

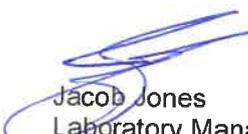
Lot Level One Certification

Guidelines on Earthworks for Commercial & Residential Developments – AS3798

Form No: W103 – Version 2 (09/07/2020)

Project:	Riverbank Estate Stage 15B, Caboolture South Qld
Lot No:	Lot 1135
Job No:	J20/54
Earthworks Contractor:	Shadforth's Civil Pty Ltd
Date:	10/07/20

The results obtained from Compaction Control Testing, together with observations made during earthworks operations indicate that all fill materials were placed in a controlled manner in accordance with good engineering practices. The earthworks have been carried out to meet the requirements of **Level 1 Certification as per AS3798 – “Guidelines on Earthworks for Commercial and Residential Developments”**.



Jacob Jones
Laboratory Manager
Wagner Soil Testing

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Guidelines on Earthworks for Commercial & Residential Developments – AS3798

Form No: W103 – Version 2 (09/07/2020)

Project:	Riverbank Estate Stage 15B, Caboolture South Qld
Lot No:	Lot 1300
Job No:	J20/54
Earthworks Contractor:	Shadforth's Civil Pty Ltd
Date:	10/07/20

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Guidelines on Earthworks for Commercial & Residential Developments – AS3798

Form No: W103 – Version 2 (09/07/2020)

Project:	Riverbank Estate Stage 15B, Caboolture South Qld
Lot No:	Lot 1301
Job No:	J20/54
Earthworks Contractor:	Shadforth's Civil Pty Ltd
Date:	10/07/20

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Form No: W103 – Version 2 (09/07/2020)

Project:	Riverbank Estate Stage 15B, Caboolture South Qld
Lot No:	Lot 1302
Job No:	J20/54
Earthworks Contractor:	Shadforth's Civil Pty Ltd
Date:	10/07/20

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Guidelines on Earthworks for Commercial & Residential Developments – AS3798

Form No: W103 – Version 2 (09/07/2020)

Project:	Riverbank Estate Stage 15B, Caboolture South Qld
Lot No:	Lot 1303
Job No:	J20/54
Earthworks Contractor:	Shadforth's Civil Pty Ltd
Date:	10/07/20

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Form No: W103 – Version 2 (09/07/2020)

Project:	Riverbank Estate Stage 15B, Caboolture South Qld
Lot No:	Lot 1304
Job No:	J20/54
Earthworks Contractor:	Shadforth's Civil Pty Ltd
Date:	10/07/20

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Form No: W103 – Version 2 (09/07/2020)

Project:	Riverbank Estate Stage 15B, Morayfield Qld
Lot No:	Lot 1120
Job No:	J19/66
Earthworks Contractor:	Shadforth's Civil Pty Ltd
Date:	7/08/20

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Project:	Riverbank Estate Stage 15B, Morayfield Qld
Lot No:	Lot 1121
Job No:	J19/66
Earthworks Contractor:	Shadforth's Civil Pty Ltd
Date:	7/08/20

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Guidelines on Earthworks for Commercial & Residential Developments – AS3798 Form No: W103 – Version 2 (09/07/2020)

Project:	Riverbank Estate Stage 15B, Morayfield Qld
Lot No:	Lot 1122
Job No:	J19/66
Earthworks Contractor:	Shadforth's Civil Pty Ltd
Date:	7/08/20

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Form No: W103 – Version 2 (09/07/2020)

Project:	Riverbank Estate Stage 15B, Morayfield Qld
Lot No:	Lot 1123
Job No:	J19/66
Earthworks Contractor:	Shadforth's Civil Pty Ltd
Date:	7/08/20

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Form No: W103 – Version 2 (09/07/2020)

Project:	Riverbank Estate Stage 15B, Morayfield Qld
Lot No:	Lot 1124
Job No:	J19/66
Earthworks Contractor:	Shadforth's Civil Pty Ltd
Date:	7/08/20

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Form No: W103 – Version 2 (09/07/2020)

Project:	Riverbank Estate Stage 15B, Morayfield Qld
Lot No:	Lot 1125
Job No:	J19/66
Earthworks Contractor:	Shadforth's Civil Pty Ltd
Date:	7/08/20

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Form No: W103 – Version 2 (09/07/2020)

Project:	Riverbank Estate Stage 15B, Morayfield Qld
Lot No:	Lot 1126
Job No:	J19/66
Earthworks Contractor:	Shadforth's Civil Pty Ltd
Date:	7/08/20

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Form No: W103 – Version 2 (09/07/2020)

Project:	Riverbank Estate Stage 15B, Morayfield Qld
Lot No:	Lot 1127
Job No:	J19/66
Earthworks Contractor:	Shadforth's Civil Pty Ltd
Date:	7/08/20

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Project:	Riverbank Estate Stage 15B, Morayfield Qld
Lot No:	Lot 1128
Job No:	J19/66
Earthworks Contractor:	Shadforth's Civil Pty Ltd
Date:	7/08/20

