

CHAIN ROAD, BLACKLEY JAPANESE ROSE MANAGEMENT PLAN

Job Number: IPM 21 1080
Date of Plan: 29/09/2021
Client: Great Places Housing Group



INCREASING LAND VALUE

DOCUMENT VERIFICATION

Site Address	Chain Road, Blackley, Manchester, M9 6QX		
Job Title	Chain Road		
Document Title	Japanese Rose Management Plan		
Job Number	IPM 21 1080	Document Ref.	IPM211080MMP
Date Issued	29/09/2021	Report Version	001
Prepared By	Lee Worrall	Signature	
Reviewed By	Conor Leyden	Signature	

DISCLAIMER

This report has been prepared by IPC who have exercised such professional skill, care and diligence as may reasonably be expected of a properly qualified and competent consultant experienced in preparing reports of a similar scope.

However, to the extent that the report is based on or relies upon information contained in records, reports or other materials provided to IPC which have not been independently produced or verified, IPC gives no warranty, representation or assurance as to the accuracy or completeness of such information.

This report is prepared solely for the benefit of Great Places Housing Group. It may not be relied upon by, or submitted to a third party for their reliance for the purposes of valuation, mortgage, insurance and regulatory approval, until all invoices have been settled in full.

Those using this information in subsequent assessments or evaluations do so at their own risk.

Contents

1	OVERVIEW.....	1
1.1	PROJECT DESCRIPTION:	1
1.2	INVASIVE SPECIES	1
1.2.1	Site Visit	1
1.2.2	Japanese Rose:	2
2	SEQUENCE OF OPERATIONS.....	3
3	WORKING AREA	4
3.1	CONTROLLED EXCAVATION	4
3.2	MONITORING AND SPRAYING PROGRAM	4
4	OPERATIONAL RISK MANAGEMENT	6
5	ADDITIONAL SERVICES	7
6	HEALTH & SAFETY MANAGEMENT PROPOSALS	7
6.1	OPERATIVES CONFIRMATION.....	8
7	APPENDICES.....	9
7.1	APPENDIX 1 – PERMIT TO DIG FORM.....	9
7.2	APPENDIX 2 – DIG CONTROL FORM.....	10
7.3	APPENDIX 3 – FORMAN’S DIARY OF WORKS	11
7.4	APPENDIX 4 – MONITORING PROGRAM FORM	12

1 OVERVIEW

1.1 Project Description:

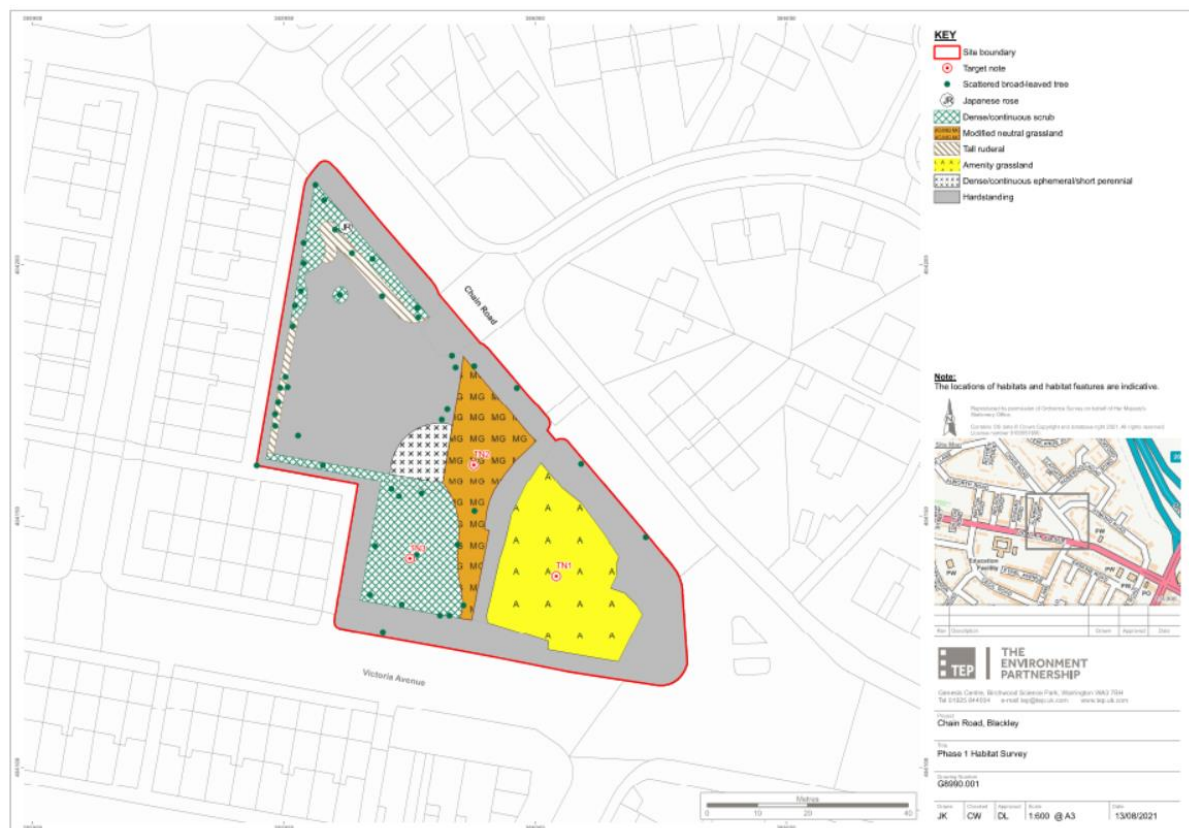
The LK Group was asked to provide a management plan and method statement for Japanese Rose (JK) within the Chain Road, Blackley site.

