

# **Cleanaway Waste Mgmt**



Getting the system humming again

# **Key Points**

- CWY held an investor day in Melbourne, highlighting systemic interventions in culture, systems and performance management.
- FY23 outlook reiterated, while noting ongoing recovery in BAU EBIT margins toward 12%. No FY26 EBIT CAGR targets yet.
- EfW developments point to higher capex costs and competitive landfill markets, but management's discipline appears resolute.
- What we liked. The group has a structured and systemic execution plan, that aims to drive incremental cultural change, better operational outcomes and capital-aware performance. The ongoing investment opportunity remains substantial, and it is clear that management are applying due discipline to this pipeline, as in the case of Energy from Waste (EfW).
- What we liked less. The news on EfW was somewhat mixed. It was not surprising to hear that capital costs had increased ~15-20%, but a deterioration in the competitive environment in the VIC landfill market does seem to hold a potential delay in a final investment decision were the conditions to persist (all else being equal). As a consequence, equity IRR's are now projected at high single-digit to low double-digit.
- **Outlook.** The group reiterated FY23 guidance (EBITDA of ~\$670m, EBIT of ~\$300m and net interest of ~\$95m), which was first issued in February and affirmed in May. CWY also noted that progress to recouping BAU margins of 12% remained strong. Better labour markets appear to alleviating a key cost risk for the business.

Earnings changes: No change.

Valuation: We retain our TP at \$3.05ps on a consistent SOTP-based

valuation approach.

Catalyst: FY23 results in August.

# **Investment Thesis and Recommendation**

**Outperform.** CWY is overcoming its recent challenges, especially in labour markets and its Health business. We continue to like the longer term thesis as profitability recovers, especially in light of the ongoing growth opportunities in the industry and CWY's competitive position in it.

### Commercial & Professional Services Australia

CWY AU	Outperform
Price (at 21 Jun 2023)	AUD2.72
12-month target	AUD3.05
12 month TSR (%)	13.8
Volatility Index	Low
Market Cap (Local)	6,055
Market Cap (USD)	4,097
30-day avg turnover	16.0

### **Investment Fundamentals**

Year end 30 Jun	2022A	2023E	2024E	2025E
Revenue (m)	3,006	3,578	3,822	4,094
EBITDA (m)	581.6	667.1	730.9	805.5
EBITDA growth (%)	8.7	14.7	9.6	10.2
EBIT (m)	257.1	298.5	347.7	400.3
EBIT growth (%)	(0.6)	16.1	16.5	15.1
Reported profit (m)	78.9	127.2	185.1	227.1
Adjusted profit (m)	159.3	159.3	201.1	243.1
EPS adj (¢)	7.7	7.2	9.0	10.9
EPS adj growth (%)	(4.4)	(6.4)	24.8	20.9
PER adj (x)	35.3	37.7	30.2	25.0
PER rel (x)	2.3	2.6	2.1	1.8
Total DPS (¢)	4.9	4.2	4.5	5.4
Total DPS growth (%)	6.5	(13.6)	6.4	20.9
Total div yield (%)	1.8	1.6	1.7	2.0
ROA (%)	4.9	4.9	5.5	6.1
ROE (%)	6.1	5.6	6.5	7.6
EV/EBITDA (x)	10.5	9.8	8.9	8.1
Net debt/equity (x)	37.2	22.8	19.1	15.2
P/BV (x)	2.1	2.0	1.9	1.9

# CWY AU rel ASX 100 performance, & rec history



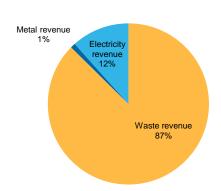
Source: FactSet, Macquarie Research, Jun 2023 (all figures in AUD unless noted, TP in AUD)

## **Investor day summary**

Key takeaways from the briefing:

