

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM 10-K

ANNUAL REPORT PURSUANT TO SECTION 13 OR 15(d) OF
THE SECURITIES EXCHANGE ACT OF 1934

For the fiscal year ended December 31, 2023

OR

TRANSITION REPORT PURSUANT TO SECTION 13 OR 15(d)
OF THE SECURITIES EXCHANGE ACT OF 1934

For the transition period from to

Commission file number 1-640

NL INDUSTRIES, INC.

(Exact name of Registrant as specified in its charter)

New Jersey
(State or other jurisdiction of
incorporation or organization)

13-5267260
(IRS Employer
Identification No.)

5430 LBJ Freeway, Suite 1700

Dallas, Texas 75240-2620

(Address of principal executive offices)

Registrant's telephone number, including area code: (972) 233-1700

Securities registered pursuant to Section 12(b) of the Act:

Title of each class	Trading Symbol(s)	Name of each exchange on which registered
Common stock	NL	NYSE

No securities are registered pursuant to Section 12(g) of the Act.

Indicate by check mark:

If the Registrant is a well-known seasoned issuer, as defined in Rule 405 of the Securities Act. Yes No

If the Registrant is not required to file reports pursuant to Section 13 or Section 15(d) of the Act. Yes No

Whether the Registrant (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months and (2) has been subject to such filing requirements for the past 90 days. Yes No

Whether the Registrant has submitted electronically every Interactive Data File required to be submitted pursuant to Rule 405 of Regulation S-T during the preceding 12 months (or for such shorter period that the registrant was required to submit such files). Yes No

Whether the Registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer or a smaller reporting company or emerging growth company (as defined in Rule 12b-2 of the Act). See the definitions of "large accelerated filer," "accelerated filer," "smaller reporting company," and "emerging growth company" in Rule 12b-2 of the Exchange Act.

Large accelerated filer	<input type="checkbox"/>	<input type="checkbox"/>
Non-accelerated filer	<input checked="" type="checkbox"/> Smaller reporting company	<input type="checkbox"/>
Emerging growth company	<input type="checkbox"/>	

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act.

Whether the registrant has filed a report on and attestation to its management's assessment of the effectiveness of its internal control over financial reporting under Section 404(b) of the Sarbanes-Oxley Act (15 U.S.C. 7262 (b)) by the registered public accounting firm that prepared or issued its audit report.

If securities are registered pursuant to Section 12(b) of the Act, indicate by check mark whether the financial statements of the registrant included in the filing reflect the correction of an error to previously issued financial statements.

Indicate by check mark whether any of those error corrections are restatements that required a recovery analysis of incentive-based compensation received by any of the registrant's executive officers during the relevant recovery period pursuant to §240.10D-1(b).

Whether the Registrant is a shell company (as defined in Rule 12b-2 of the Act). Yes No

The aggregate market value of the 8.4 million shares of voting stock held by nonaffiliates of NL Industries, Inc. as of June 30, 2023 (the last business day of the Registrant's most recently-completed second fiscal quarter) approximated \$46.7 million.

Number of shares of the registrant's common stock, \$.125 par value per share, outstanding on February 29, 2024: 48,833,484.

Documents incorporated by reference

The information required by Part III is incorporated by reference from the Registrant's definitive proxy statement to be filed with the Commission pursuant to Regulation 14A not later than 120 days after the end of the fiscal year covered by this report.

PART I

ITEM 1. BUSINESS

The Company

NL Industries, Inc. was organized as a New Jersey corporation in 1891. Our common stock trades on the New York Stock Exchange, or the NYSE, under the symbol NL. References to “NL Industries,” “NL,” the “Company,” the “Registrant,” “we,” “our,” “us” and similar terms mean NL Industries, Inc. and its subsidiaries and affiliate, unless the context otherwise requires.

Our principal executive offices are located at Three Lincoln Center, 5430 LBJ Freeway, Suite 1700, Dallas, TX 75240. Our telephone number is (972) 233-1700. We maintain a website at www.nl-ind.com.

Business summary

We are primarily a holding company. We operate in the component products industry through our majority-owned subsidiary, CompX International Inc. (NYSE American: CIX). We operate in the chemicals industry through our noncontrolling interest in Kronos Worldwide, Inc. CompX and Kronos (NYSE: KRO) each file periodic reports with the Securities and Exchange Commission (SEC).

Organization

At December 31, 2023, Valhi, Inc. (NYSE: VHI) held approximately 83% of our outstanding common stock and a wholly-owned subsidiary of Contran Corporation held approximately 91% of Valhi’s outstanding common stock. As discussed in Note 1 to our Consolidated Financial Statements, Lisa K. Simmons and a trust established for the benefit of Ms. Simmons and her late sister and their children (the “Family Trust”) may be deemed to control Contran, and therefore may be deemed to indirectly control the wholly-owned subsidiary of Contran, Valhi and us.

Forward-looking statements

This Annual Report on Form 10-K contains forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995, as amended. Statements in this Annual Report that are not historical facts are forward-looking in nature and represent management’s beliefs and assumptions based on currently available information. In some cases, you can identify forward-looking statements by the use of words such as “believes,” “intends,” “may,” “should,” “could,” “anticipates,” “expects” or comparable terminology, or by discussions of strategies or trends. Although we believe the expectations reflected in such forward-looking statements are reasonable, we do not know if these expectations will be correct. Such statements by their nature involve substantial risks and uncertainties that could significantly impact expected results. Actual future results could differ materially from those predicted. The factors that could cause actual future results to differ materially from those described herein are the risks and uncertainties discussed in this Annual Report and those described from time to time in our other filings with the SEC and include, but are not limited to, the following:

- Future supply and demand for our products;
- The extent of the dependence of certain of our businesses on certain market sectors;
- The cyclicity of our businesses (such as Kronos’ TiO₂ operations);
- Customer and producer inventory levels;
- Unexpected or earlier-than-expected industry capacity expansion (such as the TiO₂ industry);
- Changes in raw material and other operating costs (such as energy, ore, zinc, aluminum, steel and brass costs) and our ability to pass those costs on to our customers or offset them with reductions in other operating costs;
- Changes in the availability of raw material (such as ore);

- General global economic and political conditions that harm the worldwide economy, disrupt our supply chain, increase material and energy costs or reduce demand or perceived demand for Kronos' TiO₂ and our products or impair our ability to operate our facilities (including changes in the level of gross domestic product in various regions of the world, natural disasters, terrorist acts, global conflicts and public health crises);
- Operating interruptions (including, but not limited to, labor disputes, leaks, natural disasters, fires, explosions, unscheduled or unplanned downtime, transportation interruptions, certain regional and world events or economic conditions and public health crises);
- Technology related disruptions (including, but not limited to, cyber-attacks; software implementation, upgrades, or improvements; technology processing failures; or other events) related to our technology infrastructure that could impact our ability to continue operations, or at key vendors which could impact our supply chain, or at key customers which could impact their operations and cause them to curtail or pause orders;
- Competitive products and substitute products;
- Price and product competition from low-cost manufacturing sources (such as China);
- Customer and competitor strategies;
- Potential consolidation of Kronos' competitors;
- Potential consolidation of Kronos' customers;
- The impact of pricing and production decisions;
- Competitive technology positions;
- Our ability to protect or defend intellectual property rights;
- Potential difficulties in integrating future acquisitions;
- Potential difficulties in upgrading or implementing accounting and manufacturing software systems;
- The introduction of trade barriers or trade disputes;
- Fluctuations in currency exchange rates (such as changes in the exchange rate between the U.S. dollar and each of the euro, the Norwegian krone and the Canadian dollar and between the euro and the Norwegian krone), or possible disruptions to our business resulting from uncertainties associated with the euro or other currencies;
- Decisions to sell operating assets other than in the ordinary course of business;
- Kronos' ability to renew or refinance credit facilities;
- Increases in interest rates;
- Our ability to maintain sufficient liquidity;
- The timing and amounts of insurance recoveries;
- The ability of our subsidiaries or affiliates to pay us dividends;
- Uncertainties associated with CompX's development of new products and product features;
- The ultimate outcome of income tax audits, tax settlement initiatives or other tax matters, including future tax reform;
- Our ability to utilize income tax attributes or changes in income tax rates related to such attributes, the benefits of which may or may not have been recognized under the more-likely-than-not recognition criteria;

- Environmental matters (such as those requiring compliance with emission and discharge standards for existing and new facilities or new developments regarding environmental remediation or decommissioning obligations at sites related to our former operations);
- Government laws and regulations and possible changes therein (such as changes in government regulations which might impose various obligations on former manufacturers of lead pigment and lead-based paint, including us, with respect to asserted health concerns associated with the use of such products), including new environmental, health, safety, sustainability or other regulations (such as those seeking to limit or classify TiO₂ or its use);
- The ultimate resolution of pending litigation (such as our lead pigment and environmental matters); and
- Pending or possible future litigation or other actions.

