Eco Control Solutions working with Great Jackson Street Estates Limited

Protocol / Method of Works for Japanese Knotweed Excavation and Removal at 34 Great Jackson Street, Manchester M15 4NP

ECS Reference 20046

Dated 18/09/26

To be read in conjunction with and appended maps, RA and MS

Revisions

REV	DATE	STATUS / DESCRIPTION OF CHANGES
V1	**18/09/26**	**First Version**
V2	**18/09/26**	**After comments from architect**
V3	**23/09/26**	**After comments from Sammy Whittaker**
V4	**23/09/26**	**With updated formatting**
V5		
V6		
V7		

Signed for approval

	Company	Name	Position	Signature	Date
Prepared	ECS	Chris Johnston	Director		
Approved	Great Jackson Street Estates Limited	Sammy Whittaker	Director		
Received and Understood	ECS	Craig Smith	Site Supervisor		

Received and understood by

Date	Name	Signature

Background

This method statement has been prepared for Great Jackson Street Estates in respect of the proposed redevelopment of land located to the south of Great Jackson Street, Manchester, M15 4NG. The overall works include the demolition of existing structures, and the construction of two residential buildings of 56 storeys (plus basement and roof plant), with ground floor commercial uses, car parking, cycle provision, landscaping, access and other associated works.

Eco Control Solutions Survey Report

Eco Control Solutions (ECS) has carried out a site survey on behalf of the client to determine the extent of invasive and non-invasive species on site. The outputs of the survey have been used to set out the protocol and method statement detailing the containment, control and removal of Japanese knotweed on the site.

A visual walk over survey was carried out on 17/03/2026 by Matt Haikings (Invasive Weeds specialist).

ECS are one of the leading invasive weeds eradication consultants in the country, offering professional yet practical solutions to all invasive weed and ecological issues.

1. Site Overview:

The site is currently unoccupied but there are two warehouse type buildings present on site. There is then an open area close to the site entrance, suitable for parking.

The Japanese Knotweed infestation is present in the narrow gap behind the Western building. The gap to access this area is approximately 2-3m wide, meaning that access for any sizeable machinery is limited.

The Japanese Knotweed appears to have been subject to some attempts of herbicidal treatment previously, as the growth is not as healthy as it might be, however, there was still growth present, and the survey was undertaken early in the growing season. There are large crowns present, suggesting that the infestation has been in place for many years and the footprint is well-established.

The infestation straddles the perimeter fence, meaning that ECS would suggest installing a root barrier membrane along the boundary to prevent any issues with re-encroachment in future.

No further signs of Japanese Knotweed were noted on site.

This site has several potential issues with Japanese Knotweed. Please see the Map on page 5 in this report "Map 1 ECSref: 20046" where all current noted Japanese Knotweed has been identified and the areas of concern have been clearly highlighted.

Issue 1: Japanese Knotweed and soil containing any Japanese Knotweed Rhizomes (roots) is classed as **controlled** waste. Controlled waste is waste that is subject to legislative control

in either its handling or its disposal, under The Controlled Waste (England and Wales) Regulations 2012.

Issue 2: Japanese Knotweed contaminated waste incurs higher rates of landfill cost for safe disposal.

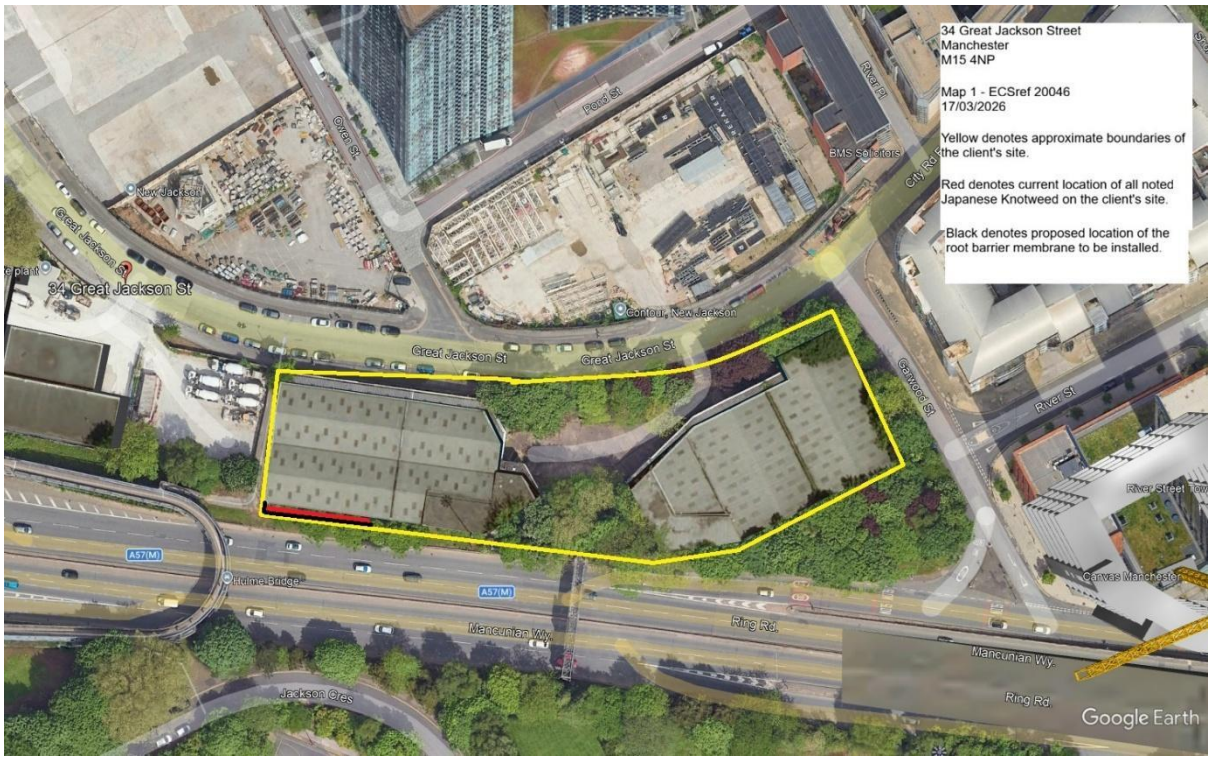
Issue 3: ECS will install a root barrier membrane along the boundary, as close as possible, to prevent issues with future re-encroachment of the infestation back into the site from the neighbouring land. If the palisade fence can be removed as part of the works, ECS will install the membrane flush to the actual boundary, if not, ECS will only be able to install the membrane approximately 300mm from the fence, meaning a slither of land will be left with Japanese Knotweed in place on the client's site – ECS would then recommend entering this area into a herbicidal treatment plan for 3 years to complete the eradication process.

Issue 4: The presence of any underground services may mean that some of the infestation may need to be hand dug and additional costs may potentially be incurred. ECS will require any buried services maps which are available.

Issue 5: ECS will require a WAC test for the soil on site, allowing us to submit this to the registered landfills for their acceptance.

Issue 6: There is currently very limited access to the area of infestation, due to the buildings that are in place. ECS would recommend that we have a presence on site throughout the demolition of the building, which ideally should take place before the Japanese Knotweed removal, ensuring that access for Japanese Knotweed removal is sufficient, whilst overseeing the demolition to prevent any accidental disturbance of the infestations and cross-site contamination. Without ECS having a presence to oversee the demolitions near the Japanese Knotweed, ECS will be unable to account for all Japanese Knotweed on site, and as a result will not be able to offer any warranties for the works.