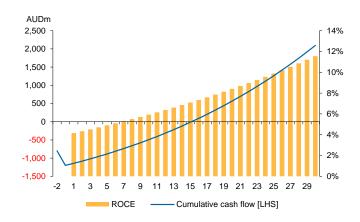
- **Reiterating guidance.** The group reiterated FY23 guidance for EBITDA (~\$670m), EBIT (~\$300m) and net interest cost (~\$95m), originally noted in February and affirmed in May.
- **Recovery on track.** The group continues to make progress towards improving profitability, aiming at a ~12% BAU EBIT margin, with labour conditions continuing to improve and the Health business readying for the full implementation of new waste treatment.
- Focus shifts to staff retention. We got a sense that the level of vacancies across the group have declined and that focus has now shifted towards staff retention. CWY currently experiences ~30% voluntary turnover of staff in the first 12 months of employment. The group sees lower staff turnover as a key enabler in the road to the ~12% BAU EBIT margin.
- Targets come at FY23. The group has not yet committed EBIT growth ambitions to FY26. This should be made known at the FY23 results, with a focus on incremental ROIC improvement over the period.
- **Driving improvement.** CWY is emphasizing proactive risk management, evolving its culture to a greater team orientation and driving ownership. Digitisation is gaining traction and delivering improving fleet efficiency, improving management visibility.
- Incentives to drive ownership. Branch managers are incentivised to "work with what you've got" and are given EBIT and ROIC based incentives. This ensures branch level managers are held accountable to leverage their assets and make accretive investments. These incentives have also evolved from a branch level, to now include a regional component too, to ensure collaboration between the group's branches. Key drivers of performance have also been devolved to a role level to help align the management system across the business.
- EfW plans evolving. The group's Energy from Waste (EfW) plans continue to mature. The group is focused on developing the plans, aiming for approval in VIC by late 2024, with QLD following 6-12 months later. The commercial context is evolving, with heightened landfill competition in VIC affecting economics. Also, the group flagged a ~15-20% capital cost increase from prior guidance owing to inflation. As things stand, CWY see a high single-digit to low double-digit equity IRR. From a funding perspective, CWY will focus on maintaining an investment-grade credit rating, which likely makes the phasing of (and selling down of stakes in) the projects more of an imperative. Much is still unclear, so CWY's focus on building optionality at this point, while displaying much discipline, is key.

Figure 1 - EfW revenue sources



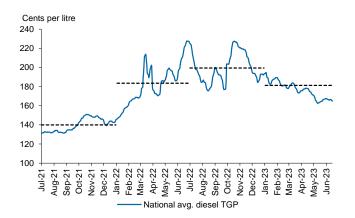
Source: Macquarie Research, June 2023

Figure 2 - Potential EfW returns



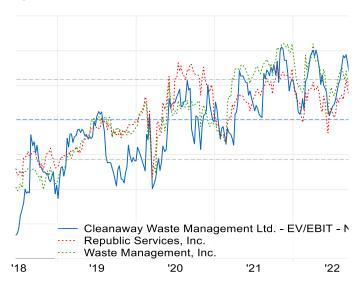
Source: Macquarie Research, June 2023

Figure 3 - Diesel prices have continued declining. Average prices in the 2H FY23 lower vs 2H FY22 and in line with 1H FY22.



