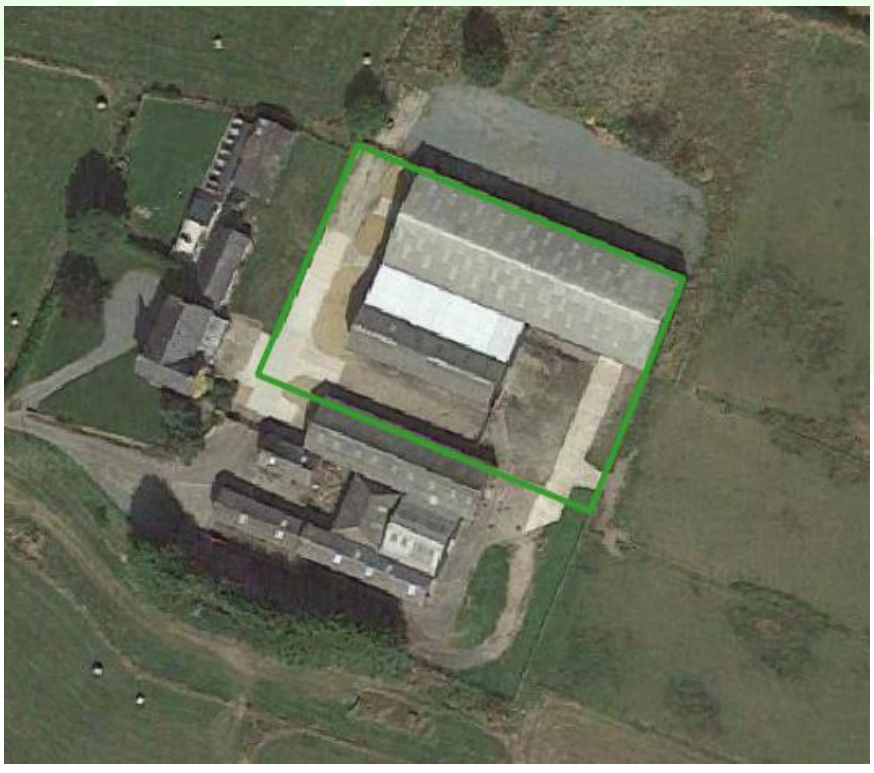
The site was historically a farm with the previous residence utilising the industrial units and associated buildings as a livery. The site is now to be used as a waste treatment facility to recover, recycle and reduce the disposal of WEEE waste to landfill through a process of reverse manufacturing.

The only waste to be accepted on site is Waste Electrical and Electronic Equipment (WEEE) (televisions, batteries, etc.). The site receives waste via the main entrance located on the south eastern boundary. Waste will be brought in by approved local contractors (registered waste carriers), generally on articulated lorries. A 3.5 tonne box van is stored off-site and used on occasion.

The waste activities on site are based on Standard rules SR2015 No15 Waste electrical and electronic equipment authorised treatment facility (ATF) excluding ozone-depleting substances. Certain activities on site are above the limits of this permit and raises the regulatory level of the site. The site will operate to 30 tonnes of hazardous waste to be shredded in a 24 hour period, 100 tonne of hazardous waste stored at any one time of which only up to 10 tonnes will go for disposal see Table 1 Accepted combustible waste.

The site is approximately 2238 m^2 and is located at Park House Farm, Lower Hordley, Ellsmere, Shropshire, SY12 9BL.

Figure 1 Aerial View



2 TYPES OF COMBUSTIBLE MATERIALS

2.1 Combustible waste

The combustible waste accepted on site is dictated by the environmental permit. The table below shows the form of waste accepted.

Table 1 Accepted combustible waste

Exclusions Wastes having any of the following characteristics shall not be accepted: Consisting solely or mainly of dusts, powders or loose fibres.	
Waste Code	**Description**
09	**WASTES FROM THE PHOTOGRAPHIC INDUSTRY**
09 01	**wastes from the photographic industry**
09 01 11*	single-use cameras containing batteries included in 16 06 01, 16 06 02 or 16 06 03
09 01 12	single-use cameras containing batteries other than those mentioned in 09 01 11
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 06	mixed packaging
16	**WASTES NOT OTHERWISE SPECIFIED IN THE LIST**
16 02	**wastes from electrical and electronic equipment**
16 02 09*	transformers and capacitors containing PCBs
16 02 10*	discarded equipment containing or contaminated by PCBs other than those mentioned in 16 02 09
16 02 11*	discarded equipment containing chlorofluorocarbons, hydrochlorofluorocarbons and hydrofluorocarbons
16 02 12*	discarded equipment containing free asbestos
16 02 13*	discarded equipment containing hazardous components other than those mentioned in 16 02 09 to 16 02 1
16 02 14	discarded equipment other than those mentioned in 16 02 09 to 16 02.13
16 02 15*	hazardous components removed from discarded equipment
16 02 16	components removed from discarded equipment other than those mentioned in 16 02 1
16 06	**batteries and accumulator**
16 06 01*	lead batteries
16 06 02*	Ni-Cad batteries
16 06 03*	mercury-containing batteries
16 06 04	alkaline batteries (except 16 06 03)
16 06 05	other batteries and accumulators
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 21*	fluorescent tubes and other mercury-containing waste
20 01 23*	discarded equipment containing chlorofluorocarbons
20 01 33*	Batteries and accumulators included in 16 06 01, 16 06 02 or 16 06 03 and unsorted batteries and accumulators containing these batteries.
20 01 34	Batteries and accumulators other than those mentioned in 20 01 33
20 01 35*	discarded electrical and electronic equipment other than those mentioned in 20 01 21 and 20 01 23 containing hazardous components
20 01 36	discarded electrical and electronic equipment other than those mentioned in 20 01 21, 20 01 23 and 20 01 35

2.2 Persistent organic pollutants

WEEE that is stored on site contains POPs. The WEEE waste is stored and containerised as per site plans 010.1_09_004. After the WEEE is treated and separated into waste fractions the scrap metal fraction is free of POPs. Scrap metal is stored separately in 40 yd^3. In the event of a fire the site plans would be used to identify the fires location by Fire & Rescue Service (FRS). Any fire fighting water would be contained on site prior to testing and removal. Once the firefighting water is identified under waste classification WM3 it will be removed and sent for appropriate treatment.

2.3 Other combustible materials

- COSHH Store
- Oily rags bin
- Office
- Lubricating Oil

3 USING THIS FIRE PREVENTION PLAN

3.1 Where the plan is kept and how staff know how to use it

A hard copy of this FPP will be displayed in the office on site and all staff shall be made aware of the measures outlined in the FPP. The required training of the related procedures shall take place and in the case of an emergency the FPP shall be presented to the FRS upon arrival to site.

All staff are to read the appropriate sections of the FPP which are relevant to their role as part of their induction and sign a training log. Any changes to the FPP shall be communicated to staff via training.

Visitors and visiting contractors are given a brief overview of key fire related measures such as the evacuation assembly point and any fire extinguishers in their work area. If their visits extend over considerable length of time or on a regular basis they will be encouraged to read the plan in full and sign the training log. The assembly point is located outside the boundary of the site on the main access road see firefighting water location plan 010.1_09_011.

Emergency services will be allowed immediate access to the FPP and further hard or digital copies can be made available if required

3.2 Testing the plan and staff training

Evacuation and fire drills are conducted monthly at the discretion of the Site Management and are recorded in the site appendix B, and any issues addressed through site meetings and further training if necessary

4 FIRE PREVENTION PLAN CONTENTS

The waste activities on site are based on Standard rules SR2015 No15 Waste electrical and electronic equipment authorised treatment facility (ATF) excluding ozone-depleting substances. Certain activities on site are above the limits of this permit and this raises the regulatory level of the site. The site will operates up to 30 tonnes of hazardous waste to be shredded in a 24 hour period, 100 tonne of hazardous waste stored at any one time of which only up to 10 tonnes will go for disposal see Table 2 Permitted Activities.

Table 2 Permitted Activities

Activity Reference	Disposal and Recovery Codes
Section 5.4 A(1) (a)(v) and/or (b)(iv) - non-hazardous waste installation – treatment in shredders of metal waste, including WEEE and end of life vehicles and their components.	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) R3: Recycling/reclamation of organic substances which are not used as solvents R4: Recycling/reclamation of metals and metal compounds R5: Recycling/reclamation of other inorganic materials D15: Storage pending any of the operations numbered D1 to D14 (excluding temporary storage, pending collection, on the site where it is produced)
Section 5.3 A(1)(a)(ii) -Disposal or recovery of hazardous waste with a capacity exceeding 10 tonnes per day involving physico-chemical treatment.	
Section 5.6 (A)(1) - temporary or underground storage of hazardous waste.	

4.1 Directly Associated Activities

- Storage of non-hazardous waste (any amount) prior to treatment.

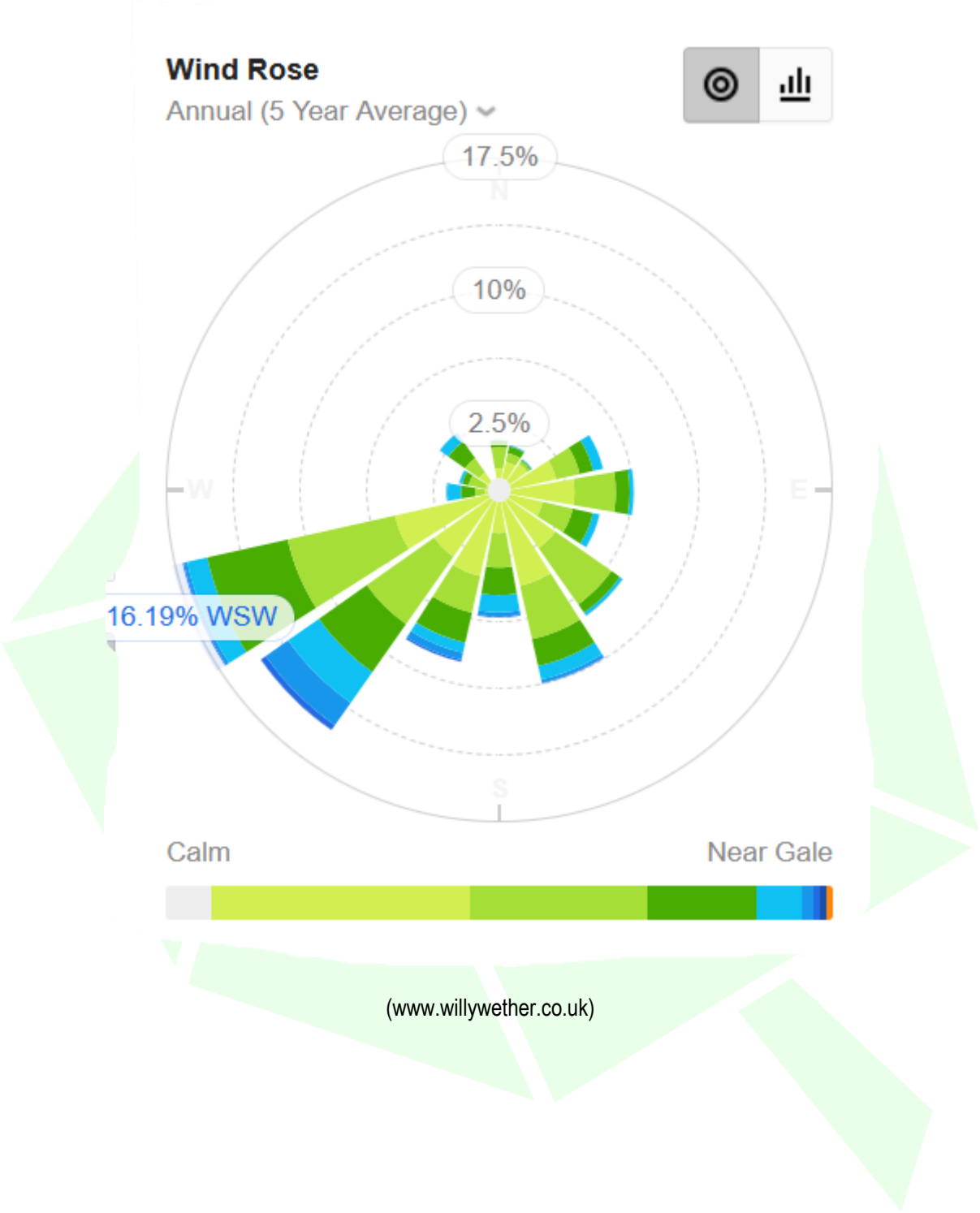
4.2 Site plan

The layout of the site is shown in site layout plan 010.1_09_004.

4.3 Plan of sensitive receptors near the site

Sensitive receptors have been identified up to 1 km and are shown on the sensitive receptors plan 010.1_09_005. A full list of receptors is also shown in the sensitive receptors table in appendix F. The sensitive receptors shown are in all directions of the site. The closest observing station where weather data is available is from Cockshutt WM SY12 0. 3.3 km east of the site (based on observations between 2017 – present). Figure 2 Wind Rosebelow shows the wind rose for Cockshut which indicates the prevailing wind is WSW.

Figure 2 Wind Rose



(www.willyweather.co.uk)

5 MANAGE COMMON CAUSES OF FIRE

5.1 Arson

The risk of arson on site is relatively low, the site is monitored 24/7 by CCTV see plan CCTV Locations. The operator also lives on site in the associated buildings at Park House Farm. All waste except one container is stored internally in a lockable building, see site plan 010.1_09_004 preventing easy access to intruders.

5.2 Plant and equipment

Plant and equipment located on site;

- Shredder
- Over band Magnet
- Shaker X 3
- Hammer Mill
- Eddy Current
- Optical Sorter
- Fork Lift X 2

Maintenance schedule shown in appendix L.

5.3 Electrical faults including damaged or exposed electrical cables

Any electrical faults noticed on site during normal inspections or throughout the working day are isolated. A qualified electrician will be called to resolve the problem. If required, the electric shall be switched off at the fuse box to prevent an ignition risk.

5.3.1 Electrics certification

Electrics will be fully certified by a competent person (once built and supplies appendix K).

5.3.2 Electrical equipment maintenance arrangements

Electrics on site are maintained on a regular basis and as and when required. Building electrics are certified a minimum of every 5 years

5.4 Discarded smoking materials

Will be isolated in quarantine area or in situ if un safe to move waste to the quarantine area.

5.4.1 Smoking on site policies

No smoking is allowed on site. designated smoking area located outside the boundary of the site see site layout plan 010.1_09_004.

5.5 Hot works safe working practices

Site has a hot works procedure see appendix C, no hot works are to take place unless authorised as per procedures. Procedure is authorised either by management or a supervisor.

5.6 Industrial heaters

No industrial heaters used on site.

5.7 Hot exhausts and engine parts

Vehicles and mobile plant are not parked near waste. They are parked a minimum of 6 m away. Fixed plant is either 6 m from waste storage or an fire resistant barrier is provided see site plans 010.1_09_004

5.8 Fire watch procedures

At the start and end of every day, there is a site walk over by management or an competent person. It also ensures that no damage or break ins have occurred overnight and the site is ready to be closed for the night. Site has static thermal imaging (see app M for spec) cameras which monitor the site 24 hours a day, 365 days a year see site plans 010.1_09_004 for location. A notification will be triggered if a fire or hot spot is identified. Section Firefighting techniques will be enacted.

5.9 Ignition sources

Table 3 Ignition Sources

Ignition Sources	Mitigation
Arson or vandalism	• Site CCTV Monitoring 24/7 • Building, Operator lives on site in associated building. • Waste stored in containers or within a building • Fire Extinguishers[1]
Plant or equipment	• Parked in designated areas • Or fire resistant barriers provided between fixed plant and storage where 6 m is not achievable • See site plans 010.1_09_004. • Fire Extinguishers
Electrical faults (including damaged or exposed	• See appendix K for testing certificate

[1] **BS 5306-3:2017** Fire extinguishing installations and equipment on premises. Commissioning and maintenance of portable fire extinguishers. Code of practice

electrical cables).	• Fire Extinguishers
Discarded smoking materials	• No smoking on site, designated smoking area • Any waste that starts smoking or arrives smoking will either be isolated in situ or moved to quarantine area if safe to do so, See site plan 010.1_09_004. • Fire Extinguishers
Hot works	• Controlled by permit to work procedures see appendix C. • Fire Extinguishers
Industrial heaters	• None used on site.
Hot exhausts	• Controlled by mobile plant being parked 6 m away • Fixed plant is separated from waste storage areas see site plan 010.1_09_004 • End of day site check, 5.8 Fire watch procedures
Fuse Board	• Located in warehouse • Either 6 m from containerised waste storage or fire resistant barrier provided. • Fire Extinguishers

5.9.1 Batteries

Batteries are accepted as apart of larger WEEE waste however, if accepted as an individual waste stream they will either be stored in a battery box see Figure 4 Photograph of Dolav Stillage or in an IBC as in an fire resistant bay. Locations shown within site plan 010.1_09_004

5.10 Leaks and spillages of oils and fuels

All liquid will be held in sealed containers away from vehicular movements. All such containers will be provided with secondary containment and have a spill kit available for deployment in close proximity should a spillage occur. Any leaks or spills will be recorded on the site event log see appendix D.

The Site will utilise a simple 'Stop-Contain-Divert' model for containing spillages and have spill kits or granules available on site to protect the surface water system and to prevent pollutants from entering the site drains, See

site plans 010.1_09_004 Site staff are trained and familiar with their use in an emergency situation. In the event of a spillage.

5.11 Build-up of loose combustible waste, dust and fluff

Waste material accepted to site does not produce loose combustible waste, dust and fluff.

5.12 Reactions between wastes

Any reactions between wastes are prevented through separation of waste into different containers.

5.13 Waste acceptance and deposited hot loads

Waste to be accepted to site must conform with Table 1 Accepted combustible waste. If it is not on this list then it is rejected. Waste arrives on site delivered by Vision Recycling U.K. Ltd own fleet. And is accepted in accordance with the waste acceptance procedure in appendix E.

If any waste is identified as non-conforming then firstly the site manager or Technically Competent Manager (TCM) shall be informed. The waste must be identified and the decision made whether it can be handled on site; if it can (i.e. listed in table of wastes) then it shall be deposited in the correct container/location else-where on site. If waste cannot be identified or is suspected as or non conforming, the waste shall by isolated in an container and removed and sent to an appropriately authorised site. All non-conforming wastes will be kept separate on site from other wastes and moved (providing it is safe to do so). All non-conforming wastes will be removed from site within 7 working days, or as soon as reasonably practicable using specialist contractors. All instances of non-conforming waste will be recorded in app D. All instances of non-conforming waste will also be notified to the senior managment to allow for preventative actions to be put in place

5.14 Describe your use of the quarantine area for hot loads.

If a load arrives and is deemed as a hot load e.g. visually smouldering then it will be quarantined in the quarantine area, if safe to do so. If not it might be extinguished in situ using the on site fire extinguishers, failing this the FRS will be called to deal with the smouldering waste.

5.15 Hot and dry weather

Waste on site is stored internally and monitored by site staff through CCTV and physical inspections of the waste. Waste stored externally is minimal, one container and is located in between buildings providing shade. These measures ensure the risk of self-combustion remains low.

6 PREVENT SELF-COMBUSTION

6.1 General self-combustion measures

All wastes are stored in fire resistant bays apart from the scrap metal container . The depositing of waste is overseen by staff. Where possible batteries are removed from WEEE to prevent ignition see **Error! Reference source not found.** or stored appropriately.

Waste is segregated and sorted on site. Waste acceptance and storage works on a first-in-first-out policy with the usual timescale up to 5 working days. This helps reduce the possibility of self-combustion by preventing overheating within the waste piles. CCTV and thermal imaging CCTV helps monitor the site both within and outside of operating hours.

