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## FILL CERTIFICATE

PROJECT: Lot No 211 (as per Drawing No 0250EHL-02A-03)  
Estuary Estate (Stage 2A), Leopold

CLIENT: Winslow Constructors Pty Ltd  
50 Barry Road  
CAMPBELLFIELD VIC 3061

REPORT NO: 10455\_211

DATE: 08/11/10

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### SUMMARY

Civil Geotechnical Services were engaged by Winslow Constructors Pty Ltd to provide inspection and testing services on the earthworks associated with the construction of the Estuary Estate (Stage 2A), Leopold, in a manner which would satisfy the criteria for Level 1 Supervision as specified in Section 8.2 of AS 3798 - Guidelines on Earthworks for Commercial and Residential Developments - 2007. The project was classified as Type 1/2 requiring a minimum density ratio of 95.0% (standard compactive effort) within the area of fill placement.

A site inspection was conducted prior to any fill being placed on the allotments. On the completion of the earthworks and after examining the compaction test results and the materials used, we are of the opinion that the filling procedure conducted by Winslow Constructors Pty Ltd during the construction of the Estate satisfied the requirements of AS 3798 in regard to the placement of fill on a Type 1/2 Project under Level 1 Supervision.

With respect to Lot 211, the depth of fill materials that were placed during the current construction phase (excluding top soiling activities) was less than 0.3 metres. As a consequence of the limited depth of fill materials, field density testing was not considered warranted. However, when classifying the site in accordance with the procedures presented in Section 2 of AS 2870 – Residential Slabs and Footings – Construction (1996), we are of the view that the bulk fill materials that were placed on this Lot by Winslow Constructors Pty Ltd can be considered as being placed in a controlled manner to a minimum density ratio of 95% (standard compactive effort).

### LIMITATIONS

The use of this Certificate is only appropriate for the field conditions present up to 4<sup>th</sup> November 2010.

A handwritten signature in black ink, appearing to read 'Justin Fry'.

Justin Fry



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## FILL CERTIFICATE

PROJECT: Lot No 212 (as per Drawing No 0250EHL-02A-03)  
Estuary Estate (Stage 2A), Leopold

CLIENT: Winslow Constructors Pty Ltd  
50 Barry Road  
CAMPBELLFIELD VIC 3061

REPORT NO: 10455\_212

DATE: 08/11/10

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### SUMMARY

Civil Geotechnical Services were engaged by Winslow Constructors Pty Ltd to provide inspection and testing services on the earthworks associated with the construction of the Estuary Estate (Stage 2A), Leopold, in a manner which would satisfy the criteria for Level 1 Supervision as specified in Section 8.2 of AS 3798 - Guidelines on Earthworks for Commercial and Residential Developments - 2007. The project was classified as Type 1/2 requiring a minimum density ratio of 95.0% (standard compactive effort) within the area of fill placement.

A site inspection was conducted prior to any fill being placed on the allotments. On the completion of the earthworks and after examining the compaction test results and the materials used, we are of the opinion that the filling procedure conducted by Winslow Constructors Pty Ltd during the construction of the Estate satisfied the requirements of AS 3798 in regard to the placement of fill on a Type 1/2 Project under Level 1 Supervision.

With respect to Lot 212, the depth of fill materials that were placed during the current construction phase (excluding top soiling activities) was less than 0.3 metres. As a consequence of the limited depth of fill materials, field density testing was not considered warranted. However, when classifying the site in accordance with the procedures presented in Section 2 of AS 2870 – Residential Slabs and Footings – Construction (1996), we are of the view that the bulk fill materials that were placed on this Lot by Winslow Constructors Pty Ltd can be considered as being placed in a controlled manner to a minimum density ratio of 95% (standard compactive effort).

### LIMITATIONS

The use of this Certificate is only appropriate for the field conditions present up to 4<sup>th</sup> November 2010.

A handwritten signature in black ink, appearing to read 'Justin Fry'.