Source: Australian Institute of Petroleum, Macquarie Research, June 2023

Figure 4 - EV/EBIT relative to US peers



Source: Factset, Macquarie Research, June 2023

Figure 5 - Estimate summary

Cleanaway (CWY:\$2	2.72)										21-Jun-23
		1H22a	2H22a	1H23(a)	2H23(e)	Profit & Loss		2022A	2023E	2024E	2025E
Revenue		1,364.6	1,641.6	1,777.9	1,800.0	Revenue	\$m	3,006.2	3,577.9	3,821.6	4,094.2
						EDITO 4		<b>504.0</b>	207.4		
EBITDA	\$m	273.7	307.9	322.2	344.9	EBITDA	\$m	581.6	667.1	730.9	805.5
Depreciation	\$m	118.9	150.8	167.9	168.7	Depreciation	\$m	269.6	336.6	351.2	373.2
Amortisation	\$m	25.0	30.0	16.0	16.0	Amortisation	\$m	54.9	32.0	32.0	32.0
EBIT	\$m	129.9	127.2	138.3	160.2	EBIT	\$m	257.1	298.5	347.7	400.3
Net Interest expense	\$m	22.9	30.1	45.0	49.4	Net interest expense	\$m	53.0	94.4	84.8	78.2
Pre-Tax Profit	\$m	107.0	97.1	93.3	110.7	Pre-Tax Profit	\$m	204.1	204.0	262.9	322.1
Tax Expense	\$m	30.7	28.4	20.6	38.5	Tax Expense	\$m	59.1	59.1	76.1	93.3
Net Profit	\$m	75.3	68.0	71.6	71.7	Net Profit	\$m	143.3	143.3	185.1	227.1
Outside equity interests	\$m	1.0	0.7	1.1	0.6	Outside equity interests	\$m	1.7	1.7	1.7	1.7
Net Abn/Extra	\$m	(23.8)	(40.6)	(17.9)	1.8	Net Abnormals/Extra.	\$m	(64.4)	(16.1)	-	-
Reported Earnings (NPAT)	\$m	51.5	27.4	53.7	73.5	Reported Earnings (NPAT)	\$m	78.9	127.2	185.1	227.1
Adjusted Earnings (NPATA)	\$m	80.8	78.5	79.6	79.7	Adjusted Earnings (NPATA)	\$m	159.3	159.3	201.1	243.1
Gross Cashflow	\$m	243.8	276.6	267.6	244.2	Gross Cashflow	\$m	520.4	511.8	585.4	649.5
EPS (Adj/dil)	С	3.9	3.8	3.6	3.6	EPS (adj/diluted)	С	7.7	7.2	9.0	10.9
EPS growth	%	-5.8	-2.9	-6.7	-6.0	EPS growth	%	-4.4%	-6.4%	24.8%	20.9%
CFPS	c	10.8	11.7	9.3	14.1	PE (adj)	х	35.3	37.7	30.2	25.0
CFPS growth	%	10.3	9.2	-13.9	20.5	CFPS	C	22.6	23.5	25.3	28.2
EBITDA/Sales	%	20.1	18.8	18.1	19.2	CFPS Growth	%	9.7	4.3	7.7	11.2
EBIT/Sales	%	9.5	7.7	7.8	8.9	PGCFPS	76 X	12.1	11.6	10.7	9.7
			49.3	50.0	50.0	DPS		4.9	4.2	4.5	
Earnings split Revenue growth	%	50.7 16.6	49.3 32.8	30.3	9.6	Yield	c %	4.9 1.8	4.2 1.6	4.5 1.7	5.4 2.0
	%		32.8 0.6	30.3 6.5					1.0	1.7	100.0
EBIT growth	%	-1.7	0.6	6.5	25.9	Franking	%	12.5	-	-	100.0
Profit and Loss ratios		2022A	2023E	2024E	2025E	Cashflow Analysis		2022A	2023E	2024E	2025E
Revenue growth	%	0.2	0.2	0.1	0.1						
EBIT Growth	%	-0.6	16.1	16.5	15.1	Pre-tax Profit	\$m	204.1	204.0	262.9	322.1
EBITDA/Sales	%	19.3	18.6	19.1	19.7	Depreciation & Amortisation	\$m	324.5	368.6	383.2	405.2
EBIT/Sales	%	8.6	8.3	9.1	9.8	Tax Paid	\$m	-6.5	-59.1	-59.1	-76.1
Effective tax rate	%	29.0	29.0	29.0	29.0	Gross cashflow	\$m	522.1	513.5	587.1	651.2
Payout ratio	%	63.6	58.7	50.0	50.0	Changes in working capital	\$m	7.6	21.5	-4.6	-5.1
EV/EBIT	x	25.6	22.4	19.1	16.4	Other	\$m	-63.4	-16.1	-17.1	-17.1