Daily checks are made on the site as part of the fire watch procedure and includes checking for signs of self-combustion which may impact on the fire-risk at the beginning and end of the working day this is supported by CCTV and thermal imaging CCTV.

All site staff who deal with waste acceptance, storage and processing are trained in this FPP.

7 MANAGE STORAGE TIME

Under normal operating conditions WEEE will be stored, on average, for 5 working days from arrival and processing, to removal from site.

Waste will be managed on a FIFO basis, see Table 4: Waste Pile Sizes with all wastes dispatched from site for onwards transportation well within the 3-month period stipulated by the EA as being at lower risk from self-combustion.

WEEE is accepted at site and fed into the western end of the warehouse and placed in to storage area 1 it is then pre treated in the pre treatment area. Once pre treated waste is placed in storage area 2 pending further processing see site plan for locations 010.1_09_004

Waste fractions are produced from the treatment process. Metal waste is produced from the treatment process. Metal waste is stored in the external 40yd3 Ro-Ro skip and is turned around every at day and potentially multiple times a day, this drastically decreases the risk of self-combustion from a high temperature exothermic reaction. PCBs and Plastics are store in bulk bags temporally at the end of the process in locations 4 and 5 as shown in site plan for locations 010.1_09_004 these are always moved to location 3 before the end of the working day, and removal from site.

Figure 3 Photograph of 1,000 litre IBC

Dimensions 1.2 m (l) x 1.0 m (w) x 1.17 m (h)

Figure 4 Photograph of Dolav Stillage

Dimensions 1.2 m (l) x 1.0 m (w) x 0.75 m (h)

7.1 Method used to record and manage the storage of all waste on site

Transfer and consignment notes in to and out of site are used to control the amount of waste on site. This tracks volumes of waste in and out of site as well as amount stored at any one time.

This records the date it arrives, what the waste is, quantity and the form it takes.

7.2 Stock rotation policy

A FIFO policy is operated on site with a timescale of usually up to 5 working days before waste is removed

8 MONITOR AND CONTROL TEMPERATURE

8.1 Reduce the exposed metal content

Metal waste is produced from the treatment process. Metal waste is stored in the external 40yd3 Ro-Ro skip and is turned around at least daily and potentially multiple times a day. It is located between buildings where shade is provided to minimise direct sunlight.

8.2 Monitoring temperature

Thermal CCTV cameras monitor the site and the waste storage areas for early visual indication of fire there is also a start of day and end of day check. If a hot spot is identified by the thermal imaging cameras greater action will be taken. A trigger temperature of 30^0C is used to act. If it is above 30^0C then waste will be rotated or moved to cool the waste down.

8.3 Controlling temperature

The FIFO policy operated on site helps to control waste temperature and prevent any overheating whilst shade cover is provided by waste being stored internally. During normal operations waste spends no more than 5 working days on site.

8.4 Dealing with hot weather and heating from sunlight

Waste is either stored internally or containerised (with shading) protecting from sunlight which will prevent heating.

9 WASTE BALE STORAGE

None stored on site.

10 MANAGE WASTE PILES

10.1 Storing waste materials in their largest form

Waste is stored in its biggest form in containers and fire resistant bays. Waste is processed within 5 working days. The final processing produces smaller fractions that are removed within this 5 working days and are also stored in fire resistant bays see site plan for locations 010.1_09_004.

11 MAXIMUM PILE SIZES FOR THE WASTE ON YOUR SITE

Storage and waste types are shown in Table 4: Waste Pile Sizes locations are shown in site plan 010.1_09_004.

Table 4: Waste Pile Sizes

Waste stream	Location (must match site plan)	How it is stored For example this may include piles, bays, containers, skips, racks, bales	Max. length / m	Max. width / m	Max. height / m	Volume / m^3	Max. time it will be stored
Pre treated WEEE (20 01 35)	1	IBC Containers (dimensions 1.2 m (l) x 1.0 m (w) x 1.17 m (h))	14	7	3	294	5 working days or less
Post treated WEEE (20 01 35)	2		5	5	3	75	
PCB/Plastics (16 02 15)	3	Bagged	3	2	2	12	
PCB (16 02 15)	4		1	1	2	2	
Plastic (16 02 15)	5						
Metal (19 12 02)	6	Container 40 yard	6	2.4	2.4	35	
Non-conforming waste	7	Dolav box 1.2 m (l) x 1.0 m (w) x 0.75 m (h)	1.2	1	0.75	0.9	
General Waste (20 03 01)	8	Container 40 yard	6	2.4	2.4	35	

12 WHERE MAXIMUM PILE SIZES DO NOT APPLY

12.1 Waste stored in containers

Waste is either stored in IBC containers within a fire resistant bay or in containers. Waste That is stored in containers on site is shown in site plan 010.1_09_004.

12.2 Types of containers you are using

IBC containers 1.2 m (l) x 1.0 m (w) x 1.17 m (h). All stored within fire resistant bays. 40 yard Ro Ro which is stored externally and a battery box 1.2 m (l) x 1.0 m (w) x 0.75 m (h).

12.2.1 Accessibility and moving of containers

Containers are stored in accordance with site plans 010.1_09_004. There is mobile plant and vehicles capable of moving the containers. In the event smouldering waste or fire is noted either the waste material will be moved to the quarantine area or the non smouldering/burning waste will be. All containers except at locations 6 and 7 are stored within fire resistant bays.

13 PREVENT FIRE SPREADING

All waste internally is stored in bays with fire resistant walls. A 6 m buffer is also provided to prevent fire spread at the open sides of the bays to prevent fire spread.

If containerised waste can be moved to the quarantine area as per section 15.1 Quarantine area location and size.

13.1 Separation distances

Where a fire resistant barrier is not provided a 6 m fire break is provided as per site layout 010.1_09_004.

14 FIRE WALLS CONSTRUCTION STANDARDS

14.1 Storing waste in bays

Waste will be stored in bays except for waste stored in containers at locations 6 and 7. Site benefits from fire resistant barriers see site plans 010.1_09_004. They are rated up to 120 mins of fire resistance including radiative heat see appendix J.

15 QUARANTINE AREA

15.1 Quarantine area location and size

The quarantine are is 10 m X 5 m X 3 m and can hold up to 150 m^3 which is 50 % of the largest stock pile (1). It is located as per site plan 010.1_09_004.

15.2 How to use the quarantine area if there is a fire

The quarantine area will be used to store either burning or non burning waste. Burning waste will only be moved if safe to do so, if not it will be isolated in situ by moving he non- burning waste to the quarantine area and either extinguished with fire extinguishers or left for the FRS.

15.3 Procedure to remove material stored temporarily if there is a fire

The quarantine area will always be kept free.

16 ALTERNATIVE MEASURES

Please see Table 5 Alternative Measures below for a summary of the alternative measures used on site to minimise the likelihood of a fire starting and spreading and to maximise the likelihood of extinguishing the fire in 4 hours.

Table 5 Alternative Measures

Alternative Measure	Fire Prevention Objectives		
	Minimise the likelihood of a fire happening	**Aim for a fire to be extinguished within 4 hours**	**Minimise the spread of fire within the site and to neighbouring sites**
Automatic fire extinguishers	N/A	• Located in higher risk areas • If the temperature of 68 °C is detected dry powder will be deployed to smother a fire	• Each extinguisher covers 18 m below where they are situated • A fire is smothered limiting the potential for it to spread
Internal waste is only stored in 1,000 litre IBCs	• Only a small volume of waste can fit inside an IBC, decreasing the likelihood of a fire starting	• IBCs can be easily moved to the deluge tank or quarantine area with on-site plant	• IBCs can easily be moved with on-site plant to the deluge tank or quarantine area
Increased monitoring frequency with daily site checks at the start and end of every working day and monitoring of all shredded waste with the Thermal imaging CCTV. 24 hours a day 365 days a year	• Detect smouldering/fire/ • hotspots at their earliest stage • Shorter Risk Windows due to regular inspection • Target monitoring in the higher risk areas – all shredded waste will be monitored	• Detect smouldering/fire at its earliest stage • Shorter Risk Windows • Early identification allows for early intervention	• Shorter Risk Windows

17 DETECTING FIRES

17.1 Detection systems in use

Thermal imaging cameras will monitor the site 365 days a year 24 hours a day and send notifications. These notifications will be actioned as per appendix G.

17.2 Certification for the systems

The system has is inspected to BS[2] 5306-3:2017 this is an alternative measure see Table 5 Alternative Measures.

[2] **BS 5306-3:2017** Fire extinguishing installations and equipment on premises. Commissioning and maintenance of portable fire extinguishers. Code of practice

18 SUPPRESSING FIRES

The site benefits from manual and automatic fire extinguishers (inspected to BS 5306-3:2017 [2]) which are located internally, as shown on site plan 010.1_09_004. As an **Alternative Measure**, there is localised automatic fire suppression (extinguishers) located above the higher risk locations of waste storage piles 1,2,3,4,5 and 7.

These are also suspended above the processing equipment as well see site plan 010.1_09_004.

These each have a capacity of 12 kg and, over a 30 second period, deploy dry powder, each covering 18 m below their positions from a height of 3.5 metres. The automatic fire extinguishers deploy if a temperature of 68 °C is detected by the integrated sensors. While this does not follow the Environment Agency's FPP guidance, as the extinguishers were not installed by a UKAS accredited 3rd party, it is considered an effective alternative measure as they help to achieve the FPPs core objectives.

The post-treated waste storage location 2 is considered lower risk due to the removal of lithium- ion batteries. The treated waste fractions stored internally are considered low risk due to the quick turnaround of the waste. The metal skip has a maximum turnaround time of 2-3 working days, and 5 working days for general waste and plastic. All skips are open topped and are inspected with the thermal imaging camera at the start and end of each working day as part of the Daily Site Checks (appendix A).

Manual fire extinguishers can be deployed by members of staff who are trained in fighting small scale fires Figure 5 Manual Fire Extinguishers.

Figure 5 Manual Fire Extinguishers

If it is unsafe to relocate a small-scale fire to the quarantine area, unaffected non- burning/non-smouldering material will be moved to the quarantine area and, if safe to do so, the remaining affected burning/smouldering material will be tackled with manual fire extinguishers (CO_2 and foam). If it is unsafe to follow this procedure the FRS will be called to extinguish the fire.

18.1 Suppression systems in use

The suppression system installed is the firechief 12 kg automatic dry powder fire extinguisher. The fire extinguisher offers protection for class A, B and C fires and can be used on electronic fires.

The fire extinguisher has an heat-sensitive glass bulb bursts when the temperature rises to 68°C. See appendix I.

18.2 Certification for the systems

The system will be installed to British Standard BS12845.

19 FIREFIGHTING TECHNIQUES

Detailed below are the responses and actions which may be undertaken by operational staff members to isolate and extinguish burning or smouldering material upon detection. All operational staff members will be trained in the techniques and principles identified within this document. It must be noted that firefighting techniques should only be used if safe to do so. In the event of a fire becoming out of control, priority should be given to the safe evacuation of the site and contacting the FRS at the earliest opportunity.

19.1 Active firefighting

The aim of the initial response is to extinguish a fire in its earliest stage before it can take hold, using the in-situ manual fire extinguishers which are placed at key locations see site plan 010.1_09_004.

As an alternative measure, there are automatic fire extinguishers positioned above the higher risk areas of Waste) which are located internally, as shown on site plan 010.1_09_004. As an **Alternative Measure**, there is localised automatic fire suppression (extinguishers) located above the higher risk locations of waste storage piles 1,2,3,4,5 and 7.

These are also suspended above the processing equipment as well see site plan 010.1_09_004.

These each have a capacity of 12 kg and, over a 30 second period, deploy dry powder, each covering 18 m below their positions from a height of 3.5 metres. The automatic fire extinguishers deploy if a temperature of 68 °C is detected by the integrated sensors. While this does not follow the Environment Agency's FPP guidance, as the extinguishers are not installed by a UKAS accredited 3rd party, it is considered an effective alternative measure as they help to achieve the FPPs core objectives.

Upon detection of a fire the alarm will be raised, If safe to do so, burning or smouldering material will be extinguished in-situ, by trained staff members using the manual extinguishers (see Figure 5 Manual Fire Extinguishers). If this is not effective, non burning waste material will be moved to the quarantine area if this is not safe to do the FRS will be contacted.

If a fire persists past this point, the Darcy barrier will be deployed to the inside of the roller shutter doors and all other openings to the unit will be sealed with sandbags and plastic sheeting to ensure potential firewater will be contained within the building on the impermeable surface. The Darcy barrier is 0.6 m high which can comfortably contain the maximum required volume of firewater while providing access to the unit.

The automated Apollo Optical smoke detection system will sound the alarm if smoke is detected. The automatic fire extinguishers (dry powder) will be deployed if a temperature of 68°C is detected. There are also three fire call points on site (see site plan 010.1_09_004.) from which the FRS can be quickly called in case of an emergency that cannot be safely dealt with 'in-house'.

In the event of a fire that cannot be extinguished 'in-house' the FRS will be contacted immediately, and staff and visitors evacuated to the fire assembly point (see Firefighting water Location 010.1_09_011). Upon arrival the

FRS should be directed to the incident and provided with details such as the source of the outbreak (if known), materials contained within the building, any explosive or hazardous materials present, the nearest firefighting water location.

19.2 Fire and rescue service strategies

In the event of a fire the FRS has multiple access point into the building, see site plan 010.1_09_004 and FRS Route plan 010.1_09_002. It should be noted that once the FRS attend site and formally take charge of the incident, measures described in this FPP may no longer apply. However, the FRS may consider one of the two following strategies:

Early Intervention

- Apply CO2 and foam extinguishers to specific burning areas of small, localised fires.
- Isolate and transfer unaffected material to the quarantine area so burning material remains inside the building to be spread out and cooled with water.

Defensive Approach

- To be used in the event of well-established or deep-seated fires.
- Water may be applied through an aerial ladder and jets via pop out roof panels, see Figure 6 Pop Out Panels below.
- Defensive approach only to be used in the event of a significant fire occurring to contain spread of fire

Figure 6 Pop Out Panels

20 WATER SUPPLIES

20.1 Available water supply

Fire fighting water comes from the on site water tank see Firefighting water Location 010.1_09_011 for location. The tank is maintained by the bore hole located on site.

A float pump activates when water drops below 80% full

The would be usable by the FRS.

Figure 7 Galvinised Steel Water Storage Tank

20.2 Show the calculation for your required water supply

Table 6: Water Supply

Maximum pile volume in cubic metres	Water supply needed in litres per minute	Overall water supply needed over 3 hours in litres	Total water available on site in litres
294	1960	352,800	400,000

21 MANAGING FIRE WATER

21.1 Containing the run-off from fire water

In the event of a fire, the internal area of the site will be shut off immediately to prevent the discharge of contaminated fire water to the surrounding environment. A Darcy Industrial Flood Barrier and sandbags will be raised on the building's openings to contain the fire wate see fire water containment plan 010.1_09_003. The firewater will be contained within the building on the site surface.

In the event of a fire within the external skip that cannot be extinguished with the manual fire extinguishers, the FRS will be called to fight the fire. As part of the waste acceptance procedure (appendix E), skips are visually inspected by a member of staff upon delivery. If the structural integrity of a skip is compromised, i.e. a puncture is observed, the skip will be rejected, and a replacement will be arranged. This will help to ensure that potential firewater is contained within the skip.

As a failsafe, all apart form one metal container is stored in side of a building where there an impermeable site surface and no drainage.

Figure 8 Darcy Industrial Flood Barrier (www.darcy.co.uk)

21.2 Required Fire water containment

Calculation: Surface area of impermeable site surface: 1371 m^2

Depth of Containment: 0.30 m

Calculation Area X Depth =Containment

Table 7 Fire Water Containment

Required (litres)	Containment available (litres)
352,800	411,300

22 DURING AND AFTER AN INCIDENT

22.1 Dealing with issues during a fire

Site operations shall cease and no more waste shall be accepted. Waste will diverted to other appropriately authorised facilities.

22.2 Notifying residents and businesses

Below are the 4 nearest business that maybe impacted by an incident on site an they will be notified if they are likely to be impacted.

Immediate neighbours to the site will be notified if a fire, that has the potential to spread to their properties, occurs on site.

Gh and DP Jones: 01939270243

ABP Food Group: 01939270333

Alistair Duncan Machinery: 07980842392

Bowers J R & R A: 01939270295

Personal mobile phone numbers for key people at all neighbouring sites are held. However, these cannot be published in this document due to data protection law. Neighbours will be contacted on their personal mobile phone numbers in the event of an emergency during out of hours.

22.3 Clearing and decontamination after a fire

A third-party contractor will be instructed to clear and decontaminate areas of the site impacted by a fire to be taken to suitably permitted sites..

22.4 Making the site operational after a fire

It is unlikely that a fire event will impact operations significantly, the site will not reopen until a thorough site inspection has been carried out to ensure infrastructure is fit for purpose.

The root cause of the fire will be established and all site procedures and this document reviewed, and staff updated with any changes.

23 RECORD KEEPING

As a minimum, the following records must be kept to ensure compliance with the requirements of the Environmental Permit:

- A copy of the permit
- Risk assessments
- Competence and training records
- Duty of Care documentation and Environment Agency waste returns
- Other legally required documents
- Operational procedures
- Compliance records
-

Records must be retained for 6 years unless they relate to off-site environmental or health effects, or the condition of the land or groundwater when they shall be retained until permit surrender.

24 MANAGEMENT PLAN REVIEW

The FPP will be reviewed as a minimum at least annually or following any substantial change in site operations or fire or at the request of the Environment Agency.

Other activities which may prompt review of the FPP are variations to the environmental permit, accident, complaint, breach or a change in the site setting or sensitive receptors.

Where the review requires changes, this will be documented and maintained with the site records, for example, waste storage volumes, types of waste, new or altered equipment.

UMBRELLA ENVIRONMENTAL

PROTECTING YOUR BUSINESS

9 Goldington Road Bedford MK40 3JY

www.umbrella-environmental.co.uk

andrew@umbrellaenvironmental.co.uk

Mob: 07498 671713

Appendices

App A

Site:	Park House Farm, Lower Hordley, Ellsmere, Shropshire, SY12 9BL	Date:	

Visits/ Inspections/ Audits / Drills

Accidents/ Incidents/ Near Misses

Deliveries/ Collections

Contractors on Site

Servicing Scheduled/ Plant Breakdowns/ Punctures etc.

Waste inputs	Tonnes	Waste outputs	Tonnes

Comments

Signed by:	

App B

VISION RECYCLING UK LTD
WEEE Recycling Experts

EMERGENCY FIRE PROCEDURE

1. Objective

The objective of this procedure is to ensure that fire drills prepare staff to act in a safe and efficient manner to protect staff, neighbours, property and the environment in the event of a fire.

Main Objectives:

- To ensure the safe evacuation of staff and visitors to the fire assembly point.
- To ensure the fire precautions and shut-off procedures have been followed correctly and efficiently.
- To ensure the fire rescue service will be contacted in a timely manner.
- To ensure neighbours will be contact in a timely manner.

2. Scope

This procedure must be followed at all sites operated by Vision Recycling UK Ltd.

3. Responsibility

- Technically Competent Manager (TCM)
- Designated responsible persons
- All site staff members

4. Initial response

- Upon detection of a fire: raise the alarm. The TCM and designated responsible persons action the emergency procedures. All staff and visitors that cannot assist with preparing the site's emergency procedures make your way to the fire assembly point outside main gates.
- The designated responsible person will ensure that all staff and visitors are out of the building and at the fire assembly point and confirm this with the TCM (or designated responsible person).

