INVESTOR PRESENTATION

AUGUST 2022

FORWARD LOOKING STATEMENTS

This presentation includes “forward-looking statements” within the meaning of the federal securities laws - that is, statements about the future, not about past events. Forward-looking statements give our current expectations and projections relating to our financial condition, results of operations, plans, objectives, future performance and business. These statements may include words such as “anticipate,” “estimate,” “expect,” “project,” “plan,” “intend,” “believe,” “may,” “will,” “should,” “could,” “can have,” “likely” and other words and terms of similar meaning. Forward-looking statements made include any statement that does not directly relate to any historical or current fact and may include, but are not limited to, statements regarding the Company’s growth opportunities, strategy, future financial results, forecasts, projections, plans and capital expenditures, technological innovations, and the commercial silica and diatomaceous earth industry. Forward-looking statements are based on our current expectations and assumptions, which may not prove to be accurate. These statements are not guarantees and are subject to risks, uncertainties and changes in circumstances that are difficult to predict. Many factors could cause actual results to differ materially and adversely from these forward-looking statements. Among these factors are global economic conditions; the effect of the COVID-19 pandemic on markets the Company serves, fluctuations in demand for commercial silica, diatomaceous earth, perlite, clay and cellulose; fluctuations in demand for frac sand or the development of either effective alternative proppants or new processes to replace hydraulic fracturing; the entry of competitors into our marketplace; changes in production spending by companies in the oil and gas industry and changes in the level of oil and natural gas exploration and development; general economic, political and business conditions in key regions of the world; pricing pressure; weather and seasonal factors; the cyclical nature of our customers’ business; our inability to meet our financial and performance targets and other forecasts or expectations; our substantial indebtedness and pension obligations, including restrictions on our operations imposed by our indebtedness; operational modifications, delays or cancellations; prices for electricity, natural gas and diesel fuel; our ability to maintain our transportation network; changes in government regulations and regulatory requirements, including those related to mining, explosives, chemicals, pharmaceuticals, and oil and gas production; silica-related health issues and corresponding litigation; and other risks and uncertainties detailed in our Forms 10-K, 10-Q, and 8-K filed with or furnished to the U.S. Securities and Exchange Commission. If one or more of these or other risks or uncertainties materialize (or the consequences of such a development changes), or should underlying assumptions prove incorrect, actual outcomes may vary materially from those reflected in our forward-looking statements. The forward-looking statements speak only as of the date hereof, and we disclaim any intention or obligation to update publicly or revise such statements, whether as a result of new information, future events or otherwise.

U.S. SILICA AT A GLANCE

U.S. Silica (NYSE: SLCA) is a diversified global performance materials company and a leading producer of high value minerals and specialty products used in a variety of industrial applications

Core competencies include (surface) mining, processing, logistics and material science with a rich 120+ year history

TWO BUSINESS SEGMENTS:

Industrial & Specialty Products (ISP)

- Products are used in renewable energy, building and construction, as fillers and extenders, for filtration, glassmaking, as absorbents, foundry, and in sports and recreation
  - » Serve diversified global base of >10,000 customers
  - » Robust pipeline of new products and applications
  - » Attractive end-use markets with established growth drivers

Oil & Gas Proppants (O&G)

- Provide proppant and last-mile logistics to the onshore U.S. oil and gas industry
  - » Low-cost, efficient, with in-basin presence and well-established industry relationships
  - » Integrated solution with 1/3 market share

28
Active Mines and Production Facilities

560M TONS
Reserves

INDUSTRY LEADING
ESG Platform

$2.0B
Enterprise Value[1]

~$1.4B
2022 Revenue[2]

[1] As of market close August 2, 2022
[2] Consensus Estimate

ISP SEGMENT DETAIL

DIVERSE MIX OF END MARKETS

% of Full Year 2021 ISP Revenue

Additives/Fillers/Extenders | 12%
- Cosmetics
- Paper & Plastic
- Paints & Coatings
- Rubber & Epoxies

Clays | 9%
- Chemical & Petrochemical
- Dimerization
- Catalysts
- Edible Oils

Chemicals | 6%
- Silica-Based Chemicals
- Ceramics
- Sodium Silicates
- Silicon Carbide

Building Products | 16%
- Quartz Countertops
- Grouts & Mortars
- Specialty Cements
- Roofing Shingles

Absorbents | 6%
- Automotive
- Accidents & Spills
- Pet Litter

Glass | 20%
- Automotive Glass
- Smartphones & Tablets
- Wind Turbine Blades
- Solar Panels

