

HIGHBURY LANDFILL AUTHORITY

ANNUAL REPORT 2020/2021

GOVERNANCE AND ADMINISTRATION

BOARD MEMBERS

BURNSIDE

Mr. Chris Cowley
(Board Member)

NORWOOD, PAYNEHAM & ST PETERS

Cr John Minney
(Board Member
and Chair)

WALKERVILLE

Mr. Ben Clark
(Board Member)

INDEPENDENT MEMBER— AUDIT COMMITTEE

Corinne Garret

There were no changes to the Board or Audit Committee of the Highbury Landfill Authority (HLA) during the year. TJH Management Services Pty Ltd continued to provide administration and management services to HLA.

The Highbury Landfill is governed by the South Australian Environment Protection Authority (SA EPA) as a contaminated site covered by the Environment Protection Act 1993. The Authority has an ongoing environmental duty to manage the site and ensure that it has minimal impact on the surrounding environment. The site has remained stable and within an acceptable risk profile during the year.

The landfill gas quality continues to degrade and McMahon Services Australia Pty Ltd through its sub-contractor Biogas Systems is contracted to manage the gas field and flare the landfill gas.

The accounting standards require Highbury to estimate the future costs over an initial period of at least 25 years to meet the legislative requirements of a closed landfill in South Australia. HLA is now 11 years into the post closure management period and the provision in the accounts is a net present value (NPV) calculation of the future cash outflows to manage the remaining 14 years.



Torrens Road Entrance

As recommended by the HLA audit committee the provision calculation assumptions are reviewed every three years. Golder carried out the review this year as part of the financial audit function and found the provision calculation reasonable. Golder did recommend an additional \$100,000 be allowed over the next two years for maintenance of the ageing landfill gas collection system. This has been included in the provision this year.

HLA re-appointed Dean Newbery as its external auditor for the next five years after inviting four Local Government Auditing firms to submit a quote for the work.

SPECIAL POINTS OF INTEREST:

- The Risk Management Plan continued to be the measure of how the site was managed during the year.
- The board has previously resolved to work with Suez Recycling to investigate the feasibility of a solar power plant on the site to export green energy into the electricity grid. This work has been delayed with the takeover of Suez by Veolia. Work will continue on this project in the new year.



Control panel of flare operating



The LoCal flare installed and operating at the Highbury landfill

CLOSURE & POST-CLOSURE MANAGEMENT

The site continues to revegetate naturally and is maintained with annual spraying for noxious weeds and regular grass cutting and maintenance in accordance with the landfill closure plan. The Leachate pond is designed to collect leachate from the landfill gas collection infrastructure of pipes and wells in the winter months. This leachate then evaporates during the summer months.

The EPA has access to monthly reports on landfill gas extraction and monitoring. These reports show compliance with the risk profile for the site.