Actions for persons actioning emergency procedures:

- Internal waste storage areas:
    - If the fire is limited to one Intermediate Bulk Container (IBC) tackle the fire with manual fire extinguishers (CO_2 and foam) if safe to do so.
    - If the fire persists, use mobile plant to move the affected IBC to the deluge tank to be cooled, if it safe to do so.
    - Isolate the adjacent IBCs and move them to the quarantine area using mobile plant to stop a fire spreading.
    - N.B. During 6-monthly fire drills, the technique to access IBCs towards the back of the waste storage area is practised to prepare for a worst-case scenario.
- External skip:
    - If a fire is detected in an external skip tackle the fire with manual fire extinguishers, if safe to do so. Isolate the skip from surrounding material using mobile plant to stop the spread of the fire.

5. Early intervention

- If it is deemed unsafe for operatives to relocate burning material to the deluge tank, or a fire has spread to more than one IBC, the TCM will contact the FRS by calling 999 and action the emergency procedures.
- Using mobile plant, separate the unaffected non-burning/smouldering material from the waste storage area and relocate this to the quarantine area in the front yard to stop the spread of the fire within the waste storage area.
- The automatic overhead fire extinguishers will deploy dry powder on the internal areas if a temperature of 68°C is detected.
- The TCM and designated responsible persons will deploy the firewater containment barriers on the openings of the building to ensure the containment of potential firewater. Deploy the Darcy™ barrier, plastic sheeting and sandbags on the roller shutter door and plastic sheeting and sandbags on the other openings.
- The TCM and designated responsible persons will deploy the clay 'dammit mats' on the three covered manholes to minimise the risk of potential firewater entering these systems.
- Continue to tackle a fire with the manual fire extinguishers (CO_2 and foam) if it is safe to do so.

6. Fire Rescue Service – Defensive approach

- The TCM (or designated responsible person) will immediately notify all neighbours of the situation, including National Rail.
- When the FRS arrive on site, the TCM (or designated responsible person) will communicate the source and location of the fire, the location of the fuel tank and the Fire Prevention Plan.
- The TCM (or designated responsible person) will notify the FRS where they can access the nearest fire hydrant and the Worcester & Birmingham Canal.
- At this point the FRS will take control of the situation, either following the defensive steps in the FPP or using their own preferred strategy based on their dynamic risk assessment.
- The TCM and designated responsible persons will join the rest of the team at the fire assembly point outside the main gates.

7. After an incident

- Firewater will be contained inside the building/deluge tank/ACO™ drain/interceptor.
- The TCM will arrange for the removal of firewater and debris from the site via tanker to be taken to an appropriately permitted facility for treatment.
- Arrange for the site's infrastructure (surfaces, firewater barriers and the interceptor) to be cleaned and repaired to an acceptable standard or replaced.

8. Health & Safety

As a minimum, when following the steps to prepare the site for an emergency situation all operators must wear PPE as detailed below:

- Safety gloves to EN388:2016
- Safety boots including steel midsole.
- Safety glasses to EN166.

9. Training

All Operatives will be trained in the Fire Drill Procedure. This will ensure that the correct steps will be followed during an emergency.

Training is provided during the site induction, on the 6-monthly fire drills and in toolbox talks which covers the key topics of this document.

App C

Permit to Work: Hot Works

1. PERMIT ISSUE (*For completion by authorised permit issuer*) Permit Number:

Building name:				
Location of work:				
Description of work:				
Permit starts:	Date:		Time:	
Permit expires:	Date:		Time:	

Combustibles removed, covered or damped down?	☐ Yes ☐ N/A
Holes and openings in walls, floors, partitions and ceilings protected with non-combustible materials?	☐ Yes ☐ N/A
Risk to insulating or other materials within building panels considered?	☐ Yes ☐ N/A
Area free from flammable liquids and gases?	☐ Yes
Two 'A rated' fire extinguisher to hand and personnel trained in use?	☐ Yes
Person appointed on 'fire watch duties'?	☐ Yes
Fire procedure explained?	☐ Yes
Neighbouring areas assessed for risk of heat transfer?	☐ Yes
Smoke detectors isolated/covered as required?	☐ Yes ☐ N/A
Atmosphere checked for flammable gases?	☐ Yes ☐ N/A
Sprinklers are operative?	☐ Yes ☐ N/A

Specific safety requirements before commencing work:

In an emergency please contact: *(name)* on: *(tel. no.)*

Name *(Block Capitals)*		Signature		Date	

2. RECEIPT *(To be completed by person responsible for the work prior to working)*

I understand the scope of work and precautions to be taken

Name *(Block Capitals)*		Signature		Date	

3. EXTENSION OF PERMIT *(If required)*

Time extension:	Start		End	
Authorised person signature		Signed for those undertaking the work		

4. CLEARANCE *(To be signed by both parties when work has stopped)*

The area has been left in a safe condition, equipment (including gas cylinders) has been removed and all areas at risk have been checked one hour after completion for signs of smouldering.

Signed for those undertaking the work		Date		Time	

The fire alarm has been fully reinstated ☐ Yes ☐ N/A. The Permit is now cancelled; all additional works will require a new permit to be issued.

Authorised person signature		Date		Time	

App D

VISION RECYCLING UK LTD
WEEE Recycling Experts

Site Event Log

Site:	Unit 67C, Blackpole Trading Estate, WR3 8TJ	Date:	

Visits/ Inspections/ Audits / Drills

Accidents/ Incidents/ Near Misses / Hot Waste

Deliveries/ Collections

Contractors on Site

Servicing Scheduled/ Plant Breakdowns/ Punctures etc.

Waste inputs	Tonnes	Waste outputs	Tonnes

Comments	
Signed by:	

App E

Scope

This procedure must be followed at all sites operated by Vision Recycling UK Ltd.

Objective

This procedure is to ensure the safe, efficient, accurate and compliant acceptance of waste at the sites. All wastes received at Vision Recycling sites are pre-booked.

We have a legal obligation under the 'Duty of Care' to know what wastes are being deposited at our site, that they are controlled correctly, and that there is sufficient written information accompanying the waste.

Main Objectives:

- To ensure compliance with legal requirements
- To ensure the identification on non-compliant waste
- To ensure correct completion of paperwork and therefore customer invoicing
- To ensure the identification of reuse items, and compliance with the Waste Hierarchy

Responsibility

Fork Lift Truck Driver (FLT)
Reuse Operator
Recycling Operators

Vehicle Arrival

Upon arrival of a delivery vehicle, the FLT driver or designated Recycling Operative must approach the driver and request the Consignment Note and any supporting information for inspection.

Consignment/Transfer note

The consignment note must be inspected. Ensure all Parts (A-D) have been completed, and that the driver and waste producer have signed and dated Part C and D respectively.

Ensure that the date of consignment is the same date as the date upon which the load is received, or within one working day.

Check the written description of the waste, provided on the Consignment Note Recyclables Annex. Confirm with the driver that this is a true representation of the waste collected and undertaken an initial visual inspection of the waste within the vehicle.

Ensure that the correct box is completed to indicate whether hazardous or non-hazardous wastes are being received.

Unloading of Waste

The Reuse Operator must be present during the unloading of the vehicle to identify any items which are suitable for reuse.

Continue to observe the wastes as they are unloaded, check that the waste types match the number and type listed on the Consignment Note/Transfer Note. Only those wastes listed on the Consignment Note/Transfer Note Annexes are to be accepted at the site, these are the only wastes permitted for acceptance in accordance with the sites Environmental Permit.

Where any waste is identified which has not been noted on the Consignment Note/Transfer Note inform the Site Manager and place the waste within a quarantine area.

Where the load conforms with the accompanying Consignment Note, continue to Weigh and Categorise WEEE Inputs and record all net weights on the Consignment Note Annex.

Identify the treatment/recovery operations to which the waste is to be subjected, this is likely to be one of the following:

- Temporary Storage Pending Recovery Elsewhere
- Mechanical Reprocessing of WEEE
- Repair / refurbishment / cleaning etc for reuse
- Repair / refurbishment / cleaning for re-use in products or components
- Complete the information required within Part E and sign/date.

Non-Conformances

Where a non-conformance with the Consignment Note/Transfer Note has been identified the Site Manager will assess the action to be taken:

Where the Consignment Note/Transfer Note is incomplete – the load may be rejected and returned to the customer, however, wherever possible the Site Manager will attempt to complete the Consignment Note/Transfer Note through liaison with the producer to enable acceptance of the load.

Where the Consignment Note/Transfer Note is incorrect – the Site Manager will attempt to correct the Consignment Note/Transfer Note through liaison with the producer, their agreement to additional charges and have the corrections countersigned, where this is not possible the load/non-conforming wastes are to be rejected.

Where the waste is not permitted at the site – Reject the load, take photographs and reload. The Site Manager will assess whether it is safe for the load to go back on the road. If so, they will contact the waste producer to arrange to return the waste. Where this is not possible the waste is to be quarantined, Environment Agency and Directors informed, and arrangements made between the parties to remove the waste to a suitable licenced facility at the earliest opportunity.

The safety of personnel, road users and the site are the paramount concern.

Health & Safety

All visitors to the site will report to the site office. First time visitors to the site will be required to complete a visitor form and read the displayed notice board giving instructions on health and safety and site procedures. They will also be informed of any works ongoing on site that may impact them.

As a minimum during the unloading, weighing and categorisation and acceptance of waste at the site, all operators and drivers must wear PPE as detailed below:

- Gloves and wrist protection sleeves specified within EN388:2016 to at least the following specification:
  - Abrasion resistance 4
  - Blade cut resistance 5
  - Tear resistance 4
  - Puncture resistance 3
  - Safety boots including steel midsole.
  - Safety glasses to EN166.

Training

All Recycling Operatives will be trained in the Waste Acceptance procedure. This will ensure the correct identification of non-conforming wastes.

Training is provided during the site induction, which covers the key topics of this document.

App F

TYPE OF RECEPTOR	ID #	DESCRIPTION	DISTANCE FROM	DIRECTION
		SITE		
AND PROPERTY		Site Workers	On site	-
		Site Visitors	On site	-
		COMMERCIAL		
	1	ABP Food Group	401	W
	2	Commercial Farming Units	462	SSW
	3	Shade Oak Stud	1178	ESE
	4	Ferney Houg Commercial Farming Units	1459	ESE
	5	Bowers J R & R A	733	ENE
	6	Commercial Farming Unit	1876	E
	7	Commercial Farming Unit	1609	NE
	8	Kenwick Grange Farm Commercial Units	1553	NNE
	9	Alistair Duncan Machinery	409	WSW
	10	Commercial Farming Unit	1915	NW
	11	Dandyford	1450	NW
	12	Commercial Farming Unit	541	NW
	13	Solar panels	1915	SE
	14	Commercial Farming Unit	973	S
		RESIDENTIAL		
	1	Bagley Marsh properties	764	SSW
	2	Bagley	1026	S
	3	Rakes House	1800	S
	4	Kenwick Wood	1632	NE
	5	Residential	1664	NE
	6	Reynolds Cottage	874	NNE
	7	Residential	1140	NNE
	8	Residential	1344	NNE
	9	Lower House	1222	N
	10	Outcast	1852	N
	11	Hordley Cottages	1812	NW

HUMANS	12	Lower Hordley	763	NW
	13	Oak View Residential	588	W
	14	The Oaklands	528	SE
	15	Residential	990	SE
	16	Shade Oak Cottage	1506	SE
	17	Residential	1724	SE
	18	Park Cottage	208	SE
	19	Kenwick Oak	940	E
		PUBLIC USE		
		None	-	-
		PUBLIC RIGHTS OF WAY (PROW)		
	1	PROW 1	428	SW
	2	PROW 2	1235	SW
	3	PROW 3	1258	E, SE
	4	PROW 4	1720	NE
	5	PROW 5	1931	NE
		ROADS & RAILWAYS		
		Private Access Road	Adjacent	W
		Minor Roads	367-2000	N,E,S,W
		RECREATIONAL		
		None	-	-
		AGRICULTURAL		
	1	Arable Farm Land	0- 2000	N,E,S,W
		ALLOTMENTS		
		None	-	-
		ATMOSPHERE		
		Not in an AQMA	-	-
		SURFACE WATER		
		River Perry	1352	E
		Unammed Ponds/Lakes	795-1221	SW
		Unammed Ponds/Lakes	290	NW

WATER		Unammed Pond	1497	NW
		Unammed Pond	631	NE
		Unammed Ponds	532	ENE
		Unammed Ponds	1927	E
		Unammed Pond	1151	SE
		Unammed Pond	354	S
		Unammed Pond	1411	S
		Unammed Pond	1855	SE
		Unammed Pond	1273	SSW
		Various drainage ditches/tertiary water course	1240-2000	N,E,S,W
		Unammed river near Bagley	305	S
		GROUNDWATER		
		Bedrock Aquifer, secondary B	On site	-
		Superficial Aquifer, secondary B	On site	-
ENVIRONMENTALLY SENSITIVE		**DESIGNATED SITES (European) SSSI, RAMSAR**		
	1	Lin Can Moss	7816	SSW
	2	Fenemere	6902	SE
	3	Ruewood Pastures	9294	E
	4	Brownheath Moss	5911	ENE
	5	Sweat Mere and Crose Mere	3293	ENE
	6	White Mere	4175	NE
	7	Cole Mere	5335	NE
	8	Clarepool Moss and West Midlands Mosses (SAC)	6313	NE
	9	Fenn's, Whixall, Bettisfield, Wem & Cadney Mosses	8694	NE
	10	Fenn's, Whixall, Bettisfield, Wem & Cadney Mosses	9927	NE
	11	Fernhill Pastures	8679	WNW
		NON DESIGNATED SITES (but of impact to permitting)		
		None	-	-
HERITAGE LOATIONS		**LISTED BUILDINGS AND PARKS**		
	1	SHADE OAK FARMHOUSE	1262	SE

App G

VISION RECYCLING UK LTD
WEEE Recycling Experts

OUT OF HOURS PROCEDURE

1. Objective

The objective of this procedure is to ensure the facility is monitored outside of the Site's operational hours and to prepare staff to act in a safe and efficient manner to implement the emergency procedures in the event of an emergency situation that occurs outside of the operational hours.

Main Objectives:

- To ensure the facility, neighbours and the environment are protected if an emergency situation occurs outside of the Site's operational hours.
- To ensure the fire precautions and shut-off procedures are followed correctly and efficiently.
- To ensure the Fire Rescue Service (FRS) will be contacted in a timely manner.
- To ensure the neighbours will be contact in a timely manner.

2. Scope

This procedure must be followed by nominated staff members of Vision Recycling UK Ltd.

3. Responsibility

The Technically Competent Manager (TCM) and nominated responsible persons.

4. Out of hours site monitoring

- The site's CCTV and infrared cameras are linked to the personal mobile devices of the TCM and all nominated responsible persons via a mobile application.
- The application will notify all devices linked to the system if movement is recorded by the CCTV cameras or if the trigger temperature of 50°C is detected by the infrared cameras.
- This ensures that any sudden increases in temperature or movement caused by intruders or a fire will be identified quickly.

5. CCTV monitoring rota

- Designated responsible persons are assigned days on a rota to show when they are each responsible for monitoring the CCTV when out of hours. Any changes to the rota require a review of this procedure.

Rota –

Dan Yeomans	Monday – Thursday
Sean Yeomans	Friday – Sunday

6. Emergency response

- If the mobile application sends a notification, immediately observe the cameras to identify the problem.
- If there is an intruder, contact the industrial estate security and/or the Police.
- If a fire is identified, contact the Fire Rescue Service (FRS) immediately and explain the situation.

- Immediately to initiate the, deploy the firewater containment barriers and ensure easy access for the FRS and to provide a 6-metre buffer around the quarantine area.
- If safe to do so, fight a small-scale fire using the techniques detailed in the Fire Prevention Plan.
- Await the arrival of the FRS and provide them with the FPP.

7. After an incident

- Firewater will be contained inside the building.
- Arrange for the removal of firewater and debris from the site via tanker to be taken to an appropriately permitted facility for treatment.
- Arrange for the site's infrastructure (surfaces, firewater barriers and the interceptor) will then be cleaned, repaired to an acceptable standard or replaced.

8. Health & Safety

As a minimum, when following the steps to prepare the site for an emergency situation all operators must wear PPE as detailed below:

- Gloves and wrist protection sleeves specified within EN388:2016 to at least the following specification:
  - Abrasion resistance 4
  - Blade cut resistance 5
  - Tear resistance 4
  - Puncture resistance 3
- Safety boots including steel midsole.
- Safety glasses to EN166.

9. Training

All relevant staff will be trained in the *Out of Ours Procedure*. This will ensure the correct steps are followed during an emergency.

Training is provided during the site induction and regular toolbox talks which covers the key topics of this document.

App H

WREKIN DRAIN SERVICES

CCTV Inspection Report

park house farm
hordley
ellesmere
sy12 9bl

24/03/2022

Job Number: 7690

Wrekin Drain Services

Everglow, Lincoln Road, Wrockwardine Wood, Telford, Shropshire, TF2 6LQ
Tel: 01952 612230

Wrekin Drain Services
Everglow, Lincoln Road
Wrockwardine Wood
Telford
Shropshire
TF2 6LQ

Project Information

Job Number	Surveyed by (Operator)	Base Unit	Date
7690	**liam**	**B3126LKR4K**	**24/03/2022**

Client Details:

dan
park house farm
hordley
ellesmere
sy129bl

Site Details:

park house farm
hordley
ellesmere
sy12 9bl

Contractor Details:

Wrekin Drain Services
Everglow, Lincoln Road
Wrockwardine Wood
Telford
Shropshire
TF2 6LQ

Office Contact Number: 01952 612230

Purpose of Survey:

Report Contents

Job Number	Surveyed by (Operator)	Base Unit	Date
7690	**liam**	**B3126LKR4K**	**24/03/2022**

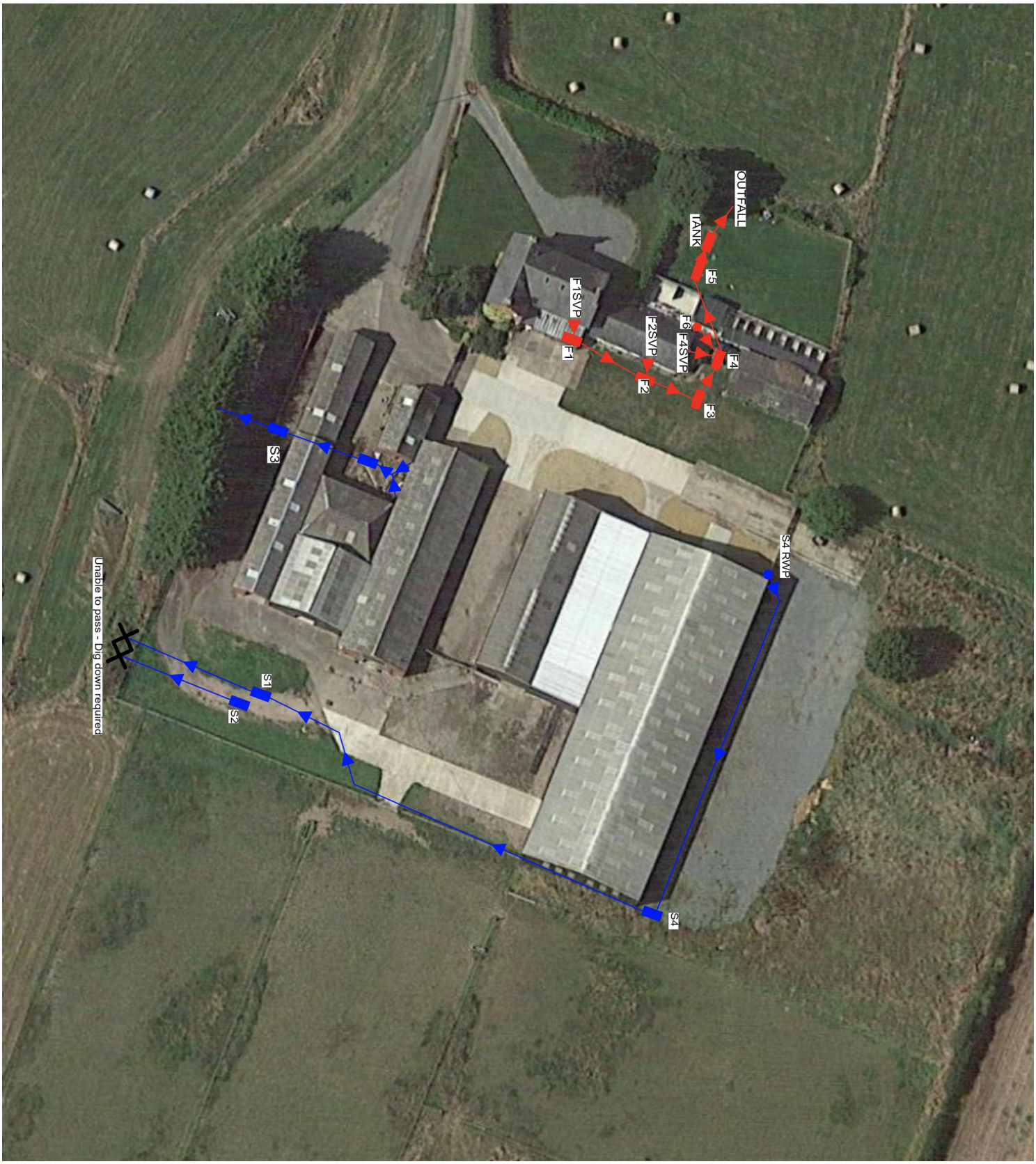
Report Contents

Wrekin Drain Services
Everglow, Lincoln Road
Wrockwardine Wood
Telford
Shropshire
TF2 6LQ