Pool/Recreation | 5%
- Golf Sand
- Pool Filtration
- Sports Fields

Filtration | 20%
- Food & Beverages
- Pharmaceutical
- Biofuels

Misc./Other | 6%
- Foundry
- Forensic Testing

>800 products, critical raw materials for long-term customers

OUR 3 STRATEGIC PRIORITIES

US SILICA

PRIORITIZE FREE CASH FLOW

- De-lever and strengthen the balance sheet
- Reduce net debt to TTM Adjusted EBITDA leverage below 3x by end of 2022
- Targeted, returns-driven capital investments

OIL & GAS

GENERATE CASH

- Strong customer demand driving prices higher and expanding margins
- Improving multi-year contract coverage
- Supports ISP growth and strengthens the balance sheet
- Low-cost provider, positioned to increase share with market leading customers

INDUSTRIAL

GROW $CM

- Grow base business volume and price at GDP+
- Robust, high margin product development pipeline
- Key supplier for renewable energy
- Positioned to benefit from clean energy and infrastructure spending

COMPANY OVERVIEW

2Q 2022 HIGHLIGHTS

- Financial results improved meaningfully on a sequential basis
  - Total company revenue increased 27%
  - Adjusted EBITDA increased 77%
  - Generated $88 million of cash flow from operations, **$100 million of debt repurchased**
  - Oil & Gas segment contribution margin increased 73%
  - Industrial & Specialty Products segment contribution margin increased 21%
- O&G proppant and last mile logistics effectively sold-out due to strong completions demand
  - Sales prices and margins continue to increase, customers signing attractive new multi-year contracts and paying cash up front
  - SandBox last mile logistics reported new single day record of delivered loads
- Demand for ISP remained strong
  - Segment rebounded in 2Q due to operational efficiencies, improved product mix, and pricing to offset inflation
  - Record EverWhite Cristobalite and Cool Roof Granule product shipments at our Millen, Georgia facility

Accelerated track of net leverage to TTM Adjusted EBITDA of under 3x by year-end

US SILICA

OIL AND GAS PROPPANTS (O&G)

SEGMENT REVIEW

OIL & GAS PROPPANTS- EFFICIENT, LOW-COST PROVIDER

→ **Strong cash generation**

→ **Supports ISP growth**

- **Effectively sold-out**
    - **Record West Texas sand production in 2Q**
- **Customers paying cash up front**
- **Spot prices ~$50/ton in 2Q**

- Strategically positioned with in-basin mine locations
    - Low-end of the supply cost curve
    - ~13.5 million tons of sand capacity across 7 facilities
        - Capacity to address robust Permian activity
    - Minimal maintenance capital required
- Well established industry relationships
    - 80%+ contracted
    - Multi-year proppant customer contracts
- Integrate with SandBox last-mile logistics

Integrated Solution

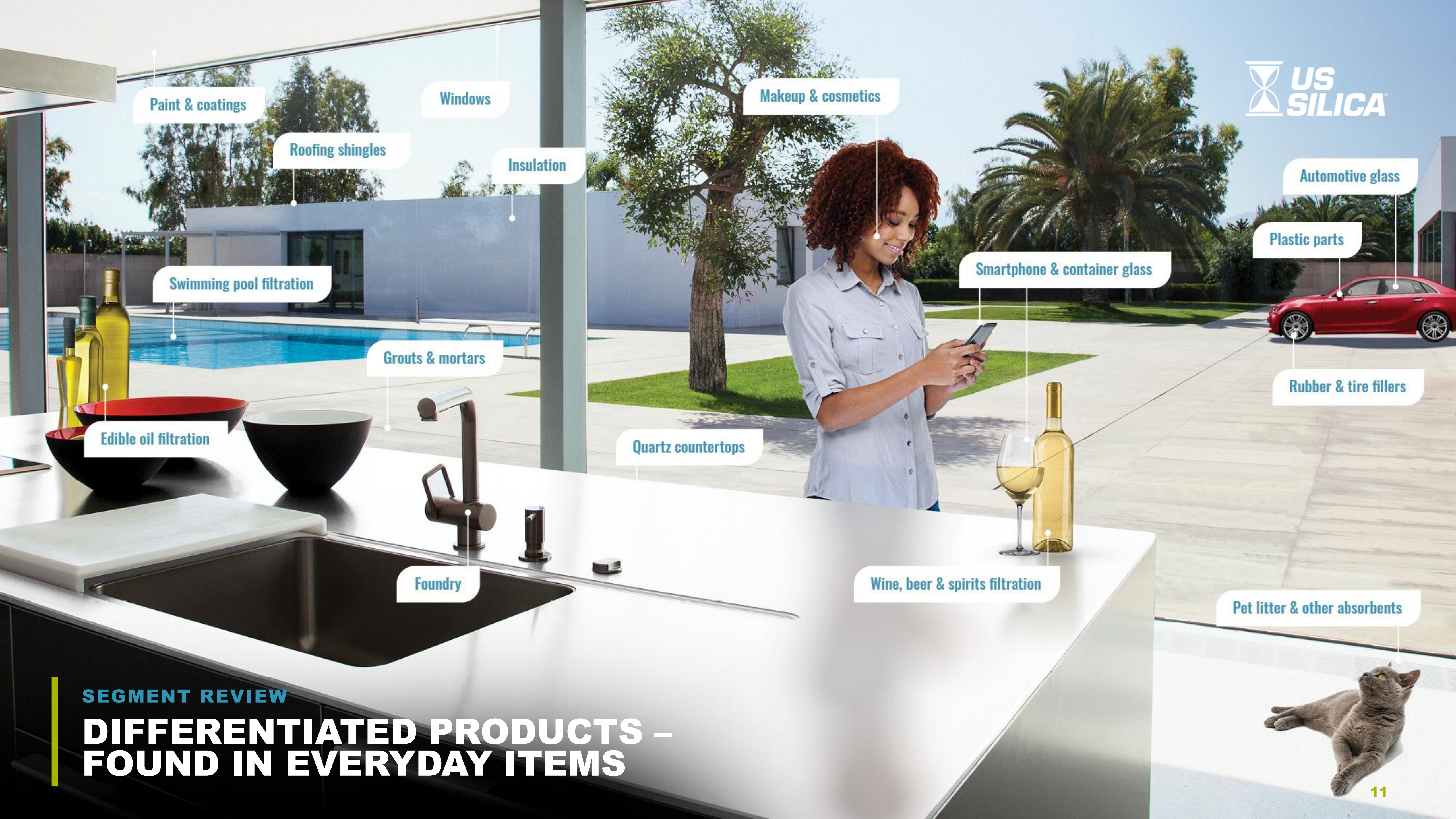
Low-Cost Assets	Best-in-class Distribution	Last Mile

