



Matters of State Environmental Significance (MSES)

Data Set Colour & Styles

For GIS data available through the Queensland Spatial
Catalogue (Qspatial)



**Queensland
Government**

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Purpose

This document describes the symbology for each matters of state environmental significance (MSES) layer so they appear identical to the MSES mapping as seen on the [SPP interactive mapping system](#). The data downloaded from the [Qspatial](#) website.

Note: This document is for GIS users on applications other than ESRI ArcGIS. The MSES symbology (ArcGIS Layer File) is available in ESRI format at <https://environment.des.qld.gov.au/management/planning-guidelines/method-mapping-mses>. For ArcGIS users, the symbology file includes the information in this document.

SPP mapping layers

Under the Environment and Heritage> Biodiversity tab, the SPP interactive mapping includes the following layer as MSES and displayed in Figure 1:

- MSES - Protected areas (estate)
- MSES - Protected areas (nature refuge)
- MSES - Marine park (highly protected areas)
- MSES - Declared fish habitat area
- MSES - Wildlife habitat (endangered or vulnerable)
- MSES - Wildlife habitat (special least concern animal)
- MSES - Wildlife habitat (koala habitat areas - core)
- MSES - Wildlife habitat (koala habitat areas - locally refined)
- Regulated vegetation (category B)
- Regulated vegetation (category C)
- Regulated vegetation (category R)
- Regulated vegetation (essential habitat)
- Regulated vegetation (defined watercourse)
- Regulated vegetation (wetland)
- Regulated vegetation (category B)
- MSES - Regulated vegetation (category C)
- MSES - Regulated vegetation (category R)
- MSES - Regulated vegetation (essential habitat)
- MSES - Regulated vegetation (wetland)
- MSES - Regulated vegetation (intersecting a watercourse)
- MSES - Strategic environmental areas (designated precinct)
- MSES - High ecological significance wetlands
- MSES - High ecological value waters (wetland)
- MSES - High ecological value waters (watercourse)
- MSES - Legally secured offset area (offset register)
- MSES - Legally secured offset area (regulated vegetation offsets)