Should one or more of these risks materialize or if the consequences of such a development worsen, or should the underlying assumptions prove incorrect, actual results could differ materially from those currently forecasted or expected. We disclaim any intention or obligation to update or revise any forward-looking statement whether as a result of changes in information, future events or otherwise.

Operations and equity investment

Information regarding our operations and the companies conducting such operations is set forth below. Geographic financial information is included in Note 2 to our Consolidated Financial Statements, which is incorporated herein by reference.

Component Products

CompX International Inc. -
87% owned at December 31,
2023

CompX manufactures engineered components that are sold to a variety of industries including postal, recreational transportation (including boats), office and institutional furniture, cabinetry, tool storage, healthcare, gas stations and vending equipment. CompX has three production facilities in the United States.

Chemicals

Kronos Worldwide, Inc. - 31%
owned at December 31, 2023

Kronos is a leading global producer and marketer of value-added titanium dioxide pigments, or TiO₂, a base industrial product used in imparting whiteness, brightness, opacity and durability to a diverse range of customer applications and end-use markets, including coatings, plastics, paper, inks, cosmetics, pharmaceuticals and other industrial and consumer “quality-of-life” products. Kronos has production facilities in Europe and North America. Sales of its core TiO₂ pigments represented approximately 90% of Kronos’ net sales in 2023, with sales of other products that are complementary to Kronos’ TiO₂ business comprising the remainder.

COMPONENT PRODUCTS - COMPX INTERNATIONAL INC.

Industry overview - Through our majority-owned subsidiary, CompX, we manufacture engineered components utilized in a variety of applications and industries. CompX manufactures mechanical and electrical cabinet locks and other locking mechanisms used in postal, recreational transportation, office and institutional furniture, cabinetry, tool storage and healthcare applications. CompX also manufactures wake enhancement systems, stainless steel exhaust systems, gauges, throttle controls, trim tabs and related hardware and accessories for the recreational marine and other industries. CompX continuously seeks to diversify into new markets and identify new applications and features for its products, which it believes provide a greater potential for higher rates of earnings growth as well as diversification of risk.

Manufacturing, operations and products - CompX’s Security Products business manufactures mechanical and electrical cabinet locks and other locking mechanisms used in a variety of applications including mailboxes, ignition systems, file cabinets, desk drawers, tool storage cabinets, high security medical cabinetry, integrated inventory and access control secured narcotics boxes, electronic circuit panels, storage compartments, gas station security, vending and cash containment machines. CompX’s Security Products business has one manufacturing facility in Mauldin, South Carolina and one in Grayslake, Illinois which is shared with its Marine Components business. CompX believes it is a North

American market leader in the manufacture and sale of cabinet locks and other locking mechanisms. These products include:

- disc tumbler locks which provide moderate security and generally represent the lowest cost lock CompX produces;
- pin tumbler locks which are more costly to produce and are used in applications requiring higher levels of security, including *KeSet*[®] and *System 64*[®] (which each allow the user to change the keying on a single lock 64 times without removing the lock from its enclosure), *TuBar*[®] and *Turbine*[™]; and
- CompX's innovative *CompX eLock*[®] and *StealthLock*[®] electronic locks which provide stand-alone or networked security and audit trail capability for drug storage and other valuables through the use of a proximity card, magnetic stripe, radio frequency or other keypad credential.

A substantial portion of CompX's Security Products' sales consist of products with specialized adaptations to an individual customer's specifications, some of which are listed above. CompX also has a standardized product line suitable for many customers, which is offered through a North American distribution network to locksmith and smaller original equipment manufacturer (OEM) distributors via its *STOCK LOCKS*[®] distribution program.

CompX's Marine Components business manufactures and distributes wake enhancement systems, stainless steel exhaust components, gauges, throttle controls, trim tabs and related hardware and accessories primarily for ski/wakeboard boats (tow boats) and performance boats. CompX's Marine Components business has a facility in Neenah, Wisconsin and a facility in Grayslake, Illinois which is shared with Security Products. CompX's specialty Marine Component products are high precision components designed to operate within tight tolerances in the highly demanding marine environment. These products include:

- original equipment and aftermarket stainless steel exhaust headers, exhaust pipes, mufflers and other exhaust components;
- high performance gauges such as GPS speedometers and tachometers;
- mechanical and electronic controls and throttles;
- wake enhancement devices, trim tabs, steering wheels and billet aluminum accessories;
- dash panels, LED indicators and wire harnesses; and
- grab handles, pin cleats and other accessories.

The following table sets forth the location, size and business operations for each of CompX's principal operating facilities at December 31, 2023:

<u>Facility Name</u>	<u>Business Operations</u>	<u>Location</u>	<u>Size (square feet)</u>
<u>Owned Facilities:</u>			
National ⁽¹⁾	SP	Mauldin, SC	198,000
Grayslake ⁽¹⁾	SP/MC	Grayslake, IL	133,000
Custom ⁽¹⁾	MC	Neenah, WI	95,000

SP – Security Products business

MC – Marine Components business

⁽¹⁾ ISO-9001 registered facilities

CompX believes all of its facilities are well maintained and satisfactory for their intended purposes.

Raw materials - The primary raw materials used in CompX’s manufacturing processes are:

- Security Products - zinc and brass (for the manufacture of locking mechanisms).
- Marine Components - stainless steel (for the manufacture of exhaust headers and pipes and wake enhancement systems), aluminum (for the manufacture of throttles and trim tabs) and other components.

These raw materials are purchased from several suppliers, are readily available from numerous sources and accounted for approximately 13% of our total cost of sales for 2023. Total material costs, including purchased components, represented approximately 48% of our cost of sales in 2023.

CompX occasionally enters into short-term commodity-related raw material supply arrangements to mitigate the impact of future price increases in commodity-related raw materials, including zinc, brass, aluminum and stainless steel. These arrangements generally provide for stated unit prices based upon specified purchase volumes, which help CompX to stabilize its commodity-related raw material costs to a certain extent. At other times CompX may make spot market buys of larger quantities of raw materials to take advantage of favorable pricing or volume-based discounts. After increasing in 2021 and the first half of 2022, prices for the primary commodity-related raw materials used in the manufacture of CompX’s locking mechanisms, primarily zinc and brass, generally began to stabilize in the latter half of 2022 and into 2023 and generally began soften in the latter half of 2023. The prices for stainless steel, the primary raw material used for the manufacture of marine exhaust headers and pipes and wake enhancement systems, experienced significant volatility during 2021 and 2022, but were more stable in 2023. Although raw commodity costs declined during 2023 from elevated levels experienced in 2021 and 2022, in most cases materials CompX purchases also include processing and conversion costs such as alloying, extension and rolling which continue to be elevated due to costs of labor, transportation and energy. Based on current economic conditions, CompX expects the prices for zinc, brass, aluminum, stainless steel and other manufacturing materials in 2024 to be relatively stable. When purchased on the spot market, each of these raw materials may be subject to sudden and unanticipated price increases. When possible, CompX seeks to mitigate the impact of fluctuations in these raw material costs on its margins through improvements in production efficiencies or other operating cost reductions. In the event CompX is unable to offset raw material cost increases with other cost reductions, it may be difficult to recover those cost increases through increased product selling prices or raw material surcharges due to the competitive nature of the markets served by its products. Consequently, overall operating margins can be negatively affected by commodity-related raw material cost pressures. Commodity market prices are cyclical, reflecting overall economic trends, specific developments in consuming industries and speculative investor activities.

Patents and trademarks - CompX holds a number of patents relating to its component products, certain of which it believes to be important to CompX and its continuing business activity. Patents generally have a term of 20 years and CompX’s patents have remaining terms ranging from one year to 17 years at December 31, 2023.

