



### **RBC Capital Markets**

# Global Energy, Power & Infrastructure Conference

June 9, 2021

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# **Investment Highlights**

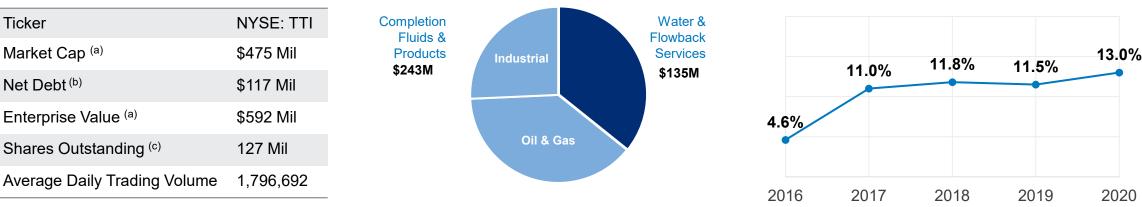


Global leader in onshore water management, high-value completion fluids and related industrial chemicals. Uniquely positioned for a recovering Oil and Gas market and an accelerating Energy Transition market

- Diverse revenue stream from O&G, industrial, US & international, onshore & offshore
- Industry innovation leader & vertically integrated Completions Fluids & Products segment
- Leading water management service provider in the Permian Basin
- Key mineral reserves and chemistry R&D expertise for low carbon energy



### Improving Adjusted EBITDA Margins



(a) As of 6/4/2021 (b) As of 3/31/2021 (c) As of 5/3/2021. Enterprise value, Net debt and Adjusted EBITDA margins are non-GAAP financial measure. See "Non-GAAP Reconciliation" in appendix for more information and reconciliation

2020 Revenue Mix

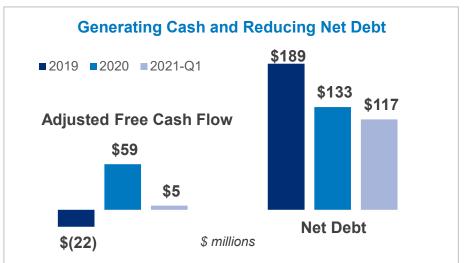
### **Stock and Market Information**

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# **Recent Highlights**



- Q1 adjusted EBITDA of \$9M and adjusted FCF of \$5.4M
- MOU with **CarbonFree** to jointly advance innovative carbon capture technology
- Advancing **PureFlow**<sup>™</sup> high purity zinc-bromide energy storage
- Standard Lithium initiated economic assessment to produce lithium from TETRA leases
- Reduced term loan from \$221M at 9/30/20 to \$184M at 3/31/21
- Recent insider buying activity





# **Compelling ESG\* Story**





- Innovative environmentally-friendly (non-zinc) CS Neptune<sup>®</sup> fluids technology
- Recycling and reusing
  produced water
- Proprietary leak-resistant
  water transfer systems

### Low Carbon Energy



- Significant bromine reserves with high quantities of lithium
- High purity zinc-bromide for mass energy storage
- MOU for calcium chloride
  applications for carbon
  capture

#### Governance



- Separate chair and CEO
- Ongoing board
  refreshment
- Executive compensation aligned with shareholder returns
- Active shareholder
  engagement program

### Health & Safety



- Strong culture of QHS&E drives product & service delivery
- Monitoring systems for all vehicles drives exceptional performance
- Customer recognition of environmental stewardship

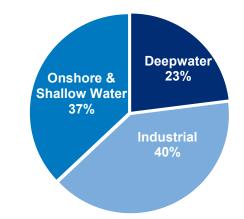
\* Environment, Social and Governance

## **Business Segments**



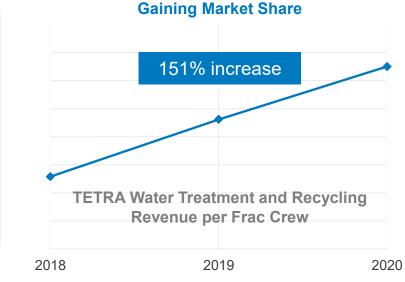


- Over 30% market share<sup>\*</sup> for high value completion fluids
- Innovation leader with TETRA CS Neptune<sup>®</sup>
- Global infrastructure with 20-year bromine supply agreement
- Diverse and stable industrial chemicals business