Site Drawings/Photos

Job Number	Surveyed by (Operator)	Base Unit	Date
7690	**liam**	**B3126LKR4K**	**24/03/2022**

This sketch is not to scale and does not represent the exact routing of the drainage system



Wrekin Drain Services
Everglow, Lincoln Road
Wrockwardine Wood
Telford
Shropshire
TF2 6LQ

Report Summary

Job Number	Surveyed by (Operator)	Base Unit	Date
7690	**liam**	**B3126LKR4K**	**24/03/2022**

Job Information

Total Distance Surveyed: **156.04 metres**
Engineer: **liam**
Number of Surveys: **13**
Number of Surveys grade 4 or above: **0**

Section 1 Overview (24/03/2022)

Manholes: **s4 to s4rwp**
Pipe Length: **49.81 metres**
Structural Grade: **0**
Service Grade: **0**
Material: **Polyvinyl chloride**
Pipe Size: **100mm**
Use: **Surface water**

Section 2 Overview (24/03/2022)

Manholes: **s4 to s1**
Pipe Length: **56 metres**
Structural Grade: **0**
Service Grade: **0**
Material: **Polyvinyl chloride**
Pipe Size: **100mm**
Use: **Surface water**

Section 3 Overview (24/03/2022)

Manholes: **f2 to f1**
Pipe Length: **10.17 metres**
Structural Grade: **0**
Service Grade: **0**
Material: **Polyvinyl chloride**
Pipe Size: **100mm**
Use: **Foul**

Section 4 Overview (24/03/2022)

Manholes: **f1 to f1svp**
Pipe Length: **3.24 metres**
Structural Grade: **0**
Service Grade: **0**
Material: **Polyvinyl chloride**
Pipe Size: **100mm**
Use: **Foul**

Section 5 Overview (24/03/2022)

Manholes: **f2 to f2svp**
Pipe Length: **2.64 metres**
Structural Grade: **0**
Service Grade: **0**
Material: **Polyvinyl chloride**
Pipe Size: **100mm**
Use: **Foul**

Job Number	Surveyed by (Operator)	Base Unit	Date
7690	**liam**	**B3126LKR4K**	**24/03/2022**

Section 6 Overview (24/03/2022)

Manholes: **f2 to f2gy**
Pipe Length: **1.33 metres**
Structural Grade: **0**
Service Grade: **0**
Material: **Polyvinyl chloride**
Pipe Size: **100mm**
Use: **Foul**

Section 7 Overview (24/03/2022)

Manholes: **f2 to f3**
Pipe Length: **9 metres**
Structural Grade: **0**
Service Grade: **0**
Material: **Polyvinyl chloride**
Pipe Size: **100mm**
Use: **Foul**

Section 8 Overview (24/03/2022)

Manholes: **f3 to f4**
Pipe Length: **5.57 metres**
Structural Grade: **0**
Service Grade: **0**
Material: **Polyvinyl chloride**
Pipe Size: **100mm**
Use: **Foul**

Section 9 Overview (24/03/2022)

Manholes: **f4 to f5**
Pipe Length: **9.5 metres**
Structural Grade: **0**
Service Grade: **0**
Material: **Polyvinyl chloride**
Pipe Size: **100mm**
Use: **Foul**

Section 10 Overview (24/03/2022)

Manholes: **f5 to tank**
Pipe Length: **7.05 metres**
Structural Grade: **2**
Service Grade: **0**
Material: **Polyvinyl chloride**
Pipe Size: **100mm**
Use: **Foul**

Section 11 Overview (24/03/2022)

Manholes: **f4 to f6**
Pipe Length: **0.64 metres**
Structural Grade: **0**
Service Grade: **0**
Material: **Polyvinyl chloride**
Pipe Size: **100mm**
Use: **Foul**

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Report Summary

Job Number	Surveyed by (Operator)	Base Unit	Date
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Section 12 Overview (24/03/2022)

Manholes: **f4 to f4svp**
Pipe Length: **0.83 metres**
Structural Grade: **0**
Service Grade: **0**
Material: **Polyvinyl chloride**
Pipe Size: **100mm**
Use: **Foul**

Section 13 Overview (24/03/2022)

Manholes: **tank to tank outlet**
Pipe Length: **0.26 metres**
Structural Grade: **0**
Service Grade: **0**
Material: **Polyvinyl chloride**
Pipe Size: **100mm**
Use: **Foul**

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Surveyed by (Operator)	Job Number	Pipe Length Reference(PLR)	Date	Pre Cleaned
liam	**7690**	**s4rwp X**	**24/03/2022**	**Not Cleaned**
Weather	Customer Present	Service Grade/Structural Grade	Base Unit	Section Number
1 - Dry		**0/0**	**B3126LKR4K**	**1**

Road **park house farm**
Place **hordley**
Location **ellesmere**

Division
District
Location Details

Purpose
Duty **Surface water**
Catchment

Shape/Size **100mm**
Material **Polyvinyl chloride**
Category

Start Node **s4**
End Node **s4rwp**
Total length **49.81 metres**

Scale **1:2.61**
Direction **Upstream**

Start Node Ref:s4 | I/L :mm | Depth: 0.4mm

Position	Code	Description	Photo	Type/Grade
0.00	MH	Start node type, manhole, reference s4	6176858	Comment / 0
0.00	WL	Water level 0% height/diameter	6176859	Comment / 0
0.81	JN	Junction at 9 o'clock, diameter 100mm	6176866	Comment / 0
1.60	WL	Water level 10% height/diameter	6176875	Comment / 0
2.26	WL	Water level 25% height/diameter	6176879	Comment / 0
3.36	WL	Water level 10% height/diameter	6176888	Comment / 0
4.21	WL	Water level 0% height/diameter	6176889	Comment / 0
11.10	WL	Water level 10% height/diameter	6176977	Comment / 0
14.74	WL	Water level 0% height/diameter	6177045	Comment / 0
16.71	WL	Water level 100% height/diameter	6177051	Comment / 0
18.33	WL	Water level 10% height/diameter	6177137	Comment / 0
20.40	WL	Water level 0% height/diameter	6177141	Comment / 0
22.45	WL	Water level 10% height/diameter	6177147	Comment / 0
24.07	WL	Water level 25% height/diameter	6177251	Comment / 0
26.02	WL	Water level 100% height/diameter	6177323	Comment / 0
47.48	WL	Water level 0% height/diameter	6177324	Comment / 0
49.81	BRF	Finish node type, major connection without manhole, reference s4rwp	6177325	Comment / 0

End Node Ref:s4rwp | I/L :mm | Depth: 0.2mm

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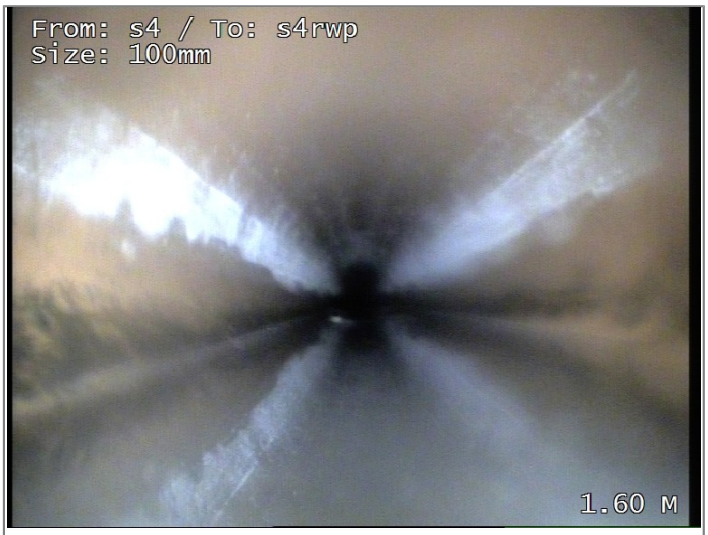
CCTV Inspection Photos

Job Number	Surveyed by (Operator)	Base Unit	Date
7690	**liam**	**B3126LKR4K**	**24/03/2022**

Start node type, manhole, reference s4

Water level 0% height/diameter

Junction at 9 o'clock, diameter 100mm



Water level 10% height/diameter

Water level 25% height/diameter

Water level 10% height/diameter

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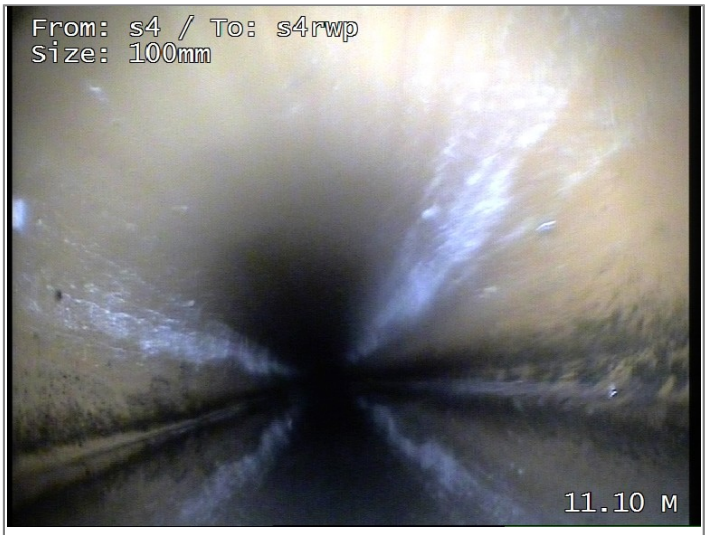
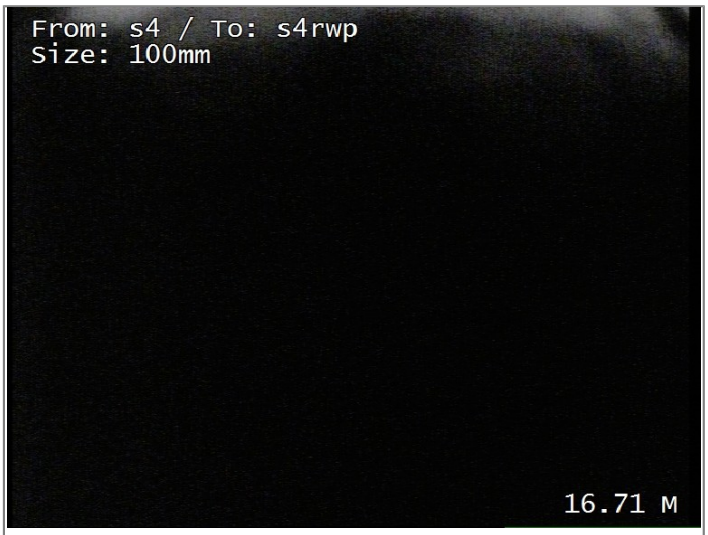
Job Number	Surveyed by (Operator)	Base Unit	Date
7690	**liam**	**B3126LKR4K**	**24/03/2022**

Water level 0% height/diameter



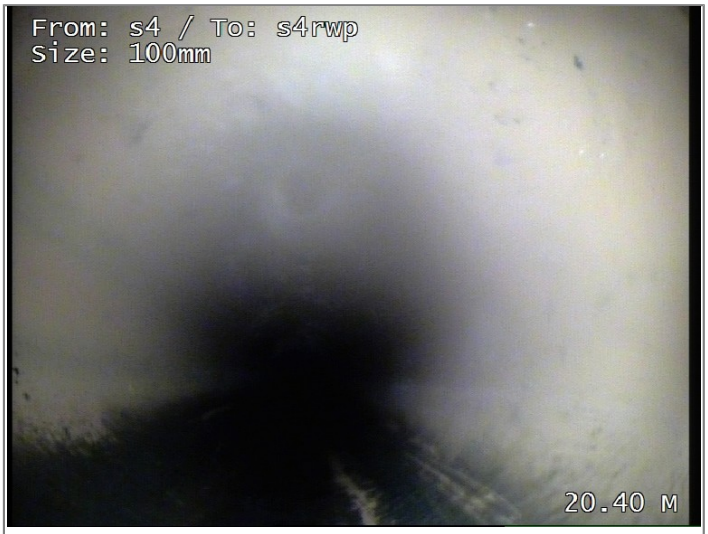
Water level 10% height/diameter

Water level 0% height/diameter



Water level 100% height/diameter

Water level 10% height/diameter



Water level 0% height/diameter

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Job Number	Surveyed by (Operator)	Base Unit	Date
7690	**liam**	**B3126LKR4K**	**24/03/2022**

Water level 10% height/diameter

Water level 25% height/diameter

Water level 100% height/diameter

Water level 0% height/diameter

Finish node type, major connection without manhole, reference s4rwp

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Surveyed by (Operator)	Job Number	Pipe Length Reference(PLR)	Date	Pre Cleaned
liam	**7690**	**s1 X**	**24/03/2022**	**Not Cleaned**
Weather	Customer Present	Service Grade/Structural Grade	Base Unit	Section Number
1 - Dry		**0/0**	**B3126LKR4K**	**2**

Road **park house farm**
Place **hordley**
Location **ellesmere**

Division
District
Location Details

Purpose
Duty **Surface water**
Catchment

Shape/Size **100mm**
Material **Polyvinyl chloride**
Category

Start Node **s4**
End Node **s1**
Total length **56 metres**

Scale **1:2.94**
Direction **Upstream**

Start Node Ref:s4 | I/L :mm | Depth: 0.4mm

Position	Code	Description	Photo	Type/Grade
0.00	MH	Start node type, manhole, reference s4	6177326	Comment / 0
0.00	WL	Water level 0% height/diameter	6177327	Comment / 0
3.33	WL	Water level 10% height/diameter	6177329	Comment / 0
4.05	WL	Water level 100% height/diameter	6177330	Comment / 0
9.83	WL	Water level 10% height/diameter	6177332	Comment / 0
11.10	WL	Water level 0% height/diameter	6177333	Comment / 0
19.14	CN	Connection other than junction at 1 o'clock, diameter 100mm	6177334	Comment / 0
45.17	WL	Water level 10% height/diameter	6177335	Comment / 0
51.79	WL	Water level 100% height/diameter	6177336	Comment / 0
56.00	SA	Survey abandoned - Remark: cant pass	6177338	Comment / 0

End Node Ref:s1 | I/L :mm

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Job Number	Surveyed by (Operator)	Base Unit	Date
7690	**liam**	**B3126LKR4K**	**24/03/2022**

Start node type, manhole, reference s4

Water level 0% height/diameter

Water level 10% height/diameter

Water level 100% height/diameter

Water level 10% height/diameter

Water level 0% height/diameter

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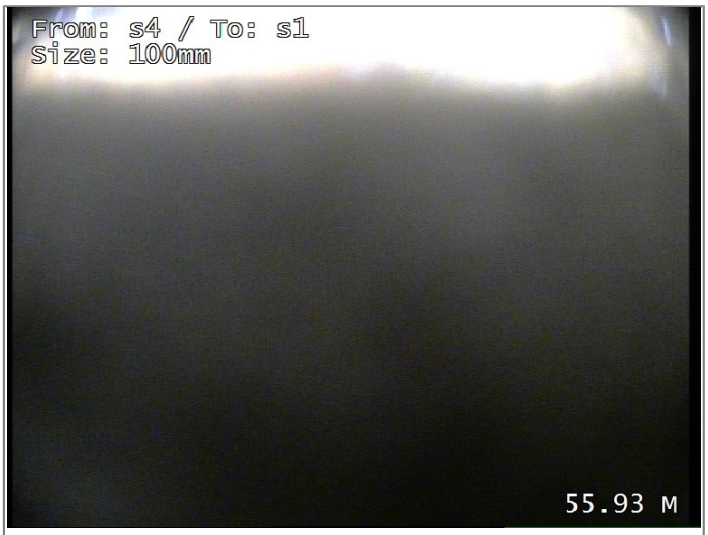
Job Number	Surveyed by (Operator)	Base Unit	Date
7690	**liam**	**B3126LKR4K**	**24/03/2022**

Connection other than junction at 1 o'clock, diameter 100mm

Water level 10% height/diameter

Water level 100% height/diameter



Survey abandoned - Remark: cant pass

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Surveyed by (Operator)	Job Number	Pipe Length Reference(PLR)	Date	Pre Cleaned
liam	**7690**	**f1 X**	**24/03/2022**	**Not Cleaned**
Weather	Customer Present	Service Grade/Structural Grade	Base Unit	Section Number
1 - Dry		**0/0**	**B3126LKR4K**	**3**

Road **park house farm**
Place **hordley**
Location **ellesmere**

Division
District
Location Details

Purpose
Duty **Foul**
Catchment

Shape/Size **100mm**
Material **Polyvinyl chloride**
Category

Start Node **f2**
End Node **f1**
Total length **10.17 metres**

Scale **1:0.53**
Direction **Upstream**

Start Node Ref:f2 | I/L :mm | Depth: 0.4mm

Position	Code	Description	Photo	Type/Grade
0.00	MH	Start node type, manhole, reference f2	6177994	Comment / 0
0.00	WL	Water level 0% height/diameter	6177995	Comment / 0
7.81	WL	Water level 10% height/diameter	6177997	Comment / 0
9.00	WL	Water level 0% height/diameter	6177998	Comment / 0
10.17	MHF	Finish node type, manhole, reference f1	6177999	Comment / 0