CompX’s major trademarks and brand names in addition to *CompX*[®] include:

Security Products	Security Products	Marine Components
<i>CompX</i> [®] <i>Security Products</i> [™]	<i>Lockview</i> [®]	<i>CompX Marine</i> [®]
<i>National Cabinet Lock</i> [®]	<i>System 64</i> [®]	<i>Custom Marine</i> [®]
<i>Fort Lock</i> [®]	<i>SlamCAM</i> [®]	<i>Livorsi</i> [®] <i>Marine</i>
<i>Timberline</i> [®] <i>Lock</i> [®]	<i>RegulatoR</i> [®]	<i>Livorsi II</i> [®] <i>Marine</i>
<i>Chicago Lock</i> [®]	<i>CompXpress</i> [®]	<i>CMI Industrial</i> [®]
<i>STOCK LOCKS</i> [®]	<i>GEM</i> [®]	<i>Custom Marine</i> [®] <i>Stainless Exhaust</i>
<i>KeSet</i> [®]	<i>Turbine</i> [™]	<i>The #1 Choice in Performance Boating</i> [®]
<i>TuBar</i> [®]	<i>NARC iD</i> [®]	<i>Mega Rim</i> [®]
<i>StealthLock</i> [®]	<i>NARC</i> [®]	<i>Race Rim</i> [®]
<i>ACE</i> [®]	<i>ecoForce</i> [®]	<i>Vantage View</i> [®]
<i>ACE</i> [®] <i>II</i>	<i>Pearl</i> [®]	<i>GEN-X</i> [®]
<i>CompX eLock</i> [®]		

Sales, marketing and distribution - A majority of CompX's component sales are direct to large OEM customers through its factory-based sales and marketing professionals supported by engineers working in concert with field salespeople and independent manufacturer's representatives. CompX selects manufacturer's representatives based on special skills in certain markets or relationships with current or potential customers.

In addition to sales to large OEM customers, a substantial portion of CompX's Security Products sales are made through distributors. CompX has a significant North American market share of cabinet lock security product sales as a result of the locksmith distribution channel. CompX supports its locksmith distributor sales with a line of standardized products used by the largest segments of the marketplace. These products are packaged and merchandised for easy availability and handling by distributors and end users.

CompX sells to a diverse customer base with only one customer representing 10% or more of its sales in 2023 (United States Postal Service representing 24% of which 11% related to a pilot project). CompX's largest ten customers accounted for approximately 52% of its sales in 2023.

Competition - The markets in which CompX participates are highly competitive. CompX competes primarily on the basis of product design, including space utilization and aesthetic factors, product quality and durability, price, on-time delivery, service and technical support. CompX focuses its efforts on the middle and high-end segments of the market, where product design, quality, durability and service are valued by the customer. CompX's Security Products business competes against a number of domestic and foreign manufacturers. CompX's Marine Components business competes with small domestic manufacturers and is minimally affected by foreign competitors.

Regulatory and environmental matters - CompX has a history of incorporating environmental management and compliance in its operations and decision making. CompX operates three low-emission manufacturing facilities and CompX's production processes requiring waste-water discharge are consolidated at its Mauldin, South Carolina facility. This facility has received a ReWa Compliance Excellence Award from Renewable Water Resources, an organization which sets regulatory and water policies for the Mauldin facility's geographic region, for multiple years for its exemplary performance. In addition, CompX operates extensive scrap metal recycling programs to reduce landfill waste.

CompX's operations are subject to federal, state, and local laws and regulations relating to the use, storage, handling, generation, transportation, treatment, emission, discharge, disposal, remediation of and exposure to hazardous and non-hazardous substances, materials and wastes. CompX's operations also are subject to federal, state and local laws and regulations relating to worker health and safety. CompX believes it is in substantial compliance with all such laws and regulations. To date, the costs of maintaining compliance with such laws and regulations have not significantly impacted its results. CompX currently does not anticipate any significant costs or expenses relating to such matters; however, it is possible future laws and regulations may require CompX to incur significant additional expenditures.

CHEMICALS - KRONOS WORLDWIDE, INC.

Business overview - Kronos is a leading global producer and marketer of value-added titanium dioxide pigments, or TiO₂, a base industrial product used in a wide range of applications. Kronos, along with its distributors and agents, sells and provides technical services for its products to approximately 3,000 customers in 100 countries with the majority of sales in Europe, North America and the Asia Pacific region. Kronos believes it has developed considerable expertise and efficiency in the manufacture, sale, shipment and service of its products in domestic and international markets.

TiO₂ is a white inorganic pigment used in a wide range of products for its exceptional durability and its ability to impart whiteness, brightness and opacity. TiO₂ is a critical component of everyday applications, such as coatings, plastics and paper, as well as many specialty products such as inks, cosmetics and pharmaceuticals. TiO₂ is widely considered to be superior to alternative white pigments in large part due to its hiding power (or opacity), which is the ability to cover or mask other materials effectively and efficiently. TiO₂ is designed, marketed and sold based on specific end-use applications.

TiO₂ is the largest commercially used whitening pigment because it has a high refractive rating, giving it more hiding power than any other commercially produced white pigment. In addition, TiO₂ has excellent resistance to interaction

with other chemicals, good thermal stability and resistance to ultraviolet degradation. Although there are other white pigments on the market, Kronos believes there are no effective substitutes for TiO₂ because no other white pigment has the physical properties for achieving comparable opacity and brightness or can be incorporated in as cost-effective a manner. Pigment extenders such as kaolin clays, calcium carbonate and polymeric opacifiers are used together with TiO₂ in a number of end-use markets. However, these products are not able to duplicate the opacity performance characteristics of TiO₂ and Kronos believes these products are unlikely to have a significant impact on the use of TiO₂.

TiO₂ is considered a “quality-of-life” product. Demand for TiO₂ has generally been driven by worldwide gross domestic product and has generally increased with rising standards of living in various regions of the world. According to industry estimates, TiO₂ consumption has grown at a compound annual growth rate of approximately 2% since 2000. Per capita consumption of TiO₂ in Western Europe and North America far exceeds that in other areas of the world, and these regions are expected to continue to be the largest consumers of TiO₂ on a per capita basis for the foreseeable future. Kronos believes Western Europe and North America currently account for approximately 14% and 15% of global TiO₂ consumption, respectively. Markets for TiO₂ are generally increasing in China, the Asia Pacific region, South America and Eastern Europe and Kronos believes these are significant markets which will continue to grow as economies in these regions develop and quality-of-life products, including TiO₂, experience greater demand.

Products and end-use markets - Kronos, including its predecessors, has produced and marketed TiO₂ in North America and Europe, its primary markets, for over 100 years. Kronos believes it is the largest chloride process TiO₂ producer in Europe with 44% of its 2023 sales volumes attributable to markets in Europe. The table below shows Kronos’ estimated market share for its significant markets, Europe and North America, for the last three years.

	2021	2022	2023
Europe	15 %	14 %	12 %
North America	17 %	17 %	16 %

Kronos believes it is the leading seller of TiO₂ in several countries, including Germany. Overall, Kronos is one of the top five producers of TiO₂ in the world.

Kronos offers its customers a broad portfolio of products that include over 50 different TiO₂ pigment grades under the *KRONOS*[®] trademark, which provide a variety of performance properties to meet customers’ specific requirements. Kronos’ major customers include domestic and international paint, plastics, decorative laminate and paper manufacturers. Kronos ships TiO₂ to its customers in either a dry or slurry form via rail, truck and/or ocean carrier. Sales of Kronos’ core TiO₂ pigments represented approximately 90% of its net sales in 2023. Kronos and its agents and distributors primarily sell products in three major end-use markets: coatings, plastics and paper.

The following tables show Kronos’ approximate TiO₂ sales volume by geographic region and end-use for the year ended December 31, 2023:

Sales volume percentages by geographic region		Sales volume percentages by end-use	
Europe	44%	Coatings	57%
North America	41%	Plastics	30%
Asia Pacific	9%	Paper	9%
Rest of World	6%	Other	4%

Some of the principal applications for Kronos’ products include the following:

TiO₂ for coatings – Kronos’ TiO₂ is used to provide opacity, durability, tinting strength and brightness in industrial coatings, as well as coatings for commercial and residential interiors and exteriors, automobiles, aircraft, machines, appliances, traffic paint and other special purpose coatings. The amount of TiO₂ used in coatings varies widely depending

on the opacity, color and quality desired. In general, the higher the opacity requirement of the coating, the greater the TiO₂ content.