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Lot Level One Certification

Guidelines on Earthworks for Commercial & Residential Developments – AS3798 Form No: W103 – Version 2 (09/07/2020)

Project:	Riverbank Estate Stage 15B, Morayfield Qld
Lot No:	Lot 1129
Job No:	J19/66
Earthworks Contractor:	Shadforth's Civil Pty Ltd
Date:	7/08/20

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Lot Level One Certification

Guidelines on Earthworks for Commercial & Residential Developments – AS3798

Form No: W103 – Version 2 (09/07/2020)

Project:	Riverbank Estate Stage 15B, Morayfield Qld
Lot No:	Lot 1130
Job No:	J19/66
Earthworks Contractor:	Shadforth's Civil Pty Ltd
Date:	7/08/20

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Jacob Jones
Laboratory Manager
Wagner Soil Testing

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Form No: W103 – Version 2 (09/07/2020)

CONSTRUCTION

MATERIALS

TESTING

Lot Level One Certification

Guidelines on Earthworks for Commercial & Residential Developments – AS3798 Form No: W103 – Version 2 (09/07/2020)

Project:	Riverbank Estate Stage 15B, Morayfield Qld
Lot No:	Lot 1131
Job No:	J19/66
Earthworks Contractor:	Shadforth's Civil Pty Ltd
Date:	7/08/20

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Jacob Jones
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Wagner Soil Testing

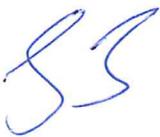
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Lot Level One Certification

Guidelines on Earthworks for Commercial & Residential Developments – AS3798 Form No: W103 – Version 2 (09/07/2020)

Project:	Riverbank Estate Stage 15B, Morayfield Qld
Lot No:	Lot 1132
Job No:	J19/66
Earthworks Contractor:	Shadforth's Civil Pty Ltd
Date:	7/08/20

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Jacob Jones
Laboratory Manager
Wagner Soil Testing

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Lot Level One Certification

Guidelines on Earthworks for Commercial & Residential Developments – AS3798 Form No: W103 – Version 2 (09/07/2020)

Project:	Riverbank Estate Stage 15B, Morayfield Qld
Lot No:	Lot 1133
Job No:	J19/66
Earthworks Contractor:	Shadforth's Civil Pty Ltd
Date:	7/08/20

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Laboratory Manager
Wagner Soil Testing

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Form No: W103 – Version 2 (09/07/2020)

CONSTRUCTION

MATERIALS

TESTING

Lot Level One Certification

Guidelines on Earthworks for Commercial & Residential Developments – AS3798 Form No: W103 – Version 2 (09/07/2020)

Project:	Riverbank Estate Stage 15B, Morayfield Qld
Lot No:	Lot 1134
Job No:	J19/66
Earthworks Contractor:	Shadforth's Civil Pty Ltd
Date:	7/08/20

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Jacob Jones
Laboratory Manager
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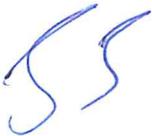
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Lot Level One Certification

Guidelines on Earthworks for Commercial & Residential Developments – AS3798 Form No: W103 – Version 2 (09/07/2020)

Project:	Riverbank Estate Stage 15B, Morayfield Qld
Lot No:	Lot 1136
Job No:	J19/66
Earthworks Contractor:	Shadforth's Civil Pty Ltd
Date:	7/08/20

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Jacob Jones
Laboratory Manager
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Lot Level One Certification

Guidelines on Earthworks for Commercial & Residential Developments – AS3798 Form No: W103 – Version 2 (09/07/2020)

Project:	Riverbank Estate Stage 15B, Morayfield Qld
Lot No:	Lot 1137
Job No:	J19/66
Earthworks Contractor:	Shadforth's Civil Pty Ltd
Date:	7/08/20

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Jacob Jones
Laboratory Manager
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Lot Level One Certification

Guidelines on Earthworks for Commercial & Residential Developments – AS3798 Form No: W103 – Version 2 (09/07/2020)

Project:	Riverbank Estate Stage 15B, Morayfield Qld
Lot No:	Lot 1138
Job No:	J19/66
Earthworks Contractor:	Shadforth's Civil Pty Ltd
Date:	7/08/20

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Form No: W103 – Version 2 (09/07/2020)

Project:	Riverbank Estate Stage 15B, Morayfield Qld
Lot No:	Lot 1139
Job No:	J19/66
Earthworks Contractor:	Shadforth's Civil Pty Ltd
Date:	7/08/20

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Form No: W103 – Version 2 (09/07/2020)

Lot Level One Certification

Guidelines on Earthworks for Commercial & Residential Developments – AS3798

Form No: W103 – Version 2 (09/07/2020)

Project:	Riverbank Estate Stage 15B, Morayfield Qld
Lot No:	Lot 1140
Job No:	J19/66
Earthworks Contractor:	Shadforth's Civil Pty Ltd
Date:	7/08/20

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Lot Level One Certification

Guidelines on Earthworks for Commercial & Residential Developments – AS3798 Form No: W103 – Version 2 (09/07/2020)

