Arkwright

Table 11. Arkwright Current Estimated Cost by Ash Pond / Landfill

($ in Millions)

Ash Pond / Landfill	Closure Method	Project to Date Actuals Through July 2023*	August-December 2023 Forecast**	2024 Forecast	2025 Forecast	2026-2028 Forecast	2029-2031 Forecast	2032 -2078 Forecast	Total
Arkwright AP-1,2,3,Landfill	Closure by removal and consolidation to permitted landfill	$ 45.2	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
Total		$ 45.2	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED

Retail Cost Estimates

**Project-to-Date Actuals represent costs incurred from January 1, 2003 through July 31, 2023*

***The annual 2023 cost forecast for McDonough, Mitchell, Wansley, and Yates reflects these sites' third quarter 2023 CCR ARO liability revision. The 2023 annual forecast for the remainder of the sites is consistent with the Company's March 2023 Semi-Annual Status Report. The Company is currently reviewing all years in its CCR ARO estimates and expects updates by year-end for all projects.*

Note: Details may not add to totals due to rounding

Table 12. Arkwright Current Estimated Cost by Executive Cost Code

($ in Millions)

	Project to Date Actuals Through July 2023*	August-December 2023 Forecast**	2024 Forecast	2025 Forecast	2026-2028 Forecast	2029-2031 Forecast	2032 -2078 Forecast	Total
Previous Closure Cost	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
Program Management	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
Front End Planning	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
Detailed Engineering Costs	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
Construction	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
Post Closure Costs	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
Total	$ 45.2	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED

Retail Cost Estimates

**Project-to-Date Actuals represent costs incurred from January 1, 2003 through July 31, 2023*

***The annual 2023 cost forecast for McDonough, Mitchell, Wansley, and Yates reflects these sites' third quarter 2023 CCR ARO liability revision. The 2023 annual forecast for the remainder of the sites is consistent with the Company's March 2023 Semi-Annual Status Report. The Company is currently reviewing all years in its CCR ARO estimates and expects updates by year-end for all projects.*

Note: Details may not add to totals due to rounding

Notes:

2023 year-to-date actuals through July of $7.0 million consist primarily of continued detailed design, front-end planning, and landfill maintenance. Activities expected during the remainder of 2023 include continued design work as well as early site work and preparation, including the commencement of water management activities.

Bowen

Table 13. Bowen Current Estimated Cost by Ash Pond / Landfill

($ in Millions)

Ash Pond / Landfill	Closure Method	Project to Date Actuals Through July 2023*	August-December 2023 Forecast**	2024 Forecast	2025 Forecast	2026-2028 Forecast	2029-2031 Forecast	2032 -2078 Forecast	Total
AP-1	Advanced closure in place with liner	$ 217.5	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
Bowen CCR Landfill	Active landfill / closure in place	$ 0.0	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
Total		$ 217.5	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED

Retail Cost Estimates

**Project-to-Date Actuals represent costs incurred from January 1, 2003 through July 31, 2023*

***The annual 2023 cost forecast for McDonough, Mitchell, Wansley, and Yates reflects these sites' third quarter 2023 CCR ARO liability revision. The 2023 annual forecast for the remainder of the sites is consistent with the Company's March 2023 Semi-Annual Status Report. The Company is currently reviewing all years in its CCR ARO estimates and expects updates by year-end for all projects.*

Note: Details may not add to totals due to rounding

Table 14. Bowen Current Estimated Cost by Executive Cost Code

($ in Millions)

	Project to Date Actuals Through July 2023*	August-December 2023 Forecast**	2024 Forecast	2025 Forecast	2026-2028 Forecast	2029-2031 Forecast	2032 -2078 Forecast	Total
Previous Closure Cost	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
Program Management	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
Front End Planning	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
Detailed Engineering Costs	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
Construction	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
Post Closure Costs	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
Total	$ 217.5	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED

Retail Cost Estimates

**Project-to-Date Actuals represent costs incurred from January 1, 2003 through July 31, 2023*

***The annual 2023 cost forecast for McDonough, Mitchell, Wansley, and Yates reflects these sites' third quarter 2023 CCR ARO liability revision. The 2023 annual forecast for the remainder of the sites is consistent with the Company's March 2023 Semi-Annual Status Report. The Company is currently reviewing all years in its CCR ARO estimates and expects updates by year-end for all projects.*

Note: Details may not add to totals due to rounding

Notes:

2023 year-to-date actuals through July of $46.9 million consist primarily of landfill liner and structural fill material delivery and stockpiling, construction of Bowen Landfill Cells 5 and 6, and construction of the on-site Beneficial Use facility. All of these activities are slated to continue throughout 2023.