Map 1 – A detailed map of the site.



Areas of concern are highlighted as follows:

The yellow line denotes sections of the client's boundary.

The Red denotes the current noted infestation of Japanese Knotweed on client's site.

The Black denotes the root barrier membrane to be installed along the site boundary.

Site Photographs Taken by ECS During Our Survey

<u>Picture One:</u> New Japanese Knotweed growth present on site.



<u>Picture Two:</u> Current access to the Japanese Knotweed area, along with some crowns visible along the fence line.



ECS Proposed Japanese Knotweed Eradication Solution

ECS recommend the Dig and Dump eradication solution to fit the client's timescales. Proposed scope of works:

- **Consultancy with Invasive Weed Specialist on all site issues.**
- **ECS to supply suitable excavators and drivers on site, 13 tonne excavators where possible as a minimum.**
- **ECS to supply Japanese knotweed qualified watching brief operatives to guide the excavator drivers during all operations.**
- **ECS to supply transport and disposal of all controlled waste from site to the registered landfill.**
- **All wagons will be loaded on site in conjunction with current legislations.**
- **ECS to excavate all current noted Japanese knotweed on client's land (see appendix 1) and to transport the controlled waste material to a licensed landfill site.**
- **ECS to supply and install the required root barrier membrane in accordance with the detailed sketch on page 10 of this document.**
- **This solution is excluding the supply of any clean back fill.**
- **This solution is excluding any ground stabilisations works.**
- **Any A required treatments.**
- **Ongoing Monitoring programme.**

Actions to be taken by the client:

The client should ensure that no Japanese knotweed is pulled/damaged/disturbed and advise any relevant party/parties who work on/use the land to the presence of Japanese Knotweed infestations and inform them of the proposed works. Any such issues will add to the length of the treatment programme, and ultimately increase costs.

What is the Dig & Dump Methodology?

Due to time constraints, on occasion there is no other option apart from removing the Japanese Knotweed contaminated soil from site and disposing of within a registered landfill. This methodology literally removes all Japanese Knotweed from site thus providing an instant solution to the problem and allowing our clients to start groundworks immediately upon completion.

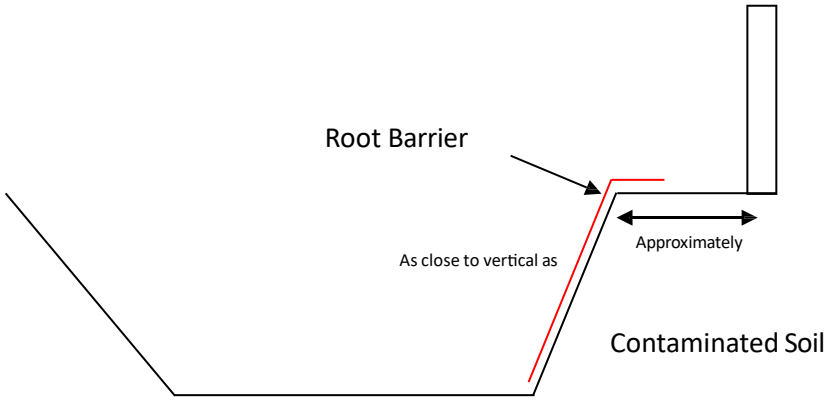
ECS provide all required machinery and personnel for each project and our in-house trained operatives provide resources to reduce the amount of material going to landfill by up to 60% therefore greatly reducing costs to the client. ECS operatives also control the works directing excavations and loading to ensure all legislations are adhered to and that no cross-site contamination occurs.

ECS have strong relationships with several registered landfills across all regions of the UK and Ireland which we call upon to ensure the most competitive rates are achieved for our clients.



EXAMPLE PHOTOGRAPHS FROM ECS ARCHIVES, NOT THE CLIENT'S SITE

Root Barrier Installation Diagram (An Example)



Background Information on Japanese Knotweed

Japanese Knotweed is capable of growing 6cm per day and is found throughout the UK. It is highly invasive and capable of exposing weaknesses in buildings, foundations, concrete and tarmac. It has the capability to regenerate from rhizome as small as 0.02g therefore there is a highly substantial risk of spreading the plant via groundwork and disturbance.

Japanese Knotweed can cause:

- A reduction in land value
- Damage to foundations and structures
- Damage to road surfaces
- Damage to walls
- A monoculture swamping out native vegetation

Japanese Knotweed is regulated by several acts of legislation, the main being:

- The Wildlife and Countryside Act (as amended) 1981
- The Environmental Protection Act 1990
- The Environmental Protection (Duty of Care) Regulations 1991
- Third party litigation where damages may be sought for allowing Japanese Knotweed to spread onto other properties
- The Anti-social Behaviour, Crime and Policing Act (ASBO) 2014

The legislation above puts a duty of care on the landowner with Japanese Knotweed infestations to be proactive in the control and eradication of it.

Planning permission and mortgages **will** also generally be refused without an eradication programme in place for the infestation



<u>Example picture:</u> evidence of Japanese knotweed penetrating through house (not on client's land)



<u>Example picture:</u> evidence of Japanese knotweed penetrating through house (not on client's land)

Emergency Arrangements

Nearest Emergency Care Always dial **999** in life threatening emergency	**Manchester Royal Infirmary** Oxford Road Manchester Greater Manchester M13 9WL
First Aider	Ash Maude

Contacts

	Name	Number
ECS Office Contact	C. Johnston	0330 363 9555
ECS Site Supervisor	Ash Maude	
Client Contact		
Client Email		
Site Manager Contact		
Emergency Contact	M. Hawks	

Works Summary

To excavate and remove Japanese Knotweed from within the area marked in red on Map 1 - ECSref 20046

Soil contaminated with Japanese Knotweed is classed as controlled waste. Japanese knotweed is listed as a noxious weed under Schedule 9 Part II Section 14 of the Wildlife and Countryside Act, 1981. Under Section 14, if any person plants or otherwise causes to grow in the wild any plant, which is included in Part II of Schedule 9, he shall be guilty of an offence. Other laws that regulate the plant are:

- The Environmental Protection Act 1990
- The Environmental Protection (Duty of Care) Regulations 1991
- Anti-social Behaviour, Crime and Policing Act (ASBO) 2014
- The Infrastructure Act 2015

All operatives on site will have CSCS cards and be fully inducted by Great Jackson Street Estates Limited (GJSE) All operatives to wear the correct PPE; hard hat (EN397), gloves (EN388), steel toe capped boots (EN345) with mid-sole protection and yellow PPE to a minimum. High vis vests (EN471) / jackets must have the company logo on.

Site working hours are between 08.00 and 17.30 weekdays. No weekend works will be carried out.

The Eco Control Solutions Site Supervisor (ECSSS) will have the minimum qualification of SSSTS.

Site Set Up

1. ECS will begin their presence on site on Start date TBC, the works will realistically take 3-5 working days.

2. Parking will be on site.

3. Upon arrival to site the ECSSS and ECS staff will be inducted and be given all tool box talks by GJSE to detail the health and safety procedures on the site and the specific issues with any other works being carried out on or around the site.

4. After this the ECSSS will give a tool box talk with regards to the issues concerning Japanese knotweed and its ability to spread following rhizome disturbance and dispersal. During all operations the ECSSS will be in charge of all works within the contaminated areas.