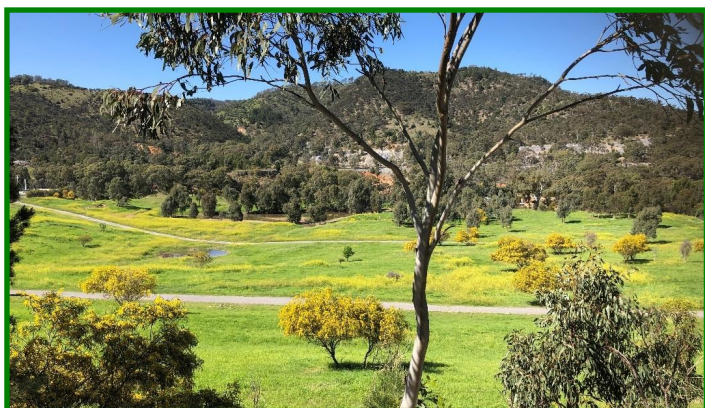
Leachate Pond

FINANCIAL SUMMARY FOR THE YEAR ENDING 30 JUNE 2021

Income Statement as at 30 June 2021

Statement of Financial Position as at 30 June 2021

	<u>2021</u>	<u>2020</u>		<u>2021</u>	<u>2020</u>
	\$	\$		\$	\$
<u>INCOME</u>			<u>CURRENT ASSETS</u>		
Interest Received	213	838	Cash & Cash Equivalents	108,078	65,246
Sundry Income	18,710	21,261	Trade & Other Receivables	22,282	35,295
Highbury Landfill Provision	391,241		Total Current Assets	130,360	100,541
TOTAL REVENUE	410,163	22,099			
			<u>NON-CURRENT ASSETS</u>		
<u>EXPENSES</u>			Infrastructure, Property, Plant	136,295	161,513
Materials, contracts & other expenses	3,000	2,830	Total Non-Current Assets	136,295	161,153
Depreciation, amortisation & impairment	25,218	25,218	<u>TOTAL ASSETS</u>	266,655	262,054
Finance Payments	6,491	7,432			
Highbury Closure Provision		105,930	<u>CURRENT LIABILITIES</u>		
TOTAL EXPENSES	34,709	141,410	Trade and Other Payables	9,733	13,329
OPERATING SURPLUS/ (DEFICIT)	375,454	(119,311)	Borrowings	26,549	25,580
			Provisions	244,702	203,471
			Total Current Liabilities	280,984	242,380
			<u>NON-CURRENT LIABILITIES</u>		
			Borrowings	132,467	159,015
			Provisions	2,736,319	3,319,228
			Total Non-Current Liabilities	2,868,786	3,478,243
			TOTAL LIABILITIES	3,149,770	3,720,623
			NET ASSETS	(2,883,115)	(3,458,569)
			<u>EQUITY</u>		
			Accumulated Deficit	(2,883,115)	(3,458,569)
			TOTAL EQUITY	(2,883,115)	(3,458,569)



Re-vegetation of the landfill

AERIAL MAP OF LANDFILL GAS MONITORING LOCATIONS FOR THE HIGHBURY LANDFILL TO MONITOR COMPLIANCE WITH THE EPA LANDFILL LICENCE

LANDFILL GAS MANAGEMENT AT HIGHBURY

- The plan opposite shows the network of monitoring bores to assist in managing landfill gas on the site.
- Boundary gas extraction bores have been established on the southern and eastern boundaries of the site.
- Landfill gas monitoring bores were monitored regularly during the year
- McMahons through their sub-contractor Biogas Systems extracted landfill gas from approximately 80 extraction bores located over the site and flared the landfill gas.
- The landfill gas quality and quantity are declining and is insufficient to generate green electricity so the gas is burnt to reduce greenhouse gas emissions.
- The ongoing flaring of the landfill gas ensures that the gas is controlled from the site to comply with the risk management plan.



<p>HIGHBURY LANDFILL AUTHORITY</p> <p>HIGHBURY LANDFILL, HIGHBURY, SOUTH AUSTRALIA</p> <p>LANDFILL GAS EXTRACTION WELL LOCATION PLAN WELLS INSTALLED APRIL 2010 TO MAY 2010</p>	<p>Legend</p> <ul style="list-style-type: none"> • Landfill Gas Extraction Well installed during field program 28/04/10 to 09/06/10 • Approximate Location of Gas Monitoring Probe installed 2009 to 2010 • Approximate Location of Gas Monitoring Well, Probe installed 2000 • Residence • Approximate Site Boundary of Highbury Landfill • Approximate Perimeter of 2009 Landfill Cap 	<p><small>CDPRIGHT</small></p> <p><small>Aerial photograph sourced from Google 15.12.2009. Base plan provided from Lucas Earthmovers Pty Ltd. Drawn 16-11-2009.</small></p> <p><small>DISCLAIMER</small></p> <p><small>Goldier Associates does not warrant the accuracy or completeness of information in the drawings and any person using or relying upon such information does so on the basis that Goldier Associates shall bear no responsibility or liability for any errors, omissions, defects or omissions in the information.</small></p> <p><small>Project: 091602000 Figure No: F0004_Rev0 Drawn: KB Date: 15.09.2010 Checked: Date: 15.09.2010</small></p>	<p>Goldier Associates</p> <p><small>183 FRANKLIN STREET ADELAIDE SA 5000 AUSTRALIA PH (86) 6212 2100 FAX (86) 6212 2101</small></p> <p>0 45 90</p> <p>Scale in metres</p> <p>SCALE 1:2,600 @A3 DATUM: GDA 1984 PROJECTION: MGA Zone 54</p> <p>FIGURE 1</p>
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09160200020002 - Landfill Gas Monitoring Well - Highbury Landfill - Document ID: 09160200020002 - 2010 - Final - Rev 01