

# Public Realm

## Master Specification

### Part PR-LS-M2 Maintenance of Hydroseeded and Direct Seeded Areas

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DEPARTMENT OF  
PLANNING, TRANSPORT  
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## PR-LS-M2 Maintenance of Hydroseeded and Direct Seeded Areas

### 1 General

- 1.1 This Part specifies the requirements for the maintenance of hydroseeded and direct seeded areas including weed eradication, grass slashing, follow-up fertiliser and repairs.
- 1.2 This Part is to be used for the maintenance of revegetation and batter stabilisation where hydroseeding and direct seeding has taken place. Refer to Part PR-LS-M3 Maintenance of Seeded Areas and Lawns for maintenance of lawns and turf.
- 1.3 The Contractor shall be responsible for maintenance for the period stated in the Contract.
- 1.4 Maintenance shall mean the continuing care of the seeded areas within the Extent of Works area indicated on the Drawings or in the Design Report to promote healthy and vigorous growth by implementing accepted horticultural practices, as well as rectifying any defects that become apparent in the works under normal conditions and according to the season. On completion of the maintenance period, seeded areas shall have a healthy sward notwithstanding adverse weather conditions at the time.
- 1.5 The following Clauses describe maintenance work appropriate for normal conditions. The Contractor shall perform various operations to suit seasonal and/or other conditions affecting the condition of the Extent of Works area indicated on the Drawings or in the Design Report.
- 1.6 The Contractor shall submit a program of works to nominate when maintenance treatments are considered necessary.
- 1.7 All clauses of this Part apply unless otherwise specified in the Contract Scope or Requirements.
- 1.8 Where a specification differs between the Drawing and the Design Report, the Drawing shall take precedence.
- 1.9 If not specified in the Drawings or Design Report, the clauses in this Part shall be followed.
- 1.10 Where required under the Controlled Substances Act 1984, and the Controlled Substances (Pesticides) Regulations 2017, employees undertaking pest control work shall hold a current Pest Management Technician's License.

### 2 Weed Control

- 2.1 Refer to the Drawings and Design Report for weed control methods.
- 2.2 Unless specified otherwise in the Drawings or Design Report, weeds shall be controlled by the Contractor before they reach maturity and are able to reproduce. Weed control methods may include:
  - a) Spot Spray
    - i) Spot spraying, involving the controlled application of suitable systemic, knock-down, or selective herbicide to a target plant, shall only be carried out where there is very low risk of non-target damage. Roundup Biactive (or equivalent) shall be used where knockdown systemic herbicides are required around wetlands and waterways. The herbicide shall be used according to the manufacturer's recommended rates. Any off-target damage shall be made good by the Contractor at the Contractor's expense.
    - ii) Spraying shall not be carried out in windy conditions in order to avoid spray drift. Spray shall not be applied to adjacent non-target plants. A red marking dye shall be added to the spray mix. Spray shrouds must be used.
  - b) Boom Spray
    - i) Boom spraying, involving the application of suitable systemic, knock-down or selective herbicide to a broad acre area, shall only be carried out where there is very low risk of non-target damage. Roundup Biactive (or equivalent) shall be used where knockdown systemic

herbicides are required around wetlands and waterways. The herbicide shall be used according to the manufacturer's recommended rates. Any off-target damage shall be made good by the Contractor at the Contractor's expense.

- ii) Spraying shall not be carried out in windy conditions in order to avoid spray drift. Spray shall not be applied to adjacent non-target plants. A red marking dye shall be added to the spray mix.
  - c) Slashing and Brushcutting
    - i) Broad acre slashing of weeds shall only be used where there is very low risk of non-target damage and where it is required as part of the maintenance regime. Brushcutting may be implemented where slashing machinery cannot access or to minimise non-target damage. Trash build up shall be removed prior to herbicide spraying. Any off-target damage shall be made good by the Contractor at the Contractor's expense.
- 2.3 The Contractor shall complete Appendix 1: Maintenance of Hydroseeded and Direct Seeded Areas Schedule recommending preferred methods of weed control for the project including targeted weed species and provide details of the chemicals and application rates to be used. Appendix 1: Maintenance of Hydroseeded and Direct Seeded Areas Schedule shall be updated by the Contractor as required during the contract period.

### 3 Pest / Disease Control

- 3.1 Insect pests, fungus and disease shall be controlled by means of appropriate treatment.
- 3.2 All chemicals shall be used in accordance with the manufacturer's recommendations and shall be approved by the Principal. Any off-target damage shall be made good by the Contractor at the Contractor's expense.
- 3.3 The Contractor shall complete Appendix 1: Maintenance of Hydroseeded and Direct Seeded Areas Schedule recommending preferred methods of pest / disease control for the project, and chemicals and application rates to be used. Appendix 1: Maintenance of Hydroseeded and Direct Seeded Areas Schedule shall be updated by the Contractor as required during the contract period.

### 4 Grass Slashing

- 4.1 The first and subsequent cuts shall reduce the grass to 100 mm in height. This shall be done when the height reaches 200 mm or as directed by the Principal.
- 4.2 A minimum of five grass slashing events are required to be undertaken per year.
- 4.3 One slashing event shall be undertaken in early summer to reduce fire fuel loads for the summer period.

### 5 Repairs

- 5.1 Where seeded areas within the Extent of Works area indicated on the Drawings or in the Design Report have become damaged, defective or have died as a result of the Contractor's operations, they shall be re-seeded immediately with the same seed mix and shall be established to healthy vigorous growth, at the Contractor's expense.
- 5.2 Where seeded areas within the Extent of Works area indicated on the Drawings or in the Design Report have become damaged, defective or have died as a result of vandalism, they shall be re-seeded immediately with the same seed mix and shall be established to healthy vigorous growth, at the Principal's expense.
- 5.3 All repairs to hydroseeded and direct seeded areas as a result of vandalism shall be approved by the Principal prior to commencing repair work.
- 5.4 All repairs shall be carried out in accordance with Part PR-LS-C6 "Hydroseeding and Direct Seeding".

- 5.5 Approval for repairs to hydroseeded and direct seeded areas as a result of vandalism shall constitute a **Hold Point**.

## 6 Hold Points

- 6.1 The following is a summary of Hold Points referenced in this Part:

**Table PR-LS-M2 6-1 Hold Points**

<b>Ref.</b>	<b>Hold Point</b>	<b>Response Time</b>
5.5	Approval for repairs to hydroseeded and direct seeded areas as a result of vandalism	5 Working Days

Appendix 1: Maintenance of Hydroseeded and Direct Seeded Areas Schedule

METHOD:

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HERBICIDE DETAILS:

DESCRIPTION	APPLICATION RATE	
Chemicals to be used for Broadleaf Weeds	Rate per litre	
Chemicals to be used for Foliar Spray	Rate per litre	
Chemicals to be used for herbaceous weed control, if applicable	Rate per litre water	Litres per hectare

PESTICIDE DETAILS:

DESCRIPTION (Chemicals to be used for Pest/Disease Control)	APPLICATION RATE per litre

.....  
Contractor's signature

.....  
Date