EV/EBITA	x	21.1	20.2	17.5	15.1	Operating Cashflow	\$m	466.3	519.0	565.4	628.9
EV/EBITDA	x	11.3	10.0	9.1	8.1	Acquisitions	\$m	-529.3	-175.4	0.0	0.0
EV/Sales	x	2.2	1.9	1.7	1.6	Capex - Plant & Equip.	\$m	-263.0	-370.0	-370.0	-400.0
Balance sheet ratios						Asset Sales	\$m	22.9	0.0	0.0	0.0
ROE	%	6.1	5.6	6.5	7.6	Other	\$m	-4.0	0.0	0.0	0.0
ROA	%	4.9	4.9	5.5	6.1	Investing cashflow	\$m	-773.4	-545.4	-370.0	-400.0
ROFE	%	7.6	8.1	9.3	10.7	Dividend (ordinary)	\$m	-94.0	-94.2	-100.2	-121.2
Net Debt	\$m	976.4	697.0	601.9	494.2	Equity raised	\$m	0.0	400.0	0.0	0.0
Net Debt/Equity	%	37.2	22.8	19.1	15.2	Other	\$m	-1.2	0.0	0.0	0.0
Interest Cover	x	0.0	0.0	0.0	0.0	Financing cashflow	\$m	-95.2	305.8	-100.2	-121.2
Price/NTA	×	-12.5	-66358.4	60.3	27.3	i mancing casinow	φiii	-33.2	303.0	-100.2	-121.2
NTA per share	\$ \$	-0.22	0.00	0.05	0.10	Net Change in cash/debt	e	-402.3	279.4	95.2	107.7
EFPOWA	ъ m	2067.4	2207.3	2232.7	2232.7	Net Change in Cash/debt	\$m	-402.3	213.4	93.2	107.7
Historical performance		2019A	2020A	2021A	2022A	Balance Sheet		2022A	2023E	2024E	2025E
						Cash	\$m	66.5	230.9	386.0	558.7
Revenue	\$m	2,283.1	2,332.1	2,406.4	3,006.2	Receivables	\$m	532.5	572.5	611.5	655.1
EBITDA	\$m	461.6	515.7	535.1	581.6	Inventories	\$m	26.7	31.8	33.9	36.4
Depreciation/Amortisation	\$m	220.8	259.1	276.4	324.5	Investments	\$m	52.2	227.6	227.6	227.6
EBIT	\$m	240.8	256.6	258.7	257.1	Property, Plant & Equipment	\$m	1,434.5	1,467.9	1,486.7	1,513.5
Net interest expense	\$m	47.8	47.4	43.5	53.0	Intangibles	\$m	3,074.3	3,058.3	3,042.3	3,026.3
Pre-Tax Profit	\$m	193.0	209.2	215.2	204.1	Other Assets	\$m	676.0	660.0	644.0	628.0
Tax Expense	\$m	53.0	59.2	62.0	59.1	Total Assets	\$m	5,862.7	6,248.9	6,432.0	6,645.5
Net Profit	\$m	1 <b>40.0</b>	150.0	1 <b>53.2</b>	145.0	Payables	\$m	470.1	536.7	573.2	614.1
Net Abn/Extra	\$m	(16.8)	(37.4)	(5.5)	(64.4)	Short Term Debt	\$m	100.6	100.6	100.6	100.6
	ΨΠ	(10.0)	(57.4)	(0.0)	(0-77)	Long Term Debt	\$m	942.3	827.3	887.3	952.3
EPS (adj/dil)	С	7.6	8.1	8.1	7.7	Operating leases	\$m	J42.J	0.0	0.0	0.0
EPS growth	%	32.9%	6.7%	(0.5%)	(4.4%)	Other Liabilities	\$m	1,721.5	1,721.5	1,721.5	1,721.5
Ordinary DPS			4.1	4.6	4.4%)	Total Liabilities		3,234.5	3,186.1	3,282.6	3,388.5
	C 0/	3.6				Shareholders Funds	\$m				
EBITDA/Sales	%	20.2	22.1	22.2	19.3		\$m	2,625.3	3,058.2	3,143.1	3,249.0
EBIT/Sales	%	10.5	11.0	10.8	8.6	Minority Interests	\$m	2.9	4.6	6.3	8.0
ROE	%	6.2	6.5	6.4	6.1	Total Shareholders Equity	\$m	2,628.2	3,062.8	3,149.4	3,257.0
ROFE	%	7.5	7.9	8.0	7.6						
EFPOWA	m	2054.3	2062.2	2064.6	2067.4	Total Funds employed	\$m	5,862.7	6,248.9	6,432.0	6,645.5
ND/EDITOA		2022A	2023E	2024E	2025E						
ND/EBITDA	х	1.7	1.0	0.8	0.6						
EBITDA/Net Interest	X	11.0	7.1	8.6	10.3						
ND/Tangible assets	%	35%	22%	18%	14%						