- Leading water treatment and recycling position in the Permian Basin
- Compelling integrated water solutions offerings
- Gaining market share with differentiated technologies
- Digitizing field operations, significantly reducing well site costs



2020 Completion Fluids & Products Revenue

\* Management estimate; may not correspond to relevant markets anti-trust law

# Low Carbon Energy Opportunities





- 27,000 acres of brine leases in Arkansas with inferred **lithium** carbonate equivalent resources of 890,000 tons and an estimated 3.9 million tons of **bromine** resources
- \$3.1M of earnings in 2020 from Standard Lithium agreement (TSX:SLL)
- SLL agreement for royalty from lithium sales; TETRA has ownership of all extracted bromine



- Emerging energy storage market using **zinc bromide**
- TETRA's **PureFlow** is one of the highest purity zinc bromides in the world
- Represents an additional potential market for TETRA's zinc bromide products with no capital investment required

# Carbon Capture

- MOU with CarbonFree to advance technology and agree on joint development and commercial terms
- CarbonFree requires large volumes of **calcium chloride** for carbon capture
- TETRA is a global leader in the production of calcium chloride, with capacity to double production

# **Energy Transition Requires a Mind Shift**

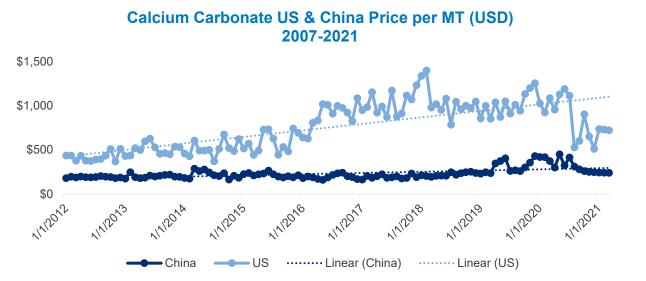






Global electrification and carbon mineralization requires mind shift from oil and gas reserves to key mineral reserves and extraction technology

TETRA's in-situ value based on estimated resources of \$18 billion<sup>(1)</sup>



(1) Management estimates

# **Carbon Capture and Utilization (CCU)**



- Memorandum of understanding (MOU) with CarbonFree, a carbon capture company that mineralizes CO2 emissions to make commercial, carbon-negative chemicals
- CarbonFree's SkyCycle a second-generation carbon mineralization technology using Calcium Chloride as the key conversion chemistry
- TETRA will bring its global leadership in the production of calcium chloride, supply chain network and technical expertise
- During the one-year MOU period, Companies will work towards a definitive agreement, which might include:
  - » Investments by TETRA into CarbonFree
  - » Joint Venture
  - » Other commercial agreements

# **CARB NFREE**



**SKYCYCLE™** 

# **Completion Fluids & Products**



# **Diverse Fluids Revenue Streams**



- Competitive advantage as only vertically integrated completion fluids service provider
  - » Long-term bromine and acid supply agreements
  - » Plants and facilities fully built, require minimal capital
  - » Broad global logistics and distribution network
  - » World class chemists & scientists
- Significant Industrial Chemicals Business
  - » Calcium chloride is a major industrial chemical with a durable demand profile
  - » Largest producer of calcium chloride in Europe
  - » 2nd largest producer of calcium chloride in the US
- Non-oil & gas calcium chloride applications
  - » Agriculture
  - » Food & beverage
  - » De-icing & dust control
  - » Construction Materials





