

# First Quarter 2021 Earnings Results Call May 11, 2021



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This presentation includes forward-looking statements within the meaning of Section 21E of the Securities Exchange Act of 1934, which provides a "safe harbor" for such statements in certain circumstances. The forward-looking statements include statements or expectations regarding cash flows from refined coal ("RC"); opportunities for optimizing APT operations by increased utilization of plant capacity and expected APT timing of the payoff of our outstanding loan; success on RC cash perseveration strategies; improving potential growth opportunities, including new markets and other APT strategic initiatives; our success in executing our 2021 priorities; expected schedule of repayment of senior term loan and results from the Company's review of strategic alternatives. These statements are based on current expectations, estimates, projections, beliefs and assumptions of our management. Such statements involve significant risks and uncertainties. Actual events or results could differ materially from those discussed in the forward-looking statements as a result of various factors, including but not limited to, the rate of coal-fired power generation in the United States; changes and timing in laws, regulations, IRS interpretations or guidance, and accounting rules; changes in prices, economic conditions and market demand; impact of competition; technical, start-up and operational difficulties; availability of raw materials; customer demand for our APT products; competition within the industries in which we operate; availability of opportunities to further grow our business; loss of key personnel; ongoing effects of the COVID-19 pandemic and associated economic downturn on our operations and prospects; and other factors discussed in greater detail in our filings with the SEC. You are cautioned not to place undue reliance on such statements and to consult our SEC filings for additional risks and uncertainties that may apply to our business and the ownership of our securities. Our forward-looking statements are presente



# FIRST QUARTER 2021 BUSINESS SUMMARY



#### Refined Coal ("RC")

- Q1 distributions were \$23.3M compared to \$17.1M
- Q1 royalties were \$4.1M compared to \$3.0M
- Q1 segment operating income was \$22.3M compared to \$10.9M
- Q1 Segment Adjusted EBITDA<sup>(1)</sup> was \$27.2M compared to \$19.9M



# Advanced Purification Technologies ("APT")

- Q1 revenue was \$17.0M compared to \$9.2M; Q1 gross profit was \$4.6M compared to a loss of \$2.3M
- Q1 segment operating income totaled \$15.0K compared to segment operating loss of \$7.4M
- Q1 segment EBITDA <sup>(1)</sup> of \$2.2M compared to a segment EBITDA loss of \$5.0M
- Embedded growth drivers



# Consolidated Results & Capital Allocation

- Q1 net income of \$13.7M compared to a net loss of \$1.9M
- Q1 consolidated Adjusted EBITDA
  <sup>(2)</sup> of \$26.1M compared to \$10.8M
- Reduced term-loan balance by \$10.0M to \$6.0M, with anticipation to pay off during second quarter
- Cash, including restricted cash, of \$52.2M

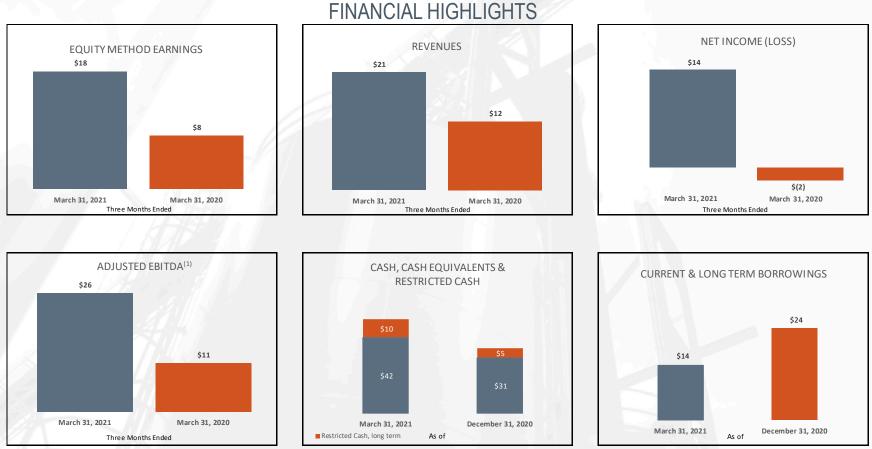


### Outlook

- Net, after-tax cash flows from RC segment projected to be between \$50M to \$60M
- Expect continued APT segment performance improvement in 2021 as plant capacity is utilized and lowcost nature of the assets is realized
- Initiated strategic alternatives review

(1) Segment EBITDA and Segment Adjusted EBITDA are a non-GAAP measure. See Appendix for definitions and reconciliations.

