

## Eleisha Burton

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**From:** Mark Wilson <Mark@costinroe.com.au>  
**Sent:** Friday, 12 November 2021 8:40 AM  
**To:** Nathan Cairney  
**Cc:** Theodore Berney; Andrew Cowan; Shahid Mahfouz; Xavier Cure; Luka Krivacic; Emma William; Salvaggio, Steve  
**Subject:** FW: Eskdale Creek - Final Stormwater Report and Road Designs  
**Attachments:** 16-000661 EASTERN CREEK WAE Version 09 portion A 20210304.pdf; 16-000661 EASTERN CREEK WAE Version 09 portion A 20210316 sheet 504 Rev 08.pdf

Nathan and All,  
Refer culvert WAE from Council.

Best Regards,

**Mark Wilson**  
Director



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**From:** Georg Eberl <Georg.Eberl@blacktown.nsw.gov.au>  
**Sent:** Friday, 12 November 2021 8:56 AM  
**To:** Mark Wilson <Mark@costinroe.com.au>  
**Subject:** FW: Eskdale Creek - Final Stormwater Report and Road Designs

Hi Mark,  
See attached WAE info for main culvert and notes on which stubs have been constructed.

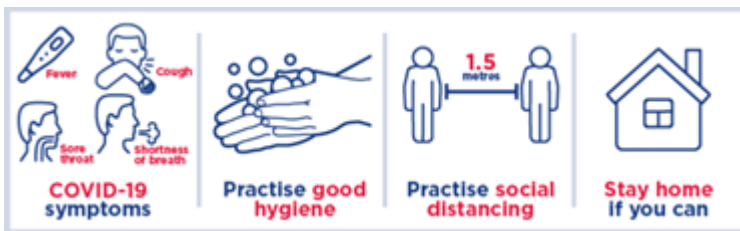
Regards



**Georg Eberl**  
**Engineer Design**

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---

**From:** Lee Toscan  
**Sent:** Thursday, 11 November 2021 10:57 AM  
**To:** Georg Eberl <Georg.Eberl@blacktown.nsw.gov.au>; Martin Smith <Martin.Smith@blacktown.nsw.gov.au>  
**Subject:** RE: Eskdale Creek - Final Stormwater Report and Road Designs

Hi Georg,

Please see attached WAE plans for the culverts (I have newer updated WAE plans including the basin however they are 85MB – too big to send, if required let me know and I can get you the Trim link). Regardless see attached WAE's – they had to resubmit the sheet 504 plan as they hadn't included what stubs were constructed on the original submission.

For simplicity the stub at pit 10/3 and Stub B were constructed as per the plans with marine board to block them off, the stub from pit 10/2 wasn't constructed due to the original design being way off (no one actually checked on site but the existing culverts on the plan didn't finish anywhere near where they were indicated – was then cast insitu which fell apart when excavating in the general vicinity. Basically I reworked it to suit out on site. Any questions/concerns feel free to give me a buzz,

Many thanks LT



**Lee Toscan**  
**Engineer Asset Construction (Section 94)**

0409 058 385

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**From:** Georg Eberl

**Sent:** Thursday, 11 November 2021 10:21 AM

**To:** Lee Toscan <[Lee.Toscan@blacktown.nsw.gov.au](mailto:Lee.Toscan@blacktown.nsw.gov.au)>; Martin Smith <[Martin.Smith@blacktown.nsw.gov.au](mailto:Martin.Smith@blacktown.nsw.gov.au)>

**Subject:** FW: Eskdale Creek - Final Stormwater Report and Road Designs

Hi Lee, & Martin

Do we have WAE plans for the Jacfin culvert associated with the VPA yet. If so have the stubs in the pits on the north side been installed?

Regards



**Georg Eberl**

**Engineer Design**

9839 6382

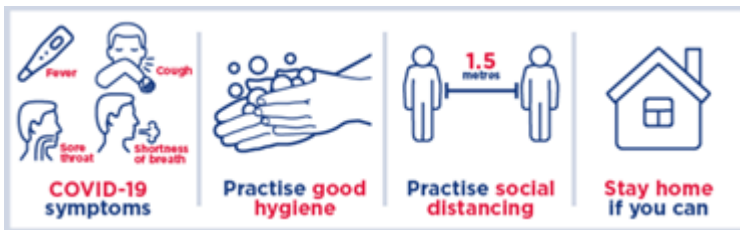
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**From:** Mark Wilson <[Mark@costinroe.com.au](mailto:Mark@costinroe.com.au)>

**Sent:** Wednesday, 10 November 2021 6:59 PM

**To:** Georg Eberl <[Georg.Eberl@blacktown.nsw.gov.au](mailto:Georg.Eberl@blacktown.nsw.gov.au)>

**Cc:** Tony Merrilees <[Tony.Merrilees@blacktown.nsw.gov.au](mailto:Tony.Merrilees@blacktown.nsw.gov.au)>; Nathan Cairney <[ncairney@tacticalgroup.com.au](mailto:ncairney@tacticalgroup.com.au)>

**Subject:** RE: Eskdale Creek - Final Stormwater Report and Road Designs

Thanks Georg,  
Much appreciated. We'll see if we can get anything further from Jacfin, however so far they have not been forthcoming with any information.