5. A contaminated “red zone” needs to be set up by ECS. This will be approximately any area within 20m of the infested areas and any transport routes between the infested areas and the stockpiles areas. There will be no physical barrier on site marking out the “red zone” as ECS will be the only contractors on site during these works. No one except ECS staff shall enter the red zone without permission from the ECSSS.

6. ECS will display the ECS site rules sign to inform people that it is a controlled area and need to stay out of it unless they have permission from the ECSSS.

7. Welfare will be provided on site by GJSE.

8. GJSE are to provide permit to dig for the highlighted areas. GJSE are also to sign the Digging and underground services deceleration within this document.

9. ECS will carry out a CAT scan to identify any unidentified services. If services are found then works may have to be stopped and re-planned. This may incur extra costs.

Dig and Dump Methodology

Plant to be supplied by ECS:

- 1 operated 13 tonne 360^{o} metal tracked excavator
- 1 operated 9 tonne dumper
- 8 wheeler tipper lorries to remove contaminated material off site

Order of works

1. The Knotweed zone, marked in red shown on Map 1 - ECSref 20046 will be excavated and removed. The areas of excavation to be highlighted by the ECSSS using spray paint.

2. The excavator will start digging within the infested areas and load the soil directly into the waiting dumper, this will be transported to an area adjacent to the site entrance under the constant supervision of the site supervisor.

3. When lorries are present an excavator will load directly from the stockpile under the supervision of an ECS supervisor.

4. The excavators, dumper or lorries will not enter any of the contaminated areas therefore there will be no requirement to clean the wheels of the lorries when leaving the site.

5. The soil will be taken to LANDFILL TBA

6. The ECSSS will be constantly monitoring the excavation and "chasing" the rhizomes to ensure that all contaminated material is excavated. Visual inspections of the excavation and the extent of the Japanese Knotweed rhizome network will be carried out from the side of the excavation and within the excavation if safe to do so.

7. To reduce the chances of the excavated area collapsing the will be sloped to 45^{o} and compacted regularly with the excavator bucket. If any excavations are to be left overnight a slope must be left to allow people and animals to walk out of them.

8. Japanese Knotweed rhizomes Knotweed may be travelling off site, ECS will install a root barrier membrane in the excavated area and along the boundary to provide a physical barrier against the contaminated soil on the boundary. Please be aware that there will be a 300mm + gap between the site boundary and the root barrier membrane containing Japanese Knotweed and may be sloped or stepped to maintain the integrity of the boundary.

9. After the Dig and Dump has finished all red zones where contaminated machinery has passed over will be checked and cleared either by hand or with a soil scrape. The arisings from this will be loaded into lorries and then be taken to landfill.

10. All waste transfer notes will be completed in line with current legislation and emailed to GJSE upon completion.

11. Once all excavation has been completed all parts of the machinery that has been in contact with contaminated soil will be cleaned out using brushes and hoses if required.

12. Once all contaminated has been removed ECS will supply and install type 1 crush delivered by a grab lorry. This will be tipped adjacent to the excavated area and place in the excavation by the excavator, please note that there will be no compaction applied to this material.

Completion of Excavation and Removal Works

The ECS Site Supervisor will remain on site until the removal works have been completed. They will do a final walkover of the site to ensure that no contaminated soil has been spread across the site.

1. Upon completion of the works ECS will ensure that the site is left in a clean and tidy manner and that there is no possible risk of further contamination in the surrounding area. The site manager will be duly informed that completion is achieved and the site then left in the control of GJSE.

2. The GJSE site manager is to sign the confirmation of completed works form within this document when satisfied that the works are complete.

Confirmation of Completed Works

This is to certify that works carried out by ECS staff has been completed in accordance with the proposal document and quotation in relation to this job number.

All works completed to the required standards of both parties.

ECS

Signed _____ Position _____

Name _____ Dated _____

Client

Signed _____ Position _____

Name _____ Dated _____

Appendix

- Risk Assessments
- Method Statements
- Map 1 - ECSref 20046

Risk Assessments, Method Statements and COSHH Assessments Required

Reference	Title	Required
COSHH		
COSHH 01	Chemicals	
COSHH 02	Fuels and Oils	✓
COSHH 03	Herbicides	
COSHH 07	RoundUp ProVantage	
COSHH 08	Icade	
COSHH 11	Pistol	
COSHH 12	Pacaya	
Method Statements		
MS-GE-01	Manual Handling	✓
MS-GE-02	Noise	✓
MS-OP-01	General Landscaping	
MS-OP-02	Turfing	
MS-OP-03	Grass Seeding	
MS-OP-04	Fencing	
MS-OP-05	Planting	
MS-OP-06	Clearance	
MS-OP-07	Hedge Cutting	
MS-OP-08	Tree works	
MS-OP-09s	Application of Herbicides 2 (inc. stem)	
MS-OP-11	Earthworks	✓
MS-OP-12	Digging and underground Services	✓
MS-OP-13	Bankwork	✓
MS-OP-14	Storage of Pesticides	✓
MS-OP-17	Traffic Control	
MS-OP-21	Using Chainsaws at Height	
MS-OP-22	Burning Vegetation	
MS-OP-23	Harness and Lanyard Use	
MS-PL-01	General Plant and Machinery	✓
MS-PL-02	Brushcutter	
MS-PL-03	Chainsaw	
MS-PL-04	Chipper	
MS-PL-06	Hand Tools	✓
MS-PL-07	Agricultural Tractors	
MS-PL-08	Excavator	✓
MS-PL-10	Dumper	✓
MS-PL-11	Trailer	
MS-PL-13	Breaker	

Risk Assessments		
RA-GE-01	Manual Handling	✓
RA-GE-02	Noise	✓
RA-GE-03	Fatigue Working Hours	✓
RA-GE-04	Business Driving	✓
RA-GE-05	Needle Stick Injuries	✓
RA-GE-06	Portable Electrical Equipment	
RA-GE-07	Use of Ladders	
RA-GE-08	Lone Working	
RA-GE-10	Stress	
RA-GE-11	Employment of Young People	
RA-OP-01	General Landscaping Operations	
RA-OP-02	Turfing	
RA-OP-03	Grass Seeding	
RA-OP-04	Fencing	
RA-OP-05	Planting	
RA-OP-06	Clearance	
RA-OP-07	Hedge cutting	
RA-OP-08	Tree Works	
RA-OP-09s	Application of Herbicides 2 (inc. stem)	✓
RA-OP-11	Earth Works	✓
RA-OP-12	Digging and Underground Services	✓
RA-OP-13	Bankwork	
RA-OP-14	Storage of Pesticides	✓
RA-OP-17	Traffic control	
RA-OP-21	Using Chainsaws at Height	
RA-OP-23	Harness and Lanyard Use	
RA-OP-26	Tree Climbing	
RA-OP-39	Digging out and removal of Japanese Knotweed	✓
RA-OP-40	Clearance of Giant Hogweed	
RA-OP-41	Working at height	
RA-PL-01	General Plant machinery and equipment	✓
RA-PL-02	Brushcutter or clearance saw	
RA-PL-03	Chainsaw hedgetrimmer	
RA-PL-04	Chipper	
RA-PL-06	Portable Tools (hand tools and power tools)	✓
RA-PL-08	Excavator	✓
RA-PL-10	Dumper	✓
RA-PL-11	Trailer	
RA-PL-12	Heat Welder and 5KAW Generator	
RA-PL-13	Breaker	
RA-PL-14	Pole Saw	
RA-PL-15	Tipper Loading	✓