SANDBOX- LEADING LAST-MILE LOGISTICS PROVIDER

- SandBox's containerized delivery solution:
  - » Cleaner- minimizes silica dust particles
  - » Safer- reduces personnel on location
  - » Reliable- high service quality
  - » Efficient- reduces customer capital investment
- 1/3 of U.S. oil and gas sand delivered through SandBox systems
- Utilizes specially designed, patent-protected equipment
- Geographic presence in major active basins

- **Record single-day loads delivered in 2Q**
- **Pricing and margins expanding**

INDUSTRIAL AND SPECIALTY PRODUCTS (ISP)



SEGMENT REVIEW

DIFFERENTIATED PRODUCTS – FOUND IN EVERYDAY ITEMS

STRONG SUSTAINABILITY LINKAGES

Key Supplier for Renewable Energy[1]

- Low-iron silica sands in 15%-20% of newly installed U.S. solar panels
- Provide products used in >80% of U.S. produced fiberglass composite for wind turbine blades

SOLAR ENERGY SOLUTIONS

Our low iron silica is necessary to produce glass that effectively transmits the sun's energy to solar panel cells

WIND POWER ADVANCEMENTS

Our specialty silica is a critical component in fiberglass for wind turbine blades

LOWER AUTO EMISSIONS

Our ground silica is used to produce particulate filters for gasoline and diesel engines

CLEAN-BURNING GREEN DIESEL

Diatomaceous earth and clay are key processing aids in renewable diesel production

FEEDING THE PLANET

Our bleaching clay adsorbents and filter aids support the most stringent food safety standards

[1]Internal market share estimates

CONTINUED PROGRESS ON NEW PRODUCT PIPELINE

- Record sales at our new West Virginia limestone and aggregates plant
- Successful customer trials for EverWhite Pigment and patent application filed
- Closed on new sales for DEsect® organic pesticide product
- Trialing new renewable diesel catalyst filtration product with multiple customers
- Filed patent for break-through technology of battery pre-cursor materials

INVESTMENT HIGHLIGHTS

LEADING THE TRANSITION TO A MORE SUSTAINABLE FUTURE

E

- Minimize GHG emissions
- Protect air quality and mitigate water use
- Conserve habitats and execute customized reclamation plans

S

- Maintain industry leading Environmental, Health & Safety programs
- Focused on diversity and inclusion at all levels

G

- Innovate sustainable product offerings
- Assist customers in reducing their carbon footprint

2021 Highlights

→Safest year in history

→12% ISP revenue from sustainable products

→10% supplier diversity

→Expanded Board diversity

→Partnership with Junior Achievement

INVESTMENT HIGHLIGHTS

POSITIONED FOR SUSTAINABLE, LONG-TERM GROWTH

- Prioritizing free cash flow:
  - De-lever and strengthen the balance sheet
  - Reduce and maintain net leverage to TTM Adjusted EBITDA below 3x
  - Returns-driven capital investments
- O&G business generates cash:
  - Strong customer demand with multi-year contracts
  - Supports ISP growth and strengthens the balance sheet
  - Low-cost provider, positioned to increase market share
  - Well established industry relationships
- Grow ISP $CM:
  - Base business volume and price to grow at GDP+
  - Robust, high margin product development pipeline
  - Serve numerous critical and defensive industries
  - Products support clean energy transition and infrastructure spending

