



Your ref: SSD 17352813  
File no: MC-21-00001

16 November 2021

NSW Department of Planning, Industry and Environment  
GPO Box 39  
SYDNEY NSW 2001

Recipient Delivery David.Koppers@planning.nsw.gov.au

**Attention: Mr Koppers**

Dear Mr Koppers

**SSD 17352813– Huntingwood Processing Facility Expansion – 65  
Huntingwood Drive, Huntingwood**

Thank you for your correspondence dated 15 October 2021 requesting our advice for the above matter.

We have reviewed the proposal and we object to it until our issues listed in the attachment to this letter have all been addressed.

We request that the information responding to these issues be referred back to us for consideration and the nomination of conditions, before any final determination of this application is made by the Department.

If you would like to discuss this matter further, please contact Judith Portelli, our Manager Development Assessment, on 9839 6228.

Yours faithfully

Peter Conroy  
Director City Planning and Development

**Connect - Create - Celebrate**

Council Chambers - 62 Flushcombe Road - Blacktown NSW 2148

Telephone: (02) 9839 6000 - DX 8117 Blacktown

Email: council@blacktown.nsw.gov.au - Website: www.blacktown.nsw.gov.au

All correspondence to: The Chief Executive Officer - PO Box 63 - Blacktown NSW 2148

# **Blacktown Council's submission to SSD 17352813 – Huntingwood Processing Facility Expansion**

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## **1. Drainage Engineering Issues**

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### **On-site Stormwater Detention**

- a. Provide an On-Site Detention catchment plan of the existing On-Site Detention and the proposed On-Site Detention catchment. Considering the existing primary On-Site Detention is to be demolished the pre to post catchment should match. While the areas have been clearly stated in the integrated water report there is no catchment plan associated with this. The report and plans currently do not match and has to be fixed.
- b. The On-Site Detention is to apply to all the development. Any bypass is to be clearly hatched and areas stated. Provide a separate On-Site Detention catchment plan, separate to the water quality catchment plan. Rename plans to suit.
- c. The On-Site Detention calculation spreadsheet require that the 'obvert of pit outlet pipe' be 55.95 and not 55.23 based on a 1050mm pipe. This will result in slight orifice drowning. Review the spreadsheet.
- d. The base of On-Site Detention can be 1% slope minimum to assist in achieving volumes.
- e. Ancillary buildings and all buildings such as processing building (BLDG), storage shed, silo 1 and 2 etc must be included for On-Site detention of stormwater.
  - If new buildings (ancillary) are built over existing impervious areas and are discharging to existing ancillary On-Site Detention systems that are not demolished then they can maintain status quo provided that proof of existing ancillary On-Site Detention is supplied to Council in the form of a report and survey with drainage lines verified to lead to existing On-Site Detention.
  - Where On-Site Detention does not exist or does not cater for the extra development then On-Site Detention applies.
  - Where new buildings are proposed over pervious areas then compensatory On-Site Detention volumes will apply as a pre to post development model would have applied at the time of constructing the site.
- f. Provide details of the first flush pit (this is to be sealed)
- g. Uncovered (no roof above) On-Site Detention area is to be considered bypass for water quality.

### **Water Quality**

- a. Water Quality applies to all the development including ancillary buildings such as 'processing building (BLDG)', storage shed, Silo 1 and 2. This is independent of On-Site Detention requirements. Further details are to be provided regarding water quality for the aforementioned buildings.

- b. It appears that on Dwg. DA4301 ancillary catchment (1790 + 313m2) are unaccounted for. These are to be either treated or considered as bypass for Water Quality. Confirm water quality approach regarding the ancillary catchment (1790 + 313m2) as shown on Dwg. DA4301.
- c. Model for Urban Stormwater Improvement Conceptualisation 'X' is not yet supported and a standard Model for Urban Stormwater Improvement Conceptualisation model is to be submitted.
- d. Ensure Model for Urban Stormwater Improvement Conceptualisation model matches the plans in terms of names, abbreviations, areas and land use.
- e. Label each sub-catchment on Dwg. DA4301 i.e. on top of the hatchings for ease of identification.
- f. Provide information on the total catchment area for 'SF1, SF2, bypass for water quality.
- g. Jellyfish calculations, detailed drawings, levels and splitter pits are to be provided to as per the Water sensitive urban design developer handbook chapter 12.13.
- h. All pits with OceanGuards are to be clearly noted on the plan.

#### **Submission**

- a. Submit amended plans, Model for Urban Stormwater Improvement Conceptualisation (standard) model and updated Integrated water management report.