Eco Control Solutions – COSHH Assessment

Assessment For	Fuels and Oils
Reference Number	COSHH - 02
Hazards	Spillage and Leakage – of fuels/oils Swallowing – of fuels/oils causing internal damage Skin Irritation Burns Explosion – of flammable substances Environmental – damage to flora and fauna, Contamination of local water ways
People at Risk	Operatives Other Contractors Any other 3rd Parties
Controls	Environment: Do not allow fuels/oils to reach ponds, waterways, ditches or sewage systems Refuelling: TURN OFF engine before re fuelling Never re-fuel near a naked flame or any sources of ignition Refuelling must always be carried out over a drip tray Handling: Do not eat/drink or smoke within the re fuelling or storage area or when handling Avoid any spillage or leakage In the event of a spillage or leakage, clean up procedures will be carried out in accordance with local authorities PPE: wear suitable gloves when dealing with fuels/oils First Aid facilities to be on site and in vehicle/plant at all times (see below) Storage: Disposal of substance, materials, waste and storage will be carried out in accordance with the 'Highly Flammable Liquids and Liquefied Petroleum Gases Regulations 1972'

	Cautions/Safety signs erected within the storage/re-fuelling area All Fuels will be stored in a cool, dry area away from any naked flame or spark Spillage: Spill kits must always be present on site/in vehicle. All spills must be cleaned up immediately if safe to do so Contact the Environment Agency if any spillage gets into the drains/ water courses on 0800 807060
First Aid	Inhalation: Remove to fresh air and rest. If recovery is not rapid, obtain medical attention. Ingestion: Do not induce vomiting. Drink plenty of water. Seek medical attention immediately Skin Absorption: Remove contaminated clothing. Wash with soap/cleanser and rinse with plenty of water. If irritation persists obtain medical advice. Eyes: Irrigate with water for at least 15 minutes. Obtain prompt medical advice.
Assessment by	Chris Johnston (Director)
Signature	[redacted]
Review Date	05/01/2026
NB: If the product is to be used in a different manner to that described above, another assessment will be needed.	

Assessment For	Manual Handling in relation the following works: • Grass Seeding • Turfing • Fencing • Planting • Grass Cutting • Vegetation Cutting • Clearance • Hedge Cutting • Tree Works • Weed Control • Earthworks
Reference Number	MS-GE-01 Manual Handling
Relevant Plant/ Machinery/ Equipment	• Brushcutter/ Clearance Saw/ Hedgetrimmer • Chainsaw • Chipper • Pedestrian self propelled machinery • Agricultural Tractor with PTO driven implements • 360 Excavator • Telescopic Handler or Forklift Truck • Skidsteer • Dumper • Trailer • Stumpgrinder
PPE	• Steel toe capped boots • Gloves • High Visibility Clothing • Hard Hat • Support Belt (if required)

Eco Control Solutions – Method Statement

Method and Safe Working Practice	• Load to be lifted/moved to be assessed – mechanical handling methods to be used instead of manual handling if possible e.g. forklifts, Winches. • Work as a team where at all possible. Where team lifting takes place, all members of the team should be of similar height and build so that the raised load does not become unbalanced or unevenly distributed. • Co-ordination of team lifting is important – one person to give directions during lifting, carrying and lowering. • Assess ground conditions – walkway to be clear and free from debris • Wear appropriate PPE – hard hat, reflective jacket, gloves, steel toe capped boots, back support (if required). • Where possible, establish the weight of the load before lifting – carry out trial lift by rocking the load from side-to side then try lifting it a small way to get a 'feel' for it. • Stand reasonably close to the load, feet wide apart, one foot slightly forward pointing in the direction you are going. • Bend knees and keep back straight • Get a secure grip on the load • Breathe in before lifting as this helps to support the spine.
References and Relevant Risk Assessments	• RA-OP-01 General Landscape Operations • RA-GE-01 Manual Handling
Assessment by	Chris Johnston (Director)
Signature	[redacted]
Review Date	05/01/2027
NB: If the product is to be used in a different manner to that described above, another assessment will be needed.	

Assessment For	Noise in relation the following works: • Grass Seeding • Turfing • Fencing • Planting • Grass Cutting • Vegetation Cutting • Clearance • Hedge Cutting • Tree Works • Weed Control • Earthworks
Reference Number	MS-GE-02 Noise
Relevant Plant/ Machinery/ Equipment	• Brushcutter/ Clearance Saw/ Hedgetrimmer • Chainsaw • Chipper • Pedestrian self propelled machinery • Agricultural Tractor with PTO driven implements • 360 Excavator • Telescopic Handler or Forklift Truck • Skidsteer • Dumper • Trailer • Stumpgrinder
PPE	• Ear Protectors • - Steel toe capped boots • - Gloves • - High Visibility Clothing • - Hard Hat

Method and Safe Working Practice	• Suitable hearing protection to be worn at all times by all persons using or working within close proximity to equipment likely to cause hearing damage (e.g. chainsaws, brushwood chippers, strimmers, stump grinders. • Work as a team where at all possible – always checking that hazard warning signals are audible to individuals wearing ear protectors and the volume, tone or method of signalling changed if necessary. • Use warning signs. • Regular inspection and maintenance of machinery. • Ear protection to be regularly inspected and correctly fitted. • Where possible limit exposure to noise by job rotation, rearranging work locations. • Use of mufflers, acoustic shields, exhaust silencers for equipment where appropriate.
References and Relevant Risk Assessments	• RA-OP-01 General Landscape Operations
Assessment by	Chris Johnston (Director)
Signature	[redacted]
Review Date	05/01/2027
NB: If the product is to be used in a different manner to that described above, another assessment will be needed.	

Assessment For	Earth Works Including: • Earth Removal • Top-Soil Location • Landscaping
Reference Number	MS-OP-11 – Earth Works
Relevant Plant/ Machinery/ Equipment	• 360^{o} Excavator • Dumper • Tractor / Trailer
PPE (minimum)	• Hard Hat, High Visibility Jacket, Steel Toe Capped Boots
Operatives Certificates Required	• CITB Agricultural Tractor • 360 Excavator (over 5 ton capacity) • 360 Excavator (under 5 ton capacity) • Forward Tipping Dumper
Method and Safe Working Practice	• Establish Boundaries • Display Notices (if applicable) • Check Site Drawings (if available) • Client must sign underground services declaration before any excavation works commence • Locate underground services by hand if required • Site Supervisor to obtain authority from client representative • Operate in accordance with instructions & contract requirements In the event that a service (gas/electric/ water) is damaged – immediately report to Supervisor. In conjunction with Supervisor call relevant Service to turn off water/electricity and arrange repair etc. Supervisor to report incident to Client.