Source: Company data, Macquarie Research, June 2023

21 June 2023

# **Key Risks to Investment Thesis**

• Key risks to our view relate to the softening macro context in Australia, which could affect outcomes in a space, in particular. This could affect performance across the group's integrated value chain.

# **Company Description**

Cleanaway Waste Management (CWY) provides waste management services across Australia. CWY engages in comparatively small part of the group's business in the SME waste collection, liquid waste treatment and hazardous waste treatment. The company provides industrial cleaning services specialising in high-pressure water blasting and vacuum loading. The company's hydrocarbon treatment facilities produce recycled oils for re-use by electricity generators and boiler start-up.

anaway Waste Mgmt (CWY AU) AUD unless otherwise noted

Income Statement Jun FY	2022A	2023E	2024E	2025E	1H/23A	2H/23E	Balance Sheet	2022A	2023E	2024E	2025E
Revenue	3,006	3,578	3,822	4,094	1,778	1,800	Cash	66.5	230.9	386.0	558.
EBITDA	581.6	667.1	730.9	805.5	322.2	344.9	Receivables	532.5	572.5	611.5	655.2
Depreciation	269.6	336.6	351.2	373.2	167.9	168.7	Inventories	26.7	31.8	33.9	36.4
Amortisation	54.9	32.0	32.0	32.0	16.0	16.0	Investments	52.2	227.6	227.6	227.6
EBIT	257.1	298.5	347.7	400.3	138.3	160.2	Fixed Assets	1,435	1,468	1,487	1,513
Net Interest Expense	53.0	94.4	84.8	78.2	45.0	49.4	Intangibles	3,074	3,058	3,042	3,026
Pre-Tax Profit	116.3	181.0	262.9	322.1	69.6	111.4	Other Assets	676.0	660.0	644.0	628.0
Tax Expense	35.7	52.2	76.1	93.3	14.8	37.4	Total Assets	5,863	6,249	6,432	6,646
Net Profit	80.6	128.9	186.8	228.8	54.8	74.1	Payables	470.1	536.7	573.2	614.3
Outside Equity Interests	1.7	1.7	1.7	1.7	1.1	0.6	Short Term Debt	100.6	100.6	100.6	100.6
Net Non Recurring & Assoc	(64.4)	(16.1)	0.0	0.0	(17.9)	1.8	Long Term Debt	942.3	827.3	887.3	952.3
Reported Earnings	78.9	127.2	185.1	227.1	53.7	73.5	Provisions	846.7	846.7	846.7	846.7
Adjusted Earnings	159.3	159.3	201.1	243.1	79.6	79.7	Other Liabilities	874.8	874.8	874.8	874.8
Gross Cashflow	469.5	513.6	570.0	634.0	256.6	257.0	Total Liabilities	3,235	3,186	3,283	3,389
Diluted Shares Outstanding (m)	2,067	2,207	2,233	2,233	2,182	2,233	Shareholders' Funds	2,625	3,058	3,143	3,249
EPS (adj) (¢)	7.7	7.2	9.0	10.9	3.6	3.6	Minority Interests	2.9	4.6	6.3	8.0
EPS (adj) [AUD]	7.7	7.2	9.0	10.9	3.6	3.6	Other	0.0	0.0	0.0	0.0
FFO (c)	0.0	0.0	0.0	0.0	0.0	0.0	Total Shareholders' Equity	2,628	3,063	3,149	3,25
AFFO (c)	0.0	0.0	0.0	0.0	0.0	0.0	Net Debt	976.4	697.0	601.9	494.7
CFPS (c)	22.7	23.3	25.5	28.4	11.8	11.5	Net Debt / Equity (%)	37.2	22.8	19.1	15.
Total DPS (¢)	4.9	4.2	4.5	5.4	2.5	1.8	Interest Cover (x)	3.2	2.9	4.1	5.:
Total DPS [AUD]	4.9	4.2	4.5	5.4	2.5	1.8	ROE (%)	6.1	5.6	6.5	7.0
							ROA (%)	4.9	4.9	5.5	6.3
							ROIC (%)	5.7	5.9	6.6	7.6
Ratio	2022A	2023E	2024E	2025E			Cash Flow Analysis	2022A	2023E	2024E	2025
Revenue Growth (%)	24.9	19.0	6.8	7.1	-	-	EBITDA	581.6	667.1	730.9	805.
EBITDA Growth (%)	8.7	14.7	9.6	10.2	-	-	Tax Paid	(6.5)	(59.1)	(59.1)	(76.1)
EBIT Growth (%)	(0.6)	16.1	16.5	15.1	-	-	Chgs in Working Cap	7.6	21.5	(4.6)	(5.1
EPS Growth (%)	(4.4)	(6.4)	24.8	20.9	-	-	Net Interest Paid	(53.0)	(94.4)	(84.8)	(78.2
Total DPS growth (%)	6.5	(13.6)	6.4	20.9	-	-	Other	(63.4)	(16.1)	(17.1)	(17.1
CFPS Growth (%)	9.1	2.5	9.7	11.2	-	-	Operating Cashflow	466.3	519.0	565.4	628.9
EBITDA/Sales (%)	19.3	18.6	19.1	19.7	-	-	Acquisitions	(529.3)	(175.4)	0.0	0.0
EBIT/Sales (%)	8.6	8.3	9.1	9.8	-	-	Capex	(263.0)	(370.0)	(370.0)	(400.0
Payout Ratio (%)	63.6	58.7	50.0	50.0	-	-	Other	18.9	0.0	0.0	0.0
EV/EBITDA (x)	10.5	9.8	8.9	8.1	-	-	Investing Cashflow	(773.4)	(545.4)	(370.0)	(400.0
EV/EBIT (x)	23.7	21.8	18.7	16.3	-	-	Dividends Paid	(94.0)	(94.2)	(100.2)	(121.2
EV/Sales (x)	2.0	1.8	1.7	1.6	-	-	Equity Movements	0.0	400.0	0.0	0.0
PGCFPS (x)	11.3	11.0	10.1	9.0	-	-	Debt Movements	399.4	(115.0)	60.0	65.0
P/BV (x)	2.1	2.0	1.9	1.9	-	-	Other	(1.2)	0.0	0.0	0.0
NTA per Share (\$)	(0.2)	(0.0)	0.0	0.1	-	-	Financing Cashflow	304.2	190.8	(40.2)	(56.2
PE (adj) (x)	35.3	37.7	30.2	25.0	_	_	Net Chg in Cash/Debt	(2.9)	164.4	155.2	172.7
FFO yield (%)	NM	NM	NM	NM	_	_	Free Cashflow	203.3	149.0	195.4	228.9
AFFO yield (%)	NM	NM	NM	NM	_	_					
Total Div Yield (%)	1.8	1.6	1.7	2.0	_						
. J. C.	12.5	0.0	0.0	100.0							

Source: Company data, Macquarie Research Jun 2023

21 June 2023 5

### **Key Quant Pick**

The quant model currently holds a neutral view on Cleanaway Waste Management. The strongest style exposure is Quality, indicating this stock is likely to have a superior and more stable underlying earnings stream. The weakest style exposure is Growth, indicating this stock has weak historic and/or forecast growth. Growth metrics focus on both top and bottom line items.