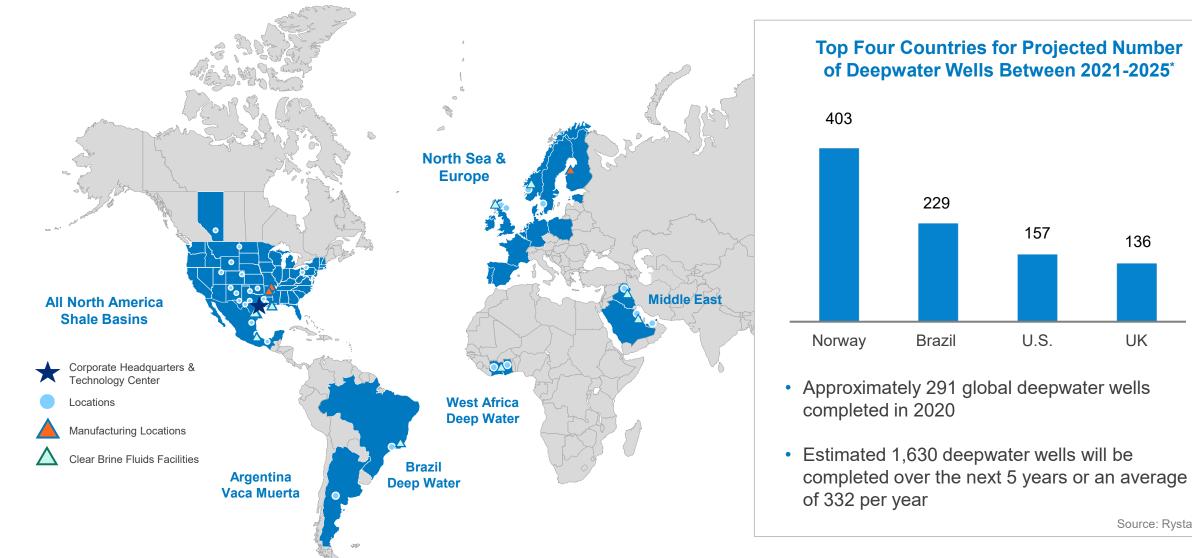
### **TETRA's Fluids Network Serving Key Global Deepwater Markets**



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UK

Source: Rystad



# **CS Neptune<sup>®</sup> Fluids Technology**



- Prestigious E&P Special Meritorious Engineering Award winner for Innovation in Drilling Fluids and Stimulation category
- Co-authored <u>SPE technical paper</u> with major operator for successful multiple Gulf of Mexico projects
- Zinc-free & priority pollutants-free, does not require zero-discharge handling
- Global environmental acceptability and low health and safety risks





#### SPE/IADC-204095-MS

### The Successful Development, Validation, and First Use of an Innovative Zinc-Free, High-Density Completion Fluid for Deepwater

Samy A. Helmy, Judith K. Guy-Caffey, and Leroy J. Detiveaux, TETRA Technologies, Inc.; Sabine C. Zeilinger, Mike D. Barry, and Cliff Aaron Corbell, ExxonMobil Upstream Integrated Solutions

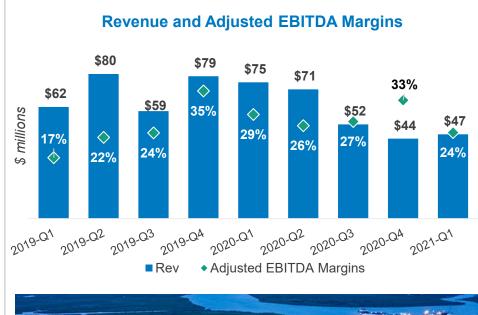
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# **Resilient High Value Fluids Business Model**







# Vertically integrated with technology, cost and logistics advantages

- Third party report on Gulf of Mexico completions fluids recognizes TETRA as "Value Advantage" and "Highest Customer Loyalty" provider
- Q1 Adjusted EBITDA margin of 23.7%
- Eighth consecutive quarter with Adj. EBITDA above 20%
- Increasing deepwater activity expected in late 2021 and beyond including projects delayed by pandemic in 2020
- Minimal dependency on North America onshore shale markets

Adjusted EBITDA and adjusted EBITDA margins are non-GAAP financial measures. See "Non-GAAP Reconciliation" in appendix for more information and reconciliation to net loss

# Water & Flowback Services



# Water Management



United States Water Services Market (2021)