Project:	Riverbank Estate Stage 15B, Morayfield Qld
Lot No:	Lot 1141
Job No:	J19/66
Earthworks Contractor:	Shadforth's Civil Pty Ltd
Date:	7/08/20

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Lot Level One Certification

Guidelines on Earthworks for Commercial & Residential Developments – AS3798 Form No: W103 – Version 2 (09/07/2020)

Project:	Riverbank Estate Stage 15B, Morayfield Qld
Lot No:	Lot 1142
Job No:	J19/66
Earthworks Contractor:	Shadforth's Civil Pty Ltd
Date:	7/08/20

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Lot Level One Certification

Guidelines on Earthworks for Commercial & Residential Developments – AS3798

Form No: W103 – Version 2 (09/07/2020)

Project:	Riverbank Estate Stage 15B, Morayfield Qld
Lot No:	Lot 1143
Job No:	J19/66
Earthworks Contractor:	Shadforth's Civil Pty Ltd
Date:	7/08/20

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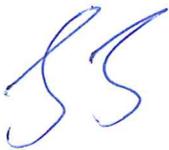
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Lot Level One Certification

Guidelines on Earthworks for Commercial & Residential Developments – AS3798 Form No: W103 – Version 2 (09/07/2020)

Project:	Riverbank Estate Stage 15B, Morayfield Qld
Lot No:	Lot 1144
Job No:	J19/66
Earthworks Contractor:	Shadforth's Civil Pty Ltd
Date:	7/08/20

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Lot Level One Certification

Guidelines on Earthworks for Commercial & Residential Developments – AS3798 Form No: W103 – Version 2 (09/07/2020)

Project:	Riverbank Estate Stage 15B, Morayfield Qld
Lot No:	Lot 1145
Job No:	J19/66
Earthworks Contractor:	Shadforth's Civil Pty Ltd
Date:	7/08/20

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Lot Level One Certification

Guidelines on Earthworks for Commercial & Residential Developments – AS3798

Form No: W103 – Version 2 (09/07/2020)

Project:	Riverbank Estate Stage 15B, Morayfield Qld
Lot No:	Lot 1146
Job No:	J19/66
Earthworks Contractor:	Shadforth's Civil Pty Ltd
Date:	7/08/20

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Wagner Soil Testing

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Certified (Level 1) fill is only an assurance of its density. There are sites where long-term consolidations of fill can occur, unrelated to its actual density. Sites where fill has been placed over inferior material and sites where the depth of controlled fill varies dramatically over short distances are sites where differential consolidations must be considered. Although all Field Densities carried out reached density ratios greater than 95% as required, some material still may have bearing ratios below 100kPa as per AS2870 – Residential Slabs & Footings depending on material composition. Unless otherwise stated, Level 1 Certification does not address any other geotechnical issues which may be relevant to building construction. Trench backfill operations are not covered in this Level 1 Report. Site drainage must be maintained after the issue of this report. Wagner Soil Testing is to be contacted immediately if any site levels are modified whatsoever, especially at the building preparation phase. The “supervision” component of the Level 1 report is not NATA endorsed. A full geotechnical site investigation / classification and foundation design for the specific ground conditions should be carried out by suitably qualified or experienced personnel prior to building. This service can be provided, if required, by contacting Wagner Soil Testing. For further technical support regarding this Geotechnical Report please contact Mr. Jacob Jones of Wagner Soil Testing.

Form No: W103 – Version 2 (09/07/2020)

Lot Level One Certification

Guidelines on Earthworks for Commercial & Residential Developments – AS3798

Form No: W103 – Version 2 (09/07/2020)

Project:	Riverbank Estate Stage 15B, Morayfield Qld
Lot No:	Lot 1147
Job No:	J19/66
Earthworks Contractor:	Shadforth's Civil Pty Ltd
Date:	7/08/20

The results obtained from Compaction Control Testing, together with observations made during earthworks operations indicate that all fill materials were placed in a controlled manner in accordance with good engineering practices. The earthworks have been carried out to meet the requirements of **Level 1 Certification as per AS3798 – “Guidelines on Earthworks for Commercial and Residential Developments”**.



Jacob Jones
Laboratory Manager
Wagner Soil Testing

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Form No: W103 – Version 2 (09/07/2020)

Lot Level One Certification

Guidelines on Earthworks for Commercial & Residential Developments – AS3798 Form No: W103 – Version 2 (09/07/2020)

Project:	Riverbank Estate Stage 15B, Morayfield Qld
Lot No:	Lot 1148
Job No:	J19/66
Earthworks Contractor:	Shadforth's Civil Pty Ltd
Date:	7/08/20

The results obtained from Compaction Control Testing, together with observations made during earthworks operations indicate that all fill materials were placed in a controlled manner in accordance with good engineering practices. The earthworks have been carried out to meet the requirements of **Level 1 Certification as per AS3798 – “Guidelines on Earthworks for Commercial and Residential Developments”**.



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