(2) Adjusted EBITDA is a non-GAAP measure. See Appendix for definitions and reconciliations



(1) Adjusted EBITDA is a non-GAAP measure. See Appendix for definitions and reconciliations.

# EXPECTED FUTURE REFINED COAL ("RC") CASH FLOWS

- Based on 23 invested facilities as of March 31, 2021 and includes all net RC cash flows of ADES <sup>(1)</sup>
- Expected future net RC cash flows of \$50 million to \$60 million to ADES in total <sup>(2)</sup>
- Absent an extension to the scheduled tax credit expiration on December 31, 2021, which is not expected, Tinuum does not anticipate to have any additional facility transactions

#### EXPECTED FUTURE CASH FLOWS FROM RC BUSINESS <sup>(1)</sup> (in millions)



Net projected RC cash flows include the impact of all expected Tinuum distributions and royalty payments offset by the Company's federal and state tax payments as well as 453A interest payments
 The expectation is based on the following four key assumptions: 1) Tinuum Group continues to not operate retained facilities; 2) Tinuum Group does not have material unexpected CapEx or unusual operating expenses based on expectations as of the balance sheet date; 3) tax equity lease renewals are not terminated or repriced; and 4) coal-fired generation remains consistent with contractual expectations

# APT SEGMENT GROWTH OPPORTUNITIES

#### Mercury Removal

Became provider-of-choice in mercury removal for coal-fired power generation immediately upon acquiring ADA Carbon Solutions and we leverage our existing IP, technologies and relationships to maintain our market position. However, this market remains structurally more challenged as aggregate coal burn declines.

#### Industrial Applications and Municipal Water

In response, we have developed a solid market position for certain Industrial applications – including markets that ADA Carbon Solutions did not previously serve. Additionally, our water volumes continue to exceed our forecasts.

#### Adjacent Markets

More specialized applications, offering higher margin and higher growth commercial market opportunities. The quality of Red River plant offers us the asset base to pursue these adjacent markets.

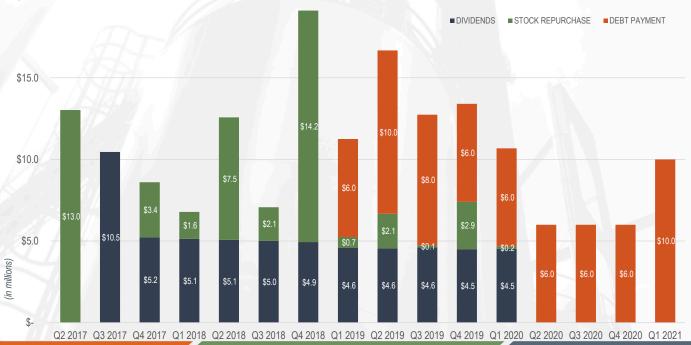


#### **Provider of Choice**

Premier provider of activated carbon and wellpositioned to capitalize on emerging opportunities as evidenced by recent supply agreement announcements. Our projected volumes for 2021 are higher than any year since the acquisition of ADA Carbon Solutions, helped by the Cabot announcements, and we are selling into a more balanced mix of commercial markets.



- Company has returned \$106.4 million in dividends and share repurchases through the Capital Allocation program <sup>(1)</sup>, since inception
- \$6.0 million balance on the senior term loan, which is planned to be paid off in Q2 2021
- Near-term focus on debt repayment, liquidity, investment in APT segment and shareholder value maximization via strategic alternatives process \$20.0







# OPTIMIZE REFINED COAL NET CASH FLOWS:

- Protect current forecasted cash flow stream to support capital allocation initiatives
- Maximize operational performance to produce RC and execute on plans for end of Tinuum businesses