Capital Intensity	Service Segment	Market Size %	2021 – 2025 CAGR
1	Disposal	32%	3%
	Acquisition	8%	5%
	Hauling	23%	1%
	Treatment	11%	9%
TETRA	**Flowback & PT	10%	4%
)fferings	Transfer	5%	8%
	Storage	11%	4%
		100%	
	** Includes International Flowback and PT		Source: Rystad & Spears

• Market estimated to be >\$20B

- Focused on value-added, differentiated, environmentally-friendly offerings in the highest return on investment water market segments
- Digitizing operations with remote monitoring and control improves operating efficiencies and lowers cost
- Asset light, low capital requirements
  business model

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# **Digitized Integrated Water Management Solution**





# **Differentiating through Technology and Digitization**



### TETRA Steel<sup>™</sup> 1200 Lay Flat Hose

- Leader in produced water market
- Transferred ~ 100M bbls of produced water in Permian basin in 2020, 40M bbls in rest of the U.S.
- Exclusive supplier agreement



### BlueLinx<sup>™</sup> Automated Control System

- Safer and improved service quality
- Entire system digitization and automation reduces operating costs & personnel requirements



### SandStorm<sup>™</sup> Advanced Cyclone Technology

- Up to 100% sand capture efficiency (vs. 45-55% for traditional units)
- Modular design adaptable to different operating conditions
- Expanding internationally



### Produced Water Treatment & Recycling

- Working with universities and other technology groups to maximize water recovery and reuse
- Permian basin automated facility recycling 100,000 bbls/day



# Water & Flowback Services





# Market share gains due to our technologies, digitizing operations and integrated solutions

- Secured second project in Argentina for a fully automated sand recovery using SandStorm<sup>™</sup> technology
- Record high 47 integrated Water Management projects in Q1 with 22 different customers
- Adjusted EBITDA positive for all quarters of 2020 and 2021-Q1 despite negative impact of winter storm

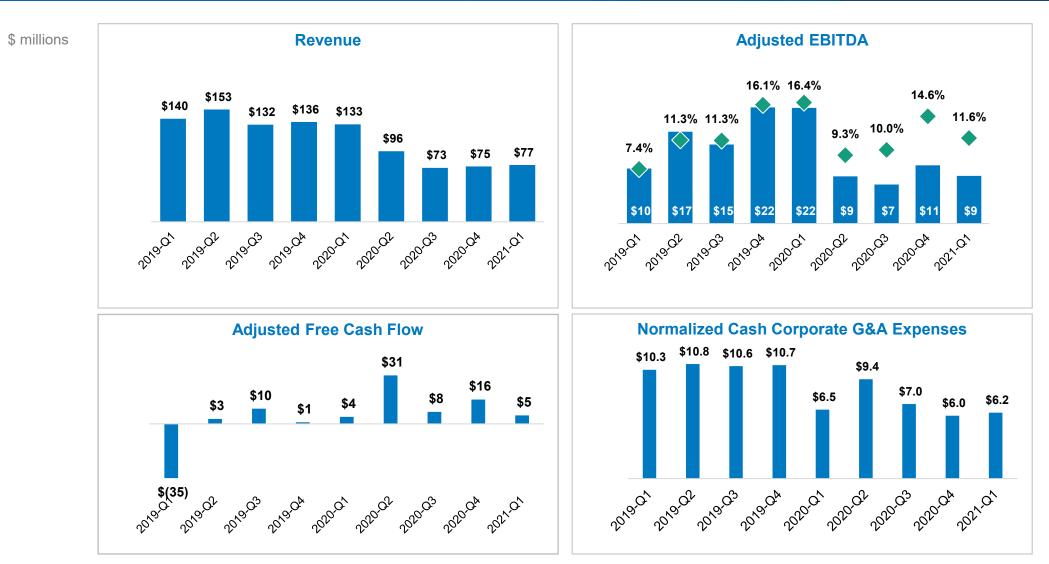
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# Financial Overview and Summary



# **Quarterly Financial Trends**





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hnologies, Inc. Adjusted EBITDA, adjusted EBITDA margins and adjusted free cash flow are non-GAAP financial measures. See "Non-GAAP Reconciliation" in appendix for more information and reconciliation to net loss