Justin Fry



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## FILL CERTIFICATE

PROJECT: Lot No 213 (as per Drawing No 0250EHL-02A-03)  
Estuary Estate (Stage 2A), Leopold

CLIENT: Winslow Constructors Pty Ltd  
50 Barry Road  
CAMPBELLFIELD VIC 3061

REPORT NO: 10455\_213

DATE: 08/11/10

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### SUMMARY

Civil Geotechnical Services were engaged by Winslow Constructors Pty Ltd to provide inspection and testing services on the earthworks associated with the construction of the Estuary Estate (Stage 2A), Leopold, in a manner which would satisfy the criteria for Level 1 Supervision as specified in Section 8.2 of AS 3798 - Guidelines on Earthworks for Commercial and Residential Developments - 2007. The project was classified as Type 1/2 requiring a minimum density ratio of 95.0% (standard compactive effort) within the area of fill placement.

A site inspection was conducted prior to any fill being placed on the allotments. On the completion of the earthworks and after examining the compaction test results and the materials used, we are of the opinion that the filling procedure conducted by Winslow Constructors Pty Ltd during the construction of the Estate satisfied the requirements of AS 3798 in regard to the placement of fill on a Type 1/2 Project under Level 1 Supervision.

With respect to Lot 213, the depth of fill materials that were placed during the current construction phase (excluding top soiling activities) was less than 0.3 metres. As a consequence of the limited depth of fill materials, field density testing was not considered warranted. However, when classifying the site in accordance with the procedures presented in Section 2 of AS 2870 – Residential Slabs and Footings – Construction (1996), we are of the view that the bulk fill materials that were placed on this Lot by Winslow Constructors Pty Ltd can be considered as being placed in a controlled manner to a minimum density ratio of 95% (standard compactive effort).

### LIMITATIONS

The use of this Certificate is only appropriate for the field conditions present up to 4<sup>th</sup> November 2010.

A handwritten signature in black ink, appearing to read 'Justin Fry'.

Justin Fry



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## FILL CERTIFICATE

PROJECT: Lot No 214 (as per Drawing No 0250EHL-02A-03)  
Estuary Estate (Stage 2A), Leopold

CLIENT: Winslow Constructors Pty Ltd  
50 Barry Road  
CAMPBELLFIELD VIC 3061

REPORT NO: 10455\_214

DATE: 08/11/10

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### SUMMARY

Civil Geotechnical Services were engaged by Winslow Constructors Pty Ltd to provide inspection and testing services on the earthworks associated with the construction of the Estuary Estate (Stage 2A), Leopold, in a manner which would satisfy the criteria for Level 1 Supervision as specified in Section 8.2 of AS 3798 - Guidelines on Earthworks for Commercial and Residential Developments - 2007. The project was classified as Type 1/2 requiring a minimum density ratio of 95.0% (standard compactive effort) within the area of fill placement.

A site inspection was conducted prior to any fill being placed on the allotments. On the completion of the earthworks and after examining the compaction test results and the materials used, we are of the opinion that the filling procedure conducted by Winslow Constructors Pty Ltd during the construction of the Estate satisfied the requirements of AS 3798 in regard to the placement of fill on a Type 1/2 Project under Level 1 Supervision.

With respect to Lot 214, the depth of fill materials that were placed during the current construction phase (excluding top soiling activities) was less than 0.3 metres. As a consequence of the limited depth of fill materials, field density testing was not considered warranted. However, when classifying the site in accordance with the procedures presented in Section 2 of AS 2870 – Residential Slabs and Footings – Construction (1996), we are of the view that the bulk fill materials that were placed on this Lot by Winslow Constructors Pty Ltd can be considered as being placed in a controlled manner to a minimum density ratio of 95% (standard compactive effort).

### LIMITATIONS

The use of this Certificate is only appropriate for the field conditions present up to 4<sup>th</sup> November 2010.

A handwritten signature in black ink, appearing to read 'Justin Fry'.