# Macquarie Alpha Model: Key rankings

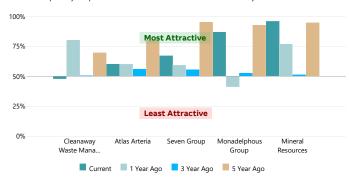
The Macquarie Quant's flagship Alpha model is a dynamic multi-factor model based on a staple of quant factors such as value, momentum, revisions, quality, and risk.

	Global	Market (Country)	Sector
	Whole Universe	Australia & NZ	Comm. & Prof. Services
Macquarie Alpha Model	9051/17558	221/423	298/468
Fundamental (Consensus) *	9810/17558	244/423	285/468

<sup>\*</sup> based on Total Shareholder Return = Consensus Price target / Current Price

# **Current and Historical Alpha Model Rank**

The chart shows the Macquarie Alpha model ranking against the company's peers and over recent history.



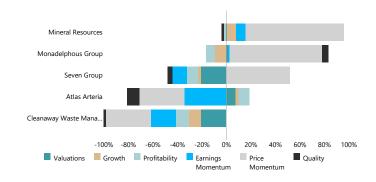
# **Alpha Model Decomposition**

The Macquarie Alpha is decomposed into its sector and market relative factor & styles exposures (a higher/better percentile is coded in green, whilst lower in red).

	Perce relati	entile ive to	
Factors / Styles	sectors (/468)	market (/423)	Core factors in definition
ALPHA	36%	48%	See all the styles below
VALUE	27%	43%	Book, CF, Yield, Earnings Multiples
ANALYST	38%	26%	Revisions (Earnings, Recommendations)
MOMENTUM	22%	54%	Price Momentum
GROWTH	20%	15%	EPS, Sales (Forecast, Historic)
PROFITABILITY	46%	35%	ROE, Margin, Asset Turnover
QUALITY	38%	62%	Accruals, Earn Stability, Cash Conversion
CAPITAL	36%	43%	Investment/Capex, Net share issuance
LIQUIDITY	82%	74%	Size, Turnover, Analyst Coverage
RISK	43%	69%	Beta, Volatility, Earnings Certainty, Leverage
TECHNICAL	86%	85%	MACD, RSI, Bollinger, Williams R, etc

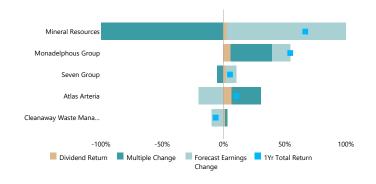
# Factors driving the Alpha Model vs peers

For the comparable firms this chart shows the key underlying styles and their contribution to the current overall Alpha score.



### **Drivers of Stock Return**

Breakdown of 1-year total return (local currency) into returns from dividends, changes in forward earnings estimates and the resulting change in earnings multiple.



# Macquarie Style Returns over last year

Recent performance to Macquarie style factors

		Monthly Factor Long-Short Returns for												
Australia & NZ	Jun - 23	May - 23	Apr - 23	Mar - 23	Feb - 23	Jan - 23	Dec - 22	Nov - 22	Oct - 22	Sep - 22	Aug - 22	Jul - 22	Last 5 Years (ann)	Last 10 Years (ann)
ALPHA	-1%	-1%	-3%	0%	4%	6%	-8%	-1%	2%	0%	4%	-2%	-3%	2%
VALUE	-2%	1%	2%	-2%	4%	6%	-10%	5%	5%	2%	-1%	6%	0%	-1%
ANALYST	0%	-3%	-5%	-3%	5%	5%	0%	1%	-1%	-1%	2%	-2%	10%	6%
MOMENTUM	-4%	-2%	0%	-3%	2%	5%	-8%	3%	0%	-2%	2%	-9%	-11%	0%
GROWTH	-4%	0%	-6%	3%	-1%	5%	0%	1%	-1%	-7%	3%	4%	-7%	-2%
PROFITABILITY	4%	-3%	5%	-2%	4%	-3%	2%	2%	-1%	-4%	1%	-5%	4%	3%
QUALITY	-2%	-1%	2%	-6%	0%	-2%	-1%	6%	0%	-1%	2%	-8%	-11%	-8%
CAPITAL	-2%	0%	1%	1%	-3%	1%	-3%	1%	2%	1%	2%	0%	-2%	1%
LIQUIDITY	0%	2%	4%	1%	2%	1%	-5%	-1%	4%	2%	3%	2%	-1%	0%
RISK	-5%	0%	-2%	-3%	1%	0%	-6%	2%	-1%	6%	1%	6%	0%	0%
TECHNICAL	3%	-1%	8%	4%	0%	3%	-3%	9%	3%	-2%	6%	4%	11%	10%

Source (all charts): FactSet, Refinitiv, and Macquarie Quant. For more details on the Macquarie Alpha model or for more customised analysis and screens, please contact the Macquarie Global Quantitative Team: maccapequitiesresearchquantglobal@macquarie.com. Explanation for items on this page can be found at https://www.macquarieinsights.com/rp/d/r/p/OTUyMzg1

### **Important Disclosures**

### Recommendation definitions

#### Macquarie - Asia and USA

Outperform - expected return >10% Neutral - expected return from -10% to +10% Underperform - expected return <-10%

### Macquarie - Australia/New Zealand Outperform - expected return >10% Neutral - expected return from 0% to 10% Underperform - expected return <0%

During periods of share price volatility, recommendations and target prices may occasionally and temporarily be inconsistent with the above definitions.

