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# Our Plan- To cut our waste to landfill by half by 2020

EIANZ Waste Futures Forum — July 2011

**Toward**   
Tomorrow's Queensland

 **Queensland**  
Government

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## Today's session

- The levy – how will it work
- DERM expectations
  - What?
  - When?
  - How?

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## The levy – rationale

- Price signal
  - waste avoidance
  - resource recovery
  - industry investment
- Funding to improve waste management
- Discourage interstate waste ‘dumping’ in Queensland

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## The levy—how much?

Waste levy based on Class Code	\$ per tonne
Commercial and industrial waste	35
Construction and demolition waste	35
Contaminated and acid sulphate soils	35
Lower hazard regulated waste	50
Higher hazard regulated waste	150
Municipal solid waste	0

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## The levy—where?

- 34 local government authorities
- 99% of the population
- 99% of Queensland's waste
- Excludes Cherbourg, Woorabinda and Yarrabah

Levy Zone and Local Government Boundaries

• Towns  
□ Local Government Boundaries  
■ Levy Zone



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## The levy—how does it work?

- Applied per tonne (or part thereof) of waste delivered for disposal at a levyable waste disposal site
- Applied to C&I, C&D and regulated wastes
- Does not apply to exempt wastes
- Facility operator to pay the levy to DERM
- Self-assessment model in arrears
- Operator can adjust gate fee to cover levy liability. *Pricing at the gate is a commercial decision.*

Example: increased gate fee for mixed loads and lower gate fees for recyclable loads.

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## The levy—exemptions and concessions

- Exemptions, such as
  - Disaster management wastes
  - Asbestos and quarantine wastes
  - Illegally dumped waste and litter collected
  - On-site waste management (eg. red mud, fly ash)
- Concessions
  - 50% reduction on waste from resource recovery activities
  - Extensions of time to remit levy and supply of data
  - Instalment agreements
  - Resource Recovery Areas
  - Transitional provisions

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## Levyable Waste Disposal Site > 5,000 t

### Rules:

- Monthly summary return from 1 December 2011 reporting period – (via an online web based reporting system)
- Monthly levy remittance from 1 December 2011 reporting period
- Monthly detailed data
- Volumetric survey up front and at 12 month intervals

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## Levyable Waste Disposal Site < 5,000t but >2,000t Rules:

- Monthly return from 1 December reporting period
- Online web based reporting system
- Volumetric survey up front and at 12 month intervals
- Transitional provisions to 30 June 2014-
  - No monthly detailed data to be submitted
  - Local government to calculate the amount of levyable waste received and report
- After transition period?

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## Levyable Waste Disposal Site < 2,000 t Rules:

- Transitional provisions to 30 June 2014
  - Summary returns in arrears based on LG methodology
  - Return from 1 December - reporting periods of 1 December 2011-30 June 2012, and then financial year based
  - Local government to calculate the amount of levyable waste received and report
  - No detailed data to be submitted
  - No volumetric surveys required
- After transition period?
- Online web based reporting
- Volumetric survey up front



## DATA - what will be required?

- Phase One: Data for levy collection
  - summary data
  - detailed data
- Phase Two: Data for improved decision making
  - data from recyclers, composters, etc
- Purpose of the data collected (compliance, State and national reporting, program funding, etc)



## What is detailed data?

Detailed data may include:

- date, transaction number
- gross, tare, net weight
- waste stream, waste class, waste type
- rego number
- waste tracking certificate number
- levy exemption number
- waste facility site
- source and destination

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## What if there is no weighbridge?

- Facilities over 5,000 tonnes/annum – to record all loads
- Deeming/load factor – based on vehicle and waste types
- Landfill volumetric surveys
- Infrastructure adjustment program – to be ‘levy ready’

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## What are the proposed deeming factors?

- Where weighbridges are not available or inoperable
- Replaces the need for a measured weight
- Developed in partnership with LGAQ and waste industry.

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## Deemed weight – load factors

Payload factor table										
GVM - Gross Vehicle Mass or GCM - Gross Combination Mass (tonnes)										
Vehicle class	<4.5	>4.5 <10.0	>10.0 <16.0	>16.0 <23.5	>23.5 <28.0	>28.0 <40.0	>40.0 <43.5	>43.5 <51.0	>51.0 <65.0	>65.0
<b>Commercial vehicles:</b>										
Truck with trailer/dog - C&I, veg, MSW, C&D, Soils				8.00	12.00	21.00	24.75	30.50	41.00	
Trucks (Rigid) - C&I, veg, MSW	0.75	1.75	3.25	5.00	8.75	12.50				
Trucks (Rigid) - C&D, soils	1.25	3.75	7.00	11.00	13.75	19.75				
Trucks (Rigid) with skips and bins - C&I, veg, C&D, soils	1.00	1.75	3.00	4.50	5.50	7.75				
<b>Compactors - C&amp;I and MSW</b>		1.00	2.25	5.25	9.50	13.25				
<b>Regulated wastes</b>	Payload factors for Regulated Wastes are the same as for equivalent vehicles carrying C&I waste									
<b>Small vehicles:</b>	<b>Vehicle only</b>	<b>Vehicle with trailer</b>								
Car	0.05	0.25								
Station wagon	0.05	0.25								
Van, ute, trailer	0.20	0.40								