End Node Ref:f1 | I/L :mm | Depth: 0.3mm

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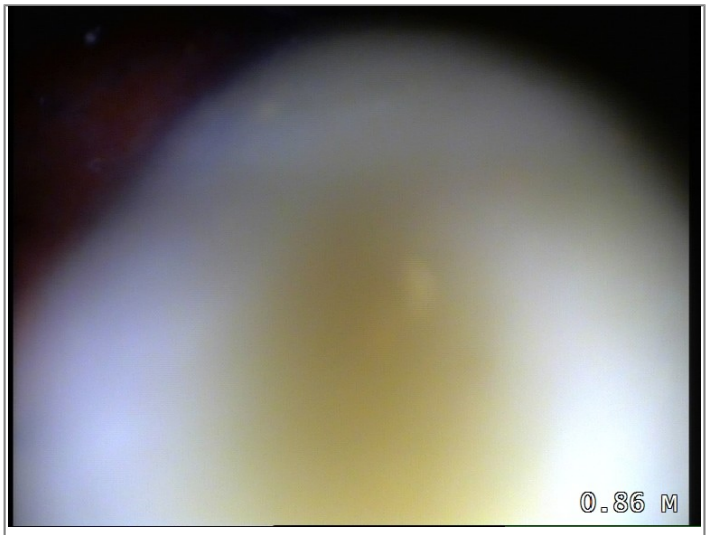
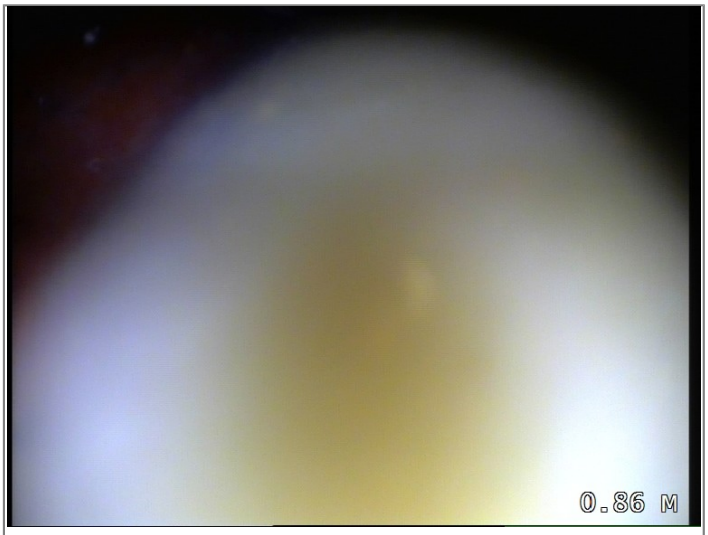
Job Number	Surveyed by (Operator)	Base Unit	Date
7690	**liam**	**B3126LKR4K**	**24/03/2022**



Start node type, manhole, reference f2



Water level 0% height/diameter

Water level 10% height/diameter

Water level 0% height/diameter

Finish node type, manhole, reference f1

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Surveyed by (Operator)	Job Number	Pipe Length Reference(PLR)	Date	Pre Cleaned
liam	**7690**	**f1svp X**	**24/03/2022**	**Not Cleaned**
Weather	Customer Present	Service Grade/Structural Grade	Base Unit	Section Number
1 - Dry		**0/0**	**B3126LKR4K**	**4**

Road **park house farm**
Place **hordley**
Location **ellesmere**

Division
District
Location Details

Purpose
Duty **Foul**
Catchment

Shape/Size **100mm**
Material **Polyvinyl chloride**
Category

Start Node **f1**
End Node **f1svp**
Total length **3.24 metres**

Scale **1:0.17**
Direction **Upstream**

Start Node Ref:f1 | I/L :mm | Depth: 0.3mm

Position	Code	Description	Photo	Type/Grade
0.00	MH	Start node type, manhole, reference f1	6178001	Comment / 0
0.00	WL	Water level 0% height/diameter	6178002	Comment / 0
3.24	BRF	Finish node type, major connection without manhole, reference f1svp	6178004	Comment / 0

End Node Ref:f1svp | I/L :mm | Depth: 0.2mm

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Job Number	Surveyed by (Operator)	Base Unit	Date
7690	**liam**	**B3126LKR4K**	**24/03/2022**

Start node type, manhole, reference f1

Water level 0% height/diameter

Finish node type, major connection without manhole, reference f1svp

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Surveyed by (Operator)	Job Number	Pipe Length Reference(PLR)	Date	Pre Cleaned
liam	**7690**	**f2svp X**	**24/03/2022**	**Not Cleaned**
Weather	Customer Present	Service Grade/Structural Grade	Base Unit	Section Number
1 - Dry		**0/0**	**B3126LKR4K**	**5**

Road **park house farm**
Place **hordley**
Location **ellesmere**

Division
District
Location Details

Purpose
Duty **Foul**
Catchment

Shape/Size **100mm**
Material **Polyvinyl chloride**
Category

Start Node **f2**
End Node **f2svp**
Total length **2.64 metres**

Scale **1:0.14**
Direction **Upstream**

Start Node Ref:f2 | I/L :mm | Depth: 0.4mm

Position	Code	Description	Photo	Type/Grade
0.00	MH	Start node type, manhole, reference f2	6178005	Comment / 0
0.00	WL	Water level 0% height/diameter	6178007	Comment / 0
2.64	BRF	Finish node type, major connection without manhole, reference f2svp	6178009	Comment / 0

End Node Ref:f2svp | I/L :mm | Depth: 0.2mm

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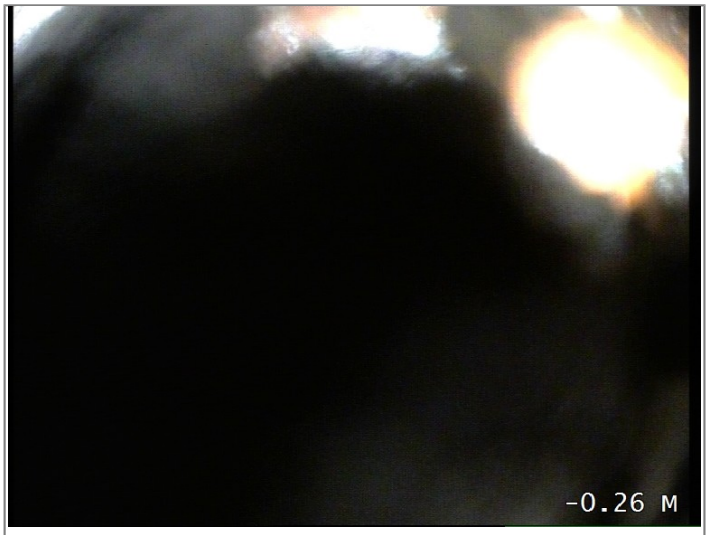
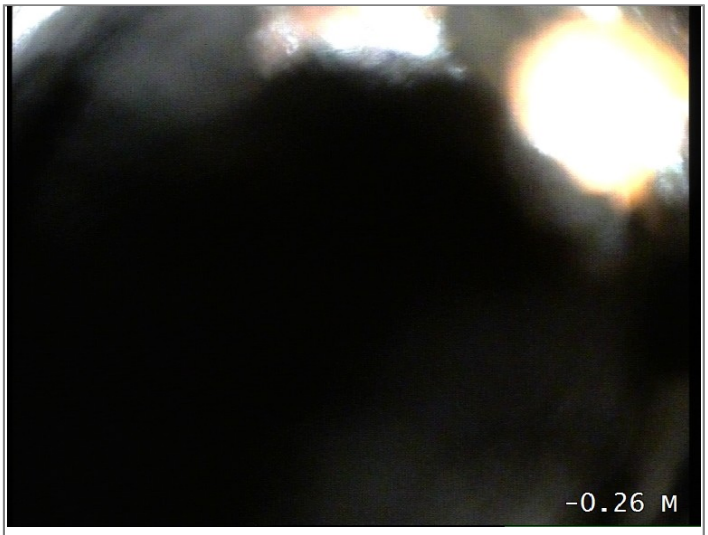
CCTV Inspection Photos

Job Number	Surveyed by (Operator)	Base Unit	Date
7690	**liam**	**B3126LKR4K**	**24/03/2022**



Start node type, manhole, reference f2



Water level 0% height/diameter

Finish node type, major connection without manhole, reference f2svp

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Surveyed by (Operator)	Job Number	Pipe Length Reference(PLR)	Date	Pre Cleaned
liam	**7690**	**f2gy X**	**24/03/2022**	**Not Cleaned**
Weather	Customer Present	Service Grade/Structural Grade	Base Unit	Section Number
1 - Dry		**0/0**	**B3126LKR4K**	**6**

Road **park house farm**
Place **hordley**
Location **ellesmere**

Division
District
Location Details

Purpose
Duty **Foul**
Catchment

Shape/Size **100mm**
Material **Polyvinyl chloride**
Category

Start Node **f2**
End Node **f2gy**
Total length **1.33 metres**

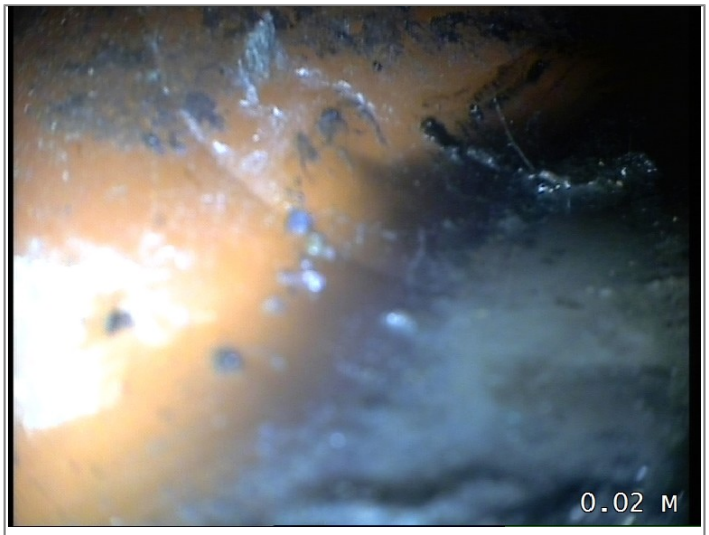
Scale **1:0.07**
Direction **Upstream**

Start Node Ref:f2 | I/L :mm | Depth: 0.4mm

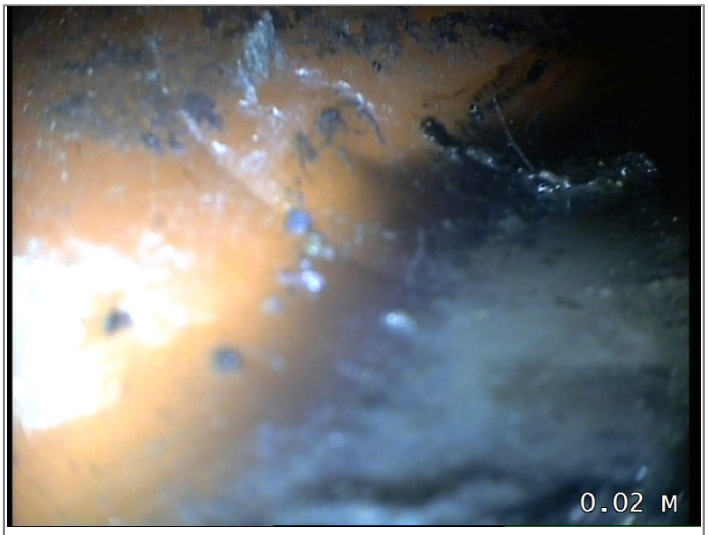
Position	Code	Description	Photo	Type/Grade
0.00	MH	Start node type, manhole, reference f2	6178011	Comment / 0
0.00	WL	Water level 0% height/diameter	6178012	Comment / 0
1.33	GYF	Finish node type, gully, reference f2gy	6178013	Comment / 0

End Node Ref:f2gy | I/L :mm | Depth: 0.2mm

Job Number	Surveyed by (Operator)	Base Unit	Date
7690	**liam**	**B3126LKR4K**	**24/03/2022**



Start node type, manhole, reference f2



Water level 0% height/diameter

Finish node type, gully, reference f2gy

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Surveyed by (Operator)	Job Number	Pipe Length Reference(PLR)	Date	Pre Cleaned
liam	**7690**	**f2 X**	**24/03/2022**	**Not Cleaned**
Weather	Customer Present	Service Grade/Structural Grade	Base Unit	Section Number
1 - Dry		**0/0**	**B3126LKR4K**	**7**

Road **park house farm**
Place **hordley**
Location **ellesmere**

Division
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Location Details

Purpose
Duty **Foul**
Catchment

Shape/Size **100mm**
Material **Polyvinyl chloride**
Category

Start Node **f2**
End Node **f3**
Total length **9 metres**

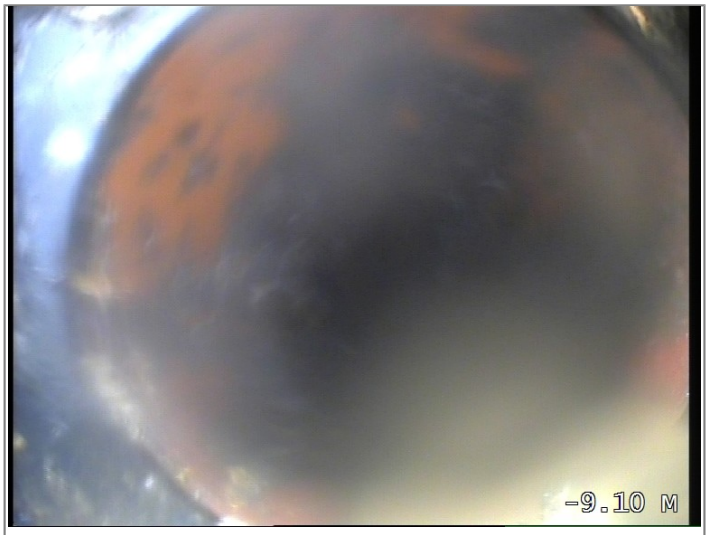
Scale **1:0.47**
Direction **Downstream**

Start Node Ref:f2 | I/L :mm | Depth: 0.4mm

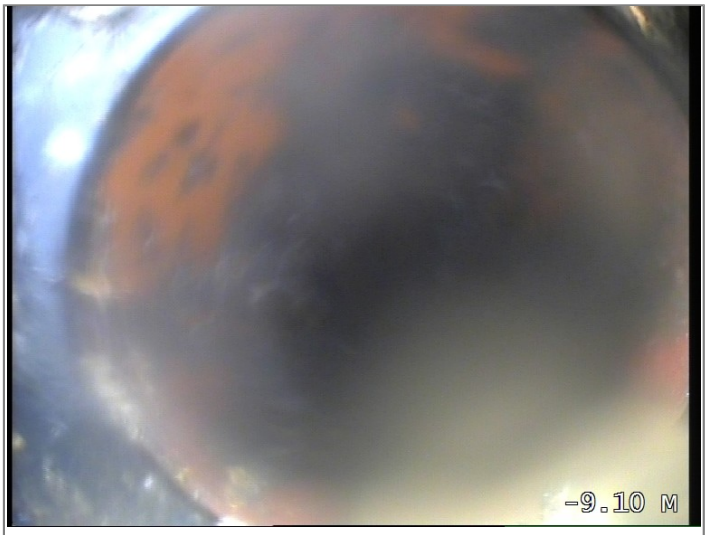
Position	Code	Description	Photo	Type/Grade
0.00	MH	Start node type, manhole, reference f2	6178014	Comment / 0
0.00	WL	Water level 0% height/diameter	6178015	Comment / 0
9.00	MHF	Finish node type, manhole, reference f3	6178016	Comment / 0

End Node Ref:f3 | I/L :mm | Depth: 0.6mm

Job Number	Surveyed by (Operator)	Base Unit	Date
7690	**liam**	**B3126LKR4K**	**24/03/2022**



Start node type, manhole, reference f2



Water level 0% height/diameter

Finish node type, manhole, reference f3

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Surveyed by (Operator)	Job Number	Pipe Length Reference(PLR)	Date	Pre Cleaned
liam	**7690**	**f3 X**	**24/03/2022**	**Not Cleaned**
Weather	Customer Present	Service Grade/Structural Grade	Base Unit	Section Number
1 - Dry		**0/0**	**B3126LKR4K**	**8**

Road **park house farm**
Place **hordley**
Location **ellesmere**

Division
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Location Details

Purpose
Duty **Foul**
Catchment

Shape/Size **100mm**
Material **Polyvinyl chloride**
Category

Start Node **f3**
End Node **f4**
Total length **5.57 metres**

Scale **1:0.29**
Direction **Downstream**

Start Node Ref:f3 | I/L :mm | Depth: 0.6mm

Position	Code	Description	Photo	Type/Grade
0.00	MH	Start node type, manhole, reference f3	6178017	Comment / 0
0.00	WL	Water level 0% height/diameter	6178018	Comment / 0
5.57	MHF	Finish node type, manhole, reference f4	6178020	Comment / 0

End Node Ref:f4 | I/L :mm | Depth: 0.7mm

Job Number	Surveyed by (Operator)	Base Unit	Date
7690	**liam**	**B3126LKR4K**	**24/03/2022**

Start node type, manhole, reference f3

Water level 0% height/diameter

Finish node type, manhole, reference f4

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Surveyed by (Operator)	Job Number	Pipe Length Reference(PLR)	Date	Pre Cleaned
liam	**7690**	**f4 X**	**24/03/2022**	**Not Cleaned**
Weather	Customer Present	Service Grade/Structural Grade	Base Unit	Section Number
1 - Dry		**0/0**	**B3126LKR4K**	**9**

Road **park house farm**
Place **hordley**
Location **ellesmere**

Division
District
Location Details

Purpose
Duty **Foul**
Catchment

Shape/Size **100mm**
Material **Polyvinyl chloride**
Category

Start Node **f4**
End Node **f5**
Total length **9.5 metres**

Scale **1:0.50**
Direction **Downstream**

Start Node Ref:f4 | I/L :mm | Depth: 0.7mm

Position	Code	Description	Photo	Type/Grade
0.00	MH	Start node type, manhole, reference f4	6178021	Comment / 0
0.00	WL	Water level 0% height/diameter	6178024	Comment / 0
9.50	MHF	Finish node type, manhole, reference f5	6178026	Comment / 0

End Node Ref:f5 | I/L :mm | Depth: 0.8mm

Wrekin Drain Services
Everglow, Lincoln Road
Wrockwardine Wood
Telford
Shropshire
TF2 6LQ

CCTV Inspection Photos

Job Number	Surveyed by (Operator)	Base Unit	Date
7690	**liam**	**B3126LKR4K**	**24/03/2022**

Start node type, manhole, reference f4

Water level 0% height/diameter

Finish node type, manhole, reference f5

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CCTV Inspection Report

Surveyed by (Operator)	Job Number	Pipe Length Reference(PLR)	Date	Pre Cleaned
liam	**7690**	**f5 X**	**24/03/2022**	**Not Cleaned**
Weather	Customer Present	Service Grade/Structural Grade	Base Unit	Section Number
1 - Dry		**0/2**	**B3126LKR4K**	**10**

Road **park house farm**
Place **hordley**
Location **ellesmere**

Division
District
Location Details

Purpose
Duty **Foul**
Catchment

Shape/Size **100mm**
Material **Polyvinyl chloride**
Category

Start Node **f5**
End Node **tank**
Total length **7.05 metres**

Scale **1:0.37**
Direction **Downstream**

Start Node Ref:f5 | I/L :mm | Depth: 0.8mm

Position	Code	Description	Photo	Type/Grade
0.00	MH	Start node type, manhole, reference f5	6178027	Comment / 0
0.00	WL	Water level 0% height/diameter	6178028	Comment / 0
5.36	OJL	Open joint large	6178029	Structural / 1
5.64	OJL	Open joint large	6178030	Structural / 1
5.64	CL	Crack longitudinal at 3 o'clock	6178031	Structural / 2
7.05	MHF	Finish node type, manhole, reference tank	6178033	Comment / 0