TiO₂ for plastics – Kronos produces TiO₂ pigments that improve the optical and physical properties of plastics, including whiteness and opacity. TiO₂ is used to provide opacity to items such as containers and packaging materials, and vinyl products such as windows, door profiles and siding. TiO₂ also generally provides hiding power, neutral undertone, brightness and surface durability for housewares, appliances, toys, computer cases and food packages. TiO₂'s high brightness along with its opacity, is used in some engineering plastics to help mask their undesirable natural color. TiO₂ is also used in masterbatch, which is a concentrate of TiO₂ and other additives and is one of the largest uses for TiO₂ in the plastics end-use market. In masterbatch, the TiO₂ is dispersed at high concentrations into a plastic resin and is then used by manufacturers of plastic containers, bottles, packaging and agricultural films.

TiO₂ for paper – Kronos' TiO₂ is used in the production of several types of paper, including laminate (decorative) paper, filled paper and coated paper to provide whiteness, brightness, opacity and color stability. Although Kronos sells its TiO₂ to all segments of the paper end-use market, its primary focus is on the TiO₂ grades used in coated board and paper laminates, where several layers of paper are laminated together using melamine resin under high temperature and pressure. The top layer of paper contains TiO₂ and plastic resin and is the layer that is printed with decorative patterns. Paper laminates are used to replace materials such as wood and tile for such applications as counter tops, furniture and wallboard. TiO₂ is beneficial in these applications because it assists in preventing the material from fading or changing color after prolonged exposure to sunlight and other weathering agents.

TiO₂ for other applications – Kronos produces TiO₂ to improve the opacity and hiding power of printing inks. TiO₂ allows inks to achieve very high print quality while not interfering with the technical requirements of printing machinery, including low abrasion, high printing speed and high temperatures. Kronos' TiO₂ is also used in textile applications where TiO₂ functions as an opacifying and delustering agent. In man-made fibers such as rayon and polyester, TiO₂ corrects an otherwise undesirable glossy and translucent appearance. Without the presence of TiO₂, these materials would be unsuitable for use in many textile applications.

Kronos produces high-purity sulfate process anatase TiO₂ used to provide opacity, whiteness and brightness in a variety of cosmetic and personal care products, such as skin cream, lipstick, eye shadow and toothpaste. In pharmaceuticals, Kronos' TiO₂ is used commonly as a colorant in tablet and capsule coatings as well as in liquid medicines to provide uniformity of color and appearance. KRONOS[®] purified anatase grades meet the applicable requirements of the CTFA (Cosmetics, Toiletries and Fragrances Association), USP and BP (United States Pharmacopoeia and British Pharmacopoeia) and the FDA (United States Food and Drug Administration).

Kronos' TiO₂ business is enhanced by the following three complementary businesses, which comprised approximately 10% of its net sales in 2023:

- Kronos owns and operates an ilmenite mine in Norway pursuant to a governmental concession with an unlimited term. Ilmenite is a raw material used directly as a feedstock by some sulfate-process TiO₂ plants. Along with supplying ilmenite ore to its sulfate plants in Europe, Kronos also sells ilmenite ore to third parties, some of whom are its competitors. The mine has estimated ilmenite reserves that it expects, based on internal estimates, to last approximately 50 years.
- Kronos manufactures and sells iron-based chemicals, which are co-products and processed co-products of sulfate and chloride process TiO₂ pigment production. These co-product chemicals are marketed through its Ecochem division and are primarily used as treatment and conditioning agents for industrial effluents and municipal wastewater as well as in the manufacture of iron pigments, cement and agricultural products.
- Kronos manufactures and sells other specialty chemicals, which are side-stream products from the production of TiO₂. These specialty chemicals are used in applications in the formulation of pearlescent pigments, production of electroceramic capacitors for cell phones and other electronic devices and natural gas pipe and other specialty applications.

Manufacturing, operations and properties - Kronos produces TiO₂ in two crystalline forms: rutile and anatase. Rutile TiO₂ is manufactured using both a chloride production process and a sulfate production process, whereas anatase TiO₂ is only produced using a sulfate production process. Manufacturers of many end-use applications can use either form, especially during periods of tight supply for TiO₂. The chloride process is the preferred form for use in coatings and plastics, the two largest end-use markets. Due to environmental factors and customer considerations, the proportion of TiO₂ industry sales represented by chloride process pigments has remained stable relative to sulfate process pigments, and in 2023, chloride process production facilities represented approximately 43% of industry capacity. The sulfate process is preferred for use in selected paper products, ceramics, rubber tires, man-made fibers, food products, pharmaceuticals and cosmetics. Once an intermediate TiO₂ pigment has been produced by either the chloride or sulfate process, it is “finished” into products with specific performance characteristics for particular end-use applications through proprietary processes involving various chemical surface treatments and intensive micronizing (milling).

- *Chloride process* – The chloride process is a continuous process in which chlorine is used to extract rutile TiO₂. The chloride process produces less waste than the sulfate process because much of the chlorine is recycled and feedstock bearing higher titanium content is used. The chloride process also has lower energy requirements and is less labor-intensive than the sulfate process, although the chloride process requires a higher-skilled labor force. The chloride process produces an intermediate base pigment with a wide range of properties. The chloride process produces a product with a blueish undertone and is the preferred form to produce TiO₂ pigments for use in coatings and plastics, the two largest end-use markets.
- *Sulfate process* – The sulfate process is a batch process in which sulfuric acid is used to extract the TiO₂ from ilmenite or titanium slag. After separation from the impurities in the ore (mainly iron), the TiO₂ is precipitated and calcined to form an intermediate base pigment ready for sale or can be upgraded through finishing treatments. The sulfate process produces a warmer undertone and is preferred for use in selected paper products, ceramics, rubber tires, man-made fibers, food products, pharmaceuticals and cosmetics, some of which generate higher profit margins.

Kronos produced 545,000, 492,000, and 401,000 metric tons of TiO₂ in 2021, 2022 and 2023, respectively. Kronos’ production volumes include its share of the output produced by its TiO₂ manufacturing joint venture discussed below. Kronos’ average production capacity utilization rates were approximately full practical capacity in 2021, 89% in 2022 and 72% in 2023. Beginning in the fourth quarter of 2022 and continuing throughout 2023, Kronos adjusted production levels to correspond with reduced customer demand resulting from challenging economic conditions and geopolitical uncertainties.

Kronos operates facilities throughout North America and Europe, including the only sulfate process plant in North America and four TiO₂ plants in Europe (one in each of Leverkusen, Germany; Nordenham, Germany; Langerbrugge, Belgium; and Fredrikstad, Norway). In North America, Kronos has a TiO₂ plant in Varennes, Quebec, Canada and, through the manufacturing joint venture described below, a 50% interest in a TiO₂ plant near Lake Charles, Louisiana.

Kronos’ chloride process production and remaining sulfate production capacity has increased by approximately 5% over the past ten years due to debottlenecking programs with only moderate capital expenditures. Kronos operated its facilities at reduced capacities in the fourth quarter of 2022 and through 2023.