1.2 Invasive Species

1.2.1 Site Visit

Based on the Preliminary Ecological Assessment provided by TEP, one of stand of Japanese Rose was identified on the northern boundary adjacent to Chain Road.

The Japanese Rose is located the north of the site, see Figure 1 below.



1.2.2 Japanese Rose:

The recommended management plan is to undertake a “controlled excavation” of the material within the development area followed by transfer to licensed landfill (Dig & Dump).

The works are also followed by a 2-year spraying and monitoring programme where any unlikely re-growth is treated.

2 SEQUENCE OF OPERATIONS

The sequence of operations shall be as follows:

- The demarcation and isolation of all contaminated areas to prevent any spread from other contractors.
- Excavation of Japanese Rose.
- Transfer of arisings to licensed landfill.

3 WORKING AREA

The working area shall allow sufficient space for operatives to work safely adjacent to the site plant (i.e. 360° hydraulic excavator & 8 wheel wagon) and will include:

- The areas contaminated with JR
- The loading area

3.1 Controlled Excavation

Before any ground disturbance is carried out a Permit to Dig form will be filled out (**See Appendix 1**).

The areas subjected to the remediation program shall be excavated with a ditching bucket on a 360° excavator. The detailed method proposed is as follows:

- All JK plants shall be demarcated before any work takes place on site to prevent any spread from existing contaminated areas to 'clean' areas from plant and operatives on site.
- Where practical, we will excavate from outside the contaminated area to the extent of the JR. This reduces the likelihood of getting contaminated material on the tracks and spreading around site.
- The excavated material is then transferred to 8-wheel wagon prior to transfer to licensed landfill.
- When an area or section appears to be clean, a careful search of the surface shall be carried out by experienced personnel. If no JR is found a further 100mm layer shall be removed and moved to the stockpile area.
- If no more JR is found, a further 200-300mm of material shall be loosened and searched. If on this third check no rhizomes are found, the material shall be left in-situ.

Information related to the excavation of the contaminated area shall be recorded using the Dig Control Form (**see Appendix 2**). All occurrences on site will be recorded in the Foreman's Diary of Works Form (**see Appendix 3**).

3.2 Monitoring and Spraying Program

A spraying and monitoring programme should be implemented to inspect the whole site to review any unexpected regrowth. The monitoring program, which includes spraying as required, is recommended to last for a two-year period.

The recommended monitoring program is as follows:

- Year 1 – at least 2 visits
- Year 2 – at least 2 visits

The application of herbicide shall be undertaken by knapsack sprayers, using telescopic or extended lances. Pressure limitation valves will be set at 1 Bar and coarse droplet nozzle shall be used to reduce drift to a minimum. Glyphosate bioactive will be used in all circumstances within this site.

Information related to the monitoring and spraying programme shall be recorded using the Site Monitoring and Spraying Log (**see Appendix 4**).

4 OPERATIONAL RISK MANAGEMENT

In order to prevent cross-contamination, tracks/wheels and compartments of machines in addition to any tools used on the site shall be inspected and cleaned as required before moving from the contaminated areas.

IPC requires that information relating to the physical and chemical nature of the ground containing the JR areas are provided. The information will assist IPC in its Health & Safety plan for the site and will also ensure that no preferential pathways will be created for contaminants that may be present in the ground.

All operatives shall wear appropriate PPE.