Justin Fry



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## FILL CERTIFICATE

PROJECT: Lot No 215 (as per Drawing No 0250EHL-02A-03)  
Estuary Estate (Stage 2A), Leopold

CLIENT: Winslow Constructors Pty Ltd  
50 Barry Road  
CAMPBELLFIELD VIC 3061

REPORT NO: 10455\_215

DATE: 08/11/10

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### SUMMARY

Civil Geotechnical Services were engaged by Winslow Constructors Pty Ltd to provide inspection and testing services on the earthworks associated with the construction of the Estuary Estate (Stage 2A), Leopold, in a manner which would satisfy the criteria for Level 1 Supervision as specified in Section 8.2 of AS 3798 - Guidelines on Earthworks for Commercial and Residential Developments - 2007. The project was classified as Type 1/2 requiring a minimum density ratio of 95.0% (standard compactive effort) within the area of fill placement.

A site inspection was conducted prior to any fill being placed on the allotments. On the completion of the earthworks and after examining the compaction test results and the materials used, we are of the opinion that the filling procedure conducted by Winslow Constructors Pty Ltd during the construction of the Estate satisfied the requirements of AS 3798 in regard to the placement of fill on a Type 1/2 Project under Level 1 Supervision.

With respect to Lot 215, the depth of fill materials that were placed during the current construction phase (excluding top soiling activities) was less than 0.3 metres. As a consequence of the limited depth of fill materials, field density testing was not considered warranted. However, when classifying the site in accordance with the procedures presented in Section 2 of AS 2870 – Residential Slabs and Footings – Construction (1996), we are of the view that the bulk fill materials that were placed on this Lot by Winslow Constructors Pty Ltd can be considered as being placed in a controlled manner to a minimum density ratio of 95% (standard compactive effort).

### LIMITATIONS

The use of this Certificate is only appropriate for the field conditions present up to 4<sup>th</sup> November 2010.

A handwritten signature in black ink, appearing to read 'Justin Fry'.

Justin Fry



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## FILL CERTIFICATE

PROJECT: Lot No 216 (as per Drawing No 0250EHL-02A-03)  
Estuary Estate (Stage 2A), Leopold

CLIENT: Winslow Constructors Pty Ltd  
50 Barry Road  
CAMPBELLFIELD VIC 3061

REPORT NO: 10455\_216

DATE: 08/11/10

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### SUMMARY

Civil Geotechnical Services were engaged by Winslow Constructors Pty Ltd to provide inspection and testing services on the earthworks associated with the construction of the Estuary Estate (Stage 2A), Leopold, in a manner which would satisfy the criteria for Level 1 Supervision as specified in Section 8.2 of AS 3798 - Guidelines on Earthworks for Commercial and Residential Developments - 2007. The project was classified as Type 1/2 requiring a minimum density ratio of 95.0% (standard compactive effort) within the area of fill placement.

A site inspection was conducted prior to any fill being placed on the allotments. On the completion of the earthworks and after examining the compaction test results and the materials used, we are of the opinion that the filling procedure conducted by Winslow Constructors Pty Ltd during the construction of the Estate satisfied the requirements of AS 3798 in regard to the placement of fill on a Type 1/2 Project under Level 1 Supervision.

With respect to Lot 216, the depth of fill materials that were placed during the current construction phase (excluding top soiling activities) was less than 0.3 metres. As a consequence of the limited depth of fill materials, field density testing was not considered warranted. However, when classifying the site in accordance with the procedures presented in Section 2 of AS 2870 – Residential Slabs and Footings – Construction (1996), we are of the view that the bulk fill materials that were placed on this Lot by Winslow Constructors Pty Ltd can be considered as being placed in a controlled manner to a minimum density ratio of 95% (standard compactive effort).

### LIMITATIONS

The use of this Certificate is only appropriate for the field conditions present up to 4<sup>th</sup> November 2010.

A handwritten signature in black ink, appearing to read 'Justin Fry'.