On your point re connecting all runoff from the site to Stub B. This will be difficult as there are a few pinch points between the building and culverts.

I'd understood there are two other connection points to the culvert available, in addition to Stub B (2x 1200mm RCP per the drawings and previous discussions) provisioned for this site. Also allowance of some runoff from the site (following it's own treatment system) had been provisioned for in the sizing of the bio-retentions, similar to all the other developments sites in Eastern Creek Drive. Is this not correct?

Our preference would be to discharge approximately 45% of the site to Stub B, and 55% to the 1200mm pipe stub midway along the culvert system.

**Best Regards,**

**Mark Wilson**  
**Director**



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**From:** Georg Eberl <[Georg.Eberl@blacktown.nsw.gov.au](mailto:Georg.Eberl@blacktown.nsw.gov.au)>

**Sent:** Wednesday, 10 November 2021 5:40 PM

**To:** Mark Wilson <[Mark@costinroe.com.au](mailto:Mark@costinroe.com.au)>

**Cc:** Tony Merrilees <[Tony.Merrilees@blacktown.nsw.gov.au](mailto:Tony.Merrilees@blacktown.nsw.gov.au)>; Nathan Cairney <[ncairney@tacticalgroup.com.au](mailto:ncairney@tacticalgroup.com.au)>

**Subject:** RE: Eskdale Creek - Final Stormwater Report and Road Designs

Hi Mark,  
Apologies for the delay. Attached are the design plans for the basin.

The design intent is for your site to not connect to the trunk drainage culvert but bypass it and connect to stub B. We don't need the runoff from your site going to the bioretention systems.

I haven't been able to quickly locate the Hydraulic modelling for the trunk culvert. Please liaise with client to obtain models through Jacfin from Calibre.

For the proposed road design, this is subject of a DA at present so again seek information through Jacfin as they may be able to arrange 3D design files

Regards



**Georg Eberl**  
**Engineer Design**

9839 6382

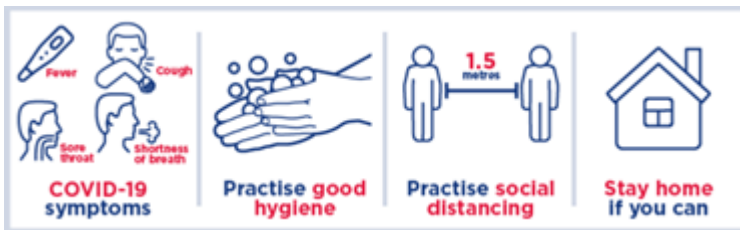
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**From:** Mark Wilson <[Mark@costinroe.com.au](mailto:Mark@costinroe.com.au)>

**Sent:** Wednesday, 10 November 2021 4:06 PM

**To:** Georg Eberl <[Georg.Eberl@blacktown.nsw.gov.au](mailto:Georg.Eberl@blacktown.nsw.gov.au)>

**Cc:** Tony Merrilees <[Tony.Merrilees@blacktown.nsw.gov.au](mailto:Tony.Merrilees@blacktown.nsw.gov.au)>; Nathan Cairney <[ncairney@tacticalgroup.com.au](mailto:ncairney@tacticalgroup.com.au)>

**Subject:** RE: Eskdale Creek - Final Stormwater Report and Road Designs

**Importance:** High

Georg,

Hope you are well – further to below, please note the project is now in pre-SSDA consultation phase. SEARs have been issued (SSD-30923027 as attached) and a pre-application meeting scheduled with Council on 19 November 2021. It would be very useful to have the information requested below prior to the meeting.

Thanking you in advance.

**Best Regards,**

**Mark Wilson**  
**Director**



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**From:** Mark Wilson <[Mark@costinroe.com.au](mailto:Mark@costinroe.com.au)>  
**Sent:** Wednesday, 3 November 2021 2:40 PM  
**To:** Georg Eberl <[Georg.Eberl@blacktown.nsw.gov.au](mailto:Georg.Eberl@blacktown.nsw.gov.au)>  
**Cc:** Tony Merrilees <[Tony.Merrilees@blacktown.nsw.gov.au](mailto:Tony.Merrilees@blacktown.nsw.gov.au)>  
**Subject:** RE: Eskdale Creek - Final Stormwater Report and Road Designs

Georg,  
Just following up the below, were you able to provide the requested information?