Branch

Table 15. Branch Current Estimated Cost by Ash Pond / Landfill

($ in Millions)

Ash Pond / Landfill	Closure Method	Project to Date Actuals Through July 2023*	August-December 2023 Forecast**	2024 Forecast	2025 Forecast	2026-2028 Forecast	2029-2031 Forecast	2032 -2078 Forecast	Total
AP-A	Closure by removal to permitted landfill	$ 1.3	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
AP-B	Closure by removal to permitted landfill	$ 18.3	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
AP-C	Closure by removal to permitted landfill	$ 19.3	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
AP-D	Closure by removal to permitted landfill	$ 12.7	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
AP-E	Closure by removal to permitted landfill	$ 111.1	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
Landfill	Closure in place	$ (0.0)	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
Total		$ 162.6	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED

Retail Cost Estimates

**Project-to-Date Actuals represent costs incurred from January 1, 2003 through July 31, 2023*

***The annual 2023 cost forecast for McDonough, Mitchell, Wansley, and Yates reflects these sites' third quarter 2023 CCR ARO liability revision. The 2023 annual forecast for the remainder of the sites is consistent with the Company's March 2023 Semi-Annual Status Report. The Company is currently reviewing all years in its CCR ARO estimates and expects updates by year-end for all projects.*

Note: Details may not add to totals due to rounding

Table 16. Branch Current Estimated Cost by Executive Cost Code

($ in Millions)

	Project to Date Actuals Through July 2023*	August-December 2023 Forecast**	2024 Forecast	2025 Forecast	2026-2028 Forecast	2029-2031 Forecast	2032 -2078 Forecast	Total
Previous Closure Cost	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
Program Management	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
Front End Planning	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
Detailed Engineering Costs	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
Construction	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
Post Closure Costs	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
Total	$ 162.6	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED

Retail Cost Estimates

**Project-to-Date Actuals represent costs incurred from January 1, 2003 through July 31, 2023*

***The annual 2023 cost forecast for McDonough, Mitchell, Wansley, and Yates reflects these sites' third quarter 2023 CCR ARO liability revision. The 2023 annual forecast for the remainder of the sites is consistent with the Company's March 2023 Semi-Annual Status Report. The Company is currently reviewing all years in its CCR ARO estimates and expects updates by year-end for all projects.*

Note: Details may not add to totals due to rounding

Notes:

2023 year-to-date actuals through July of $35.8 million consist primarily of contractor mobilizations, water management/dewatering, landfill construction, beneficial use major procurements, and laydown area development. The activities expected during the remainder of 2023 include landfill construction, ongoing water management and beneficial use design, procurement and initial construction activities.

Hammond

Table 17. Hammond Current Estimated Cost by Ash Pond / Landfill

($ in Millions)

Ash Pond / Landfill	Closure Method	Project to Date Actuals Through July 2023*	August-December 2023 Forecast**	2024 Forecast	2025 Forecast	2026-2028 Forecast	2029-2031 Forecast	2032 -2078 Forecast	Total
AP-1	Closure by removal to permitted landfill	$ 23.1	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
AP-2	Closure by removal to permitted landfill	$ 39.3	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
AP-3	Advanced closure in place	$ 26.3	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
AP-4	Closure by removal to permitted landfill	$ 29.3	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
Huffaker Road CCB Facility	Closure in place	$ 6.9	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
Total		$ 124.8	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED

Retail Cost Estimates

**Project-to-Date Actuals represent costs incurred from January 1, 2003 through July 31, 2023*

***The annual 2023 cost forecast for McDonough, Mitchell, Wansley, and Yates reflects these sites' third quarter 2023 CCR ARO liability revision. The 2023 annual forecast for the remainder of the sites is consistent with the Company's March 2023 Semi-Annual Status Report. The Company is currently reviewing all years in its CCR ARO estimates and expects updates by year-end for all projects.*