References and Relevant Risk Assessments / Method Statements / COSHH	• Agricultural Tractor • 360 Excavator (over 5 ton capacity) • 360 Excavator (under 5 ton capacity) • Forward Tipping Dumper • Holes and Trenches • COSHH 02 – Fuels and Oils • MS-OP-13 – Bankwork
Assessment by	Chris Johnston (Director)
Signature	[redacted]
Review Date	05/01/2027

Assessment For	Digging and Underground Services in Relation to: • Machine Digging • Hand Digging • Service Location
Reference Number	MS-OP-12 – Digging and Underground Services
Relevant Plant/ Machinery/ Equipment	• 360^{o} Excavator • Dumper • Tractor / Trailer • Hand Tools • Guard Rails
PPE (minimum)	• Hard Hat, High Visibility Jacket, Steel Toe Capped Boots
Operatives Certificates Required	• 360 Excavator (over 5 ton capacity) • 360 Excavator (under 5 ton capacity) • Forward Tipping Dumper • CAT Scan Training (in house) • CITB Agricultural Tractor
Method and Safe Working Practice	• Check Location (tree-pit, trench etc) • Display Notices (if applicable) • Erect Guard Rails (if applicable) • Check Site Drawings (if available) • Client must sign underground services declaration before any excavation works commence • Locate underground services by hand if required • Dig in accordance with instructions & contract requirements • In the event that a service (gas/electric/ water) is damaged immediately report to Supervisor. In conjunction with Supervisor call relevant Service to turn off water/electricity and arrange repair etc. • Supervisor to report incident to Client.

Site Conditions Which Could Affect the Method	• Waterlogged ground. • Frozen Ground • Other Sub-Contracted Operations • Adjacent Hazards
References and Relevant Risk Assessments / Method Statements / COSHH	• Land Slip • Holes and Trenches • RA-PL-08 - 360 Excavator • RA-PL-10 - Dumper • Guard Rails • COSHH 02 – Fuels and Oils
Assessment by	Chris Johnston (Director)
Signature	[redacted]
Review Date	05/01/2027

Assessment For	General Plant and Machinery Including:
Reference Number	MS-PL-01 – General Plant and Machinery
Relevant Plant/ Machinery/ Equipment	• Agricultural Tractor and implements (including ride on mowers) • 360 Excavator • Dumper • Trailer • Telescopic Handler / Forklift • Chipper • Pedestrian self propelled machinery • Chainsaw / Hedgetrimmer • Brushcutter • Hand held power tools
PPE (minimum)	Wear the following Personal Protective Equipment: • Snug fitting garments • Steel toe capped boots • Gloves • High Visibility Clothing • Hard Hat • Goggles/face mask/Ear Defenders when appropriate
Operatives Certificates Required	You have to hold the following certificates in order to operate specific plant/machinery or carry out certain operations: Chainsaw: NPTC (National Proficiency Test Council) • Maintain the Chainsaw: CS30.1 • Cross-Cut and Stack Produce: CS30.2 • Fell Small trees: CS31 • Fell Medium Size Trees: CS32 • Fell Large Trees: CS33 Chipper: In House Induction

	Agricultural Tractor with PTO driven implements and trailer: • CITB Certificate of Training Achievement for Agricultural Tractor Excavator CITB Certificate of Training Achievement for: • 360 < 5ton • 360 > 5ton Dumper CITB Certificate of Training Achievement for: • Forward Tipping Dumper • Side Tipping Dumper Telescopic Handler or forklift: • CITB Certificate for Training Achievement for Telescopic Handler and Forklift Trucks
Method and Safe Working Practice	• Only operate plant/machinery for which you hold the correct certificates according to the list on page 1. • Only operate plant/machinery that is in good working order and regularly maintained. • Never operate plant/machinery without familiarising yourself with the manufacturers manual. • Carry out the following daily check prior to operating: • Check oil and water levels are correct in accordance with manufacturers manual • Visually check, walk around the machine and check guards, tracks, tyres, attachments, blades, hydraulic hoses, leaks, overall conditions of machine. • Check all site and road lights are in good working order. • Grease according to manufacturer's recommendations as found in operating manuals. • Do not carry more people than the plant is designed for. • Report all accidents to your foreman or site supervisor. • Only work in designated and approved areas. • Ensure you operate your plant/machinery in manner which will not cause harm to other operatives and/or member of the public.

Maintenance	• Carry out your daily checks/maintenance • The operatives are responsible for the regular maintenance of all plant/machinery as per manufacturer's recommendations. • Complete equipment checklist weekly
References and Relevant Risk Assessments / Method Statements / COSHH	• As required
Assessment by	Chris Johnston (Director)
Signature	[redacted]
Review Date	05/01/2027

Assessment For	Excavator
Reference Number	MS-PL-08 – Excavator
Relevant Plant/ Machinery/ Equipment	• Excavator
PPE (minimum)	Wear the following Personal Protective Equipment: • Steel toe capped boots • High Visibility Clothing • Hard Hat – (when out of excavator)
Operatives Certificates Required	• CITB Certificate of Training Achievement for 360 Excavator < 5 tonnes or > 5 tonnes
Method and Safe Working Practice	• Examine the 360 Excavator before use and report any defects • Always wear appropriate PPE • Switch off and remove key prior to cleaning, changing buckets or Hydraulic Hoses • Be aware of the risk of being trapped and take precautions • Be aware of the risk to others being trapped and take precautions • Only fuel with recommended fuel with engine switched off and the exhaust cooled down. • Do not smoke, drink or eat near the refuelling area • Client must sign underground services declaration before any excavation works commence • Do not dig unless the area has been set out and clearly marked on the ground the Site Supervisor • Check the areas for overhead power lines or underground services • Examine the 360 Excavator after use and report any defects • Leave Site as clean and tidy as possible

Aftercare and Maintenance	• Daily maintenance: carry out the following every day before operating the excavator • Check excavator for correct oil and water levels • Grease excavator as per the manufacturers manual pay particular attention to the tracks: open up topping on side of track casing and fill up with grease in order to keep tension on the tracks. • Check that all site and road lights are in good working order • Check that tracks are at the right tension and show no defects • Servicing: carried out by authorised personnel only, refer to depot manager
References and Relevant Risk Assessments / Method Statements / COSHH	• MS-OP-13 Bankwork • MS-PL-01 General Plant and Machinery • RA-PL-08 Excavator • RA-GE-02 Noise • RA-GE-02 Noise
Assessment by	Chris Johnston (Director)
Signature	[redacted]
Review Date	05/01/2027

Assessment For	Dumper Truck
Reference Number	MS-PL-10 – Dumper
Relevant Plant/ Machinery/ Equipment	• Dumper Truck
PPE (minimum)	Wear the following Personal Protective Equipment: • Steel toe capped boots • High Visibility Clothing • Hard Hat
Operatives Certificates Required	• CITB Certificate of Training Achievement for Dumper Truck
Method and Safe Working Practice	• Examine the Dumper Truck before use and report any defects • Always wear appropriate PPE • Be aware of the risk of being trapped and take precautions • Be aware of the risk to others being trapped and take precautions • Be aware of the risks caused by Manual Handling and take precautions • (If applicable) Always grip the starting handle with the thumb on the same side as fingers • Only fuel with unleaded petrol with engine switched off and the exhaust cooled down and never refuel near a naked flame or any source of ignition • Do not overload the bucket and never remain in the driving seat while loading and do not drive of while loading • Always engage the handbrake while tipping • When working on inclines always carry load on the up-side • Examine the Dumper Truck after use and report any defects • Leave Site as clean and tidy as possible