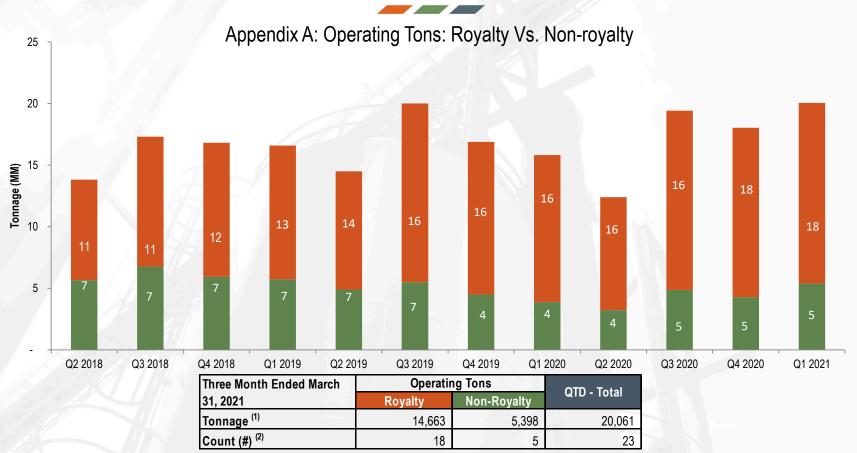
#### FURTHER SCALE APT SEGMENT TO IMPROVE PROFITABILITY:

- Optimize Red River's capacity utilization to fully capture the low-cost benefit of the highly efficient plant
- Defend share in mercury control market while diversifying further into non-power generation markets to improve the earnings profile of the business
- Remain vigilant for additional rationalization opportunities and supply agreements
- Improved margin through customer and product mix

## **OPTIMIZE CASH FLOWS & ASSETS TO DRIVE SHAREHOLDER VALUE:**

- Continued de-leveraging of the senior term loan
- Invest in APT segment's strategic initiatives to solidify position as provider-of-choice for activated carbon
- Execute strategic alternatives review to assess opportunities to maximize shareholder value

# APPENDIX



Note: Numbers within bar graph represent the number of facilities per category as of the end of each quarter presented

(1) Tonnage information is based upon RC production for the three months ended March 31, 2021 (in thousands) (2) Counts are based upon the number of facilities of which a royalty has been earned during the period



# Appendix B: 10-Q Balance Sheet<sup>(1)</sup>

Appointing D. To & Balance check		As of			
in thousands, except share data)	March 31, 2021		December 31, 2020		
ASSETS					
Current assets:		40.004	•		
Cash, cash equivalents and restricted cash	\$	42,234	\$	30,932	
Receivables, net		10,349		13,125	
Receivables, related parties		4,064		3,453	
Inventories, net		8,040		9,882	
Prepaid expenses and other assets		3,420		4,59	
Total current assets		68,107		61,98	
Restricted cash, long-term		10,000		5,00	
Property, plant and equipment, net of accumulated depreciation of \$4,172 and \$3,340, respectively		29,777		29,433	
Intangible assets, net		1,804		1,96	
Equity method investments		2,753		7,69	
Deferred tax assets, net		7,553		10,60	
Other long-term assets, net	-	31,576	-	29,98	
Total Assets	\$	151,570	\$	146,67	
IABILITIES AND STOCKHOLDERS' EQUITY					
Current liabilities:					
Accounts payable	\$	7,908	\$	7,84	
Accrued payroll and related liabilities		2,214		3,25	
Current portion of long-term debt		9,913		18,44	
Other current liabilities		14,888		12,99	
Total current liabilities		34,923	_	42,54	
Long-term debt, net of current portion		4,287		5,44	
Other long-term liabilities		13,208		13,47	
Total Liabilities		52,418		61,46	
Commitments and contingencies (Note 11)					
Stockholders' equity:					
Preferred stock: par value of \$.001 per share, 50,000,000 shares authorized, none outstanding				-	
Common stock: par value of \$.001 per share, 100,000,000 shares authorized, 23,481,648 and 23,141,284 shares issued, and 18,863,502 and 18,523,138 shares outstanding at March 31, 2021 and December 31, 2020, respectively		23		2	
Treasury stock, at cost: 4,618,146 and 4,618,146 shares as of March 31, 2021 and December 31, 2020, respectively		(47,692)		(47,69)	
Additional paid-in capital		100,630		100,42	
Retained earnings		46,191		32,45	
Total stockholders' equity		99,152		85,21	
Total Liabilities and Stockholders' Equity	\$	151,570	\$	146,67	

(1) See complete, unaudited Condensed Consolidated Financial Statements and Notes related thereto within the Quarterly Report on Form 10-Q for the period ended March 31, 2021.