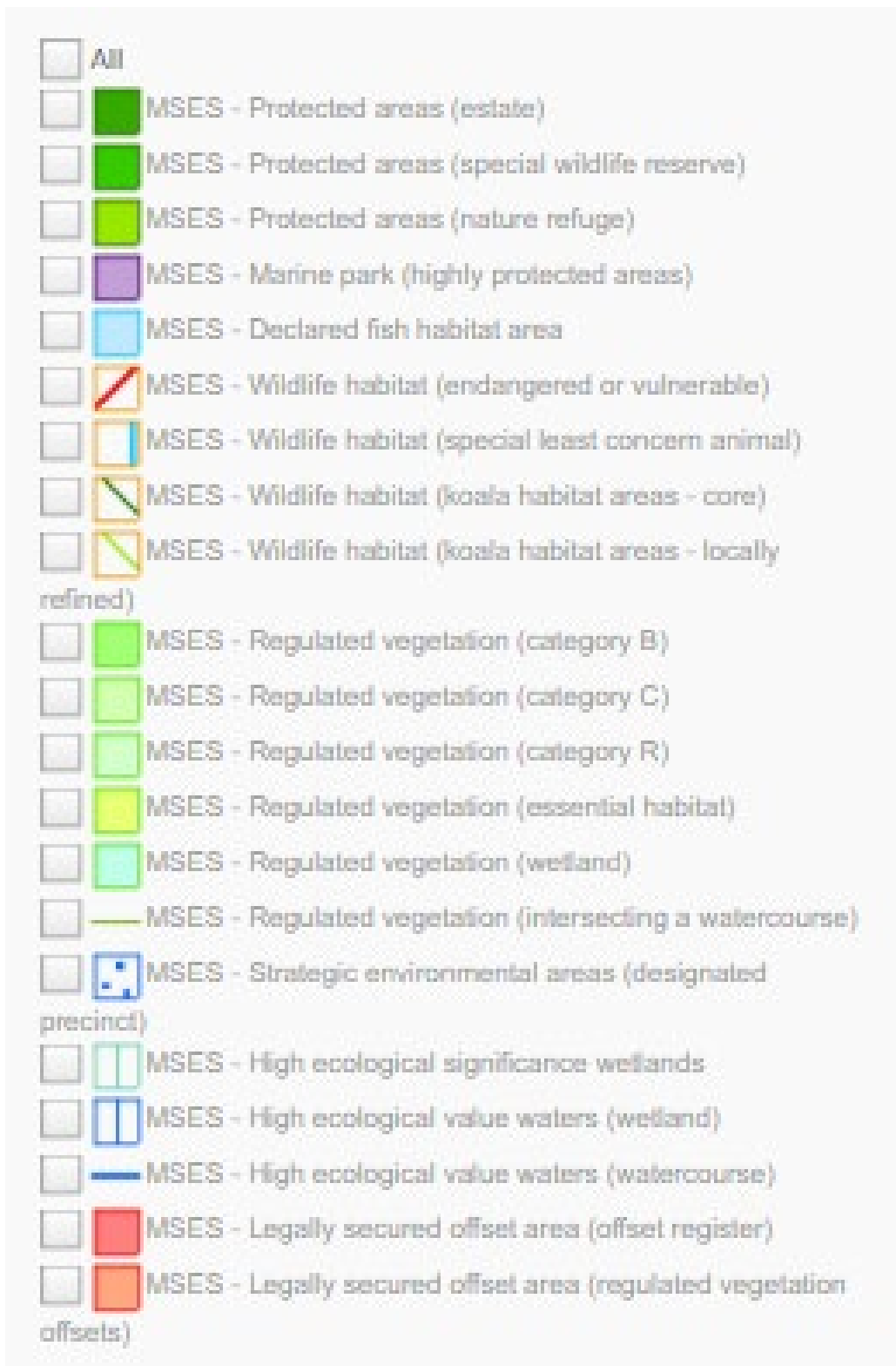


Figure 1 SPP MSES layers

Line Layers

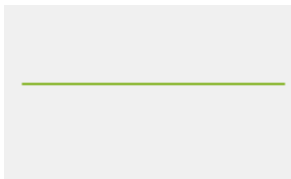
MSES-Regulated vegetation (intersecting a watercourse)

Style

| | |
|-----------|-----|
| Red (R) | 112 |
| Green (G) | 168 |
| Blue (B) | 0 |

Line width: 1

Example



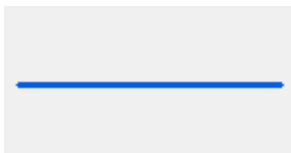
MSES - High ecological value waters

Style

| | |
|-----------|-----|
| Red (R) | 0 |
| Green (G) | 92 |
| Blue (B) | 230 |

Line width: 2

Example



Polygon Layers

MSES – Protected area (estates)

Style

Fill

| | |
|-----------|-----|
| Red (R) | 56 |
| Green (G) | 168 |
| Blue (B) | 0 |

Fill Symbol

Type: Simple fill

Outline

| | |
|-----------|-----|
| Red (R) | 38 |
| Green (G) | 115 |
| Blue (B) | 0 |

Line width: 1

Example



MSES – Protected area (special wildlife reserves)

Style

Fill

| | |
|-----------|-----|
| Red (R) | 55 |
| Green (G) | 201 |
| Blue (B) | 0 |

Fill Symbol

Type: Simple fill

Outline

| | |
|-----------|-----|
| Red (R) | 38 |
| Green (G) | 115 |
| Blue (B) | 0 |

Line width: 1

Example



MSES – Protected area (nature refuges)

Style

Fill

| | |
|-----------|-----|
| Red (R) | 152 |
| Green (G) | 230 |
| Blue (B) | 0 |

Fill Symbol

Type: Simple fill

Outline

| | |
|-----------|-----|
| Red (R) | 38 |
| Green (G) | 115 |
| Blue (B) | 0 |

Line width: 1

Example



MSES – Marine park (highly protected areas)

Style

Fill

| | |
|-----------|-----|
| Red (R) | 194 |
| Green (G) | 158 |
| Blue (B) | 215 |

Fill Symbol

Type: Simple fill

Outline

| | |
|-----------|-----|
| Red (R) | 76 |
| Green (G) | 0 |
| Blue (B) | 115 |

Line width: 1

Example



MSES – Declared Fish Habitat Areas

Style

Fill

| | |
|-----------|-----|
| Red (R) | 190 |
| Green (G) | 232 |
| Blue (B) | 255 |