End Node Ref:tank | I/L :mm

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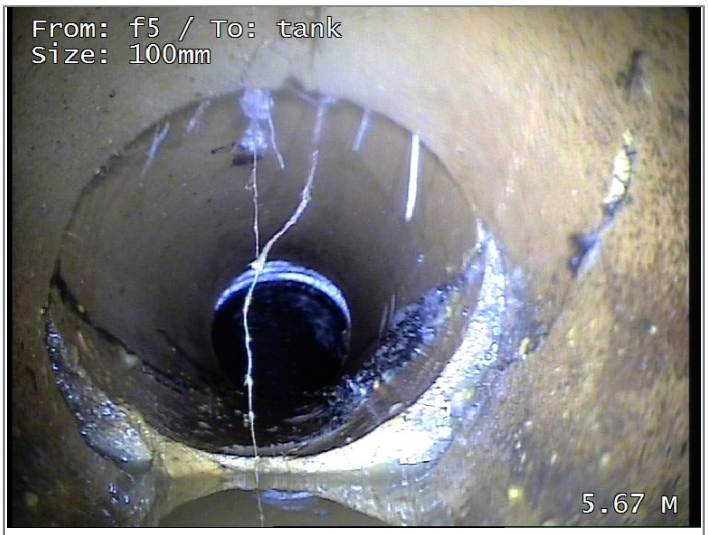
CCTV Inspection Photos

Job Number	Surveyed by (Operator)	Base Unit	Date
7690	**liam**	**B3126LKR4K**	**24/03/2022**

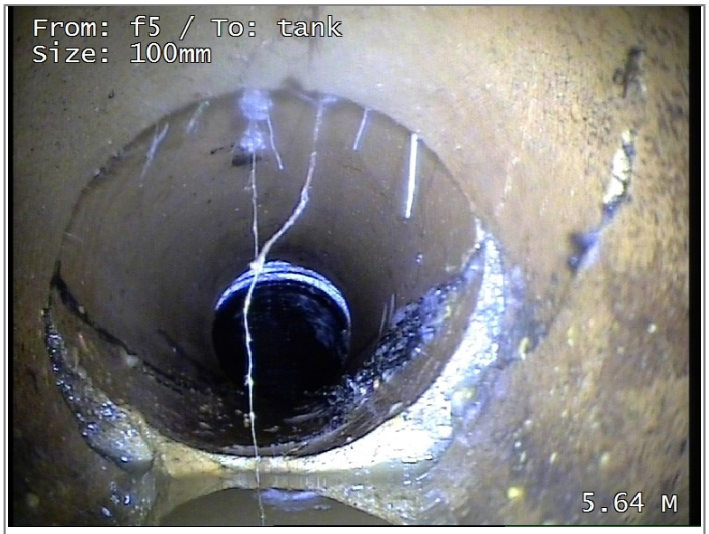
Start node type, manhole, reference f5

Water level 0% height/diameter

Open joint large



Open joint large



Crack longitudinal at 3 o'clock

Finish node type, manhole, reference tank

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CCTV Inspection Report

Surveyed by (Operator)	Job Number	Pipe Length Reference(PLR)	Date	Pre Cleaned
liam	**7690**	**f6 X**	**24/03/2022**	**Not Cleaned**
Weather	Customer Present	Service Grade/Structural Grade	Base Unit	Section Number
1 - Dry		**0/0**	**B3126LKR4K**	**11**

Road **park house farm**
Place **hordley**
Location **ellesmere**

Division
District
Location Details

Purpose
Duty **Foul**
Catchment

Shape/Size **100mm**
Material **Polyvinyl chloride**
Category

Start Node **f4**
End Node **f6**
Total length **0.64 metres**

Scale **1:0.03**
Direction **Upstream**

Start Node Ref:f4 | I/L :mm | Depth: 0.7mm

Position	Code	Description	Photo	Type/Grade
0.00	MH	Start node type, manhole, reference f4	6178034	Comment / 0
0.00	WL	Water level 0% height/diameter	6178035	Comment / 0
0.64	MHF	Finish node type, manhole, reference f6	6178044	Comment / 0

End Node Ref:f6 | I/L :mm | Depth: 0.6mm

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CCTV Inspection Photos

Job Number	Surveyed by (Operator)	Base Unit	Date
7690	**liam**	**B3126LKR4K**	**24/03/2022**

Start node type, manhole, reference f4

Water level 0% height/diameter

Finish node type, manhole, reference f6

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CCTV Inspection Report

Surveyed by (Operator)	Job Number	Pipe Length Reference(PLR)	Date	Pre Cleaned
liam	**7690**	**f4svp X**	**24/03/2022**	**Not Cleaned**
Weather	Customer Present	Service Grade/Structural Grade	Base Unit	Section Number
1 - Dry		**0/0**	**B3126LKR4K**	**12**

Road **park house farm**
Place **hordley**
Location **ellesmere**

Division
District
Location Details

Purpose
Duty **Foul**
Catchment

Shape/Size **100mm**
Material **Polyvinyl chloride**
Category

Start Node **f4**
End Node **f4svp**
Total length **0.83 metres**

Scale **1:0.04**
Direction **Upstream**

Start Node Ref:f4 | I/L :mm | Depth: 0.7mm

Position	Code	Description	Photo	Type/Grade
0.00	MH	Start node type, manhole, reference f4	6178048	Comment / 0
0.00	WL	Water level 0% height/diameter	6178049	Comment / 0
0.83	BRF	Finish node type, major connection without manhole, reference f4svp	6178050	Comment / 0

End Node Ref:f4svp | I/L :mm | Depth: 0.2mm

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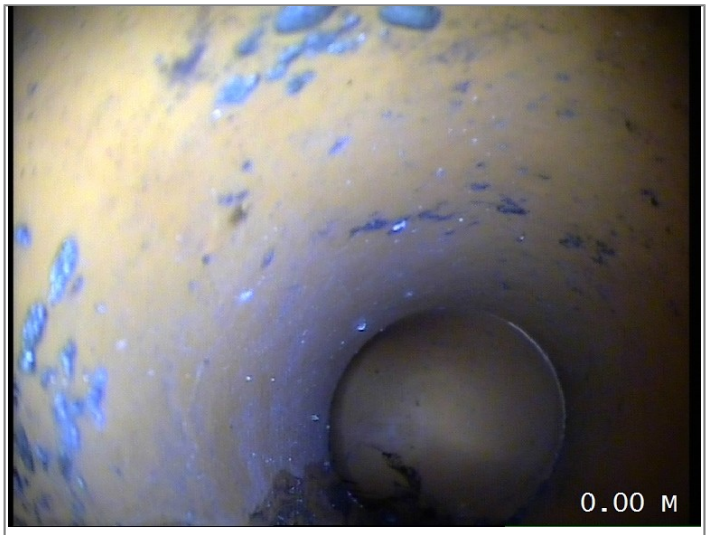
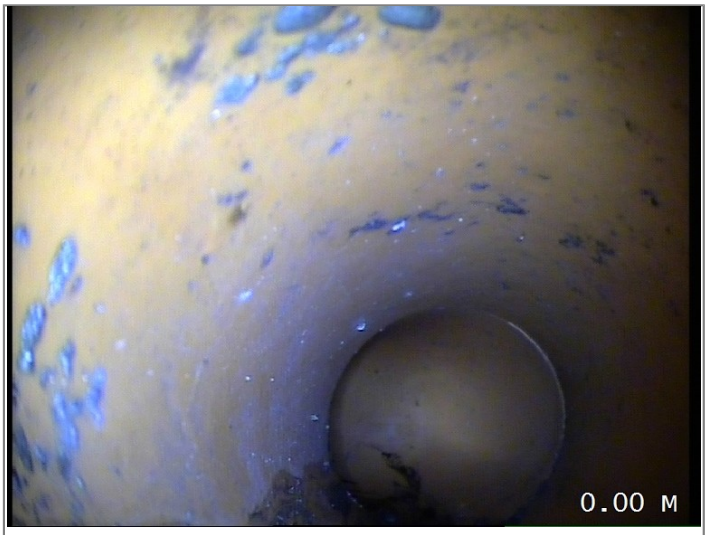
CCTV Inspection Photos

Job Number	Surveyed by (Operator)	Base Unit	Date
7690	**liam**	**B3126LKR4K**	**24/03/2022**



Start node type, manhole, reference f4



Water level 0% height/diameter

Finish node type, major connection without manhole, reference f4svp

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CCTV Inspection Report

Surveyed by (Operator)	Job Number	Pipe Length Reference(PLR)	Date	Pre Cleaned
liam	**7690**	**tank X**	**24/03/2022**	**Not Cleaned**
Weather	Customer Present	Service Grade/Structural Grade	Base Unit	Section Number
1 - Dry		**0/0**	**B3126LKR4K**	**13**

Road **park house farm**
Place **hordley**
Location **ellesmere**

Division
District
Location Details

Purpose
Duty **Foul**
Catchment

Shape/Size **100mm**
Material **Polyvinyl chloride**
Category

Start Node **tank**
End Node **tank outlet**
Total length **0.26 metres**

Scale **1:0.01**
Direction **Downstream**

Start Node Ref:tank | I/L :mm

Position	Code	Description	Photo	Type/Grade
0.00	MH	Start node type, manhole, reference tank	6178075	Comment / 0
0.00	WL	Water level 0% height/diameter	6178078	Comment / 0

0.26	MHF	Finish node type, manhole, reference tank outlet	6178085	Comment / 0

End Node Ref:tank outlet | I/L :mm

Job Number	Surveyed by (Operator)	Base Unit	Date
7690	**liam**	**B3126LKR4K**	**24/03/2022**

Start node type, manhole, reference tank

Water level 0% height/diameter

Finish node type, manhole, reference tank outlet

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Structural Defects (SRM 4)

Job Number	Surveyed by (Operator)	Base Unit	Date
7690	**liam**	**B3126LKR4K**	**24/03/2022**

No.	PLR	Dir.	Use	Shape/Size	Date	Mat.	Total Length	Inspection Length	Cat.	Peak Score	Grade	Mean Score	Total Score
1	s4rwp X	U	S	100	24/03/2022	Polyvinyl chloride	49.81 metres	49.81		0	1	0	0
2	s1 X	U	S	100	24/03/2022	Polyvinyl chloride	56 metres	56		0	1	0	0
3	f1 X	U	F	100	24/03/2022	Polyvinyl chloride	10.17 metres	10.17		0	1	0	0
4	f1svp X	U	F	100	24/03/2022	Polyvinyl chloride	3.24 metres	3.24		0	1	0	0
5	f2svp X	U	F	100	24/03/2022	Polyvinyl chloride	2.64 metres	2.64		0	1	0	0
6	f2gy X	U	F	100	24/03/2022	Polyvinyl chloride	1.33 metres	1.33		0	1	0	0
7	f2 X	D	F	100	24/03/2022	Polyvinyl chloride	9 metres	9		0	1	0	0
8	f3 X	D	F	100	24/03/2022	Polyvinyl chloride	5.57 metres	5.57		0	1	0	0
9	f4 X	D	F	100	24/03/2022	Polyvinyl chloride	9.5 metres	9.5		0	1	0	0
10	f5 X	D	F	100	24/03/2022	Polyvinyl chloride	7.05 metres	7.05		10	2	1.99	14
11	f6 X	U	F	100	24/03/2022	Polyvinyl chloride	0.64 metres	0.64		0	1	0	0
12	f4svp X	U	F	100	24/03/2022	Polyvinyl chloride	0.83 metres	0.83		0	1	0	0
13	tank X	D	F	100	24/03/2022	Polyvinyl chloride	0.26 metres	0.26		0	1	0	0

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Service Defects (SRM 4)

Job Number	Surveyed by (Operator)	Base Unit	Date
7690	**liam**	**B3126LKR4K**	**24/03/2022**

No.	PLR	Dir.	Use	Shape/Size	Date	Mat.	Total Length	Inspection Length	Cat.	Peak Score	Grade	Mean Score	Total Score
1	s4rwp X	U	S	100	24/03/2022	Polyvinyl chloride	49.81 metres	49.81		0	1	0	0
2	s1 X	U	S	100	24/03/2022	Polyvinyl chloride	56 metres	56		0	1	0	0
3	f1 X	U	F	100	24/03/2022	Polyvinyl chloride	10.17 metres	10.17		0	1	0	0
4	f1svp X	U	F	100	24/03/2022	Polyvinyl chloride	3.24 metres	3.24		0	1	0	0
5	f2svp X	U	F	100	24/03/2022	Polyvinyl chloride	2.64 metres	2.64		0	1	0	0
6	f2gy X	U	F	100	24/03/2022	Polyvinyl chloride	1.33 metres	1.33		0	1	0	0
7	f2 X	D	F	100	24/03/2022	Polyvinyl chloride	9 metres	9		0	1	0	0
8	f3 X	D	F	100	24/03/2022	Polyvinyl chloride	5.57 metres	5.57		0	1	0	0
9	f4 X	D	F	100	24/03/2022	Polyvinyl chloride	9.5 metres	9.5		0	1	0	0
10	f5 X	D	F	100	24/03/2022	Polyvinyl chloride	7.05 metres	7.05		0	1	0	0
11	f6 X	U	F	100	24/03/2022	Polyvinyl chloride	0.64 metres	0.64		0	1	0	0
12	f4svp X	U	F	100	24/03/2022	Polyvinyl chloride	0.83 metres	0.83		0	1	0	0
13	tank X	D	F	100	24/03/2022	Polyvinyl chloride	0.26 metres	0.26		0	1	0	0

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Defect Grade Descriptions

Job Number	Surveyed by (Operator)	Base Unit	Date
7690	**liam**	**B3126LKR4K**	**24/03/2022**

1: Occurences without damage. For example, laterals, joints,etc.

NO DEFECTS WERE DETECTED.

2: Constructional deficiencies or occurences with insignificant influence to tightness, hydraulic or static pressure or pipe: Eg. wide joints, badly torched intakes, minor deformation of plastic pipes, minor erosions etc.

REHABILITATION CAN BE SCHEDULED LONG-TERM.

3: Constructional deficiencies diminishing static, hydraulic and tightness: Eg. untorched intakes, cracks, minor drainage obstructions such as calcite build ups, protruding laterals, minor damages to pipe wall, individual root penetrations, corroded pipe walls etc.

REHABILITATION IS NECESSARY MEDIUM-TERM WITHIN 3 TO 5 YEARS.

4: Constructional damages with insufficent static safety, hydraulic or tightness: Eg. axial/radial pipe bursts, pipe deformations, visually noticeable infiltration/exfiltration, cavities, in pipe-wall, severe protruding, laterals severe root penetrations, severe corrosion of pipe wall etc.

REHABILITATION PROCEDURE IS URGENT AND HAS TO BE COMPLETED WITHIN 1 TO 2 YEARS. NECESSITY FOR EMERGENCY OPERATIONS HAS TO BE EXAMINED.

5: Pipe is already or will shortly be impermeable: Eg. collapsed pipe, deeply rooted pipe or other drainage obstructions. Pipe loses water or danger of backwater in basements etc.

REHABILITATION IS URGENT AND SHORT-TERM. IN ORDER TO PREVENT FURTHER DAMAGE, NECESSARY TEMPORARY SPOT REPAIR HAS TO BE CONDUCTED ON EMERGENCY LEVEL.

App I

Automatic Fire Extinguishers-Specification

Dry Powder is an effective suppressant on Class A, B, C fires and electrical equipment fires ideally used in confined spaces.

This CE Approved Automatic Extinguisher can be used for the following applications: trucks, small boats, large boats, motor sports and engine/plant rooms.

The 12kg Automatic Fire Extinguisher will cover a radial area of 18 metres positioned at a height of 3.5 metres.

This automatic extinguisher is fully refillable, it's supplied with a 68°C red bulb as standard (other temperatures available on request for bulk orders).

Technical Data	
Product Code:	AU001/017
Product:	FireChief 12Kg Automatic Dry Powder Fire Extinguisher
Height:	372mm
Capacity:	12 Kilograms
Cylinder Diameter:	290mm
Filled Weight:	15.66Kg
Range Of Throw:	18 Metres
Duration Of Discharge:	30 Seconds
CE Approved:	Yes

App J

FLOODCONTROL INTERNATIONAL

BOXWALL FLOOD BARRIER

NOAQ Boxwall is a freestanding temporary flood barrier designed for fast response to flood threats in an urban environment, on hard and even surfaces like tarmac, paving and concrete.

NOAQ Flood Fighting System

The NOAQ Boxwall is able to dam 0.5m of water and is extremely lightweight and easy to deploy. Although the weight of each box section is light, at only 6.2kg, the Boxwall stands firm without any external fastening, even when damming water to its full height. The Boxwall flood barrier is anchored by the weight of the flood water itself.

The Boxwall is particularly useful during flash flooding to control fast flowing water, diverting it away from vulnerable entrances. The Boxwall sections simple stick with the asphalt and divert the water.

The Boxwall is built up by slotting together any number of box sections. The flexible ± 3° coupling makes it possible to create curves, but it is also possible to make corners using a bespoke corner piece.

After the flood, the Boxwall is easily dismantled and can be cleaned using a garden hose. The box sections are stackable, which means they require very little space to store and are easy to transport.

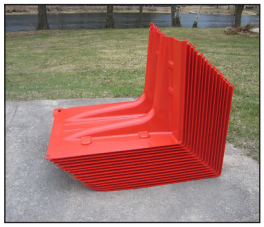
Fast deployment, lightweight flood barrier for quick response flood protection in urban areas - unlimited length up to 0.5m high.

USES

- Single openings and driveways.
- Single buildings to whole residential and commercial areas.
- Fast response flash flood diversion.

BENEFITS

- ***Lightweight*** - can be deployed quickly by a single person.
- ***Speed*** - the low weight enables fast deployment - save more property in less time.
- ***Stable*** - friction and water pressure ensures flood barrier is stable and well anchored.
- ***Flexible*** - can be used in curves and at corners, using bespoke corner sections. It can also cover small steps, using special 'gable' sections.
- ***Efficient***- takes little storage space when stacked and is easy to transport.



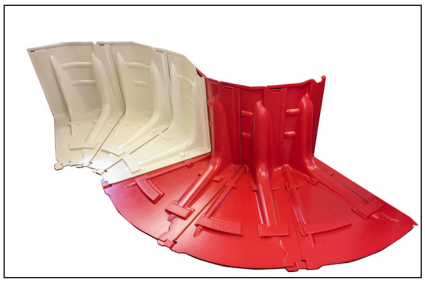
FLOODCONTROL INTERNATIONAL

DESIGN

SPECIFICATIONS

Max water level:	0.5m
Dimension of box sections:	980mm (L) x 680mm (W) x 530mm (H)
Effective length:	900mm (111 box sections = 100m)
Weight:	6.2kg/box section (6.9kg/m)
Speed of deployment:	c 200m/h
Material:	mould-injected polypropylene
Temperature resistance:	-30°C to +90°C
Storage capacity:	Up to 23m on a pallet.

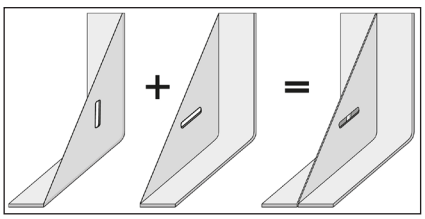
CORNER SUPPORT



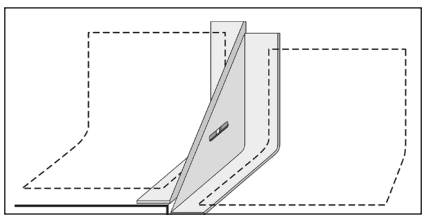
The NOAQ Boxwall Corner Sections makes it possible to create inward and outward corners, enabling the Boxwall to protect contained areas from flooding.

The 30° corner sections fit together like normal boxwall sections.

GABLE SUPPORT



The Boxwall Gable Support is a complement or extension to the NOAQ Boxwall. It offers a length flexibility to a Boxwall, but it can also be used to let a Boxwall pass a small vertical drop like a step or a kerb.



Two gables are connected as shown below, transposed vertically to fit the height difference of the kerb. A boxwall from each direction is put on top of the horizontal parts of the gables, resting against the vertical parts.