### Appendix C: 10-Q Income Statement<sup>(1)</sup>

	Т	Three Months Ended March 31,				
(in thousands, except per share data)		2021		2020		
Revenues:						
Consumables	\$	17,031	\$	9,217		
License royalties, related party		4,066		3,046		
Total revenues		21,097		12,263		
Operating expenses:						
Consumables cost of revenue, exclusive of depreciation and amortization		12,474		11,491		
Payroll and benefits		2,469		2,742		
Legal and professional fees		1,803		2,043		
General and administrative		1,915		2,331		
Depreciation, amortization, depletion and accretion		2,106		2,297		
Total operating expenses		20,767		20,904		
Operating income (loss)		330		(8,641)		
Other income (expense):	and the second se					
Earnings from equity method investments		18,312		8,273		
Interest expense		(837)		(1,210)		
Other		421		43		
Total other income	\$	17,896	\$	7,106		
Income (loss) before income tax expense		18,226	111	(1,535)		
Income tax expense		4,489		358		
Net income (loss)	\$	13,737	\$	(1,893)		
Earnings (loss) per common share (Note 1):						
Basic	\$	0.76	\$	(0.11)		
Diluted	\$	0.75	\$	(0.11)		
Weighted-average number of common shares outstanding:						
Basic		18,166		17,932		
Diluted		18,274		17,932		

(1) See complete, unaudited Condensed Consolidated Financial Statements and Notes related thereto within the Quarterly Report on Form 10-Q for the period ended March 31, 2021.

# Appendix D: 10-Q Cash Flow<sup>(1)</sup>

		Three Months Ended March 31,			
(in thousands)	1 1/4	2021	2020		
Cash flows from operating activities					
Net income (loss)	\$	13,737 \$	(1,893		
Adjustments to reconcile net income (loss) to net cash provided by operating activities:					
Deferred income tax expense		3,051	788		
Depreciation, amortization, depletion and accretion		2,106	2,297		
Operating lease expense		379	774		
Amortization of debt discount and debt issuance costs		591	354		
Stock-based compensation expense		421	506		
Earnings from equity method investments		(18,312)	(8,273		
Other non-cash items, net		(273)	-		
Changes in operating assets and liabilities:					
Receivables and related party receivables		2,147	2,988		
Prepaid expenses and other assets		1,178	226		
Inventories, net		1,548	1,572		
Other long-term assets, net		(1,817)	(89		
Accounts payable		(706)	(1,477		
Accrued payroll and related liabilities		(1,043)	(973		
Other current liabilities		1,305	(23		
Operating lease liabilities		2,104	(634		
Other long-term liabilities		(2,113)	(22		
Distributions from equity method investees, return on investment		17,644	17,116		
Net cash provided by operating activities		21,947	13,237		

(1) See complete, unaudited Condensed Consolidated Financial Statements and Notes related thereto within the Quarterly Report on Form 10-Q for the period ended March 31, 2021.

# Appendix D: 10-Q Cash Flow (continued)<sup>(1)</sup>

	Three Months Ended March 31,			
(in thousands)	2021		2020	
Cash flows from investing activities				
Distributions from equity method investees in excess of cumulative earnings	\$ 5,607	\$	_	
Acquisition of property, plant, equipment, and intangible assets, net	(1,321)		(1,289)	
Mine development costs	(248)		(447)	
Proceeds from sale of property and equipment	848		_	
Net cash provided by (used in) investing activities	4,886		(1,736)	
Cash flows from financing activities				
Principal payments on term loan	(10,000)		(6,000)	
Principal payments on finance lease obligations	(315)		(340)	
Dividends paid			(4,518)	
Repurchase of common shares	-		(159)	
Repurchase of common shares to satisfy tax withholdings	(216)		(376)	
Net cash used in financing activities	(10,531)		(11,393)	
Increase in Cash and Cash Equivalents and Restricted Cash	 16,302		108	
Cash and Cash Equivalents and Restricted Cash, beginning of period	35,932		17,080	
Cash and Cash Equivalents and Restricted Cash, end of period	\$ 52,234	\$	17,188	
Supplemental disclosure of non-cash investing and financing activities:			- 10 C	
Acquisition of property, plant and equipment through accounts payable	\$ 765	\$	1,890	
Dividends payable	\$ -	\$	105	



#### Appendix E: Non-GAAP Financial Measure & Consolidated Adjusted EBITDA Reconciliation to Net Income

#### Note on Non-GAAP Financial Measures

To supplement the Company's financial information presented in accordance with U.S. generally accepted accounting principles, or GAAP, this investor presentation includes non-GAAP measures of certain financial performance. These non-GAAP measures include Consolidated Adjusted EBITDA, APT Segment EBITDA and RC Segment Adjusted EBITDA. The Company included non-GAAP measures because management believes that they help to facilitate comparison of operating results between periods. The Company believes the non-GAAP measures provide useful information to both management and users of the financial statements by excluding certain expenses that may not be indicative of core operating results and business outlook. These non-GAAP measures are not in accordance with, or an alternative to, measures prepared in accordance with GAAP and may be different from non-GAAP measures used by other companies. In addition, these non-GAAP measures are not based on any comprehensive set of accounting rules or principles. These measures should only be used to evaluate the Company's results of operations in conjunction with the corresponding GAAP measures.