Fill Symbol

Type: Simple fill

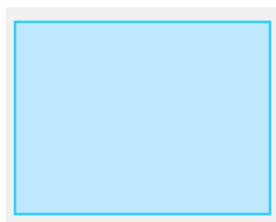
Outline

DIFFERENT TO FILL!!

| | |
|-----------|-----|
| Red (R) | 0 |
| Green (G) | 197 |
| Blue (B) | 255 |

Line width: 1

Example



MSES - Wildlife habitat (endangered or vulnerable)

Style

Fill

| | |
|-----------|-----|
| Red (R) | 230 |
| Green (G) | 0 |
| Blue (B) | 0 |

Fill Symbol

Type: Line Fill Symbol

Subtype: diagonal hatch

Angle: 45°

Separation: 8.0

Outline

| | |
|-----------|-----|
| Red (R) | 230 |
| Green (G) | 152 |
| Blue (B) | 0 |

Line width: 1

Example



MSES - Wildlife habitat (special least concern animal)

Style

Fill

| | |
|-----------|-----|
| Red (R) | 0 |
| Green (G) | 197 |
| Blue (B) | 255 |

Fill Symbol

Type: Line Fill Symbol

Subtype: vertical hatch

Angle: 90°

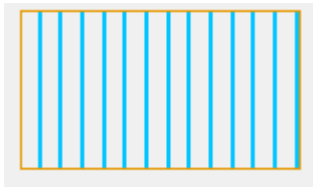
Separation: 8.0

Outline

| | |
|-----------|-----|
| Red (R) | 230 |
| Green (G) | 152 |
| Blue (B) | 0 |

Line width: 1

Example



MSES - Wildlife habitat (koala habitat area - core)

Style

Fill

| | |
|-----------|-----|
| Red (R) | 38 |
| Green (G) | 115 |
| Blue (B) | 0 |

Fill Symbol

Type: Line Fill Symbol

Subtype: diagonal hatch

Angle: 135°

Separation: 8.0

Outline

| | |
|-----------|-----|
| Red (R) | 230 |
| Green (G) | 152 |
| Blue (B) | 0 |

Line width: 1

Example



MSES - Wildlife habitat (koala habitat area - locally refined)

Style

Fill

| | |
|-----------|-----|
| Red (R) | 170 |
| Green (G) | 102 |
| Blue (B) | 205 |

Fill Symbol

Type: Line Fill Symbol

Subtype: diagonal hatch

Angle: 135°

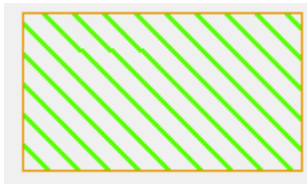
Separation: 8.0

Outline

| | |
|-----------|-----|
| Red (R) | 85 |
| Green (G) | 255 |
| Blue (B) | 0 |

Line width: 1

Example



MSES – Regulated vegetation (category B - endangered or of concern)

Style

Fill

| | |
|-----------|-----|
| Red (R) | 163 |
| Green (G) | 255 |
| Blue (B) | 115 |

Fill Symbol

Type: Simple fill

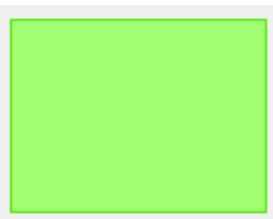
Outline

DIFFERENT TO FILL!!

| | |
|-----------|-----|
| Red (R) | 76 |
| Green (G) | 230 |
| Blue (B) | 0 |

Line width: 1

Example



MSES – Regulated vegetation (category C- endangered or of concern)

Style

Fill

| | |
|-----------|-----|
| Red (R) | 211 |
| Green (G) | 255 |
| Blue (B) | 176 |

Fill Symbol

Type: Simple fill

Outline

DIFFERENT TO FILL!!

| | |
|-----------|-----|
| Red (R) | 76 |
| Green (G) | 230 |
| Blue (B) | 0 |

Line width: 1

Example



MSES – Regulated vegetation (category R- GBR riverine)

Style

Fill

| | |
|-----------|-----|
| Red (R) | 211 |
| Green (G) | 255 |
| Blue (B) | 201 |

Fill Symbol

Type: Simple fill

Outline

DIFFERENT TO FILL!!

| | |
|-----------|-----|
| Red (R) | 76 |
| Green (G) | 230 |
| Blue (B) | 0 |

Line width: 1

Example



MSES – Regulated vegetation (essential habitat)