App K

App L

Maintenance Schedule

Vision Recycling UK Ltd

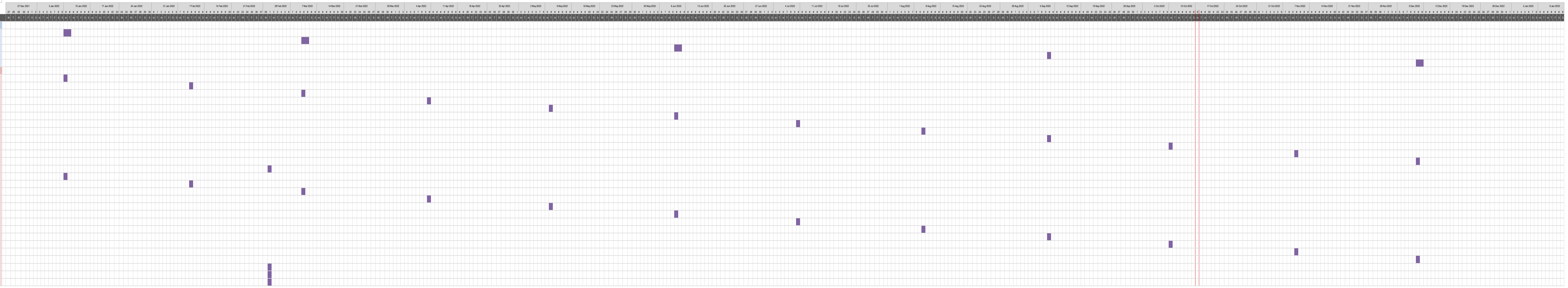
Daniel Yeomans

Project Start: Sat, 01/01/2022

Display Week: 1

TASK	Description	START	END
Doosan Forklifts x3			
A Service	Basic A Service via Windsor Handling	10/1/22	11/1/22
B Service	Conprehensive B Service via Windsor Handling	10/3/22	11/3/22
A Service	Basic A Service via Windsor Handling	10/6/22	11/6/22
B Service	Conprehensive B Service via Windsor Handling	10/9/22	10/9/22
LOLER	Yearly LOLER	10/12/22	11/12/22
Process Equipment			
Conveyors	All conveyors lubrication and clean down	10/1/22	10/1/22
Conveyors	All conveyors lubrication and clean down	10/2/22	10/2/22
Conveyors	All conveyors lubrication and clean down	10/3/22	10/3/22
Conveyors	All conveyors lubrication and clean down	10/4/22	10/4/22
Conveyors	All conveyors lubrication and clean down	10/5/22	10/5/22
Conveyors	All conveyors lubrication and clean down	10/6/22	10/6/22
Conveyors	All conveyors lubrication and clean down	10/7/22	10/7/22
Conveyors	All conveyors lubrication and clean down	10/8/22	10/8/22
Conveyors	All conveyors lubrication and clean down	10/9/22	10/9/22
Conveyors	All conveyors lubrication and clean down	10/10/22	10/10/22
Conveyors	All conveyors lubrication and clean down	10/11/22	10/11/22
Conveyors	All conveyors lubrication and clean down	10/12/22	10/12/22
Main Satrind Shredder	Yearly Service	1/3/22	1/3/22
Eddy Current	Bearing lubrication and clean down	10/1/22	10/1/22
Eddy Current	Bearing lubrication and clean down	10/2/22	10/2/22
Eddy Current	Bearing lubrication and clean down	10/3/22	10/3/22
Eddy Current	Bearing lubrication and clean down	10/4/22	10/4/22
Eddy Current	Bearing lubrication and clean down	10/5/22	10/5/22
Eddy Current	Bearing lubrication and clean down	10/6/22	10/6/22
Eddy Current	Bearing lubrication and clean down	10/7/22	10/7/22
Eddy Current	Bearing lubrication and clean down	10/8/22	10/8/22
Eddy Current	Bearing lubrication and clean down	10/9/22	10/9/22
Eddy Current	Bearing lubrication and clean down	10/10/22	10/10/22
Eddy Current	Bearing lubrication and clean down	10/11/22	10/11/22
Eddy Current	Bearing lubrication and clean down	10/12/22	10/12/22
Shakers	Yearly inspection of all shakers	1/3/22	1/3/22
BJD Hammer Mill	Yearly Service	1/3/22	1/3/22
Optical Sorter	Yearly Service	1/3/22	1/3/22

Insert new rows ABOVE



App M

DS-2TD2117-3/P
Thermal Network Bullet Camera

DeepinView series

Hikvision DS-2TD2117-3/P Thermal Network Bullet Camera, equipped with built-in GPU which supports intelligent behavior analysis algorithm, can realize high-precision VCA detection and real-time alarm. It is applied to perimeter protection and fire prevention purposes in commercial facilities such as residential, retail, villa, parking lot, museum, data centers and so on. The pre-alarm system helps you discover unexpected events immediately and protects your property.

Key Feature

- Behavior analysis function, based on deep learning algorithm: line crossing, intrusion, region entrance & exit
- Temperature exception alarm for fire prevention
- Fire detection algorithm
- 160 × 120 (the resolution of output image is 320 × 240) resolution 17 μm, VOx UFPA, NETD ≤ 40 mK (25 °C, F# = 1.1)
- Image processing technology: Liner, histogram, and self-adaptive thermal AGC mode, DDE, 3D DNR

Specification

Thermal Module	
Image Sensor	Vanadium Oxide Uncooled Focal Plane Arrays
Resolution	160 × 120 (the resolution of output image is 320 × 240)
Pixel Interval	17 μm
Response Waveband	8 μm to 14 μm
NETD (Noise Equivalent Temperature Difference)	≤ 40 mK (25 °C, F# = 1.1)
Focal Length	3.1 mm
IFOV	5.48 mrad
Field of View	50° × 37.2° (H × V)
Min. Focusing Distance	0.2 m
Aperture	F 1.1
Digital Zoom	×2, ×4, ×8
Image Effect	
Target Coloration	Yes. Supported in white hot and black hot mode.
Smart Function	
VCA (Video Content Analysis)	4 VCA rule types (line crossing, intrusion, region entrance, and region exiting), up to 8 VCA rules in total.
Temperature Measurement	3 temperature measurement rule types, 21 rules in total (10 points, 10 regions, and 1 line).
Temperature Range	-20 °C to 150 °C (-4 °F to 302 °F)
Temperature Accuracy	± 8 °C (14.4 °F)
Fire Detection	Dynamic fire detection, up to 10 fire points detectable.
Video & Audio	
Main Stream	25 fps (1280 × 720, 704 × 576, 640 × 480, 352 × 288, 320 × 240)
Sub-stream	25 fps (704 × 576, 352 × 288, 320 × 240)
Third Stream	25 fps (1280 × 720, 704 × 576, 352 × 288, 320 × 240)
Video Compression	Main Stream: H.265/H.264 Sub-stream: H.265/H.264/MJPEG Third Stream: H.265/H.264/MJPEG
Audio Compression	G.711u/G.711a/G.722.1/MP2L2/G.726/PCM
Network	
Protocols	IPv4/IPv6, HTTP, HTTPS, 802.1x, Qos, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTCP, RTP, TCP, UDP, IGMP, ICMP, DHCP, PPPoE
Network Storage	MicroSD/SDHC/SDXC card (up to 256 G) local storage, and NAS (NFS, SMB/CIFS), auto network replenishment (ANR)
API	ISAPI, HIKVISION SDK, third-party management platform, ONVIF (Profile S, Profile G, Profile T)
Simultaneous Live View	Up to 20 channels

User/Host Level	Up to 32 users, 3 levels: Administrator, Operator, User
Security	User authentication (ID and PW), MAC address binding, HTTPS encryption, IEEE 802.1x(EAP-MD5, EAP-TLS), access control, IP address filtering
Client	iVMS-4200, Hik-Connect
Web Browser	Live view (plug-in allowed) : Internet Explorer 11 Live view (plug-in free) : Chrome 57.0 +, Firefox 52.0 + Local service : Chrome 57.0+, Firefox 52.0 +
Interface	
Alarm Input	2-ch inputs (0-5 VDC)
Alarm Output	2-ch relay outputs, alarm response actions configurable
Alarm Action	SD card record/relay output/smart capture/FTP upload/email linkage
Audio Input	1, 3.5 mm Mic in/Line in interface. Line input: 2-2.4 V [p-p], output impedance: 1 KΩ ± 10%
Audio Output	Linear level, impedance: 600 Ω
Communication Interface	1, RJ45 10 M/100 M self-adaptive Ethernet interface. 1, RS-485 interface
General	
Menu Language	32 languages English, Russian, Estonian, Bulgarian, Hungarian, Greek, German, Italian, Czech, Slovak, French, Polish, Dutch, Portuguese, Spanish, Romanian, Danish, Swedish, Norwegian, Finnish, Croatian, Slovenian, Serbian, Turkish, Korean, Traditional Chinese, Thai, Vietnamese, Japanese, Latvian, Lithuanian, Portuguese (Brazil)
Power	12 VDC ± 20%, two-core terminal block PoE (802.3af, class 3)
Power Consumption	12 VDC ± 20%: 0.4 A, max. 4.5 W PoE (802.3af, class 3): 42.5 V to 57 V, 0.14 A to 0.22 A, max. 5 W
Working Temperature/Humidity	-40 °C to 65 °C (-40 °F to 149 °F) 95% or less
Protection Level	IP66 Standard TVS 6000V lightning protection, surge protection, voltage transient protection
Dimensions	358.3 mm × 113.5 mm × 115.2 mm (14.10" × 4.47" × 4.53")
Weight	Approx. 1.71 kg (3.77 lb)

DRI Range Table

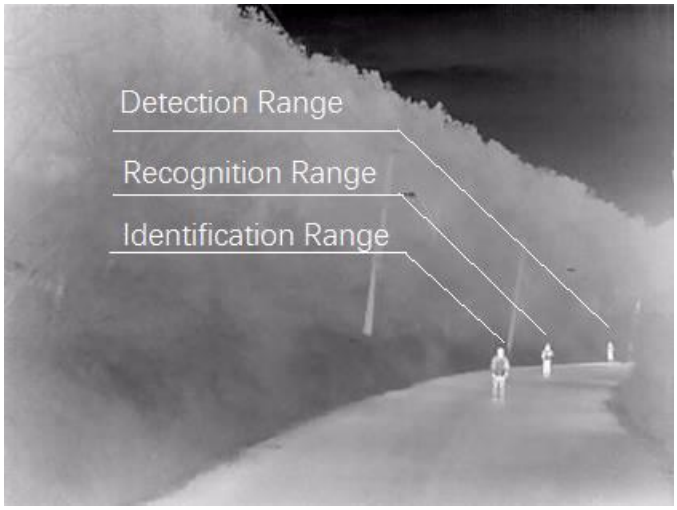
** The table is only for reference and the performance may vary according to different environment.*

** The optimal human detection, recognition, and identification distances are calculated according to Johnson's Criteria.*

Detection Range: In order to distinguish an object from the background, the object must be covered by 1.5 or more pixels.

Recognition Range: In order to classify the object (animal, human, vehicle, etc.), the object must be covered by 6 or more pixels.

Identification Range: In order to identify the object and describe it in details, the object must be covered by 12 or more pixels.



Detection Range (Vehicles: 1.4 × 4.0 m)	Detection Range (Humans: 1.8 × 0.5 m)	Recognition Range (Vehicles: 1.4 × 4.0 m)	Recognition Range (Humans: 1.8 × 0.5 m)	Identification Range (Vehicles: 1.4 × 4.0 m)	Identification Range (Humans: 1.8 × 0.5 m)
280 m	91 m	70 m	23 m	35 m	11 m

Smart Function Table

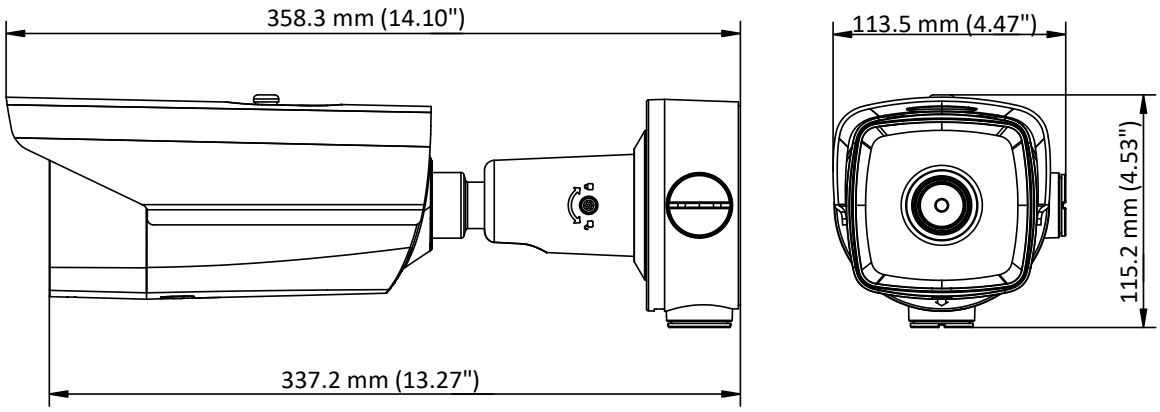
** The table is only for reference and the performance may vary according to different environment.*

VCA Range (Vehicles: 1.4 × 4.0 m)	VCA Range (Humans: 1.8 × 0.5 m)	Temperature Measurement (Object: 2 × 2 m)	Temperature Measurement (Object: 1 × 1 m)	Fire Detection (Object: 2 × 2 m)	Fire Detection (Object: 1 × 1 m)
43 m	15 m	66 m	33 m	180 m	90 m

Available Model

DS-2TD2117-3/P

Dimension



▪ Accessory

DS-1275ZJ-SUS
Vertical Pole Mount

DS-1276ZJ-SUS
Corner Mount

COMPLIANCE NOTICE: The thermal series products might be subject to export controls in various countries or regions, including without limitation, the United States, European Union, United Kingdom and/or other member countries of the Wassenaar Arrangement. Please consult your professional legal or compliance expert or local government authorities for any necessary export license requirements if you intend to transfer, export, re-export the thermal series products between different countries.

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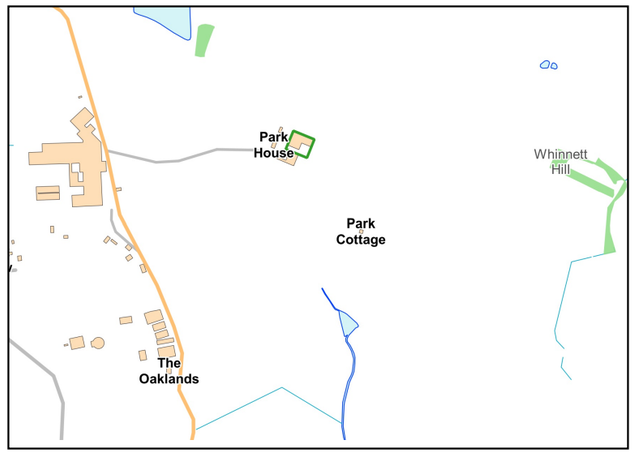
Drawings

N

0 10 20 m



Key:
- Permit Boundary

Drawing Title: Permit Boundary
Address: Vision recycling UK Ltd, Park house farm, Lower Hordley, Ellesmere SY12 9BL.
Ref: 010.1_09_001
Scale: 1:348 (A3)
Date: 2022-10-12
Revison: REV A
Drawn By: AIL
Changelog: - N/A

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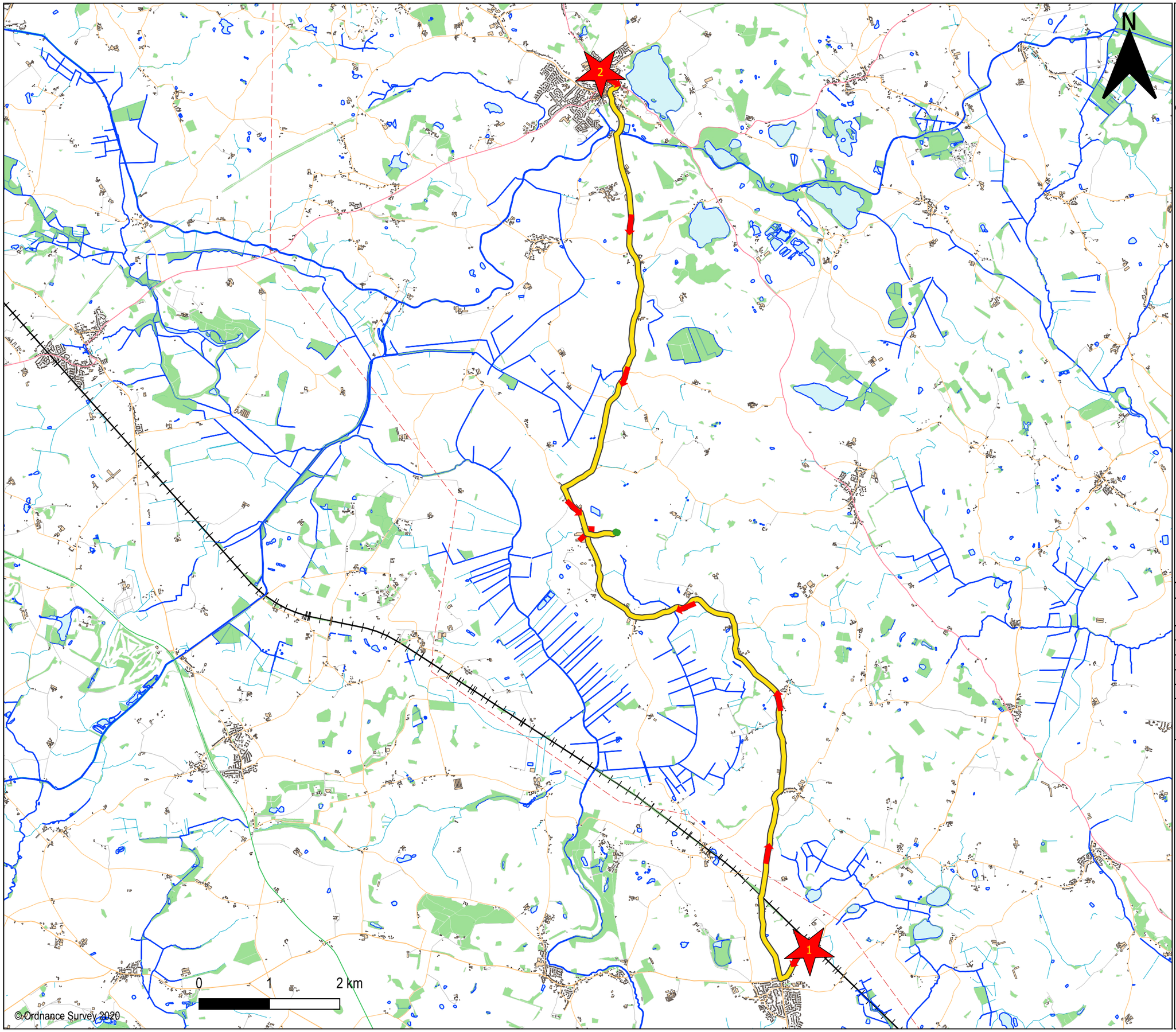

Key:

- Permit Boundary
- Fire Station
- Fire Service Route

Fire Station 1: 9.4 km 14 mins

Fire Station 2: 7 km 11 mins

Drawing Title: FRS Route Plan
Address: Vision recycling UK Ltd, Park house farm, Lower Hordley, Ellesmere SY12 9BL.
Ref: 010.1_09_002
Scale: 1:50000 (A3)
Date:2022-10-12
Revison: REV A
Drawn By: AIL
Changelog: - N/A

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Pre treatment Area

CRT Processing

LCD Processing

Automated Monitor Processing

Quarantine Area

1

2

3

4

5

7

Optical Sorter

Shaker

Conveyor

Conveyor

Overband Magnet

Shaker and Hammer Mill

Conveyor

Shaker

Eddy Current

Shredder

Metal Chute

40 Yard Ro Ro 6

8 40 Yard Ro Ro

N

0 5 10 m

Waste stream	Location (must match site plan)	How it is stored For example this may include piles, boys, containers, skips, racks, bales	Max. length / m	Max. width / m	Max. height / m	Volume / m³	Max. time it will be stored
Pre treated WEEE (20 01 99)	1	IBC Containers (dimensions 1.2 m (l) x 1.0 m (w) x 1.17 m (h))	14	7	3	294	5 working days or less
Post treated WEEE (20 01 99)	2		5	5	3	75	
POS Plastics (16 02 15)	3	Bagged	3	2	2	12	
PCB (16 02 15)	4		1	1	2	2	
Plastic (16 02 15)	5						
Metal (19 12 02)	6	Container 40 yard	6	2.4	2.4	35	
Non-conforming waste	7	Cages box 1.2 m (l) x 1.0 m (w) x 0.75 m (h)	1.2	1	0.75	0.9	
General Waste (20 03 01)	8	Container 40 yard	6	2.4	2.4	35	

Processing Booths
Fire Resistant Barrier
Combustible Waste Storage
Doors
CCTV
CCTV T
Extraction Fan
Ducting
Fire Call Points
Shaker and Hammer Mill
Impermeable Site Surface
Mobile Plant Parking
Fire Water Barrier
Fire Extinguisher
Fire Assembly Point
Suspended Fire Extinguisher
Spill Kits
Smoking Area
Quarantine Area
Fuse Board
Hardstanding
Ramp/Road Way
Unmade Ground
Permit Boundary
Eddy Current
Overband Magnet
Conveyor
Shredder
Metal Chute
RoRo Containers
Bags
Optical Sorter

Key:

Drawing Title: Site Plan

Address: Vision recycling UK Ltd, Park house farm, Lower Hordley, Ellesmere SY12 9BL.