Aftercare and Maintenance	• Daily maintenance: carry out the following every day before operating the tractor • Check Dumper Truck for correct oil and water levels • Grease Dumper Truck • Check that all site and road lights are in good working order • Check that all tyres are at correct pressures and have no defects • Servicing is carried out by authorised personnel only, refer to Depot Manager
References and Relevant Risk Assessments / Method Statements / COSHH	• MS-OP-13 Bankwork • MS-PL-01 General Plant and Machinery • RA-PL-10 Dumper Truck • RA-GE-02 Noise
Assessment by	Chris Johnston (Director)
Signature	[redacted]
Review Date	05/01/2027

Assessment For	Manual Handling in relation the following works: • Grass Seeding • Turfing • Fencing • Planting • Grass Cutting • Vegetation Cutting • Clearance • Hedge Cutting • Tree Works • Weed Control • Earthworks
Reference Number	RA-GE-01 Manual Handling
Relevant Plant/ Machinery/ Equipment	• Brushcutter/ Clearance Saw/ Hedgetrimmer • Chainsaw • Chipper • Pedestrian self propelled machinery • Agricultural Tractor with PTO driven implements • 360 Excavator • Telescopic Handler or Forklift Truck • Skidsteer • Dumper • Trailer • Stumpgrinder
Hazards	• Lifting weights that are too heavy. • Holding or manipulating loads at a distance from the trunk. • Forced or awkward movements of the body possibly resulting in back, neck, arm, wrist or hand injuries and repetitive strain injuries • Slipping on wet ground. • Tripping on discarded items. • Dropping loads causing injury to self or others. • Repetition of work.

Uncontrolled Risk Factor	• Severity 4 • Likelihood 2 • Risk Factor 8
People at Risk	• All operatives (employees and contractors) • Particular attention should be paid to the following: ○ Trainees, Inexperienced staff, lone workers, visitors.
Controls	• All relevant persons to be given suitable training to reduce the risks i.e. instructed on methods of lifting and assessing load. • Where possible limit exposure to noise by job • Where possible all lifting to be done mechanically. • Where possible all loads to be made lighter and easier to grasp (always lift less where possible) • Work surfaces to be kept free from oil and grease at • all times • Ensure walk way is kept free from debris, tools etc. • A team to carry out work where possible • All work should be carried out so there is no risk to visitors – use signs and barriers. • Suitable safety clothing must be worn e.g. safety boots, gloves, support belt/weight lifting belt etc. • All relevant persons are advised to seek medical advice and/or regular medical checks where there is a danger of work resulting in injury • Where necessary further training to be given to improve safety awareness or poor technique • 11) Rotation of work.
PPE	• Steel toe capped boots • Gloves • High Visibility Clothing • Hard Hat • Support Belt (if required)

Eco Control Solutions – Risk Assessment

Controlled Risk Factor	• Severity 4 • Likelihood 1 • Risk Factor 4
References and Relevant Risk Assessments	• RA-OP-01 General Landscape Operations
Assessment by	Chris Johnston (Director)
Signature	[redacted]
Review Date	05/01/2027

Assessment For	Manual Handling in relation the following works: • Grass Seeding • Turfing • Fencing • Planting • Grass Cutting • Vegetation Cutting • Clearance • Hedge Cutting • Tree Works • Weed Control • Earthworks
Reference Number	RA-GE-02 Noise
Relevant Plant/ Machinery/ Equipment	• Brushcutter/ Clearance Saw/ Hedgetrimmer • Chainsaw • Chipper • Pedestrian self propelled machinery • Agricultural Tractor with PTO driven implements • 360 Excavator • Telescopic Handler or Forklift Truck • Skidsteer • Dumper • Trailer • Stumpgrinder
Hazards	• Causes annoyance and irritation • Affects concentration and efficiency • Causes fatigue and accident proneness • Prevents ear from registering other sounds, instructions, warnings. • Loud noise can cause irreversible hearing damage • Normal loss of hearing associated with age may be accelerated • Tinnitus may cause stress etc.

Uncontrolled Risk Factor	• Severity 4 • Likelihood 2 • Risk Factor 8
People at Risk	• All operatives (employees and contractors) • Particular attention should be paid to the following: ○ Trainees, Inexperienced staff, lone workers, visitors.
Controls	• Suitable hearing protection must be worn at all times by all persons using or within close proximity to equipment likely to cause hearing damage. (e.g. chainsaws, brushwood chippers, stump grinders). • Where possible limit exposure to noise by job rotation, re-arranging work locations. • Regular inspection and maintenance of machinery. • Use of mufflers, acoustic shields exhaust silencers for equipment where appropriate. • Ear protection to be fitted correctly. • A check to be made to ensure that hazard warning signals are audible to individuals wearing ear protectors and the volume, tone or method of signalling changed if necessary.
Controlled Risk Factor	• Severity 4 • Likelihood 1 • Risk Factor 4
References and Relevant Risk Assessments	• RA-OP-01 General Landscape Operations
Assessment by	Chris Johnston (Director)
Signature	[redacted]

Review Date	05/01/2027

Assessment For	Fatigue
Reference Number	RA-GE-03 Fatigue
Relevant Plant/ Machinery/ Equipment	• Any Activity
Hazards	• Falling Asleep • Lack of concentration when working or commuting
Uncontrolled Risk Factor	• Severity 4 • Likelihood 4 • Risk Factor 16
People at Risk	• All operatives (employees and contractors) • Particular attention should be paid to the following: ○ Trainees, Inexperienced staff, lone workers, visitors.
Controls	• Rotate labour • Take regular breaks • Eat and drink well • Reduce lone working
Controlled Risk Factor	• Severity 4 • Likelihood 2 • Risk Factor 8
References and Relevant Risk Assessments	

Eco Control Solutions – Risk Assessment

Assessment by	Chris Johnston (Director)
Signature	[redacted]
Review Date	05/01/2027

Eco Control Solutions – Risk Assessment

Assessment For	Business Driving
Reference Number	RA-GE-04 Business Driving
Relevant Plant/ Machinery/ Equipment	• Cars / Vans
Hazards	• Collision with another vehicle, pedestrians or structures • Driving at night • Poor weather conditions
Uncontrolled Risk Factor	• Severity 5 • Likelihood 4 • Risk Factor 20
People at Risk	• All operatives (employees and contractors) • Particular attention should be paid to the following: ○ Trainees, Inexperienced staff, lone workers, visitors.
Controls	• Pre use vehicle check • Drive within the law and Highway code • Don not drive whilst fatigued • Do not use mobile • Telephone use hands free if provided • Do not drive if you are under the influence of sensory inhibiting medication. • Only drive the vehicle if Authorised to do so • Rotate driving if possible • Take regular breaks • Reduce speed • Use lights • Keep safe distance from other vehicles

Controlled Risk Factor	• Severity 5 • Likelihood 2 • Risk Factor 10
References and Relevant Risk Assessments	
Assessment by	Chris Johnston (Director)
Signature	[redacted]
Review Date	05/01/2027

Assessment For	Needlestick Injuries
Reference Number	RA-GE-05 Needlestick Injuries
Relevant Plant/ Machinery/ Equipment	• N/A
Hazards	• Contracting diseases from contact and accidental puncturing of the skin from needles
Uncontrolled Risk Factor	• Severity 4 • Likelihood 4 • Risk Factor 16
People at Risk	• All operatives (employees and contractors) • Particular attention should be paid to the following: ○ Trainees, Inexperienced staff, lone workers, visitors.
Controls	• Operatives should be made aware of what discarded needles look like and should always keep a look out for them • Do not work in any areas where needles have been identified • Do not clear areas with a high chance of needles by hand, use shovels if possible. • If hands must be used then needle proof gauntlets must be worn. • Needle proof gauntlets must be worn when putting hands near the floor or into places where the operative cannot visually inspect first • In areas where there is a high probability of needles been present safety boots with steel soles must be worn • If a needle stick injury occurs the emergency services should be called immediately