# **Enhanced Capital Structure**



- Deconsolidation of CSI Compressco allows TETRA to "screen" better
- Potential to be included in the Russell 2000
- Reduced term loan by \$36M since Q3-2020
- Net debt<sup>(2)</sup> of \$117M at 3/31/21
- Term loan matures August 2025



### Balance Sheet and Liquidity<sup>(1)</sup>

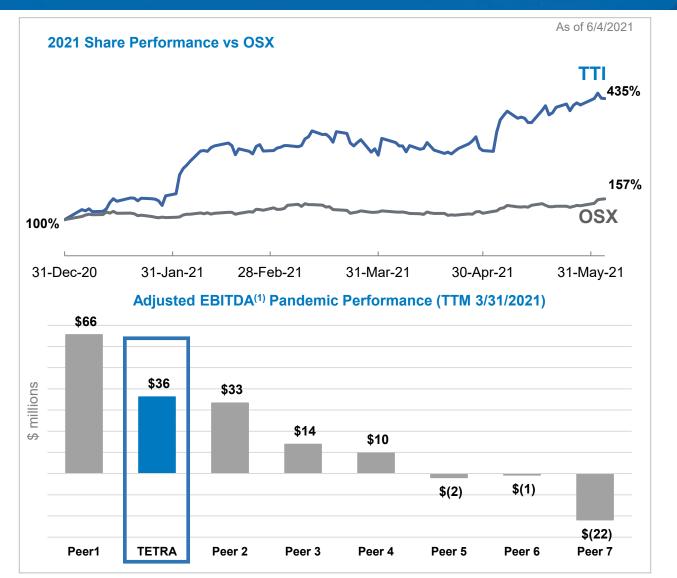
\$ millions, except ratios and %	S	
Cash	\$	54
Debt		
ABL (Aug, 2023 maturity)	\$	-
Term Loan <sup>(2)</sup>	\$	171
Gross Net Debt	\$	117
Market Capitalization Net Debt/Market Capitalization	\$	475 25%
Total Liquidity Cash	\$	54
ABL Availability	\$	27
Total Liquidity	\$	81

Additionally, TETRA owns 5.2 million common units of CSI Compressco and 1.2 million shares of Standard Lithium

(1) All metrics as of 3/31/2021 except for market capitalization, which is as of 6/4/2021

(2) Debt is net of financing fees. Gross debt is higher than debt with financing fees

# **Market Performance & Capital Allocation**



### **Capital Allocation Priorities**

- Focused on two core segments targeting organic investments with cash paybacks
   <18 months</li>
- Reduce outstanding debt, targeting leverage ratio below 2.0X
- Opportunistically invest in low carbon energy initiatives, including creating JV agreements, and/or funding technology investments
- Constantly evaluate debt markets to extend
  2025 maturity and reduce cost of capital

Adjusted EBITDA calculated & communicated by peers and competitors, which include not in sequence NewPark Resources, Inc., Select Energy Services, Inc., CES Energy Solutions Corp, Forum Energy Technologies, Inc., Dril-Quip, Inc, Oil States International, Inc., Solaris Oilfield Infrastructure, Inc.

TETR/

# **Investment Highlights**



- Build on core competencies of fluids and aqueous chemistry
  - » Industry leading position on high value completion fluids
  - » Vertically integrated chemicals business participating in multiple industry segments
  - » Market leading position for treating and recycling produced water
  - » Leverage digitization and differentiation for Water Management and Flowback Services
- Priority on differentiated, low capital-intensive offerings focused on generating free cash flow and returns above cost of capital
- Exploit key mineral resources and vertical integration to create growth opportunities outside the O&G market
- Explore consolidation opportunities to gain critical mass
- Potential to be included in the Russell 2000 Index in June, 2021



# Appendix



# **Market Capitalization and Enterprise value**



(thousands, except per share amounts) Market Capitalization: TTI

Enterprise Value	\$ 591,702
Less: Non-restricted Cash, as of 03/31/2021	 (54,163)
Total debt, as of 03/31/2021	171,160
Stock Price	474,705
Market capitalization based on 06/04/2021	
Enterprise Value: TTI	
Market Capitalization	\$ 474,705
Shares outstanding as of 05/03/2021	126,588
Market price per share on 06/04/2021	\$ 3.75



