

Improved Landfill Management

Improved Environmental Management

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Dust control

- Dust from vehicles tracking on dry roads



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Dust from dry daily cover



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Dust suppression on haul road

- Water
- Polymers



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Dust suppression on haul road



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Litter



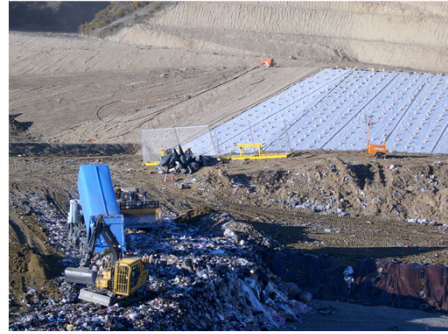
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Litter fencing



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Moveable litter fencing



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Litter fence – Ravenhall Quarry landfill, VIC



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Litter control fencing at Eastern Creek



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Mobile wind monitor for litter control



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Dust and odour management

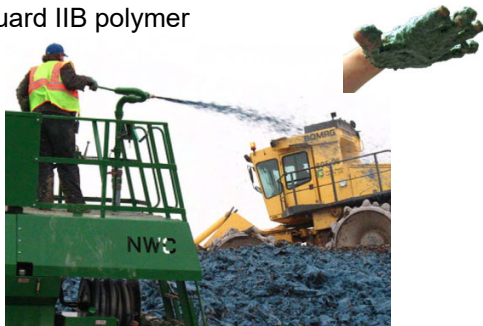
- Dust and odour suppression with a flexible dry fog odour absorption system Eastern Creek



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Odour control

- ProGuard IIB polymer



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Run-on/stormwater diversion around site



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Brick and mulch check dams



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Stormwater management pond



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Access road - recycled C&D waste



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Sealed access road



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Rill erosion on exposed batter



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Erosion control on batter



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Sediment controls on access road



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Pressure washing truck tyres prevents tracking dirt off-site



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Wheel wash bath

- Cardup landfill, WA



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Reuse of C&D waste for stormwater pond inlet protection



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Scavenging birds on landfill

- Gas gun drive bird scarer
- Smaller exposed face and improved cover practices



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Landfill fire prevention – temperature gun monitoring



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Greenwaste composting – note heat



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Greenwaste steaming



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Smoldering waste Millers Road waste storage and processing facility



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Smoldering waste Millers Road waste storage and processing facility

- Waste stockpiled at Millers Road Waste Storage and processing facility Chester Hill, NSW on fire - March 2014
- NSW EPA revoked the licence for this facility in December 2013 as the operators went into liquidation and the facility was subsequently managed by an administrator

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Bushfire hazard at landfill

- Landfill site at Copping TAS after bushfires early in 2013



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Landfill fire – Lakes Creek landfill, Rockhampton, QLD



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Landfill cell fire



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Landfill fire – Iowa, USA



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Landfill fire – Vancouver, Canada



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Landfill fire – burning tyres



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Landfill fire – smoke from burning tyres

- Shredded tyres now more common in landfills due to export restrictions for whole tyres



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Poor landfill gas collection adds to fire risk



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Temporary closure following landfill fire



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Fire hydrant on landfill – well protected



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Landfill fire extinguishing

- Carbon dioxide or nitrogen used



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