Justin Fry



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## FILL CERTIFICATE

PROJECT: Lot No 217 (as per Drawing No 0250EHL-02A-03)  
Estuary Estate (Stage 2A), Leopold

CLIENT: Winslow Constructors Pty Ltd  
50 Barry Road  
CAMPBELLFIELD VIC 3061

REPORT NO: 10455\_217

DATE: 08/11/10

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### SUMMARY

Civil Geotechnical Services were engaged by Winslow Constructors Pty Ltd to provide inspection and testing services on the earthworks associated with the construction of the Estuary Estate (Stage 2A), Leopold, in a manner which would satisfy the criteria for Level 1 Supervision as specified in Section 8.2 of AS 3798 - Guidelines on Earthworks for Commercial and Residential Developments - 2007. The project was classified as Type 1/2 requiring a minimum density ratio of 95.0% (standard compactive effort) within the area of fill placement.

A site inspection was conducted prior to any fill being placed on the allotments. On the completion of the earthworks and after examining the compaction test results and the materials used, we are of the opinion that the filling procedure conducted by Winslow Constructors Pty Ltd during the construction of the Estate satisfied the requirements of AS 3798 in regard to the placement of fill on a Type 1/2 Project under Level 1 Supervision.

With respect to Lot 217, the depth of fill materials that were placed during the current construction phase (excluding top soiling activities) was less than 0.3 metres. As a consequence of the limited depth of fill materials, field density testing was not considered warranted. However, when classifying the site in accordance with the procedures presented in Section 2 of AS 2870 – Residential Slabs and Footings – Construction (1996), we are of the view that the bulk fill materials that were placed on this Lot by Winslow Constructors Pty Ltd can be considered as being placed in a controlled manner to a minimum density ratio of 95% (standard compactive effort).

### LIMITATIONS

The use of this Certificate is only appropriate for the field conditions present up to 4<sup>th</sup> November 2010.

A handwritten signature in black ink, appearing to read 'Justin Fry'.

Justin Fry





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## FILL CERTIFICATE

PROJECT: Lot No 218 (as per Drawing No 0250EHL-02A-03)  
Estuary Estate (Stage 2A), Leopold

CLIENT: Winslow Constructors Pty Ltd  
50 Barry Road  
CAMPBELLFIELD VIC 3061

REPORT NO: 10455\_218

DATE: 08/11/10

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### SUMMARY

Civil Geotechnical Services were engaged by Winslow Constructors Pty Ltd to provide inspection and testing services on the earthworks associated with the construction of the Estuary Estate (Stage 2A), Leopold, in a manner which would satisfy the criteria for Level 1 Supervision as specified in Section 8.2 of AS 3798 - Guidelines on Earthworks for Commercial and Residential Developments - 2007. The project was classified as Type 1/2 requiring a minimum density ratio of 95.0% (standard compactive effort) within the area of fill placement.

A site inspection was conducted prior to any fill being placed on the allotments. On the completion of the earthworks and after examining the compaction test results and the materials used, we are of the opinion that the filling procedure conducted by Winslow Constructors Pty Ltd during the construction of the Estate satisfied the requirements of AS 3798 in regard to the placement of fill on a Type 1/2 Project under Level 1 Supervision.

With respect to Lot 218, the depth of fill materials that were placed during the current construction phase (excluding top soiling activities) was less than 0.3 metres. As a consequence of the limited depth of fill materials, field density testing was not considered warranted. However, when classifying the site in accordance with the procedures presented in Section 2 of AS 2870 – Residential Slabs and Footings – Construction (1996), we are of the view that the bulk fill materials that were placed on this Lot by Winslow Constructors Pty Ltd can be considered as being placed in a controlled manner to a minimum density ratio of 95% (standard compactive effort).

### LIMITATIONS

The use of this Certificate is only appropriate for the field conditions present up to 4<sup>th</sup> November 2010.

A handwritten signature in black ink, appearing to read 'Justin Fry'.