Note: Details may not add to totals due to rounding

Table 18. Hammond Current Estimated Cost by Executive Cost Code

($ in Millions)

	Project to Date Actuals Through July 2023*	August-December 2023 Forecast**	2024 Forecast	2025 Forecast	2026-2028 Forecast	2029-2031 Forecast	2032 -2078 Forecast	Total
Previous Closure Cost	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
Program Management	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
Front End Planning	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
Detailed Engineering Costs	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
Construction	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
Post Closure Costs	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
Total	$ 124.8	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED

Retail Cost Estimates

**Project-to-Date Actuals represent costs incurred from January 1, 2003 through July 31, 2023*

***The annual 2023 cost forecast for McDonough, Mitchell, Wansley, and Yates reflects these sites' third quarter 2023 CCR ARO liability revision. The 2023 annual forecast for the remainder of the sites is consistent with the Company's March 2023 Semi-Annual Status Report. The Company is currently reviewing all years in its CCR ARO estimates and expects updates by year-end for all projects.*

Note: Details may not add to totals due to rounding

Notes:

2023 year-to-date actuals through July of $16.7 million consist primarily of continued AP-1/AP-2 ash excavation activities, as well as dewatering and water management activities. Activities expected during the rest of 2023 include these ongoing ash management activities and ongoing AP-4 permitting support.

Kraft

Table 19. Kraft Current Estimated Cost by Ash Pond / Landfill

Ash Pond / Landfill	Closure Method	Project to Date Actuals Through July 2023*	August-December 2023 Forecast**	2024 Forecast	2025 Forecast	2026-2028 Forecast	2029-2031 Forecast	2032 -2078 Forecast	Total
AP-1	Closure by removal to permitted landfill	$ 8.4	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
Grumman Road Landfill	Closure in place	$ 15.9	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
Total		$ 24.4	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED

Retail Cost Estimates

**Project-to-Date Actuals represent costs incurred from January 1, 2003 through July 31, 2023*

***The annual 2023 cost forecast for McDonough, Mitchell, Wansley, and Yates reflects these sites' third quarter 2023 CCR ARO liability revision. The 2023 annual forecast for the remainder of the sites is consistent with the Company's March 2023 Semi-Annual Status Report. The Company is currently reviewing all years in its CCR ARO estimates and expects updates by year-end for all projects.*

Note: Details may not add to totals due to rounding

Table 20. Kraft Current Estimated Cost by Executive Cost Code

($ in Millions)

	Project to Date Actuals Through July 2023*	August-December 2023 Forecast**	2024 Forecast	2025 Forecast	2026-2028 Forecast	2029-2031 Forecast	2032 -2078 Forecast	Total
Previous Closure Cost	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
Program Management	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
Front End Planning	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
Detailed Engineering Costs	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
Construction	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
Post Closure Costs	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
Total	$ 24.4	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED

Retail Cost Estimates

**Project-to-Date Actuals represent costs incurred from January 1, 2003 through July 31, 2023*

***The annual 2023 cost forecast for McDonough, Mitchell, Wansley, and Yates reflects these sites' third quarter 2023 CCR ARO liability revision. The 2023 annual forecast for the remainder of the sites is consistent with the Company's March 2023 Semi-Annual Status Report. The Company is currently reviewing all years in its CCR ARO estimates and expects updates by year-end for all projects.*

Note: Details may not add to totals due to rounding

Notes:

2023 year-to-date actuals through July of $0.7 million consist primarily of groundwater monitoring activities and associated oversight. Activities expected during the remainder of 2023 include planned Grumman Road maintenance and construction activities.