The following table presents the division of Kronos' expected 2024 manufacturing capacity by plant location and type of manufacturing process:

Facility	Description	% of capacity by TiO ₂ manufacturing process	
		Chloride	Sulfate
Leverkusen, Germany (1)	TiO ₂ production, chloride process, co-products	32%	—%
Nordenham, Germany	TiO ₂ production, sulfate process, co-products	—	11
Langerbrugge, Belgium	TiO ₂ production, chloride process, co-products, titanium chemicals products	16	—
Fredrikstad, Norway (2)	TiO ₂ production, sulfate process, co-products	—	6
Varenes, Canada	TiO ₂ production, chloride and sulfate process, slurry facility, titanium chemicals products	18	3
Lake Charles, LA, US (3)	TiO ₂ production, chloride process	14	—
Total		80%	20%

- (1) The Leverkusen facility is located within a more extensive manufacturing complex. Kronos owns its Leverkusen facility, which represents about one-third of Kronos' current TiO₂ production capacity, but Kronos leases the land under the facility under a long-term agreement which expires in 2050. Lease payments are periodically negotiated for periods of at least two years at a time. A third-party operator of the manufacturing complex provides some raw materials including chlorine, auxiliary and operating materials, utilities and services necessary to operate the Leverkusen facility under separate supplies and services agreements.
- (2) The Fredrikstad facility is located on public land and is leased until 2063.
- (3) Kronos operates the facility near Lake Charles, Louisiana through a joint venture with Venator Investments LLC (Venator Investments), a wholly-owned subsidiary of Venator Group, of which Venator Materials PLC (Venator) owns 100% and the amount indicated in the table above represents the share of TiO₂ produced by the joint venture to which it is entitled. The joint venture owns the land and facility.

Kronos owns the land underlying all of its principal production facilities unless otherwise indicated in the table above.

Kronos also operates an ilmenite mine in Norway pursuant to a governmental concession with an unlimited term. In addition, Kronos operates a rutile slurry manufacturing plant near Lake Charles, Louisiana, which converts dry pigment primarily manufactured for Kronos at the Lake Charles TiO₂ facility into a slurry form that is then shipped to customers.

Kronos has corporate and administrative offices located in the U.S., Germany, Norway, Canada, Belgium, and France.

TiO₂ manufacturing joint venture - Kronos Louisiana, Inc., one of Kronos' subsidiaries, and Venator Investments each own a 50% interest in a manufacturing joint venture, Louisiana Pigment Company, L.P. (LPC). LPC owns and operates a chloride-process TiO₂ plant located near Lake Charles, Louisiana. Kronos and Venator share production from the plant equally pursuant to separate offtake agreements, unless Kronos and Venator otherwise agree.

A supervisory committee directs the business and affairs of the joint venture, including production and output decisions. This committee is composed of four members, two of whom Kronos appoints and two of whom Venator appoints. Two general managers manage the operations of the joint venture acting under the direction of the supervisory committee. Kronos appoints one general manager and Venator appoints the other.

Kronos does not consolidate LPC because Kronos does not control it. Kronos accounts for its interest in the joint venture by the equity method. The joint venture operates on a break-even basis and therefore Kronos does not have any equity in earnings of the joint venture. Kronos is required to purchase one half of the TiO₂ produced by the joint venture. All costs and capital expenditures are shared equally with Venator with the exception of feedstock (purchased natural rutile ore or chlorine slag) and packaging costs for the pigment grades produced. Kronos' share of net costs is reported as cost of sales as the TiO₂ is sold.

Raw materials - The primary raw materials used in chloride process TiO₂ are titanium-containing feedstock (purchased natural rutile ore or chlorine slag), chlorine and petroleum coke. Chlorine is available from a number of suppliers, while petroleum coke is available from a limited number of suppliers. Titanium-containing feedstock suitable for use in the chloride process is available from a limited but increasing number of suppliers principally in Australia, South Africa, Sierra Leone, Canada and India. Kronos purchases feedstock for its chloride process TiO₂ from the following primary suppliers for certain contractually specified volumes for delivery extending, in some cases, through 2026:

Supplier	Product	Renewal Terms
Rio Tinto Iron and Titanium Ltd	Chloride process grade slag	Auto-renews bi-annually
Rio Tinto Iron and Titanium Ltd	Upgraded slag	Auto-renews annually
Eramet SA	Chloride process grade slag	Renewal terms upon negotiations
Sierra Rutile Limited	Rutile ore	Renewal terms upon negotiations
Iluka Resources Limited	Rutile ore	Renewal terms upon negotiations
Saraf Agencies Private Limited	Chloride process grade slag	Renewal terms upon negotiations

In the past Kronos has been, and expects it will continue to be, successful in obtaining short-term and long-term extensions to these and other existing supply contracts. Kronos expects the raw materials purchased under these contracts, and contracts it may enter into, will meet its chloride process feedstock requirements over the next several years. Multi-year contracts generally may be terminated with a 12-month written notice or based on certain defaults by either party or failure to agree on pricing as noted in the agreements.

The primary raw materials used in sulfate process TiO₂ are titanium-containing feedstock, primarily ilmenite or purchased sulfate grade slag, and sulfuric acid. Sulfuric acid is available from a number of suppliers. Titanium-containing feedstock suitable for use in the sulfate process is available from a limited number of suppliers principally in Norway, Canada, Australia, India and South Africa. As one of the few vertically-integrated producers of sulfate process TiO₂, Kronos operates a rock ilmenite mine in Norway, which provided all of the feedstock for its European sulfate process TiO₂ plants in 2023. Kronos expects ilmenite production from its mine to meet its European sulfate process feedstock requirements for the foreseeable future. For Kronos' Canadian sulfate process plant, it purchases sulfate grade slag primarily from Rio Tinto Fer et Titane Inc. under a supply contract that renews annually, subject to termination upon twelve months written notice. Kronos expects the raw materials purchased under this contract, and contracts that it may enter into, to meet its sulfate process feedstock requirements over the next several years.

Many of Kronos' raw material contracts contain fixed quantities it is required to purchase or specify a range of quantities within which it is required to purchase. The pricing under these agreements is generally negotiated quarterly or semi-annually.

The following table summarizes Kronos' raw materials purchased or mined in 2023.

<u>Production process/raw material</u>	<u>Raw materials procured or mined (In thousands of metric tons)</u>
Chloride process plants -	
Purchased slag or rutile ore	430
Sulfate process plants:	
Ilmenite ore mined and used internally	156
Purchased slag	15
Purchased ilmenite ore	8

Sales and marketing - Kronos' marketing strategy is aimed at developing and maintaining strong relationships with new and existing customers. Because TiO₂ represents a significant input cost for its customers, the purchasing decisions are often made by its customers' senior management. Kronos works to maintain close relationships with the key decision makers through in-depth and frequent contact. Kronos endeavors to extend these commercial and technical relationships to multiple levels within its customers' organizations using its direct sales force and technical service group to accomplish this objective. Kronos believes this helps build customer loyalty and strengthens its competitive position. Close cooperation and strong customer relationships enable Kronos to stay closely attuned to trends in its customers' businesses. Where appropriate, Kronos works in conjunction with its customers to solve formulation or application problems by modifying specific product properties or developing new pigment grades. Kronos also focuses its sales and marketing efforts on those geographic and end-use market segments where it believes it can realize higher selling prices. This focus includes continuously reviewing and optimizing its customer and product portfolios.

Kronos also works directly with its customers to monitor the success of its products in their end-use applications, evaluate the need for improvements in its product and process technology and identify opportunities to develop new product solutions for its customers. Kronos' marketing staff closely coordinates with its sales force and technical specialists to ensure the needs of its customers are met, and to help develop and commercialize new grades where appropriate.

Kronos sells a majority of its products through its direct sales force operating in Europe and North America. Kronos also utilizes sales agents and distributors who are authorized to sell its products in specific geographic areas. In Europe, Kronos' sales efforts are conducted primarily through its direct sales force and its sales agents. Kronos' agents do not sell any TiO₂ products other than KRONOS® branded products. In North America, Kronos' sales are made primarily through its direct sales force and supported by a network of distributors. Kronos has increased its marketing efforts over the last several years in export markets and Kronos' sales are now made through its direct sales force, sales agents and distributors. In addition to Kronos' direct sales force and sales agents, many of its sales agents also act as distributors to service its customers in all regions. Kronos offers customer and technical service to customers who purchase its products through distributors as well as to its larger customers serviced by its direct sales force.

Kronos sells to a diverse customer base with only one customer representing 10% or more of its net sales in 2023 (Behr Process Corporation – 12%). Kronos' largest ten customers accounted for approximately 35% of net sales in 2023.

Neither Kronos' business as a whole nor any of its principal product groups is seasonal to any significant extent. However, TiO₂ sales are generally higher in the second and third quarters of the year, due in part to the increase in coatings production in the spring to meet demand during the spring and summer painting seasons. Kronos normally builds inventories during the first and fourth quarters of each year in order to maximize its product availability during the higher demand periods normally experienced in the second and third quarters.