Completion Fluids & Products - Adjusted EBITDA and Adjusted EBITDA Margin Reconciliation '(\$ in Millions)												
	Q1-19	Q2-19	Q3-19	Q4-19	Q1-20	Q2-20	Q3-20	Q4-2020	Q1-2021			
Income (Loss) Before Taxes	\$6.2	\$14.6	\$11.3	(\$66.1)	\$19.4	\$16.0	\$11.8	\$11.0	\$9.0			
Interest Income/Expense	(\$0.2)	(\$0.2)	(\$0.2)	(\$0.2)	(\$0.2)	(\$0.1)	(\$0.3)	(\$0.3)	(\$0.1)			
DD&A	\$3.7	\$3.7	\$3.7	\$2.5	\$1.9	\$1.9	\$1.7	\$1.8	\$1.7			
Stock Option expense	-	-	-	-	-	-	-	-	-			
Special Items	\$0.7	(\$0.3)	(\$0.7)	\$91.5	\$0.5	\$0.5	\$0.7	\$1.9	\$0.5			
Adjusted EBITDA	\$10.4	\$17.9	\$14.0	\$27.7	\$21.6	\$18.3	\$13.9	\$14.4	\$11.0			
Revenue	\$61.6	\$79.8	\$59.3	\$78.6	\$75.2	\$71.3	\$52.0	\$44.1	\$46.5			
Adjusted EBITDA Margin	16.8%	22.4%	23.7%	35.2%	28.7%	25.7%	26.8%	32.6%	23.7%			

Water & Flowback Services - Adjusted EBITDA and Adjusted EBITDA Margin Reconciliation '(\$ in Millions)												
	Q1-19	Q2-19	Q3-19	Q4-19	Q1-20	Q2-20	Q3-20	Q4-2020	Q1-2021			
Income (Loss) Before Taxes	\$2.2	\$2.5	\$2.6	(\$28.5)	(\$2.2)	(\$8.4)	(\$7.8)	(\$3.4)	(\$5.5)			
Interest Income/Expense	\$0.0	(\$0.0)	(\$0.0)	\$0.0	(\$0.0)	(\$0.0)	(\$0.1)	(\$1.5)	(\$0.5)			
DD&A	\$8.3	\$8.9	\$8.6	\$7.7	\$7.4	\$7.6	\$7.6	\$7.8	\$6.9			
Stock Option expense	-	-	-	-	-	-	-	-	-			
Special Items	(\$0.4)	(\$0.4)	\$0.1	\$26.3	\$1.6	\$1.2	\$0.3	\$0.9	\$0.0			
Adjusted EBITDA	\$10.1	\$10.9	\$11.2	\$5.6	\$6.8	\$0.4	\$0.0	\$3.7	\$0.9			
Revenue	\$78.7	\$73.1	\$72.8	\$57.3	\$57.5	\$24.7	\$21.5	\$31.3	\$30.8			
Adjusted EBITDA Margin	12.8%	14.9%	15.4%	9.8%	11.8%	1.5%	0.1%	11.8%	2.9%			