McDonough

Table 21. McDonough Current Estimated Cost by Ash Pond / Landfill

($ in Millions)

Ash Pond / Landfill	Closure Method	Project to Date Actuals Through July 2023*	August-December 2023 Forecast**	2024 Forecast	2025 Forecast	2026-2028 Forecast	2029-2031 Forecast	2032 -2078 Forecast	Total
AP-1	Advanced closure in place	$ 32.7	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
AP-2	Closure by removal	$ 17.1	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
AP-3	Advanced closure in place	$ 39.2	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
AP-4	Advanced closure in place	$ 48.8	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
Total		$ 137.7	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED

Retail Cost Estimates

**Project-to-Date Actuals represent costs incurred from January 1, 2003 through July 31, 2023*

***The annual 2023 cost forecast for McDonough, Mitchell, Wansley, and Yates reflects these sites' third quarter 2023 CCR ARO liability revision. The 2023 annual forecast for the remainder of the sites is consistent with the Company's March 2023 Semi-Annual Status Report. The Company is currently reviewing all years in its CCR ARO estimates and expects updates by year-end for all projects.*

Note: Details may not add to totals due to rounding

Table 22. McDonough Current Estimated Cost by Executive Cost Code

($ in Millions)

	Project to Date Actuals Through July 2023*	August-December 2023 Forecast**	2024 Forecast	2025 Forecast	2026-2028 Forecast	2029-2031 Forecast	2032 -2078 Forecast	Total
Previous Closure Cost	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
Program Management	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
Front End Planning	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
Detailed Engineering Costs	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
Construction	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
Post Closure Costs	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
Total	$ 137.7	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED

Retail Cost Estimates

**Project-to-Date Actuals represent costs incurred from January 1, 2003 through July 31, 2023*

***The annual 2023 cost forecast for McDonough, Mitchell, Wansley, and Yates reflects these sites' third quarter 2023 CCR ARO liability revision. The 2023 annual forecast for the remainder of the sites is consistent with the Company's March 2023 Semi-Annual Status Report. The Company is currently reviewing all years in its CCR ARO estimates and expects updates by year-end for all projects.*

Note: Details may not add to totals due to rounding

Notes:

2023 year-to-date actuals through July of $9.6 million consist primarily of AP-1 dewatering activities, AP-1 civil works scope, and final stack and cover for AP-4, as well as groundwater monitoring costs for all four ash ponds. Activities expected during the remainder of 2023 include permitting submittal support, execution of the AP-4 grouting scope, AP-2 final stabilization, and demobilization of the prime contractor.

McIntosh

Table 23. McIntosh Current Estimated Cost by Ash Pond / Landfill

($ in Millions)

Ash Pond / Landfill	Closure Method	Project to Date Actuals Through July 2023*	August-December 2023 Forecast**	2024 Forecast	2025 Forecast	2026-2028 Forecast	2029-2031 Forecast	2032 -2078 Forecast	Total
AP-1	Closure by removal to permitted landfill	$ 21.6	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
Landfill 3	Closure in place	$ 2.7	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
Landfill 4	Closure in place	$ 9.0	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
Total		$ 33.2	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED

Retail Cost Estimates

**Project-to-Date Actuals represent costs incurred from January 1, 2003 through July 31, 2023*

***The annual 2023 cost forecast for McDonough, Mitchell, Wansley, and Yates reflects these sites' third quarter 2023 CCR ARO liability revision. The 2023 annual forecast for the remainder of the sites is consistent with the Company's March 2023 Semi-Annual Status Report. The Company is currently reviewing all years in its CCR ARO estimates and expects updates by year-end for all projects.*

Note: Details may not add to totals due to rounding

Table 24. McIntosh Current Estimated Cost by Executive Cost Code

($ in Millions)

	Project to Date Actuals Through July 2023*	August-December 2023 Forecast**	2024 Forecast	2025 Forecast	2026-2028 Forecast	2029-2031 Forecast	2032 -2078 Forecast	Total
Previous Closure Cost	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
Program Management	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
Front End Planning	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
Detailed Engineering Costs	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
Construction	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
Post Closure Costs	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
Total	$ 33.2	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED

Retail Cost Estimates

**Project-to-Date Actuals represent costs incurred from January 1, 2003 through July 31, 2023*

***The annual 2023 cost forecast for McDonough, Mitchell, Wansley, and Yates reflects these sites' third quarter 2023 CCR ARO liability revision. The 2023 annual forecast for the remainder of the sites is consistent with the Company's March 2023 Semi-Annual Status Report. The Company is currently reviewing all years in its CCR ARO estimates and expects updates by year-end for all projects.*

Note: Details may not add to totals due to rounding

Notes:

2023 year-to-date actuals through July of $2.0 million consist primarily of ash pond/landfill dike and dam maintenance and associated oversight. Activities expected during the remainder of 2023 include continued groundwater monitoring and continued program support and oversight.