**Best Regards,**

**Mark Wilson**  
**Director**



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**From:** Mark Wilson  
**Sent:** Tuesday, 26 October 2021 7:15 PM  
**To:** 'Georg Eberl' <[Georg.Eberl@blacktown.nsw.gov.au](mailto:Georg.Eberl@blacktown.nsw.gov.au)>  
**Cc:** 'David Yeomans' <[David.Yeomans@blacktown.nsw.gov.au](mailto:David.Yeomans@blacktown.nsw.gov.au)>; 'Tony Merrilees' <[Tony.Merrilees@blacktown.nsw.gov.au](mailto:Tony.Merrilees@blacktown.nsw.gov.au)>  
**Subject:** RE: Eskdale Creek - Final Stormwater Report and Road Designs

Georg,  
Apology further to the below, to confirm the applicant/ our client is Charter Hall.

---

**From:** Mark Wilson  
**Sent:** Tuesday, 26 October 2021 6:35 PM  
**To:** 'Georg Eberl' <[Georg.Eberl@blacktown.nsw.gov.au](mailto:Georg.Eberl@blacktown.nsw.gov.au)>  
**Cc:** David Yeomans <[David.Yeomans@blacktown.nsw.gov.au](mailto:David.Yeomans@blacktown.nsw.gov.au)>; Tony Merrilees <[Tony.Merrilees@blacktown.nsw.gov.au](mailto:Tony.Merrilees@blacktown.nsw.gov.au)>  
**Subject:** RE: Eskdale Creek - Final Stormwater Report and Road Designs

Evening Georg,  
See below for the site location, this is the parcel of land between Jaycar and the regional basin.

A pre-DA was held in March this year but project went on hold until now. I have attached the document to assist.

Also, if there are any Drains models available this would be useful.

Thanks again for assisting.



---

**From:** Georg Eberl <[Georg.Eberl@blacktown.nsw.gov.au](mailto:Georg.Eberl@blacktown.nsw.gov.au)>

**Sent:** Tuesday, 26 October 2021 6:06 PM

**To:** Mark Wilson <[Mark@costinroe.com.au](mailto:Mark@costinroe.com.au)>; Tony Merrilees <[Tony.Merrilees@blacktown.nsw.gov.au](mailto:Tony.Merrilees@blacktown.nsw.gov.au)>

**Cc:** David Yeomans <[David.Yeomans@blacktown.nsw.gov.au](mailto:David.Yeomans@blacktown.nsw.gov.au)>

**Subject:** RE: Eskdale Creek - Final Stormwater Report and Road Designs

Hi Mark,.

Can you provide the site and who you are working for if possible thanks. Has there been a Pre Application Meeting for this project yet?

Hi Dave,

No need for you to action as this is not your area.

Regards



**Georg Eberl**  
**Engineer Design**

9839 6382

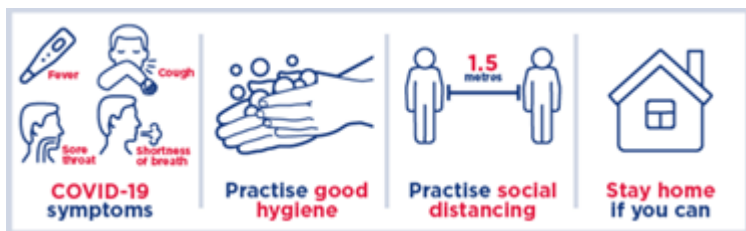
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**From:** Mark Wilson <[Mark@costinroe.com.au](mailto:Mark@costinroe.com.au)>

**Sent:** Monday, 25 October 2021 5:38 PM

**To:** Tony Merrilees <[Tony.Merrilees@blacktown.nsw.gov.au](mailto:Tony.Merrilees@blacktown.nsw.gov.au)>; Georg Eberl <[Georg.Eberl@blacktown.nsw.gov.au](mailto:Georg.Eberl@blacktown.nsw.gov.au)>

**Cc:** David Yeomans <[David.Yeomans@blacktown.nsw.gov.au](mailto:David.Yeomans@blacktown.nsw.gov.au)>

**Subject:** Eskdale Creek - Final Stormwater Report and Road Designs

Gents,

I am hoping you are able to help with some information at Eastern Creek.

We are working through the designs for development of a site adjacent to the Eskdale Creek Basin and are trying to obtain the Stage 2 Stormwater Management Report for the basin and culverts from Eastern Creek, and the road designs for the Honeycomb Road extension. Are you able to help with this?

**Best Regards,**

**Mark Wilson**  
Director



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