Competition - The TiO₂ industry is highly competitive. Kronos competes primarily on the basis of price, product quality, technical service and the availability of high performance pigment grades. Since TiO₂ is not traded through a commodity market, its pricing is largely a product of negotiation between suppliers and their respective customers. Price and availability are the most significant competitive factors along with quality and customer service for the majority of its product grades. Increasingly, Kronos is focused on providing pigments that are differentiated to meet specific customer

requests and specialty grades that are differentiated from its competitors' products. During 2023, Kronos had an estimated 6% share of worldwide TiO₂ sales volume, and based on sales volume Kronos believes it is the leading seller of TiO₂ in several countries, including Germany.

Kronos' principal competitors are The Chemours Company, Tronox Incorporated, LB Group Co. Ltd. and Venator Materials PLC. The top five TiO₂ producers (i.e. Kronos and its four principal competitors) account for approximately 52% of the world's production capacity.

The following chart shows Kronos' estimate of worldwide production capacity in 2023:

Chemours	14 %
Tronox	12 %
LB Group Co.Ltd.	12 %
Kronos	7 %
Venator	7 %
Other	48 %

Chemours has approximately one-half of total North American TiO₂ production capacity and is Kronos' principal North American competitor. LB Group. Ltd. previously announced it plans to add an additional 200,000 tons of chloride capacity which we expect will be added incrementally over the next several years. In addition, several of Kronos' competitors have recently closed or announced plans to close facilities or otherwise reduce capacity, including Chemours which closed its Taiwan facility with an estimated 160,000 tons of chloride process capacity in 2023 and Venator which announced plans in 2024 to close its Duisburg, Germany facility with an estimated 50,000 tons of sulphate process capacity.

The TiO₂ industry is characterized by high barriers to entry consisting of high capital costs, proprietary technology and significant lead times required to construct new facilities or to expand existing capacity. Therefore, over the past ten years, Kronos and its competitors increased industry capacity through debottlenecking projects; however, this increase only partly compensated for the shut-down of various TiO₂ plants throughout the world. Although overall industry demand is expected to increase in 2024, other than through debottlenecking projects and the LB Group Co. Ltd. expansion mentioned above, Kronos does not expect any significant efforts will be undertaken by Kronos or its principal competitors to further increase capacity and Kronos believes it is unlikely any new TiO₂ plants will be constructed in Europe or North America for the foreseeable future. If actual developments differ from Kronos' expectations, the TiO₂ industry's and Kronos' performance could be unfavorably affected.

Research and development - Kronos employs scientists, chemists, process engineers and technicians who are engaged in research and development, process technology and quality assurance activities in Leverkusen, Germany. These individuals have the responsibility for improving Kronos' chloride and sulfate production processes, improving product quality and strengthening Kronos' competitive position by developing new products and applications. Kronos' expenditures for these activities were approximately \$17 million in 2021, \$15 million in 2022 and \$18 million in 2023. Kronos expects to spend approximately \$14 million on research and development in 2024.

Kronos continually seeks to improve the quality of its grades and has been successful in developing new grades for existing and new applications to meet the needs of its customers and increase product life cycles. Since the beginning of 2019, Kronos has added seven new grades for pigments and other applications.

Patents, trademarks, trade secrets and other intellectual property rights - Kronos has a comprehensive intellectual property protection strategy that includes obtaining, maintaining and enforcing its patents, primarily in the United States, Canada and Europe. Kronos also registers, maintains, and protects its trademark rights. Kronos maintains the secrecy of its trade secret rights and protects them by means of security protocols and confidentiality agreements. In some instances, Kronos has entered into license agreements with third parties concerning various intellectual property matters. Kronos has also from time to time been involved in disputes over intellectual property.

Patents - Kronos has obtained patents and has numerous patent applications pending that cover certain aspects of its products and the technology used in the manufacture of its products. Kronos' patent strategy is important to it and its continuing business activities. In addition to maintaining its patent portfolio, Kronos seeks patent protection for its technical developments, principally in the United States, Canada and Europe. U.S. patents are generally in effect from the time that they issue as patents and then extend for 20 years from the date of filing. Kronos' U.S. patent portfolio includes patents having remaining terms ranging from one year to 18 years.

Trademarks - Kronos trademarks, including KRONOS®, are covered by issued and/or pending registrations, including in Canada and the United States. Kronos protects the trademarks it uses in connection with the products it manufactures and sells and has developed goodwill in connection with its long-term use of its trademarks.

Trade secrets - Kronos conducts research activities in secret and it protects the confidentiality of its trade secrets through reasonable measures, including confidentiality agreements and security procedures, including data security. Kronos relies upon unpatented proprietary knowledge and continuing technological innovation and other trade secrets to develop and maintain its competitive position. Kronos' proprietary chloride production process is an important part of its technology and Kronos' business could be harmed if it fails to maintain confidentiality of its trade secrets used in this technology.

Regulatory and environmental matters - Kronos' operations and properties are governed by various environmental laws and regulations which are complex, change frequently and have tended to become stricter over time. These environmental laws govern, among other things, the generation, storage, handling, use and transportation of hazardous materials; the emission and discharge of hazardous materials into the ground, air or water; and the health and safety of its employees. Certain of Kronos' operations are, or have been, engaged in the generation, storage, handling, manufacture or use of substances or compounds that may be considered toxic or hazardous within the meaning of applicable environmental laws and regulations. As with other companies engaged in similar businesses, certain of Kronos' past and current operations and products have the potential to cause environmental or other damage. Kronos has implemented and continues to implement various policies and programs in an effort to minimize these risks. Kronos' policy is to comply with applicable environmental laws and regulations at all its facilities and to strive to improve its environmental performance and overall sustainability. It is possible that future developments, such as stricter requirements in environmental laws and enforcement policies, could adversely affect its operations, including production, handling, use, storage, transportation, sale or disposal of hazardous or toxic substances or require Kronos to make capital and other expenditures to comply, and could adversely affect its consolidated financial position and results of operations or liquidity. During 2021, Kronos was notified by government authorities in Norway that the classification of a dam at its mine facilities was changed to the highest level for Norwegian classification of dam structures. As a result, its mine operations are subject to a higher degree of oversight and regulation than existed prior to this change in classification. In 2023, Kronos completed capital projects for improvements to the dam and related areas necessary to meet the new classification standards.

Kronos has a history of identifying new ways to reduce consumption and waste by converting byproducts to co-products through its KRONOS ecochem® products. Annually Kronos updates and publishes its Safety, Environment, Energy and Quality Policy which is translated into local languages and distributed to all its employees and shared publicly via its website. Kronos has implemented rigorous procedures for incident reporting and investigation, including root cause analysis of environmental and safety incidents and near misses. Because TiO₂ production requires significant energy input, Kronos is focused on energy efficiency at all production locations. Four of its five production facilities maintain certifications to the ISO 50001:2018 Energy Management standard and all locations have local energy teams in place. These teams are responsible for maintaining ISO 50001:2018 certifications (where applicable), performing regular reviews of local energy consumption, making recommendations regarding capital projects that reduce energy consumption and associated Greenhouse Gas (GHG) emissions or enhance efficiency. When possible, Kronos looks for opportunities to partner with local government authorities through grant opportunities to reduce energy consumption and associated GHG emissions. Kronos also actively manages potential water-related risks, including flooding and water shortages. Kronos' manufacturing facilities are strategically located adjacent to sources of water, which it uses for process operations and for shipping and receiving raw materials and finished products. Water-critical processes are identified and ongoing efforts to minimize water use are incorporated into environmental planning.

Kronos' U.S. manufacturing operations are governed by federal, state and local environmental and worker health and safety laws and regulations. These include the Resource Conservation and Recovery Act, or RCRA, the Occupational Safety and Health Act, the Clean Air Act, the Clean Water Act, the Safe Drinking Water Act, the Toxic Substances Control Act and the Comprehensive Environmental Response, Compensation and Liability Act, as amended by the Superfund Amendments and Reauthorization Act, or CERCLA, as well as the state counterparts of these statutes. Some of these laws hold current or previous owners or operators of real property liable for the costs of cleaning up contamination, even if these owners or operators did not know of, and were not responsible for, such contamination. These laws also assess liability on any person who arranges for the disposal or treatment of hazardous substances, regardless of whether the affected site is owned or operated by such person. Although Kronos has not incurred and does not currently anticipate any material liabilities in connection with such environmental laws, Kronos may be required to make expenditures for environmental remediation in the future.