	• If needles found on site all people on site should be made aware of them and they should be fenced off with Netlon fence. Client should be made aware of the issue immediately
Controlled Risk Factor	• Severity 3 • Likelihood 2 • Risk Factor 6
References and Relevant Risk Assessments	
Assessment by	Chris Johnston (Director)
Signature	[redacted]
Review Date	05/01/2027

Assessment For	General Landscape Operations in relation the following works: • Grass Seeding • Turfing • Fencing • Planting • Grass Cutting • Vegetation Cutting • Clearance • Clearance of fly tipping • Hedge Cutting • Tree Works • Weed Control • Earthworks
Reference Number	RA-OP-01 General Landscape Operations
Relevant Plant/ Machinery/ Equipment	• Brushcutter/ Clearance Saw/ Hedgetrimmer • Chainsaw • Chipper • Pedestrian self propelled machinery • Agricultural Tractor with PTO driven implements • 360 Excavator • Telescopic Handler or Forklift Truck • Skidsteer • Dumper • Trailer
Hazards	• Injury through proximity to public highway • Injury through proximity to other operatives or members of the public (eg construction site) • Trips and falls over debris, holes, open manhole covers, loose cables, arisings from clearance • Trips and falls on slippery surfaces and over equipment/tools/materials • All hazards relating to the use of plant/machinery • Damage to and from underground / overhead services

	• Injury through Manual Handling • Damage hearing from excess noise • Contracting Weils' Disease (Leptospirosis) • Contracting disease from needle stick injuries • Hand arm Vibration Syndrome.
Uncontrolled Risk Factor	• Severity 4 • Likelihood 2 • Risk Factor 8
People at Risk	• All operatives (employees and contractors) • Particular attention should be paid to the following: ○ Trainees, Inexperienced staff, lone workers, visitors.
Controls	• Erect warning signs if work encroaches on public footpath: Establish 2 metre exclusion zone from Public Highway. Establish Traffic Management Routine in cooperation with local police force if required by volume of traffic/layout of road/nature of works.. Induct employees prior to commencing works. • Wear suitable PPE: • Segregation of work areas from unauthorised access (bunting, fencing, etc.) - Establish designated loading/unloading areas. • Carry out visual check of site (where practical), by walking up and down and checking for obstacles, holes, services, loose debris and other possible hazards. Mark clearly with flag or bunting where a hazard is caused. - If you leave immediate vicinity of open excavation, mark clearly with stakes and bunting. - Establish level storage area, clear of working area, for materials/arisings. • Clean up after spillages/leakage, maintain a good housekeeping routine. Wear boots with non-slippery soles. • All controls required by the use of plant/machinery • Ensure services are located (preferably by Cable Avoidance Tool, CAT-SCAN) prior to commencing work. Hand dig around services where possible. If in doubt, ask Camps supervisor.

	• Establish safe access routine for high vehicles/loads If you cannot avoid proximity to overhead services erect 2 goalposts over access route. - Never establish storage area under overhead cables • All controls established in Risk Assessment for Manual Handling • All controls established in Risk Assessment for Noise • Refer to HSE Tool Box Talk, Leptospirosis • Do not handle any waste that you are uncertain of what it is. • Do not put your hands anywhere you cannot see to avoid risk of needle stick injuries. Use an excavator if uncertain. • Pay attention to unauthorised persons on site, especially CHILDREN and new employees • Use correct tools for the job only. Make sure the tools are in good working order • Avoid working on your own if possible • Regular reviews will be undertaken on accidents and any developments/innovations that may improve safety. (e.g. from relevant journal articles or safety guides) • All relevant persons are advised to seek medical advice and/or regular medical checks where there is a danger of work resulting in injury • Where necessary further training will be given to improve safety awareness or poor technique • Rotate work and make sure anti vibration rubbers are in place on machines.
PPE	• Steel toe capped boots • Gloves • High Visibility Clothing • Hard Hat
Controlled Risk Factor	• Severity 4 • Likelihood 1 • Risk Factor 4
References and Relevant Risk Assessments	• RA-GE-01 Manual Handling • RA-GE-02 Noise • Leptospirosis Tool Box Talk

Eco Control Solutions – Risk Assessment

Assessment by	Chris Johnston (Director)
Signature	[redacted]
Review Date	05/01/2027

Assessment For	Earthworks in relation the following works: • Excavation of soil
Reference Number	RA-OP-11 Earthworks
Relevant Plant/ Machinery/ Equipment	• 360 Excavator
Hazards	• Damage to and from underground/overhead services • Injury through proximity to public highway. • Injury through proximity to other operatives or members of the public (e.g. construction site) • Trips and falls. • All hazards relating to the use of plant/machinery.
Uncontrolled Risk Factor	• Severity 4 • Likelihood 2 • Risk Factor 8
People at Risk	• All operatives (employees and contractors) • Particular attention should be paid to the following: ○ Trainees, Inexperienced staff, lone workers, visitors.
Controls	• Client must sign underground services declaration before any excavation works commence • Segregate away from overhead power cables. • Ensure operators are always aware of the location and movement of people in the immediate vicinity. • Ensure all other operatives have been instructed using the 'tool box talk' for the relevant plant/machinery. • Plant/machinery to be checked daily by operators and maintained safely in accordance with the 'manufacturers manual' for each machine.

	• Use of suitable PPE
PPE	• Hard Hat • High Visibility Vest / Jacket • Steel Toe Capped Boots • Appropriate Gloves
Controlled Risk Factor	• Severity 4 • Likelihood 1 • Risk Factor 4
References and Relevant Risk Assessments	• General Landscape Operations • 360 Excavator • Dumper • Trailer • Fuels & Oils
Assessment by	Chris Johnston
Signature	[redacted]
Review Date	05/01/2027

Eco Control Solutions – Risk Assessment

Assessment For	Digging and Underground Services in relation the following works: • Excavation of soil
Reference Number	RA-OP-12 Digging and Underground Services
Relevant Plant/ Machinery/ Equipment	• 360 Excavator
Hazards	• Damage to and from underground/overhead services • Injury through proximity to public highway. • Injury through proximity to other operatives or members of the public (e.g. construction site) • Trips and falls. • All hazards relating to the use of plant/machinery.
Uncontrolled Risk Factor	• Severity 4 • Likelihood 2 • Risk Factor 8
People at Risk	• All operatives (employees and contractors) • Particular attention should be paid to the following: ○ Trainees, Inexperienced staff, lone workers, visitors.
Controls	• Client must sign underground services declaration before any excavation works commence • Segregate away from overhead power cables. • Ensure operators are always aware of the location and movement of people in the immediate vicinity. • Ensure all other operatives have been instructed using the 'tool box talk' for the relevant plant/machinery. • Plant/machinery to be checked daily by operators and maintained safely in accordance with the 'manufacturers manual' for each machine.