Ref: 010.1_09_004

Scale: 1:189 (A3)

Date: 2022-10-12

Revison: REV A

Drawn By: AIL

Changelog:
- N/A

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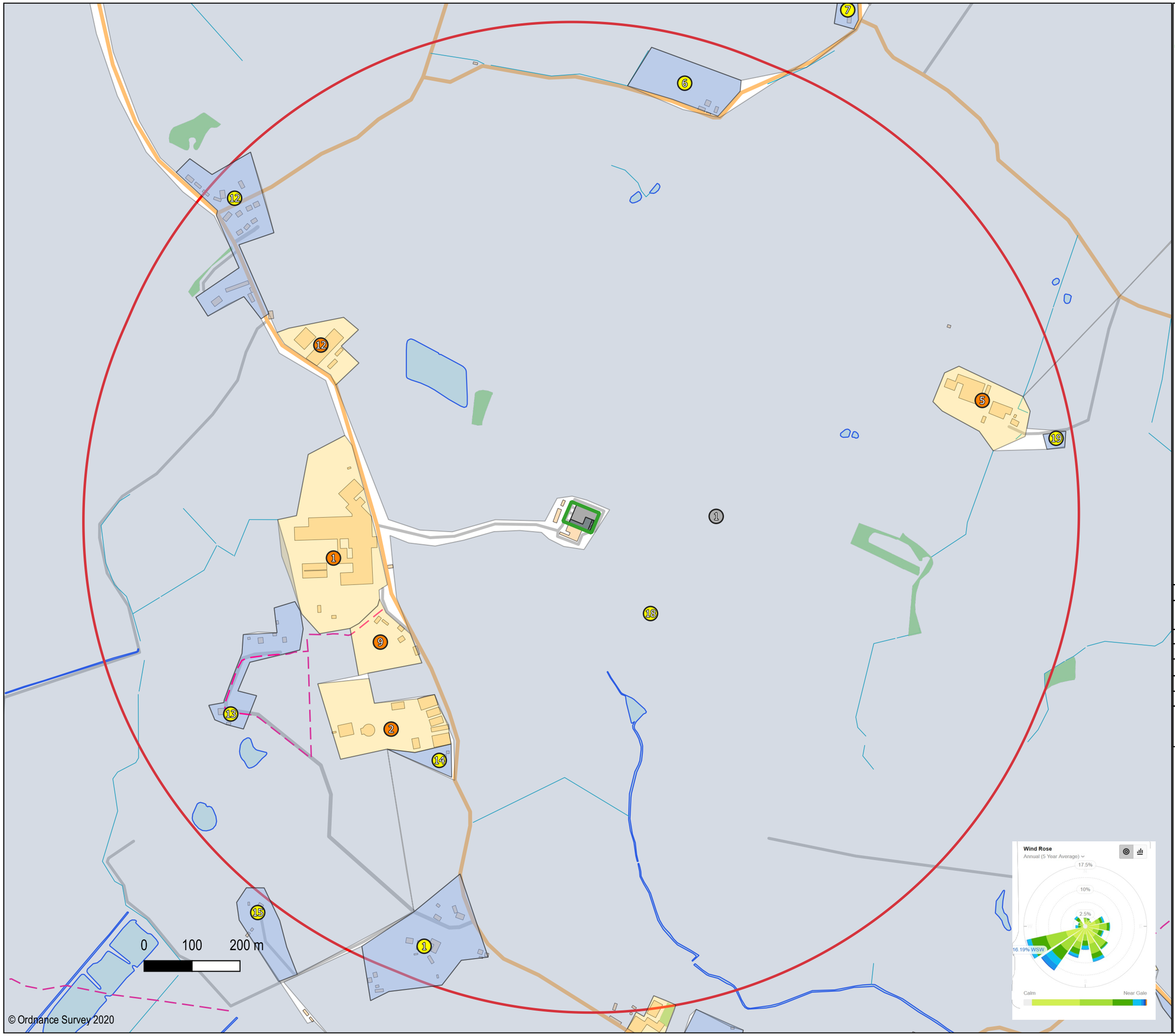

Key:

1 Km Buffer

Permit Boundary

Heritage Site ID

Designated Site ID

Agricultural Use ID

Commercial ID

Residential ID

Designated Site Area

Agricultural Area

Commercial Area

PROW

Residential Area

Drawing Title: Sensitive Receptors 1 km

Address: Vision recycling UK Ltd, Park house farm, Lower Hordley, Ellesmere SY12 9BL.

Ref: 010.1_09_005

Scale: 1:7363 (A3)

Date: 2022-10-12

Revison: REV A

Drawn By: AIL

Changelog:
- N/A

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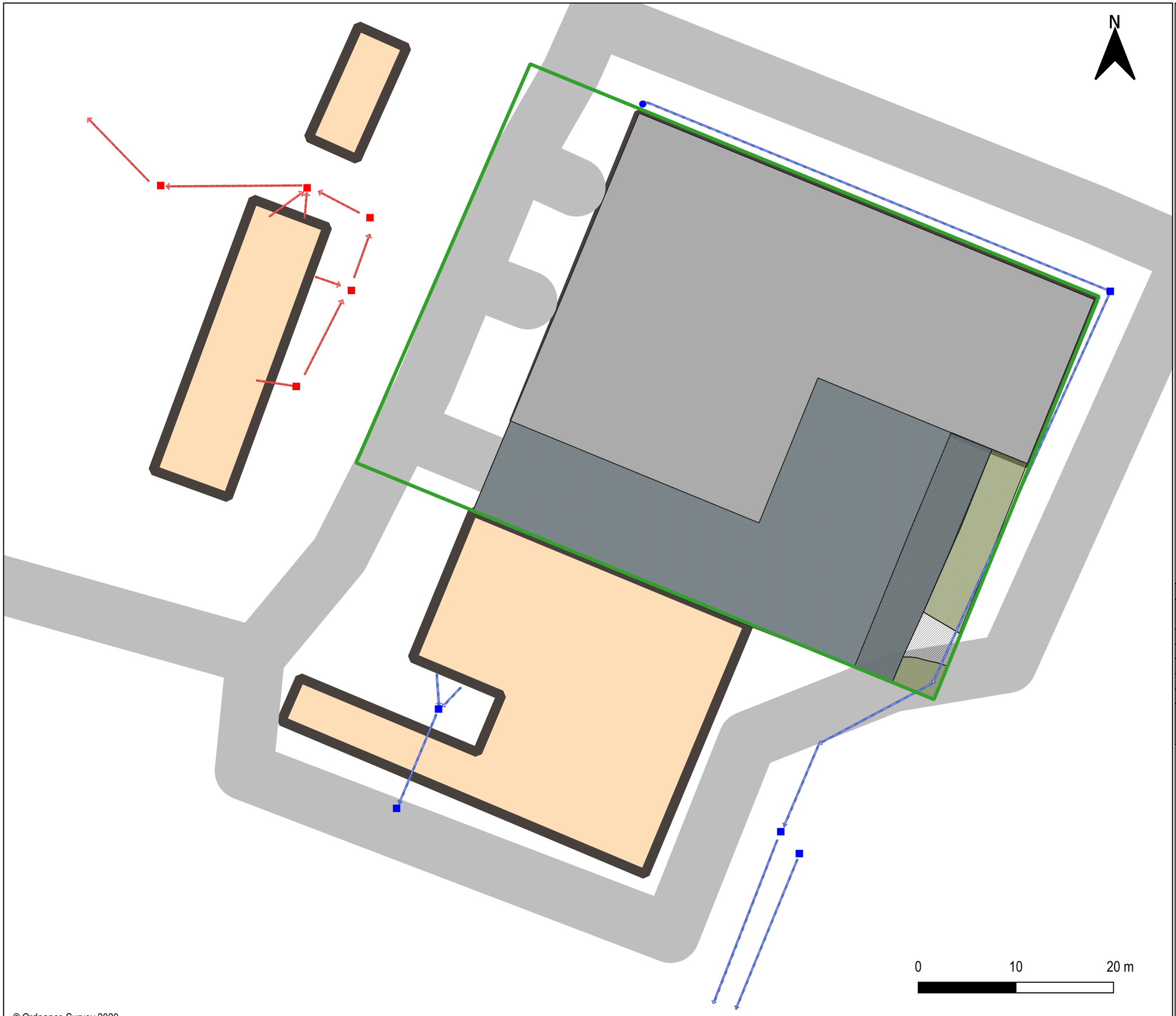

Key:

- Permit Boundary
- Foul Water Man Hole
- Surface Water Man Hole
- Surface Water Down Pipe
- Foul Drainage
- Clean Draiange
- Ramp/Road Way
- Unmade Ground
- Impermeable Site Surface

Drawing Title: Drainage Plan
Address: Vision recycling UK Ltd, Park house farm, Lower Hordley, Ellesmere SY12 9BL.
Ref: 010.1_09_009
Scale: 1:360 (A3)
Date: 2022-10-12
Revison: REV A
Drawn By: AIL
Changelog: - N/A

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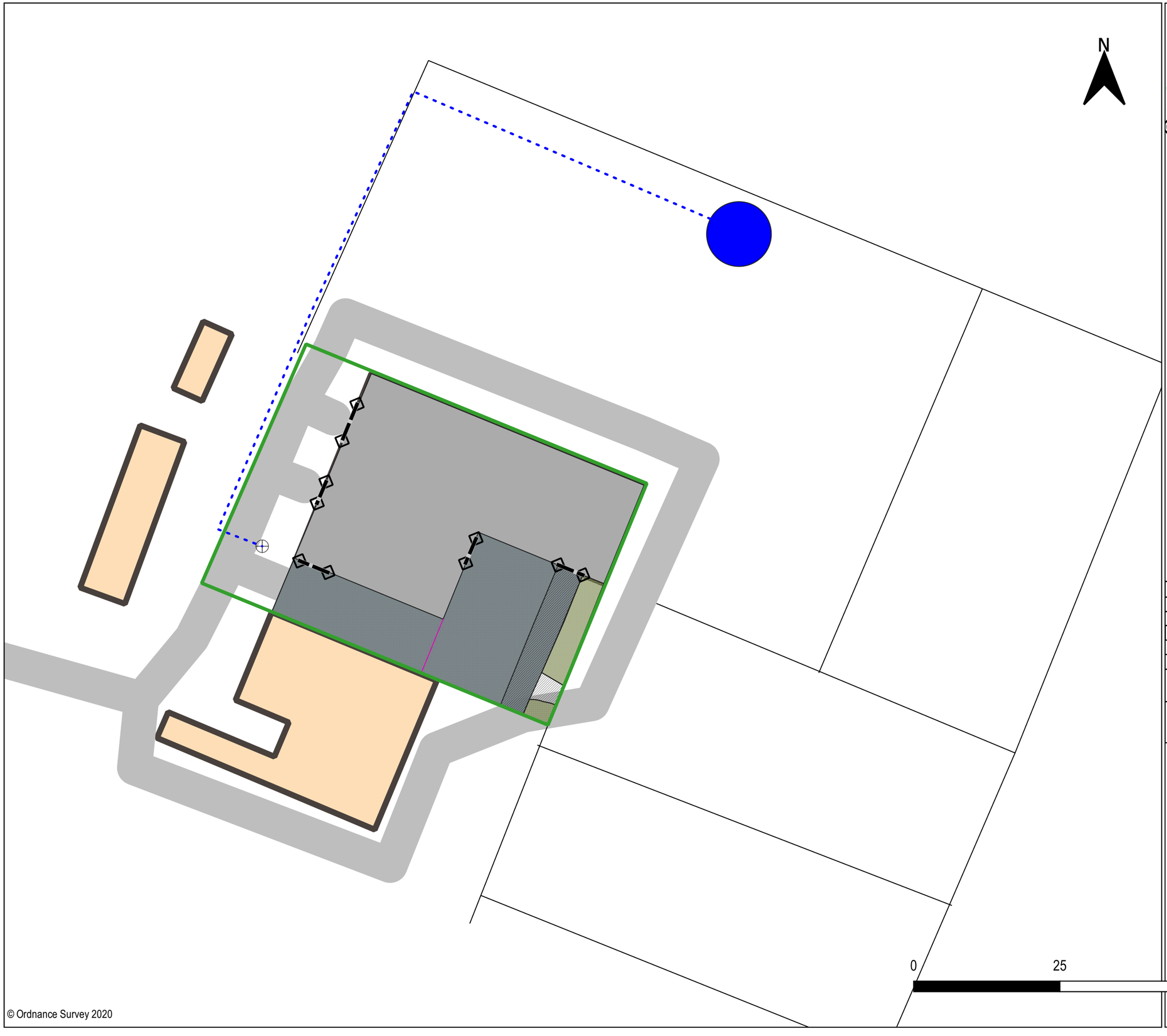

Key:
- Water Supply
- Borehole
- Water Tank
- Permit Boundary
- Gate Mitigation
- Doors
- Ramp/Road Way
- Hardstanding
- Unmade Ground
- Impermeable Site Surface

Drawing Title: Fire Water Containment

Ref: 010.1_09_011

Scale: 1:599 (A3)

Date: 2022-10-12

Revison: REV A

Drawn By: AIL

Address: Vision recycling UK Ltd, Park house farm, Lower Hordley, Ellesmere SY12 9BL.

Changelog:
- N/A

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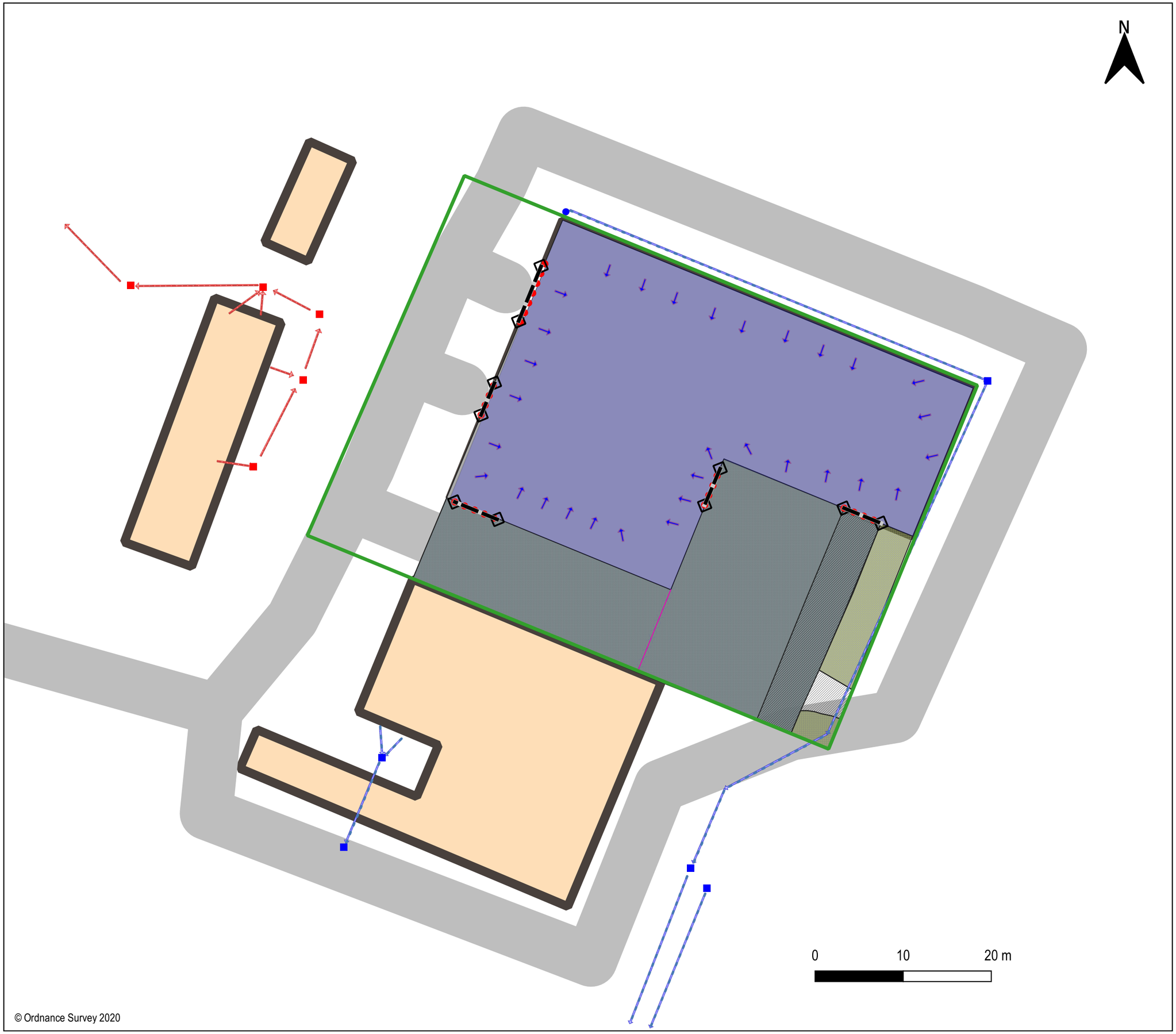

Key:

- Permit Boundary

Drainage

- Foul Water Man Hole
- Surface Water Man Hole
- Surface Water Down Pipe
- Foul Drainage
- Clean Draiange
- Fall Lines
- Fire Water Barrier
- Fire Water Containment
- Ramp/Road Way
- Hardstanding
- Unmade Ground
- Impermeable Site Surface

Drawing Title: Fire Water Containment
Ref: 010.1_09_003
Scale: 1:399 (A3)
Date: 2022-10-26
Revison: REV A
Drawn By: AIL
Address: Vision recycling UK Ltd, Park house farm, Lower Hordley, Ellesmere SY12 9BL.

Changelog:
- N/A

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