CUTTING CONTAMINATED SOIL DISPOSAL COSTS BY OVER $70,000.

CASE STUDY

100% UPTIME ACHIEVED

0 BREAKDOWN EVENTS

$70K+ DISPOSAL COST SAVING



Project: Talbot Crescent Habitat Park

Industry: Landscaping / Open Space Infrastructure

Location: Toorak, Victoria

Project Scope: Supplying a specialist screening attachment to process contaminated excavated material on-site, reducing disposal costs while maintaining project delivery.

THE **PROBLEM**

During works at Talbot Crescent Habitat Park, approximately 400 tonnes of excavated material was classified as Category B contaminated soil, with disposal costs of around $360 per tonne.

Disposing of the material at this classification would have cost the project approximately $140,000, placing significant pressure on the council's budget.

A standard hire solution wasn't suitable. The project required a specialist screening bucket capable of processing the material on site, avoiding the need for a larger screening plant and its associated mobilisation costs.

Without the right attachment, the project faced significant disposal costs and unnecessary budget overruns.





THE **SOLUTION**

Focus Machinery supplied an ALLU DN2-12 Screening Bucket fitted with TS16 blades, producing a 0–25 mm output size, and commissioned the attachment onto the client's Cat 320 excavator.

The package included:

- ALLU DN2-12 screening bucket
- TS16 blade configuration
- 0–25 mm screening output
- On-site commissioning

By transforming the existing excavator into a mobile screening solution, the project avoided the cost and mobilisation of a dedicated screening plant while processing material directly on site.

THE **RESULTS**

The specialist attachment package significantly reduced disposal costs while maintaining reliable performance throughout the hire.

Project Outcomes:

- Estimated disposal savings exceeding $70,000
- 100% uptime achieved
- Zero breakdown events
- No compliance incidents recorded
- Our client indicated the disposal savings far outweighed the hire cost and they would use the solution again on future projects.

By engineering the right attachment configuration rather than supplying additional plant, Focus Machinery helped the contractor reduce contaminated soil disposal costs while delivering a simpler, more cost-effective solution.

Compliance | Performance | Reliability | Certainty

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