5 ADDITIONAL SERVICES

In addition to the services described, The LK Group shall provide the resources and management to:

- Manage and control the JR on site to enable other trades and construction work to undertake their activities with the least hindrance.
- To provide documentary and photographic evidence to be able to demonstrate to any legislative or other interested bodies that due care has been taken to address all issues relating to the on-site Japanese Rose problem.

The site will be monitored for a minimum of 2 years post completion with relevant reports being issued where necessary.

6 HEALTH & SAFETY MANAGEMENT PROPOSALS

All staff shall wear the appropriate safety clothing, including protective headgear, safety boots, and high-visibility jackets/vests.

The work shall be carried out in conformity with the Requirements of the Health and Safety Executive Guidance Notes:

- No. GS6 'Avoidance of Danger from Overhead Electrical Cables';
- No. HS(G) 47 'Avoiding Danger from Underground Services'.

Spraying shall be undertaken by operatives qualified to recognised national standards and shall follow all training guidelines and label recommendations and DEFRA off-label recommendations, where applicable. Spraying activities shall comply with the relevant legislation including:

- *The Control of Pollution Act 1974;*
- *The Control of Pesticides Regulations 1986;*
- *The Code of Practice for the Use of Approved Pesticides in Amenity Areas 1988;*
- *The Control of Substances Hazardous to Health Regulations (COSHH) 2004;*
- *The Control of Pesticides Regulations under the Food and Environment Protection Act (FEPA) 1995;*
- *And, Pesticides: Codes of Practices 1990.*

6.1 Operatives Confirmation

All operatives will sign and date below which states that they have read and understood this Method statement and associated Risk Assessments

Name	Signature	Date
.....		
.....		
.....		
.....		
.....		
.....		
.....		
.....		

7 APPENDICES

7.1 Appendix 1 – Permit to Dig Form



The LK Group
Eton Business Park
Eton Hill Road
Greater Manchester
M33 2WJ

Tel: 0161 763 7200
Fax: 0161 763 7318

Project:.....**Date:**.....**Time:**.....

Location:.....

Section 1 (to be completed by IPC Site supervisor)

- Have current drawings showing location, type and status (i.e. live or dead) of all under-ground services been provided
.....Yes/No
- Has a visual inspection of the dig area been carried out
.....Yes/No
- Has a Cable Locating Device (CAT) been used to sweep the area to establish under-ground services
.....Yes/No
- Are all operatives conversant with safe digging practices?
.....Yes/No
- Are appropriate tools available
.....Yes/No

Any other precautions (if any)

I hereby declare that the above precautions will be put into effect prior to the work commencing

Name:**Sign:**.....**Date:**.....**Time:**.....

Section 2 Control

I am satisfied that the precautions identified above are satisfactory for the works to be undertaken

Digging may proceedYes/No

Further action required: (Specify)

Name:**Sign:**.....**Date:**.....**Time:**.....

Section 3 Completion

I am satisfied that the work area has been left in a safe condition and therefore this permit is hereby cancelled

Name:**Sign:**.....**Date:**.....**Time:**.....

7.2 Appendix 2 – Dig Control Form



The LK Group
Eton Business Park
Eton Hill Road
Greater Manchester
M33 2WJ

Tel: 0161 763 7200
Fax: 0161 763 7318

Site Name:

Job Number:

Area/ Section	(A) Dig to visual extent of JR & search	(B) Dig a further 100mm layer & search	(C) Dig & loosen a further 200-300 & search	Arising's fate	Initials	Date
...						
...						
...						
...						
...						

I confirm that the works to the above site have been carried out according to the method statement for Japanese Rose treatment, submitted for works on this site.

Supervisor for IPC Name:..... Date:..... Signed:.....	Client representative (if applicable) Company:..... Name:..... Date:..... Signed:.....
---	---

7.3 Appendix 3 – Forman's Diary of Works



The LK Group
 Eton Business Park
 Eton Hill Road
 Greater Manchester
 M33 2WJ

Tel: 0161 763 7200
 Fax: 0161 763 7318

Job No:	Address:	Client:
Date started:	Foreman:	

Date	Time Started	Persons Present	Notes	Time Finished

7.4 Appendix 4 – Monitoring Program Form



The LK Group
 Eton Business Park
 Eton Hill Road
 Greater Manchester
 M33 2WJ

Tel: 0161 763 7200
 Fax: 0161 763 7318

Site:	Client:	Date:
Job No:	Visit No:	Time on site:
Operatives Names:		Time off site:

Area No	Est % or m ² live	Details	Photo No

Herbicide used	Rate ml/litre	No of (L) mix used	Total Chem	Wind	Weather

Operatives Signature:	Client representative (when applicable)
	Client signature (when applicable)