Justin Fry





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## FILL CERTIFICATE

PROJECT: Lot No 219 (as per Drawing No 0250EHL-02A-03)  
Estuary Estate (Stage 2A), Leopold

CLIENT: Winslow Constructors Pty Ltd  
50 Barry Road  
CAMPBELLFIELD VIC 3061

REPORT NO: 10455\_219

DATE: 08/11/10

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### SUMMARY

Civil Geotechnical Services were engaged by Winslow Constructors Pty Ltd to provide inspection and testing services on the earthworks associated with the construction of the Estuary Estate (Stage 2A), Leopold, in a manner which would satisfy the criteria for Level 1 Supervision as specified in Section 8.2 of AS 3798 - Guidelines on Earthworks for Commercial and Residential Developments - 2007. The project was classified as Type 1/2 requiring a minimum density ratio of 95.0% (standard compactive effort) within the area of fill placement.

A site inspection was conducted prior to any fill being placed on the allotments. On the completion of the earthworks and after examining the compaction test results and the materials used, we are of the opinion that the filling procedure conducted by Winslow Constructors Pty Ltd during the construction of the Estate satisfied the requirements of AS 3798 in regard to the placement of fill on a Type 1/2 Project under Level 1 Supervision.

With respect to Lot 219, the depth of fill materials that were placed during the current construction phase (excluding top soiling activities) was less than 0.3 metres. As a consequence of the limited depth of fill materials, field density testing was not considered warranted. However, when classifying the site in accordance with the procedures presented in Section 2 of AS 2870 – Residential Slabs and Footings – Construction (1996), we are of the view that the bulk fill materials that were placed on this Lot by Winslow Constructors Pty Ltd can be considered as being placed in a controlled manner to a minimum density ratio of 95% (standard compactive effort).

### LIMITATIONS

The use of this Certificate is only appropriate for the field conditions present up to 4<sup>th</sup> November 2010.

A handwritten signature in black ink, appearing to read 'Justin Fry'.

Justin Fry



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## FILL CERTIFICATE

PROJECT: Lot No 220 (as per Drawing No 0250EHL-02A-03)  
Estuary Estate (Stage 2A), Leopold

CLIENT: Winslow Constructors Pty Ltd  
50 Barry Road  
CAMPBELLFIELD VIC 3061

REPORT NO: 10455\_220

DATE: 08/11/10

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### SUMMARY

Civil Geotechnical Services were engaged by Winslow Constructors Pty Ltd to provide inspection and testing services on the earthworks associated with the construction of the Estuary Estate (Stage 2A), Leopold, in a manner which would satisfy the criteria for Level 1 Supervision as specified in Section 8.2 of AS 3798 - Guidelines on Earthworks for Commercial and Residential Developments - 2007. The project was classified as Type 1/2 requiring a minimum density ratio of 95.0% (standard compactive effort) within the area of fill placement.

A site inspection was conducted prior to any fill being placed on the allotments. On the completion of the earthworks and after examining the compaction test results and the materials used, we are of the opinion that the filling procedure conducted by Winslow Constructors Pty Ltd during the construction of the Estate satisfied the requirements of AS 3798 in regard to the placement of fill on a Type 1/2 Project under Level 1 Supervision.

With respect to Lot 220, the depth of fill materials that were placed during the current construction phase (excluding top soiling activities) was less than 0.3 metres. As a consequence of the limited depth of fill materials, field density testing was not considered warranted. However, when classifying the site in accordance with the procedures presented in Section 2 of AS 2870 – Residential Slabs and Footings – Construction (1996), we are of the view that the bulk fill materials that were placed on this Lot by Winslow Constructors Pty Ltd can be considered as being placed in a controlled manner to a minimum density ratio of 95% (standard compactive effort).

### LIMITATIONS

The use of this Certificate is only appropriate for the field conditions present up to 4<sup>th</sup> November 2010.

A handwritten signature in black ink, appearing to read 'Justin Fry'.