APPENDIX

NON-GAAP FINANCIAL PERFORMANCE MEASURES

Segment Contribution Margin

The Company organizes its business into two reportable segments, Oil & Gas Proppants and Industrial & Specialty Products, based on end markets. The reportable segments are consistent with how management views the markets served by the Company and the financial information reviewed by the chief operating decision maker. The Company manages its Oil & Gas Proppants and Industrial & Specialty Products businesses as components of an enterprise for which separate information is available and is evaluated regularly by the chief operating decision maker in deciding how to allocate resources and assess performance. An operating segment's performance is primarily evaluated based on segment contribution margin, which excludes certain corporate costs not associated with the operations of the segment. These corporate costs are separately stated and include costs that are related to functional areas such as operations management, corporate purchasing, accounting, treasury, information technology, legal and human resources. The Company believes that segment contribution margin, as defined above, is an appropriate measure for evaluating the operating performance of its segments. However, this measure should be considered in addition to, not a substitute for, or superior to, income from operations or other measures of financial performance prepared in accordance with generally accepted accounting principles. For a reconciliation of segment contribution margin to its most directly comparable GAAP financial measure, see Note U to our financial statements in our Annual Report on Form 10-K for the fiscal year ended December 31, 2021 (Inline XBRL Viewer (sec.gov)) and Note S to our financial statements in our Quarterly Report on Form 10-Q for the fiscal quarter ended June 30, 2022 (Inline XBRL Viewer (sec.gov)).

Free Cash Flow

Free cash flow represents cash flow from operations less capital expenditures. Management believes that free cash flow is an important liquidity measure for the company and that it is useful to investors and management as a measure of our ability to generate cash. Once business needs and obligations are met, this cash can be used to reinvest in the company for future growth or to return to shareholders through dividend payments or share repurchases. Free cash flow does not represent the residual cash flow available for discretionary expenditures. Free cash flow is a non-GAAP financial measure that should be considered in addition to, not as substitute for or superior to, cash flow from operations.

NON-GAAP FINANCIAL PERFORMANCE MEASURES

Adjusted EBITDA

Adjusted EBITDA is not a measure of our financial performance or liquidity under GAAP and should not be considered as an alternative to net income as a measure of operating performance, cash flows from operating activities as a measure of liquidity or any other performance measure derived in accordance with GAAP. Additionally, Adjusted EBITDA is not intended to be a measure of free cash flow for management's discretionary use, as it does not consider certain cash requirements such as interest payments, tax payments and debt service requirements. Adjusted EBITDA contains certain other limitations, including the failure to reflect our cash expenditures, cash requirements for working capital needs and cash costs to replace assets being depreciated and amortized, and excludes certain nonrecurring charges that may recur in the future. Management compensates for these limitations by relying primarily on our GAAP results and by using Adjusted EBITDA only as a supplement. Our measure of Adjusted EBITDA is not necessarily comparable to other similarly titled captions of other companies due to potential inconsistencies in the methods of calculation. For a reconciliation of Adjusted EBITDA to its most directly comparable GAAP financial measure, including the trailing twelve month calculation of Adjusted EBITDA, see the section titled "Management's Discussion and Analysis of Financial Condition and Results of Operations" in our Quarterly Report on Form 10-Q for the fiscal quarter ended June 30, 2022 (Inline XBRL Viewer (sec.gov)).

Net Debt

Net Debt is calculated by adding together short-term debt and long-term debt and subtracting cash and cash equivalents from the total. Net debt shows how a company's indebtedness has changed over a period as a result of cash flows and other non-cash movements. Net debt allows investors to see how business financing has changed and assess whether an entity that has had a significant increase in cash has, for example, achieved this only by taking on a corresponding increase in debt. Net debt is not a measure of our financial performance or liquidity under GAAP and should not be considered as an alternative to net income as a measure of operating performance, cash flows from operating activities as a measure of liquidity or any other performance measure derived in accordance with GAAP.

($mm)	**1Q '21**	**2Q '21**	**3Q '21**	**4Q '21**	**1Q '22**	**2Q '22**
Cash and cash equivalents	($154.4)	($212.7)	($250.6)	($239.4)	($239.8)	($312.4)
Current portion of long-term debt	$40.2	$38.8	$20.5	$18.3	$16.3	$14.2
Long-term debt	$1,196.6	$1,196.4	$1,195.1	$1,193.1	$1,192.0	$1,190.3
Net debt	$1,082.3	$1,022.6	$965.0	$972.0	$968.5	$892.2