While the laws regulating operations of industrial facilities in Europe vary from country to country, a common regulatory framework is provided by the European Union, or the EU. Germany and Belgium are members of the EU and follow its initiatives. Norway is not a member but generally patterns its environmental regulatory actions after those of the EU.

From time to time, Kronos' facilities may be subject to environmental regulatory enforcement under U.S. and non-U.S. statutes. Typically Kronos establishes compliance programs to resolve these matters. Occasionally, Kronos may pay penalties. To date, such penalties have not involved amounts having a material adverse effect on Kronos' consolidated financial position, results of operations or liquidity. Kronos believes that all of its facilities are in substantial compliance with applicable environmental laws.

From time to time, new environmental, health and safety regulations are passed or proposed in the countries in which Kronos operates or sells its products, seeking to regulate its operations or to restrict, limit or classify TiO₂. Kronos believes that it is in substantial compliance with laws applicable to the regulation of TiO₂. However, increased regulatory scrutiny could affect consumer perception of TiO₂ or limit the marketability and demand for TiO₂ or products containing TiO₂ and increase its regulatory and compliance costs.

On October 1, 2021, EU Regulation No. 1272/2008 classifying dry TiO₂ and mixtures containing dry TiO₂ as a suspected carcinogen via inhalation went into force. Kronos' dry TiO₂ products do not meet the criteria set forth in the regulation and therefore do not require classification labels. On November 23, 2022 the Court of Justice of the European Union annulled the classification of TiO₂ as a suspected carcinogen in its entirety. That decision is currently under appeal.

Kronos' capital expenditures related to ongoing environmental compliance, protection and improvement programs, including capital expenditures which are primarily focused on increasing operating efficiency but also result in improved environmental protection such as lower emissions from its manufacturing facilities, were \$11.2 million in 2023 and are currently expected to be approximately \$28 million in 2024.

ENVIRONMENTAL, SOCIAL AND GOVERNANCE (ESG)

Through our subsidiaries and affiliates, we seek to operate our businesses in line with sound ESG principles that include corporate governance, social responsibility, sustainability and cybersecurity. We believe ESG means conducting operations with high standards of environmental and social responsibility, practicing exemplary ethical standards, focusing on safety as a top priority, respecting human rights and supporting our local communities, and continuously developing our employees. At their facilities, Kronos and CompX undertake various environmental sustainability programs, and promote social responsibility and volunteerism through programs designed to support and give back to the local communities in which each operates. Each of Kronos' and CompX's locations maintain site-specific safety programs and disaster response and business continuity plans. All manufacturing facilities have detailed, site-specific emergency response procedures Kronos and CompX believe adequately address regulatory compliance, vulnerability to potential hazards, emergency response and action plans, employee training, alarms and warning systems and crisis communication.

The U.S. government and various non-U.S. governmental agencies of countries in which Kronos operates have adopted or are contemplating regulatory changes relating to certain ESG topics, such as the Corporate Social Responsibility

Directive adopted by the European Union on November 28, 2022 (EU CSRD). European jurisdictions in which Kronos operates have not yet adopted local legislation to implement the EU CSRD. Kronos is evaluating and will continue to evaluate the applicability of the EU CSRD as regulatory guidance is issued and as the European countries in which it operates adopt implementing legislation and it will establish a compliance program to address any applicable requirements.

In an effort to align our non-employee directors' financial interests with those of our stockholders, our board of directors established share ownership guidelines for our non-management directors.

Kronos has taken steps to integrate ESG considerations into operating decisions with other critical business factors. Kronos biennially publishes an ESG Report, which is available on its public website. The primary purpose of its ESG Report is to describe Kronos' policies and programs in the area of ESG, including certain internal metrics and benchmarks related to various aspects of ESG. Kronos voluntarily developed these internal metrics and benchmarks, which Kronos uses to identify progress and opportunities for improvement. These metrics are not intended to be directly comparable to similar metrics utilized by other companies to track ESG performance, as the standards, methodologies and assumptions used to determine these metrics vary by company and jurisdiction.

HUMAN CAPITAL RESOURCES

Employees - We operate through our subsidiaries and affiliate and through our intercorporate services agreement with Contran (see Note 15 to our Consolidated Financial Statements). We have no direct employees. Our operating results depend in part on Kronos' and CompX's ability to successfully manage their human capital resources, including attracting, identifying and retaining key talent. Kronos and CompX each have a well-trained labor force with a substantial number of long-tenured employees. Kronos and CompX provide competitive compensation and benefits to their employees, some of which for Kronos are offered under collective bargaining agreements. In addition to salaries, these programs, which vary by country/region, can include annual bonuses, a defined benefit pension plan (for Kronos), a defined contribution plan with employer matching, a profit sharing plan, healthcare and insurance benefits, health savings and flexible spending accounts, paid time off, family leave, family care resources, employee assistance programs, and tuition assistance.

As of December 31, 2023, CompX employed 555 people, all in the United States.

As of December 31, 2023, Kronos employed the following number of people:

Europe	1,779
Canada	369
United States (1)	48
Total	<u>2,196</u>

(1) Excludes employees of Kronos' LPC joint venture.

CompX believes its labor relations are good at all of its facilities. Certain employees at each of Kronos' production facilities are organized by labor unions. Kronos strives to maintain good relationships with all its employees, including the unions and workers' councils representing those employees. In Europe, Kronos' union employees are covered by master collective bargaining agreements for the chemical industry that are generally renewed annually. At December 31, 2023, approximately 78% of Kronos' worldwide workforce is organized under collective bargaining agreements. Kronos did not experience any work stoppages during 2023, although it is possible that there could be future work stoppages or other labor disruptions that could materially and adversely affect its business, results of operations, financial position or liquidity.

Health and safety – Kronos and CompX believe protecting the health and safety of their workforce, customers, business partners and the natural environment are core values. Kronos and CompX are committed to maintaining a strong safety culture where all workers meet or exceed required industry performance standards and continuously seek to improve occupational and process safety performance. Kronos and CompX conduct their businesses in ways that provide all personnel with a safe and healthy work environment and have established safety and environmental programs and goals to achieve these results. Kronos and CompX expect their manufacturing facilities to produce products safely and in compliance with local regulations, policies, standards and practices intended to protect the environment and their people

and have established global policies designed to promote compliance. Kronos and CompX require their employees to comply with such requirements. Kronos and CompX provide their workers with the tools and training necessary to make the appropriate decisions to prevent accidents and injuries. Each of Kronos' and CompX's operating facilities develops, maintains and implements safety programs encompassing key aspects of their operations. In addition, management reviews and evaluates safety performance throughout the year.

CompX uses lost time incidents as a key measure of worker safety. CompX defines lost time incidents as work-related accidents where a worker sustains an injury that results in time away from work. CompX had one lost time incident in 2021, three in 2022 and one in 2023.

Kronos monitors conditions that could lead to a safety incident and keep track of injuries through reporting systems in accordance with laws in the jurisdictions in which it operates. With this data Kronos calculates incident frequency rates to assess the quality of its safety performance. Kronos also tracks overall safety performance at the global level. Each Kronos operating location is subject to local laws and regulations that dictate what injuries are required to be recorded and reported, which may differ from location to location and result in different methods of injury rate calculation. For internal global tracking, benchmarking and identification of opportunities for improvement, Kronos collects the location specific information and applies a U.S.-based injury rate calculation to arrive at a global total frequency rate, which is expressed as the number of incidents at its operating locations per 200,000 hours. This internal safety metric may not be directly comparable to a recordable incident rate calculated under U.S. law. Kronos' global total frequency rate was 1.08 in 2021 (0.90 was the frequency rate for employees only), 1.01 in 2022 (0.86 was the frequency rate for employees only) and 0.95 in 2023 (0.74 was the frequency rate for employees only).

Diversity and inclusion - We recognize that everyone deserves respect and equal treatment. Kronos and CompX embrace diversity and collaboration in their workforces and business initiatives. Kronos and CompX are equal opportunity employers and base employment decisions on merit, competence and qualifications, without regard to race, color, national origin, gender, age, religion, disability, sex, sexual orientation or other characteristics protected by applicable law in the jurisdictions in which they operate. Kronos and CompX promote a respectful, diverse and inclusive workplace in which all individuals are treated with respect and dignity.