TTI exc	TTI excl. Disc. Operations - Adj. EBITDA and Ad. EBITDA Margin Reconciliation '(\$ in Mil)												
	2019-Q1	2019-Q2	2019-Q3	2019-Q4	2020-Q1	2020-Q2	2020-Q3	2020-Q4	2021-Q1	Q2-Q4 2020 & 2021-Q1			
Income (Loss) Before Taxes	(\$9.3)	(\$2.2)	(\$4.0)	(\$112.6)	\$3.7	(\$12.2)	(\$9.5)	(\$7.2)	(\$11.8)	(\$40.6)			
Interest Income/Expense	\$5.2	\$5.5	\$5.3	\$5.3	\$5.3	\$4.6	\$4.3	\$4.0	\$4.4	\$17.4			
DD&A	\$12.1	\$12.8	\$12.4	\$10.3	\$9.6	\$9.7	\$9.5	\$9.7	\$8.8	\$37.7			
Stock Option expense	\$1.8	\$1.7	\$1.5	\$1.5	\$1.1	\$1.7	\$1.0	\$1.0	\$1.0	\$4.6			
Special Items	\$0.6	(\$0.4)	(\$0.3)	\$117.4	\$2.1	\$5.1	\$2.0	\$3.4	\$6.6	\$17.1			
Adjusted EBITDA	\$10.4	\$17.3	\$14.9	\$21.9	\$21.8	\$8.9	\$7.4	\$11.0	\$9.0	\$36.2			
Revenue	\$140.3	\$152.9	\$132.2	\$135.9	\$132.7	\$96.1	\$73.5	\$75.5	\$77.3	\$322.3			
Income (Loss) Before Taxes Margin	-6.6%	-1.5%	-3.1%	-82.9%	2.8%	-12.7%	-12.9%	-9.6%	-15.2%	-12.6%			
Adjusted EBITDA Margin	7.4%	11.3%	11.3%	16.1%	16.4%	9.3%	10.0%	14.6%	11.6%	11.2%			



<b>TETRA Net Debt - Reconciliation (In \$ Millions)</b>											
	20	)21-Q1	20	020 YE	<b>20</b> ′	19 YE					
Non-restricted cash	\$	54.2	\$	67.3	\$	15.3					
Carrying value of long-term debt:											
Asset-based credit agreement	\$	-	\$	-	\$	-					
Term credit agreement	\$	171.2	\$	199.9	\$	204.6					
Net Debt	\$	117.0	\$	132.6	\$	189.3					



TETRA only Adjusted Free Cash Flow Reconciliation From Continuing Operations (in \$ Millions)										
	2019-Q′	201	9-Q2	2019-Q3	2019-Q4	2020-Q1	2020-Q2	2020-Q3	2020-Q4	2021-Q1
TTI Consolidated										
Cash from operations	\$	7.4 \$	31.0	\$ 46.6	\$ 5.3	\$ 22.2	\$ 38.2	\$ 4.4	\$ 12.1	\$ 5.8
Capital Expenditures, net of sales proceeds	(32	.0)	(27.3)	(27.7)	(8.3)	(11.0)	(3.3)	17.0	4.1	(6.2)
Free Cash Flow before ARO settlements	(24	.6)	3.6	19.0	(3.1)	11.2	34.9	21.4	16.2	(0.4)
CSICompressco										
Cash from operations	3	1.6	8.7	27.4	(0.1)	13.4	4.8	(4.5)	7.0	(0.4)
Capital Expenditures, net of sales proceeds	(23	.2)	(16.4)	(20.9)	(4.3)	(6.5)	(1.1)	(18.6)	(6.3)	(3.0)
CCLP's Free Cash Flow		8.5	(7.7)	6.6	(4.4)	6.9	3.7	(23.0)	0.8	(3.4)
TTI Only										
Cash from operations <sup>(1)</sup>	(24	.2)	22.3	19.2	5.3	8.8	33.4	8.9	5.1	6.2
Investment in (sale of) CCLP Compressors	(2	.4)	(8.7)	(2.8)	(0.8)	-	-	-	14.2	-
Capital Expenditures, net of sales proceeds <sup>(1)</sup>	3)	.9)	(10.9)	(6.8)	(4.0)	(4.5)	(2.2)	(1.6)	(3.8)	(3.2)
Free Cash Flow before Discontinued Operations	(35	.5)	2.6	9.5	0.5	4.3	31.2	7.3	15.4	3.0
Distributions from CCLP		0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	-
Discontinued operations operating activities(adjusted EBITDA)		0.4	0.3	0.0	0.3	(0.0)	(0.2)	0.2	(0.0)	0.0
Cash from other investments		-	-	-	-	-	-	-	-	2.4
TTI Only Adjusted Free Cash Flow from Continuing Operations	(\$34	.9)	\$3.1	\$9.7	\$1.0	\$4.5	\$31.2	\$7.7	\$15.6	\$5.4