McManus

Table 25. McManus Current Estimated Cost by Ash Pond / Landfill

($ in Millions)

Ash Pond / Landfill	Closure Method	Project to Date Actuals Through July 2023*	August-December 2023 Forecast**	2024 Forecast	2025 Forecast	2026-2028 Forecast	2029-2031 Forecast	2032 -2078 Forecast	Total
AP-1	Closure by removal to permitted landfill	$ 108.2	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
Total		$ 108.2	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED

Retail Cost Estimates

**Project-to-Date Actuals represent costs incurred from January 1, 2003 through July 31, 2023*

***The annual 2023 cost forecast for McDonough, Mitchell, Wansley, and Yates reflects these sites' third quarter 2023 CCR ARO liability revision. The 2023 annual forecast for the remainder of the sites is consistent with the Company's March 2023 Semi-Annual Status Report. The Company is currently reviewing all years in its CCR ARO estimates and expects updates by year-end for all projects.*

Note: Details may not add to totals due to rounding

Table 26. McManus Current Estimated Cost by Executive Cost Code

($ in Millions)

	Project to Date Actuals Through July 2023*	August-December 2023 Forecast**	2024 Forecast	2025 Forecast	2026-2028 Forecast	2029-2031 Forecast	2032 -2078 Forecast	Total
Previous Closure Cost	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
Program Management	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
Front End Planning	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
Detailed Engineering Costs	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
Construction	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
Post Closure Costs	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
Total	$ 108.2	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED

Retail Cost Estimates

**Project-to-Date Actuals represent costs incurred from January 1, 2003 through July 31, 2023*

***The annual 2023 cost forecast for McDonough, Mitchell, Wansley, and Yates reflects these sites' third quarter 2023 CCR ARO liability revision. The 2023 annual forecast for the remainder of the sites is consistent with the Company's March 2023 Semi-Annual Status Report. The Company is currently reviewing all years in its CCR ARO estimates and expects updates by year-end for all projects.*

Note: Details may not add to totals due to rounding

Notes:

2023 year-to-date actuals through July of $2.3 million consist primarily of ash pond dike and dam maintenance and associated oversight. Activities expected during the remainder of 2023 include continued groundwater monitoring, pond maintenance, and associated oversight.

Mitchell

Table 27. Mitchell Current Estimated Cost by Ash Pond / Landfill

($ in Millions)

Ash Pond / Landfill	Closure Method	Project to Date Actuals Through July 2023*	August-December 2023 Forecast**	2024 Forecast	2025 Forecast	2026-2028 Forecast	2029-2031 Forecast	2032 -2078 Forecast	Total
AP-A	Closure by removal to permitted landfill and beneficial reuse	$ 2.1	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
AP-1	Closure by removal to permitted landfill and beneficial reuse	$ 50.2	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
AP-2	Closure by removal to permitted landfill and beneficial reuse	$ 59.1	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
Total		$ 111.4	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED

Retail Cost Estimates

**Project-to-Date Actuals represent costs incurred from January 1, 2003 through July 31, 2023*

***The annual 2023 cost forecast for McDonough, Mitchell, Wansley, and Yates reflects these sites' third quarter 2023 CCR ARO liability revision. The 2023 annual forecast for the remainder of the sites is consistent with the Company's March 2023 Semi-Annual Status Report. The Company is currently reviewing all years in its CCR ARO estimates and expects updates by year-end for all projects.*

Note: Details may not add to totals due to rounding

Table 28. Mitchell Current Estimated Cost by Executive Cost Code

($ in Millions)

	Project to Date Actuals Through July 2023*	August-December 2023 Forecast**	2024 Forecast	2025 Forecast	2026-2028 Forecast	2029-2031 Forecast	2032 -2078 Forecast	Total
Previous Closure Cost	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
Program Management	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
Front End Planning	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
Detailed Engineering Costs	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
Construction	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
Post Closure Costs	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
Total	$ 111.4	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED

Retail Cost Estimates

**Project-to-Date Actuals represent costs incurred from January 1, 2003 through July 31, 2023*

***The annual 2023 cost forecast for McDonough, Mitchell, Wansley, and Yates reflects these sites' third quarter 2023 CCR ARO liability revision. The 2023 annual forecast for the remainder of the sites is consistent with the Company's March 2023 Semi-Annual Status Report. The Company is currently reviewing all years in its CCR ARO estimates and expects updates by year-end for all projects.*

Note: Details may not add to totals due to rounding

Notes:

2023 year-to-date actuals through July of $18.7 million consist primarily of AP-1/AP-2 CCR excavation, stacking and rail car loading. The cost of these activities is partially offset by beneficial use royalties. Activities expected during the remainder of 2023 include the continued excavation of AP-1/AP-2 and activities associated with the transport and beneficial use of CCR.

Scherer

Table 29. Scherer Current Estimated Cost by Ash Pond / Landfill

($ in Millions)

Ash Pond / Landfill	Closure Method	Project to Date Actuals Through July 2023*	August-December 2023 Forecast**	2024 Forecast	2025 Forecast	2026-2028 Forecast	2029-2031 Forecast	2032 -2078 Forecast	Total
AP-1	Advanced closure in place	$ 16.8	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
Landfill	Active landfill / closure in place	$ 0.0	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
Total		$ 16.8	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED

Retail Cost Estimates

**Project-to-Date Actuals represent costs incurred from January 1, 2003 through July 31, 2023*

***The annual 2023 cost forecast for McDonough, Mitchell, Wansley, and Yates reflects these sites' third quarter 2023 CCR ARO liability revision. The 2023 annual forecast for the remainder of the sites is consistent with the Company's March 2023 Semi-Annual Status Report. The Company is currently reviewing all years in its CCR ARO estimates and expects updates by year-end for all projects.*

Note: Details may not add to totals due to rounding

Table 30. Scherer Current Estimated Cost by Executive Cost Code

($ in Millions)

	Project to Date Actuals Through July 2023*	August-December 2023 Forecast**	2024 Forecast	2025 Forecast	2026-2028 Forecast	2029-2031 Forecast	2032 -2078 Forecast	Total
Previous Closure Cost	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
Program Management	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
Front End Planning	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
Detailed Engineering Costs	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
Construction	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
Post Closure Costs	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
Total	$ 16.8	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED

Retail Cost Estimates

**Project-to-Date Actuals represent costs incurred from January 1, 2003 through July 31, 2023*

***The annual 2023 cost forecast for McDonough, Mitchell, Wansley, and Yates reflects these sites' third quarter 2023 CCR ARO liability revision. The 2023 annual forecast for the remainder of the sites is consistent with the Company's March 2023 Semi-Annual Status Report. The Company is currently reviewing all years in its CCR ARO estimates and expects updates by year-end for all projects.*

Note: Details may not add to totals due to rounding

Notes:

2023 year-to-date actuals through July of $2.7 million consist primarily of procurement of piping and electrical materials to support the next phase of construction, procurement of dewatering equipment, completion of the early site work construction package, and initial mobilization of the pre-work contractor. Activities expected during the remainder of 2023 include further delivery of long lead-time electrical items, organics management, and the initiation of dewatering activities.

Wansley

Table 31. Wansley Current Estimated Cost by Ash Pond / Landfill

($ in Millions)

Ash Pond / Landfill	Closure Method	Project to Date Actuals Through July 2023*	August-December 2023 Forecast**	2024 Forecast	2025 Forecast	2026-2028 Forecast	2029-2031 Forecast	2032 -2078 Forecast	Total
AP-1	Closure by removal	$ 31.9	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
Landfill	Closure in place	$ (0.0)	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
Total		$ 31.9	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED

Retail Cost Estimates

**Project-to-Date Actuals represent costs incurred from January 1, 2003 through July 31, 2023*

***The annual 2023 cost forecast for McDonough, Mitchell, Wansley, and Yates reflects these sites' third quarter 2023 CCR ARO liability revision. The 2023 annual forecast for the remainder of the sites is consistent with the Company's March 2023 Semi-Annual Status Report. The Company is currently reviewing all years in its CCR ARO estimates and expects updates by year-end for all projects.*