Style

Fill

| | |
|-----------|-----|
| Red (R) | 232 |
| Green (G) | 255 |
| Blue (B) | 115 |

Fill Symbol

Type: Simple fill

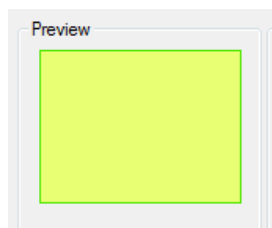
Outline

DIFFERENT TO FILL!!

| | |
|-----------|-----|
| Red (R) | 76 |
| Green (G) | 230 |
| Blue (B) | 0 |

Line width: 1

Example



MSES – Regulated vegetation (100m from wetland)

Style

Fill

| | |
|-----------|-----|
| Red (R) | 190 |
| Green (G) | 255 |
| Blue (B) | 232 |

Fill Symbol

Type: Simple fill

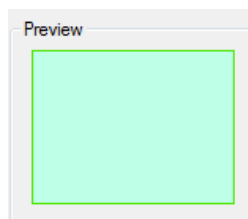
Outline

DIFFERENT TO FILL!!

| | |
|-----------|-----|
| Red (R) | 76 |
| Green (G) | 230 |
| Blue (B) | 0 |

Line width: 1

Example



MSES - Strategic environmental area (designated precinct)

Style

Fill

| | |
|-----------|-----|
| Red (R) | 0 |
| Green (G) | 92 |
| Blue (B) | 230 |

Fill Symbol

Type: Picture Fill Symbol

Subtype: randomised stiple (e.g. ESRI Snowfield/Ice)

Scale X: 2.5

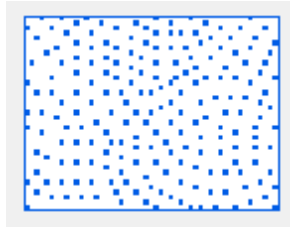
Scale Y: 2.5

Outline

| | |
|-----------|-----|
| Red (R) | 0 |
| Green (G) | 92 |
| Blue (B) | 230 |

Line width: 1

Example



MSES – High ecological significance wetlands

Style

Fill

| | |
|-----------|-----|
| Red (R) | 102 |
| Green (G) | 205 |
| Blue (B) | 171 |

Fill Symbol

Type: Line Fill Symbol

Subtype: vertical hatch

Angle: 90°

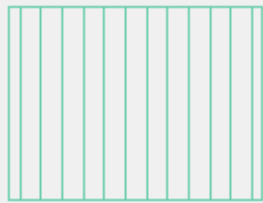
Separation: 8.0

Outline

| | |
|-----------|-----|
| Red (R) | 102 |
| Green (G) | 205 |
| Blue (B) | 171 |

Line width: 1

Example



MSES - High ecological value waters (wetland)

Style

Type: Line Fill Symbol

Subtype: vertical hatch

Angle: 90°

Separation: 8.0

Fill

| | |
|-----------|-----|
| Red (R) | 0 |
| Green (G) | 92 |
| Blue (B) | 230 |

Fill Symbol

Type: Line Fill Symbol

Subtype: vertical hatch

Angle: 90°

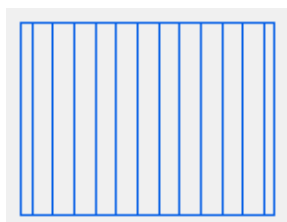
Separation: 8.0

Outline

| | |
|-----------|-----|
| Red (R) | 0 |
| Green (G) | 92 |
| Blue (B) | 230 |

Line width: 1

Example



MSES – Legally secured offset area (offset register)

Style

Fill

| | |
|-----------|-----|
| Red (R) | 255 |
| Green (G) | 127 |
| Blue (B) | 127 |

Fill Symbol

Type: Simple fill

Outline

DIFFERENT TO FILL!!

| | |
|-----------|-----|
| Red (R) | 255 |
| Green (G) | 0 |
| Blue (B) | 0 |

Line width: 1

Example



MSES – Legally secured offset area (vegetation offsets)

Style

Fill

| | |
|-----------|-----|
| Red (R) | 255 |
| Green (G) | 167 |
| Blue (B) | 127 |

Fill Symbol

Type: Simple fill

Outline

DIFFERENT TO FILL!!

| | |
|-----------|-----|
| Red (R) | 255 |
| Green (G) | 0 |
| Blue (B) | 0 |

Line width: 1

Example

