

Brooklyn Operational Update

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Stakeholder and Community Engagement





TPI MARKET ROAD
LANDFILL

FILSTON
HOGAN SITE
(LEASED
FROM TPI)

TPI OLD GEELONG
ROAD LANDFILL

CITY CIRCLE
RECYCLING
(LEASED
FROM TPI)

MARKET ROAD

FILSTON ROAD

CITY CIRCLE ROAD

OLD GEELONG ROAD



- 3m wide easement on TPI land between Bunting Rd and Jones Rd
- TPI is open to suggestions / options put forward by BCC and BRAG



- Easement provides access to MB1 monitoring bore
- Groundwater samples analysed every six months to monitor groundwater quality in and around the Landfill
- Sample data reviewed by an Environmental Auditor and reported annually to the EPA.

Old Geelong Road

Resource Recovery and Waste Disposal Facility

- > Disposal, recovery and recycling of:
 - Residential hard waste
 - Commercial and industrial waste
 - Hard greens
 - Organics Transfer (trial to commence Sep or Oct 2014)

- > Closed Landfill (ceased in 2010)



Organics Transfer Trial...landfill diversion initiative

- > Delivery of approx. 20 tonnes of clean food waste per day from commercial customers
- > Stored for approx. 6 hours in concrete bins with mulch layers applied
- > **NO overnight storage** (transported offsite for composting)
- > Trial to run between 12 – 24 months

DID YOU KNOW?..... Currently 40 – 50% of landfill waste is food waste!
(Environment Victoria website)



Activity areas



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Organics...Operational facts ...

Truck loads

- Up to 4 truck loads per day, carrying approx. 5-8 tonnes each
- Approx 15 to 20 tonnes per day in total delivered to the site

Deliveries

- Deliveries from 7:30am to 1pm - Monday to Thursday.
- Organics to be consolidated into a single load by early afternoon and transported offsite (max on-site storage is approx six hours)

Environmental management

- All waste transported offsite the same day as received.
- Material to be combined with green waste and mulch.
- Mobile odour neutraliser spray system on standby as an extra pre-caution and warmer weather.



Staged Rehabilitation of Closed Landfill at Old Geelong Road

Stages 1, 2, 3 = top soiled and seeded
Stage 4 = 50% complete, balance in Sept 2014



Progress of Landfill Rehabilitation....



- > Stages 1, 2 and 3 fully rehabilitated with plush grass
- > Stage 4 to be completed Sept 2014

Market Road – landfill closed 2012


- > Rehabilitation planned late 2014:
 - establishment of final grades
 - construction of cap
 - top soiling and seeding
- > Sub-surface hot spot detected in 2013:
 - Ongoing monitoring conducted by MFB / EPA
- > Aftercare monitoring and maintenance will continue for up to 30 years



Remediation Remedies

Site improvements at Old Geelong Road

- > Significant asphaltting works completed



\$300K spent so far...more works planned

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Asphalting of high traffic operational areas

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Remediation Remedies

Road surface / dust management

- > Traffic speeds limited to 15km/h
- > Internal and main access roads regularly sprayed with water
- > Regular use of street sweeper
- > Ongoing inspection and monitoring



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Remediation Remedies

Litter

- > New litter fences to be erected September 2014
- > Stray litter collected by staff



Connecting with Community

Hotline - 1800 213 753

- > Operator assisted 24/7
- > All calls recorded and investigated
- > 24 hour response time



Community Newsletter – 2nd issue

- > Provides operational update
- > Community engagement program
- > Contact details



Coming soon.... Community Information Centre

Existing building to be fitted out



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Supporting community initiatives

- > Over 3000m³ of mulch donated to FOLKC since 2012 for rehabilitation projects across Brooklyn



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Regeneration of Kororoit Creek

- > **Community Planting Day – 17 August – 10am to noon (lunch provided)**
- > x500 indigenous trees/ shrubs to remediate the western side
- > Trial will assist to refine planting for the balance of the landscaping area
- > Remainder of embankment to be planted in Autumn **August 2015**
- > Restoring vegetation and fauna habitat along the Kororoit Creek



THANK YOU

FOR YOUR TIME

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