Note: Details may not add to totals due to rounding

Table 32. Wansley Current Estimated Cost by Executive Cost Code

($ in Millions)

	Project to Date Actuals Through July 2023*	August-December 2023 Forecast**	2024 Forecast	2025 Forecast	2026-2028 Forecast	2029-2031 Forecast	2032 -2078 Forecast	Total
Previous Closure Cost	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
Program Management	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
Front End Planning	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
Detailed Engineering Costs	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
Construction	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
Post Closure Costs	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
Total	$ 31.9	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED

Retail Cost Estimates

**Project-to-Date Actuals represent costs incurred from January 1, 2003 through July 31, 2023*

***The annual 2023 cost forecast for McDonough, Mitchell, Wansley, and Yates reflects these sites' third quarter 2023 CCR ARO liability revision. The 2023 annual forecast for the remainder of the sites is consistent with the Company's March 2023 Semi-Annual Status Report. The Company is currently reviewing all years in its CCR ARO estimates and expects updates by year-end for all projects.*

Note: Details may not add to totals due to rounding

Notes:

2023 year-to-date actuals through July of $7.6 million consist primarily of review and technical support for Wansley AP-1 permit, continued front-end planning activities, continued dewatering system recirculation, and procurement of streambank mitigation credits. Activities expected during the remainder of 2023 include continued groundwater monitoring, detailed engineering design and final batch of streambank mitigation credits.

Yates

Table 33. Yates Current Estimated Cost by Ash Pond / Landfill

($ in Millions)

Ash Pond / Landfill	Closure Method	Project to Date Actuals Through July 2023*	August-December 2023 Forecast**	2024 Forecast	2025 Forecast	2026-2028 Forecast	2029-2031 Forecast	2032 -2078 Forecast	Total
AP-1	Closure by removal	$ 17.3	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
AP-2	Closure by removal	$ 119.9	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
AP-3	Advanced closure in place	$ 79.6	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
AP-A	Closure by removal	$ 17.2	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
AP-B	Closure by removal	$ 16.2	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
AP-B'	Advanced closure in place	$ 11.6	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
Gypsum Landfill	Inactive landfill / closure by removal to permitted landfill and beneficial reuse	$ 4.4	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
R6 Landfill	Inactive landfill / closure in place	$ 33.1	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
		$ 299.2	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED

Retail Cost Estimates

**Project-to-Date Actuals represent costs incurred from January 1, 2003 through July 31, 2023*

***The annual 2023 cost forecast for McDonough, Mitchell, Wansley, and Yates reflects these sites' third quarter 2023 CCR ARO liability revision. The 2023 annual forecast for the remainder of the sites is consistent with the Company's March 2023 Semi-Annual Status Report. The Company is currently reviewing all years in its CCR ARO estimates and expects updates by year-end for all projects.*

Note: Details may not add to totals due to rounding

Table 34. Yates Current Estimated Cost by Executive Cost Code

($ in Millions)

	Project to Date Actuals Through July 2023*	August-December 2023 Forecast**	2024 Forecast	2025 Forecast	2026-2028 Forecast	2029-2031 Forecast	2032 -2078 Forecast	Total
Previous Closure Cost	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
Program Management	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
Front End Planning	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
Detailed Engineering Costs	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
Construction	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
Post Closure Costs	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
Total	$ 299.2	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED

Retail Cost Estimates

**Project-to-Date Actuals represent costs incurred from January 1, 2003 through July 31, 2023*

***The annual 2023 cost forecast for McDonough, Mitchell, Wansley, and Yates reflects these sites' third quarter 2023 CCR ARO liability revision. The 2023 annual forecast for the remainder of the sites is consistent with the Company's March 2023 Semi-Annual Status Report. The Company is currently reviewing all years in its CCR ARO estimates and expects updates by year-end for all projects.*

Note: Details may not add to totals due to rounding

Notes:

2023 year-to-date actuals through July of $16.1 million consist primarily of excavation, stacking and cover of CCR. The site also continues to progress final site restoration/backfill activities. Activities expected during the remainder of 2023 include continued site work restoration as well as ongoing dewatering/water management.