**Recommendations** - 12 months **Note**: Quant recommendations may differ from Fundamental Analyst recommendations

#### Volatility index definition

This is calculated from the volatility of historical price movements.

**Very high** – highest risk – Stock should be expected to move up or down 60-100% in a year – investors should be aware this stock is highly speculative.

**High** – stock should be expected to move up or down at least 40-60% in a year – investors should be aware this stock could be speculative.

**Medium** – stock should be expected to move up or down at least 25–40% in a year.

**Low** - stock should be expected to move up or down at least 15-25% in a year.

\* Applicable to select stocks in Asia/Australia/NZ

**Note:** expected return is reflective of a Medium Volatility stock and should be assumed to adjust proportionately with volatility risk

#### Financial definitions

All "Adjusted" data items have had the following adjustments made:

Added back: goodwill amortisation, provision for catastrophe reserves, IFRS derivatives & hedging, IFRS impairments & IFRS interest expense

Excluded: non recurring items, asset revals, property revals, appraisal value uplift, preference dividends & minority interests

**EPS** = adjusted net profit / efpowa\*

**ROA** = adjusted ebit / average total assets

ROA Banks/Insurance = adjusted net profit /average total assets

**ROE** = adjusted net profit / average shareholders funds **Gross cashflow** = adjusted net profit + depreciation \*equivalent fully paid ordinary weighted average number of shares

All Reported numbers for Australian/NZ listed stocks are modelled under IFRS (International Financial Reporting Standards).

### Recommendation proportions for quarter ending 31 March 2023

	AU/NZ	Asia	USA	
Outperform	56.13%	64.77%	64.49%	(for global coverage by Macquarie, 2.51% of stocks followed are investment banking clients)
Neutral	37.74%	23.98%	32.71%	(for global coverage by Macquarie, 1.83% of stocks followed are investment banking clients)
Underperform	6.13%	11.26%	2.80%	(for global coverage by Macquarie, 0.00% of stocks followed are investment banking clients)

### **Company-Specific Disclosures**

#### **Company Name**

# Cleanaway Waste Mgmt (CWY

### Outperform

12-month target: AUD3.05 - EV/EBIT Valuation: AUD 3.05 - Sum of Parts Price: AUD2.72

#### **Disclosure**

MACQUARIE CAPITAL (AUSTRALIA) LIMITED or one of its affiliates has provided Cleanaway Waste Management Ltd with investment advisory services in the past 24 months, for which it received compensation.

Macquarie Capital (Australia) Ltd or one of its affiliates has investment banking services relationship with Cleanaway Waste Management.

Macquarie Group Limited together with its affiliates owns a net long of 0.5% or more of the equity securities of Cleanaway Waste Management Ltd.

Macquarie Group Limited together with its affiliates beneficially owns 1% or more of the equity securities of Cleanaway Waste Management Ltd.

A reference to "Macquarie" is a reference to the entity within the Macquarie Group of companies (comprising Macquarie Group Limited and its worldwide affiliates and subsidiaries) that is relevant to this disclosure. Important disclosure information regarding the subject companies covered in this report is available publicly at www.macquarie.com/research/disclosures. Clients receiving this report can additionally access previous recommendations (from the year prior to publication of this report) issued by this report's author at https://www.macquarieinsights.com.

### Recommendation history

Company name

### 

Date	Recommendation	Target price
29-Nov-2022	Outperform	AUD 3.05
21-0ct-2022	Outperform	AUD 2.90
4-Sep-2022	Outperform	AUD 3.10
20-Aug-2022	Outperform	AUD 3.25
3-May-2022	Outperform	AUD 3.65
17-Feb-2022	Outperform	AUD 3.85
16-Dec-2021	Outperform	AUD 3.70
22-Oct-2021	Outperform	AUD 3.20
20-Aug-2021	Outperform	AUD 3.15
6-May-2021	Outperform	AUD 3.00
19-Feb-2021	Neutral	AUD 2.50
21-Jan-2021	Neutral	AUD 2.55
14-Oct-2020	Outperform	AUD 2.55
26-Aug-2020	Outperform	AUD 2.75
25-Jun-2020	Outperform	AUD 2.45