Justin Fry



## FILL CERTIFICATE

PROJECT: Lot No 221 (as per Drawing No 0250EHL-02A-03)  
Estuary Estate (Stage 2A), Leopold

CLIENT: Winslow Constructors Pty Ltd  
50 Barry Road  
CAMPBELLFIELD VIC 3061

REPORT NO: 10455\_221

DATE: 08/11/10

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### SUMMARY

Civil Geotechnical Services were engaged by Winslow Constructors Pty Ltd to provide inspection and testing services on the earthworks associated with the construction of the Estuary Estate (Stage 2A), Leopold, in a manner which would satisfy the criteria for Level 1 Supervision as specified in Section 8.2 of AS 3798 - Guidelines on Earthworks for Commercial and Residential Developments - 2007. The project was classified as Type 1/2 requiring a minimum density ratio of 95.0% (standard compactive effort) within the area of fill placement.

A site inspection was conducted prior to any fill being placed on the allotments. On the completion of the earthworks and after examining the compaction test results and the materials used, we are of the opinion that the filling procedure conducted by Winslow Constructors Pty Ltd during the construction of the Estate satisfied the requirements of AS 3798 in regard to the placement of fill on a Type 1/2 Project under Level 1 Supervision.

With respect to Lot 221, the depth of fill materials that were placed during the current construction phase (excluding top soiling activities) was less than 0.3 metres. As a consequence of the limited depth of fill materials, field density testing was not considered warranted. However, when classifying the site in accordance with the procedures presented in Section 2 of AS 2870 – Residential Slabs and Footings – Construction (1996), we are of the view that the bulk fill materials that were placed on this Lot by Winslow Constructors Pty Ltd can be considered as being placed in a controlled manner to a minimum density ratio of 95% (standard compactive effort).

### LIMITATIONS

The use of this Certificate is only appropriate for the field conditions present up to 4<sup>th</sup> November 2010.

A handwritten signature in black ink that reads 'Justin Fry'.

Justin Fry



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## FILL CERTIFICATE

PROJECT: Lot No 222 (as per Drawing No 0250EHL-02A-03)  
Estuary Estate (Stage 2A), Leopold

CLIENT: Winslow Constructors Pty Ltd  
50 Barry Road  
CAMPBELLFIELD VIC 3061

REPORT NO: 10455\_222

DATE: 08/11/10

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### SUMMARY

Civil Geotechnical Services were engaged by Winslow Constructors Pty Ltd to provide inspection and testing services on the earthworks associated with the construction of the Estuary Estate (Stage 2A), Leopold, in a manner which would satisfy the criteria for Level 1 Supervision as specified in Section 8.2 of AS 3798 - Guidelines on Earthworks for Commercial and Residential Developments - 2007. The project was classified as Type 1/2 requiring a minimum density ratio of 95.0% (standard compactive effort) within the area of fill placement.

A site inspection was conducted prior to any fill being placed on the allotments. On the completion of the earthworks and after examining the compaction test results and the materials used, we are of the opinion that the filling procedure conducted by Winslow Constructors Pty Ltd during the construction of the Estate satisfied the requirements of AS 3798 in regard to the placement of fill on a Type 1/2 Project under Level 1 Supervision.

With respect to Lot 222, the depth of fill materials that were placed during the current construction phase (excluding top soiling activities) was less than 0.3 metres. As a consequence of the limited depth of fill materials, field density testing was not considered warranted. However, when classifying the site in accordance with the procedures presented in Section 2 of AS 2870 – Residential Slabs and Footings – Construction (1996), we are of the view that the bulk fill materials that were placed on this Lot by Winslow Constructors Pty Ltd can be considered as being placed in a controlled manner to a minimum density ratio of 95% (standard compactive effort).

### LIMITATIONS

The use of this Certificate is only appropriate for the field conditions present up to 4<sup>th</sup> November 2010.

A handwritten signature in black ink, appearing to read 'Justin Fry'.