The Company has defined Consolidated Adjusted EBITDA as net income, adjusted for the impact of the following items that are either non-cash or that the Company does not consider representative of its ongoing operating performance: depreciation, amortization, depletion and accretion, amortization of upfront customer consideration, interest expense, net, income tax expense; then reduced by the non-cash impact of equity earnings from equity method investments and increased by cash distributions from equity method investments. The Company believes that the Consolidated Adjusted EBITDA measure is less susceptible to variances that affect the Company's operating performance.

Segment EBITDA is calculated as Segment operating income (loss) adjusted for the impact of the following items that are either non-cash or that the Company does not consider representative of its ongoing operating performance: depreciation, amortization, depletion and accretion, amortization of upfront customer consideration and interest expense, net. When used in conjunction with GAAP financial measures, Segment EBITDA is a supplemental measure of operating performance that management believes is a useful measure related the Company's APT segment performance and the APT segment performance of their respective competitors as well as performance period over period. Additionally, the Company believes these measure are less susceptible to variances that affect their respective operating performance results.

The Company defines RC Segment Adjusted EBITDA as RC Segment EBITDA reduced by the non-cash impact of equity earnings from equity method investments and increased by cash distributions from equity method investments.

The Company defined APT Segment Adjusted EBITDA as APT Segment EBITDA as there are no additional adjustments made to the APT segment.

The Company presents the non-GAAP measures because the Company believes they are useful as supplemental measures in evaluating the performance of the Company's operating performance and provide greater transparency into the results of operations. The Company's management uses Consolidated Adjusted EBITDA, RC Segment Adjusted EBITDA and APT Segment EBITDA as factors in evaluating the performance of its business.

The adjustments to Consolidated Adjusted EBITDA, RC Segment Adjusted EBITDA and APT Segment EBITDA in future periods are generally expected to be similar. Consolidated Adjusted EBITDA, RC Segment Adjusted EBITDA and APT Segment EBITDA have limitations as analytical tools, and you should not consider these measures in isolation or as a substitute for analyzing the Company's results as reported under GAAP.



Appendix F: Non-GAAP Financial Measures & Consolidated Adjusted EBITDA Reconciliation to Net Income (Loss)

(in thousands)	Three	Three Months Ended March 31,			
	2021	í	2020		
Net income (loss)	\$	13,737 \$	6 (1,893)		
Depreciation, amortization, depletion and accretion		2,106	2,297		
Amortization of Upfront Customer Consideration		127	-		
Interest expense, net		729	1,167		
Income tax expense		4,489	358		
Consolidated EBITDA		21,188	1,929		
Cash distributions from equity method investees		23,251	17,116		
Equity earnings		(18,312)	(8,273)		
Consolidated Adjusted EBITDA	\$	26,127 \$	5 10,772		



#### Appendix G: RC Segment Adjusted EBITDA Reconciliation to Segment Operating Income

	T	Three Months Ended March 31,			
(in thousands)		2021		2020	
RC Segment operating income	\$	22,266	\$	10,860	
Depreciation, amortization, depletion and accretion		20		27	
Interest expense		_		132	
RC Segment EBITDA		22,286		11,019	
Cash distributions from equity method investees		23,251		17,116	
Equity earnings		(18,312)		(8,273)	
RC Segment Adjusted EBITDA	\$	27,225	\$	19,862	

#### Appendix H: APT Segment EBITDA Reconciliation to Segment Operating Income (Loss)

	Three Months Ended March 31,			
(in thousands)	202	1		2020
APT Segment operating income (loss)	\$	15	\$	(7,370)
Depreciation, amortization, depletion and accretion		1,932		2,244
Amortization of Upfront Customer Consideration		127		-
Interest expense, net		79		94
APT Segment EBITDA (loss)	\$	2,153	\$	(5,032)