# **Analyst Certification**

We hereby certify that all the views expressed in this report accurately reflect our personal views about the subject company or companies and its or their securities. The views were reached independently, without any attempt of influence from anyone outside of Macquarie's Research business. Any and all opinions expressed have a reasonable basis, which are the result of the exercise of due care and skill. We confirm we (the authors), our team, and our associates do not hold securities in our sector of coverage, except for holdings disclosed to Research Compliance where we have received approval to hold temporarily until we are able to dispose of the holdings, and confirm the presence of disclosure language on this research which relates to this personal holding. To the best of our knowledge, we are not in receipt of, nor have included in this report, information considered to be inside information at the time of publication. We also certify that no part of our compensation was, is or will be, directly or indirectly, related to the specific recommendations or views expressed in this report. We acknowledge that the Analysts responsible for preparing this report receive compensation from Macquarie that is based upon various factors including Macquarie Group Ltd.'s overall revenues, a portion of which are generated by Macquarie Group's Investment Banking activities.

#### General disclaimers

This research has been issued by Macquarie Securities (Australia) Limited ("MSAL") ABN 58 002 832 126, AFSL 238947, aParticipant of the ASX and Chi-X Australia Pty Limited. MSAL is the provider of the general advice and takes responsibility for the provision of thisresearch. Please refer to MSAL's Financial Services Guide (FSG) for more information at https://www.macquarie.com.au/advisers/financial-servicesguide.html.

This research is distributed in Australia by Macquarie Equities Limited ABN 41 002 574 923 AFSL 237504 ("MEL") a Participant of the ASX. Apart from Macquarie Bank Limited ABN 46 008 583 542 ("MBL"), any MGL subsidiary noted in this research, is not an authorised deposit-taking institution for the purposes of the Banking Act 1959 (Australia) and that subsidiary's obligations do not represent deposits or other liabilities of MBL. MBL does not guarantee or otherwise provide assurance in respect of the obligations of that subsidiary, unless noted otherwise.

This research contains general advice and does not take account of your objectives, financial situation or needs. Before acting on this general advice, you should consider the appropriateness of the advice having regard to your situation. We recommend you obtain financial, legal and taxation advice before making any financial investment decision.

This research has been prepared for the use of the clients of the Macquarie Group and must not be copied, either in whole or in part, or distributed to any other person. If you are not the intended recipient, you must not use or disclose this research in any way. If you received it in error, please tell us immediately by return e-mail and delete the document. We do not guarantee the integrity of any e-mails or attached files and are not responsible for any changes made to them by any other person. Nothing in this research shall be construed as a solicitation to buy or sell any security or product, or to engage in or refrain from engaging in any transaction. This research is based on information obtained from sources believed to be reliable, but the Macquarie Group does not make any representation or warranty that it is accurate, complete or up to date. We accept no obligation to correct or update the information or opinions in it. Opinions expressed are subject to change without notice. The Macquarie Group accepts no lability whatsoever for any direct, indirect, consequential or other loss arising from any use of this research and/or further communication in relation to this research. The Macquarie Group produces a variety of research products, recommendations contained in one type of research product may differ from recommendations contained in other types of research

The Macquarie Group has established and implemented a conflicts policy at group level, which may be revised and updated from time to time, pursuant to regulatory requirements; which sets out how we must seek to identify and manage all material conflicts of interest. Staff involved with the preparation of research have regular interaction with companies they cover. Additionally, MGL does and seeks to do business with companies covered by research. There are robust information barriers in place to protect the independence of research's product. However, recipients of research should be aware of this potential conflict of interest. The Macquarie Group, its officers and employees may have conflicting roles in the financial products referred to in this research and, as such, may effect transactions which are not consistent with the recommendations (if any) in this research. The Macquarie Group may receive fees, brokerage or commissions for acting in those capacities and the reader should assume that this is the case. The Macquarie Group's employees or officers may provide oral or written opinions to its clients which are contrary to the opinions expressed in this research. Important disclosure information regarding the subject companies covered in this report is available at www.macquarie.com/disclosures.

#### MSCI disclaimers:

Where this report contains any MSCI sourced information, such information is the exclusive property of MSCI Inc. (MSCI). Without the prior written permission of MSCI, this information and any other MSCI intellectual property may not be reproduced, redisseminated or used to create any financial products, including any indices. This information is provided on an "as is" basis. The user assumes the entire risk of any use made of this information. MSCI, its affiliates and any third party involved in, or related to, computing or compiling the information hereby expressly disclaim all warranties of originality, accuracy, completeness, merchantability or fitness for a particular purpose with respect to any of this information. Without limiting any of the foregoing, in no event shall MSCI, any of its affiliates or any third party involved in, or related to, computing or compiling the information have any liability for any damages of any kind. MSCI and the MSCI indexes are services marks of MSCI and its affiliates.