## What is summary data?

Summary data may include:

- levyable waste by stream delivered
- levyable waste direct to landfill
- residuals from stockpile to landfill
- exempt waste
- resources exported off-site
- levy payable (automatically calculated by system)
- adjustments



Summary  
return  
template p1  
(draft only)

**Summary Return: Mason Valley Regional Council - 6547984** Levy Period: March 2011

Mason Valley Landfill – Georges St  
Summary activity details are required for this site for each and every levy period

Site Selection:

- Mason Valley Land...
- Mason Valley dum...
- Riggs rd Landfill
- Hamptons Hole
- Inside Zone
- Outside Zone

**Incoming Materials**

	Tonnes Received	Tonnes to Landfill
Municipal Solid Waste	<input type="text"/>	<input type="text"/>
Commercial and Industrial	<input type="text"/>	<input type="text"/>
Construction and Demolition	<input type="text"/>	<input type="text"/>
High Hazard materials	<input type="text"/>	<input type="text"/>
Low Hazard materials	<input type="text"/>	<input type="text"/>
Exempt materials	<input type="text"/>	<input type="text"/>
<b>TOTAL</b>	<input type="text"/>	<input type="text"/>

**Stockpile Movements**

	Tonnes
High Hazard Waste Stockpile to Landfill	<input type="text"/>
Low Hazard Waste Stockpile to Landfill	<input type="text"/>
General Stockpile to Landfill	<input type="text"/>
Exported Off-Site	<input type="text"/>
<b>TOTAL</b>	<input type="text"/>

**Green Waste**

	Tonnes
Green Waste to Landfill	<input type="text"/>
<b>TOTAL</b>	<input type="text"/>

Total Levy

Alternately, if there has been no activity at this Site for this period please tick here:

Cancel Next>



Summary  
return  
template p2  
(draft only)

Summary Return: **Mason Valley Regional Council - 6547984**

Levy Period: March 2011

Site Selection:

- Mason Valley Landf..
- Mason Valley dump
- Riggs rd Landfill
- Hamptons Hole
- Inside Zone
- Outside Zone

Total Levy

**Total Levy**

Total Levy for the period March 2011 **\$122,702.00**

**Levy Summary by Site**

Mason Valley Landfill  
Total Levy: \$35,300.00

Mason Valley Dump  
Total Levy: \$14,280.00

Riggs rd Landfill  
Total Levy: \$27,562.00

Hamptons Hole  
Total Levy: \$45,560.00

Existing Stockpile	Stockpile Additions	Stockpile to Landfill	Total removed from Site	Stockpile Value
10,000.00	10,000.00	1,500.00	847.00	11,562.00
\$325,000.00	\$325,000.00	\$3,500.00	\$25,606.00	\$337,000.00

**Declaration**

I, James Daniels, declare that the information provided in this summary return has been compiled to the best of my ability as required by the Waste Reform and Recycling Bill 2011



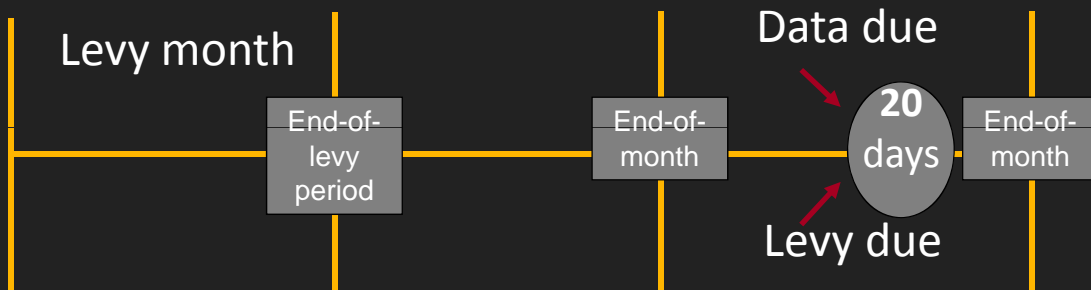
Cancel

Submit



## When is data and levy due?

- Summary Data – within **20 days** after the month of the end of levy period
- Detailed Data – within **20 days** after the month of the end of levy period
- The levy – within **20 days** after the month of the end of levy period



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## How will the information be received?

- Summary return – online
- Levy payment – cheque or EFT
- Detailed data:
  - Phase 1 by email or CD until March 2012, on line from April 2012
  - Phase 2 on online (subject to confirmation)

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## How can the site operator be levy compliant?

Comply with provisions of the Act:

- submit summary return
- submit detailed data
- remit the levy
- keep all required records
- apply appropriate deeming procedures
- operate and maintain a weighbridge

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## What if a site is not levy compliant?

Penalties and other enforcement tools:

- exclusion from WARE funding
- interest (20%) applies to unpaid amount after the due date
- high penalties for levy evasion
- adjustment of the levy amount by the chief executive
- debt recoverable in court
- penalty infringement notices
- show cause and enforcement notices

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## Is there anything you still need to know?

- Talk to DERM staff
- Email [WasteComms@derm.qld.gov.au](mailto:WasteComms@derm.qld.gov.au) for regular updates

Thank you for your time