	• Use of suitable PPE
PPE	• Hard Hat • High Visibility Vest / Jacket • Steel Toe Capped Boots • Appropriate Gloves
Controlled Risk Factor	• Severity 4 • Likelihood 1 • Risk Factor 4
References and Relevant Risk Assessments	• General Landscape Operations • 360 Excavator • Dumper • Trailer • Fuels & Oils
Assessment by	Chris Johnston
Signature	[redacted]
Review Date	05/01/2027

Assessment For	• Storage of Pesticides
Reference Number	RA-OP-14 Storage of Pesticides
Relevant Plant/ Machinery/ Equipment	• N/A
Hazards	Emergencies • Spillages and leaks • Leaking containers • Personal contamination • Suspected poisoning • Fire • Theft Exposure/ contamination with concentrate • Skin contact • Eye contact • Inhalation (short term) • Swallowing • Currently available information suggests this material is unlikely to produce significant adverse effects when instructions for recommended use are followed Environmental Risk – when used following instructions for recommended use it is not expected to produce significant adverse effects Road Traffic Accident • Death • Injury • Uncontrolled chemical release- personal and environmental contamination and exposure of bystanders and Emergency Services staff

	Bystander exposure • Early re-entry • Exposure from R.T.A
Uncontrolled Risk Factor	• Severity 4 • Likelihood 4 • Risk Factor 16
People at Risk	• All operatives (employees and contractors) • Particular attention should be paid to the following: ○ Trainees, Inexperienced staff, lone workers, visitors.
Controls	• Store in an approved lockable bunded Chem Safe during transport and in Spray Store • Ensure emergency Spill Kit is available for each store • Fire extinguishers • Training of operatives • Signage • TREM Cards for all operatives • First Aid Kits, Eyewash, PPE as required for handling • Limit quantities to be stored in any one location • COSHH Assessments • Safety Data Sheets • Product Labels • Consolidation of similar chemicals where appropriate to reduce number of cans of each pesticide.
PPE	• Refer to COSHH
Controlled Risk Factor	• Severity 4 • Likelihood 2 • Risk Factor 8

Eco Control Solutions – Risk Assessment

References and Relevant Risk Assessments	• COSHH • Data Sheets • Labels
Assessment by	Chris Johnston
Signature	[redacted]
Review Date	05/01/2027

Eco Control Solutions – Risk Assessment

Assessment For	• Excavator
Reference Number	• RA-PL-08 Excavator
Relevant Plant/ Machinery/ Equipment	• 360 Excavator
Hazards	• Contact – with sharp or abrasive surfaces, hot or electrically live components and overhead power lines or services. • Traps – between moving machinery parts, especially between moving rear end of excavator and tracks or buildings, etc. This part of the excavator is a blind spot for the driver. • Impact – being struck by moving machinery parts, especially by moving overhanging rear end of excavator. This part of the excavator is a blind spot for the driver. • Ejection - of high-pressure oil from damaged hydraulic hoses or couplings, and of machinery components. • Tipping – overbalancing due to slope or implements. • Fuel – all hazards relating to fuel • Damaging - underground services • Immobilisation - through incorrect track tension • Explosion – contract with underground services
Uncontrolled Risk Factor	• Severity 4 • Likelihood 2 • Risk Factor 8
People at Risk	• All operatives (employees and contractors) • Particular attention should be paid to the following: ○ Trainees, Inexperienced staff, lone workers, visitors.

Controls	• Excavator only to be operated by an Operator holding a Certificate of Training Achievement issued by the CITB for 360 Excavator < 5 tonnes or > 5 tonnes. • Clear segregation of work areas from unauthorised access when excavator is operated in areas accessible to the public. • Ensure as operator you are always aware of the location and movement of people in the immediate vicinity • Ensure all other operatives have been instructed using the 'tool box talk' for excavators. • Ensure all guards are in place and in good working order. • Excavator to be checked daily by operator and maintained safely in accordance with the 'Manufacturers Manual' for that particular excavator. • Ensure Excavator is fitted with Roll Over Protection Structure (ROPS) and is in good working order. • Use of suitable PPE: gloves, toe-capped boots, and hard hats. • Use of High Visibility Jackets when required. • Client must sign underground services declaration before any excavation works commence
PPE	• As described in Method Statement
Controlled Risk Factor	• Severity 4 • Likelihood 1 • Risk Factor 4
References and Relevant Risk Assessments	• General Plant and Machinery • COSHH for Fuels and Oils
Assessment by	Chris Johnston
Signature	[redacted]
Review Date	05/01/2027

Assessment For	• Dumper
Reference Number	• RA-PL-10 Dumper
Relevant Plant/ Machinery/ Equipment	• Dumper Truck
Hazards	• Contact – with sharp or abrasive surfaces, hot or electrically live components and overhead power lines or services. • Traps – between moving machinery parts, • Impact – being struck by moving machinery parts • Ejection - of high-pressure oil from damaged hydraulic hoses or couplings, and of machinery components. • Tipping – overbalancing due to slope or implements. • Fuel – all hazards relating to fuel
Uncontrolled Risk Factor	• Severity 4 • Likelihood 4 • Risk Factor 16
People at Risk	• All operatives (employees and contractors) • Particular attention should be paid to the following: ○ Trainees, Inexperienced staff, lone workers, visitors.
Controls	• Properly guarded • Suitable PPE • Proper signage displayed • Flashing beacon operating • Work area adequately marked and cordoned and access controlled • Only to be used by properly trained and certified operator (CPCS ticket) • Properly guarded

	• Only to be used by properly trained and certified operator (CPCS ticket) • Correctly maintained/pre-use checks carried out • Only to be used by properly trained and certified operator (CPCS ticket) • Warning signs etc in place
PPE	• As described in Method Statement
Controlled Risk Factor	• Severity 4 • Likelihood 1 • Risk Factor 4
References and Relevant Risk Assessments	• General Plant and Machinery • COSHH for Fuels and Oils
Assessment by	Chris Johnston
Signature	[redacted]
Review Date	05/01/2027

Eco Control Solutions – Risk Assessment

Assessment For	• Tipper Loading
Reference Number	• RA-PL-15 Tipper Loading
Relevant Plant/ Machinery/ Equipment	• Tipper Lorry • Excavator
Hazards	• Falling Debris from lorry or excavator • Impact – being struck by moving plant • Ejection - of high-pressure oil from damaged hydraulic hoses or couplings, and of machinery components. • Fuel – all hazards relating to fuel • Harm from overhead services
Uncontrolled Risk Factor	• Severity 4 • Likelihood 3 • Risk Factor 12
People at Risk	• All operatives (employees and contractors) • Particular attention should be paid to the following: ○ Trainees, Inexperienced staff, lone workers, visitors. • Members of the public
Controls	• Properly guarded • Suitable PPE • Proper signage displayed • Flashing beacon operating • Work area adequately marked and cordoned and access controlled • Only to be used by properly trained and certified operator (CPCS ticket) • Correctly maintained/pre-use checks carried out • Fence off loading zone and please warning signs where possible

	• Use traffic marshals in high risk areas • Always keep clear distance between yourself and the plant • Always be communicating with the drivers involved.
PPE	• Steel toe capped boots • High Visibility Clothing • Hard Hat
Controlled Risk Factor	• Severity 4 • Likelihood 1 • Risk Factor 4
References and Relevant Risk Assessments	• General Plant and Machinery • COSHH for Fuels and Oils • RA/MS-PL-08 Excavator
Assessment by	Chris Johnston
Signature	[redacted]
Review Date	05/01/2027