Justin Fry



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## FILL CERTIFICATE

PROJECT: Lot No 223 (as per Drawing No 0250EHL-02A-03)  
Estuary Estate (Stage 2A), Leopold

CLIENT: Winslow Constructors Pty Ltd  
50 Barry Road  
CAMPBELLFIELD VIC 3061

REPORT NO: 10455\_223

DATE: 08/11/10

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### SUMMARY

Civil Geotechnical Services were engaged by Winslow Constructors Pty Ltd to provide inspection and testing services on the earthworks associated with the construction of the Estuary Estate (Stage 2A), Leopold, in a manner which would satisfy the criteria for Level 1 Supervision as specified in Section 8.2 of AS 3798 - Guidelines on Earthworks for Commercial and Residential Developments - 2007. The project was classified as Type 1/2 requiring a minimum density ratio of 95.0% (standard compactive effort) within the area of fill placement.

A site inspection was conducted prior to any fill being placed on the allotments. On the completion of the earthworks and after examining the compaction test results and the materials used, we are of the opinion that the filling procedure conducted by Winslow Constructors Pty Ltd during the construction of the Estate satisfied the requirements of AS 3798 in regard to the placement of fill on a Type 1/2 Project under Level 1 Supervision.

With respect to Lot 223, the depth of fill materials that were placed during the current construction phase (excluding top soiling activities) was less than 0.3 metres. As a consequence of the limited depth of fill materials, field density testing was not considered warranted. However, when classifying the site in accordance with the procedures presented in Section 2 of AS 2870 – Residential Slabs and Footings – Construction (1996), we are of the view that the bulk fill materials that were placed on this Lot by Winslow Constructors Pty Ltd can be considered as being placed in a controlled manner to a minimum density ratio of 95% (standard compactive effort).

### LIMITATIONS

The use of this Certificate is only appropriate for the field conditions present up to 4<sup>th</sup> November 2010.

A handwritten signature in black ink, appearing to read 'Justin Fry'.

Justin Fry



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## FILL CERTIFICATE

PROJECT: Lot No 224 (as per Drawing No 0250EHL-02A-03)  
Estuary Estate (Stage 2A), Leopold

CLIENT: Winslow Constructors Pty Ltd  
50 Barry Road  
CAMPBELLFIELD VIC 3061

REPORT NO: 10455\_224

DATE: 08/11/10

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### SUMMARY

Civil Geotechnical Services were engaged by Winslow Constructors Pty Ltd to provide inspection and testing services on the earthworks associated with the construction of the Estuary Estate (Stage 2A), Leopold, in a manner which would satisfy the criteria for Level 1 Supervision as specified in Section 8.2 of AS 3798 - Guidelines on Earthworks for Commercial and Residential Developments - 2007. The project was classified as Type 1/2 requiring a minimum density ratio of 95.0% (standard compactive effort) within the area of fill placement.

A site inspection was conducted prior to any fill being placed on the allotments. On the completion of the earthworks and after examining the compaction test results and the materials used, we are of the opinion that the filling procedure conducted by Winslow Constructors Pty Ltd during the construction of the Estate satisfied the requirements of AS 3798 in regard to the placement of fill on a Type 1/2 Project under Level 1 Supervision.

With respect to Lot 224, the depth of fill materials that were placed during the current construction phase (excluding top soiling activities) was less than 0.3 metres. As a consequence of the limited depth of fill materials, field density testing was not considered warranted. However, when classifying the site in accordance with the procedures presented in Section 2 of AS 2870 – Residential Slabs and Footings – Construction (1996), we are of the view that the bulk fill materials that were placed on this Lot by Winslow Constructors Pty Ltd can be considered as being placed in a controlled manner to a minimum density ratio of 95% (standard compactive effort).

### LIMITATIONS

The use of this Certificate is only appropriate for the field conditions present up to 4<sup>th</sup> November 2010.

A handwritten signature in black ink, appearing to read 'Justin Fry'.

Justin Fry