OTHER

In addition to our 87% ownership of CompX and our 31% ownership of Kronos at December 31, 2023, we also hold certain marketable securities and other investments. See Note 5 to our Consolidated Financial Statements.

Regulatory and environmental matters - We discuss regulatory and environmental matters in the respective business sections contained elsewhere herein and in Item 3 - "Legal Proceedings." In addition, the information included in Note 16 to our Consolidated Financial Statements under the captions "Lead pigment litigation" and "Environmental matters and litigation" is incorporated herein by reference.

Insurance - We maintain insurance for our businesses and operations, with customary levels of coverage, deductibles and limits. See also Item 3 - "Legal Proceedings - Insurance coverage claims" and Note 16 to our Consolidated Financial Statements.

Business strategy - We routinely compare our liquidity requirements and alternative uses of capital against the estimated future cash flows we expect to receive from our subsidiaries and affiliates. As a result of this process, we have in the past and may in the future seek to raise additional capital, incur debt, repurchase indebtedness in the market, modify our dividend policies, consider the sale of our interests in our subsidiaries, affiliates, business, marketable securities or other assets, or take a combination of these and other steps, to increase liquidity, reduce indebtedness and fund future activities. Such activities have in the past and may in the future involve related companies. From time to time, we also evaluate the restructuring of ownership interests among our respective subsidiaries and related companies.

We and other entities that may be affiliated with Contran routinely evaluate acquisitions of interests in, or combinations with, companies, including related companies that provide strategic opportunities and synergies or that we perceive to be undervalued in the marketplace. These companies may or may not be engaged in businesses related to our

current businesses. In some instances, we have actively managed the businesses acquired with a focus on maximizing return-on-investment through cost reductions, capital expenditures, improved operating efficiencies, selective marketing to address market niches, disposition of marginal operations, use of leverage and redeployment of capital to more productive assets. In other instances, we have disposed of the acquired interest in a company prior to gaining control. We intend to consider such activities in the future and may, in connection with such activities, consider issuing additional equity securities and increasing our indebtedness.

Available information - Our fiscal year ends December 31. We furnish our shareholders with annual reports containing audited financial statements. In addition, we file annual, quarterly and current reports, proxy and information statements and other information with the SEC. Our consolidated subsidiary (CompX) and our significant equity method investee (Kronos) also file annual, quarterly, and current reports, proxy and information statements and other information with the SEC. We also make our annual report on Form 10-K, quarterly reports on Form 10-Q, current reports on Form 8-K and amendments thereto available free of charge through our website at www.nl-ind.com as soon as reasonably practicable after they have been filed with the SEC. We also provide to anyone, without charge, copies of such documents upon written request. Such requests should be directed to the attention of the Corporate Secretary at our address on the cover page of this Form 10-K. Additional information, including our Audit Committee charter, our Code of Business Conduct and Ethics and our Corporate Governance Guidelines can be found on our website. Information contained on our website is not part of this Annual Report.

We are an electronic filer and the SEC maintains an internet website that contains reports, proxy and information statements and other information regarding issuers that file electronically with the SEC at www.sec.gov.

ITEM 1A. RISK FACTORS

Listed below are certain risk factors associated with us and our businesses. See also certain risk factors discussed in Item 7 – “*Management’s Discussion and Analysis of Financial Condition and Results of Operations – Critical Accounting Policies and Estimates.*” In addition to the potential effect of these risk factors, any risk factor which could result in reduced earnings or operating losses, or reduced liquidity, could in turn adversely affect our ability to service our liabilities or pay dividends on our common stock or adversely affect the quoted market prices for our securities.

Operational Risk Factors

Demand for, and prices of, certain of Kronos’ products are influenced by changing market conditions for its products, which may result in reduced earnings or in operating losses.

Kronos’ sales and profitability are largely dependent on the TiO₂ industry. In 2023, approximately 90% of Kronos’ sales were attributable to sales of TiO₂. TiO₂ is used in many “quality of life” products for which demand historically has been linked to global, regional and local gross domestic product and discretionary spending, which can be negatively impacted by regional and world events or economic conditions. Such events are likely to cause a decrease in demand for Kronos’ products and, as a result, may have an adverse effect on our results of operations and financial condition.

Pricing within the global TiO₂ industry over the long term is cyclical and changes in economic conditions worldwide can significantly impact Kronos’ earnings and operating cash flows. Historically, the markets for many of Kronos’ products have experienced alternating periods of increasing and decreasing demand. Relative changes in the selling prices for Kronos’ products are one of the main factors that affect the level of its profitability. In periods of increasing demand, Kronos’ selling prices and profit margins generally will tend to increase, while in periods of decreasing demand Kronos’ selling prices and profit margins generally tend to decrease. In addition, pricing may affect customer inventory levels as customers may from time to time accelerate purchases of TiO₂ in advance of anticipated price increases or defer purchases of TiO₂ in advance of anticipated price decreases. Kronos’ ability to further increase capacity without additional investment in greenfield or brownfield capacity may be limited and as a result, Kronos’ profitability may become even more dependent upon the selling prices of its products.

The TiO₂ industry is concentrated and highly competitive and Kronos faces price pressures in the markets in which it operates, which may result in reduced earnings or operating losses.

The global market in which Kronos operates its business is concentrated, with the top five TiO₂ producers accounting for approximately 52% of the world's production capacity and is highly competitive. Competition is based on a number of factors, such as price, product quality and service. Kronos faces significant competition from international and regional competitors, including TiO₂ producers in China, who have significant sulfate production process capacity. Chinese producers have also continued to develop chloride process technology, and the risk of substitution of Kronos' products with products made by Chinese producers could increase if Chinese producers increase the use of chloride process technology and improve the quality of their sulfate and chloride products. Some of Kronos' competitors may be able to drive down prices for Kronos' products if their costs are lower than Kronos' costs, including its competitors with vertically integrated sources of raw materials for the chloride process who may have a competitive advantage during periods of high or rising raw material costs or who operate in regions with less stringent regulatory requirements. In addition, some of Kronos' competitors' financial, technological and other resources may be greater than its resources and such competitors may be better able to withstand changes in market conditions. Kronos' competitors may be able to respond more quickly than it can to new or emerging technologies and changes in customer requirements. Further, consolidation of Kronos' competitors or customers may result in reduced demand for its products or make it more difficult for Kronos to compete with its competitors. The occurrence of any of these events could result in reduced earnings or operating losses.

CompX operates in mature and highly competitive markets, resulting in pricing pressure and the need to continuously reduce costs.

Many of the markets CompX serves are highly competitive, with a number of competitors offering similar products. CompX focuses its efforts on the middle and high-end segment of the market where it feels that it can compete due to the importance of product design, quality and durability to the customer. However, CompX's ability to effectively compete is impacted by a number of factors. The occurrence of any of these factors could result in reduced earnings or operating losses.

- Competitors may be able to drive down prices for CompX's products beyond its ability to adjust costs because their costs are lower than CompX, especially products sourced from Asia.
- Competitors' financial, technological and other resources may be greater than CompX's resources, which may enable them to more effectively withstand changes in market conditions.
- Competitors may be able to respond more quickly than CompX can to new or emerging technologies and changes in customer requirements.
- Consolidation of CompX's competitors or customers in any of the markets in which it competes may result in reduced demand for its products.
- A reduction of CompX's market share with one or more of its key customers, or a reduction in one or more of its key customers' market share for their end-use products, may reduce demand for its products.
- New competitors could emerge by modifying their existing production facilities to manufacture products that compete with CompX's products.
- CompX may not be able to sustain a cost structure that enables it to be competitive.
- Customers may no longer value CompX's product design, quality or durability over the lower cost products of its competitors.

CompX's development of innovative features for current products is critical to sustaining and growing its sales.

Historically, CompX's ability to provide value-added custom engineered products that address requirements of technology and space utilization has been a key element of its success. CompX spends a significant amount of time and effort to refine, improve and adapt its existing products for new customers and applications. Since expenditures for these types of activities are not considered research and development expense under accounting principles generally accepted in

the United States of America (“GAAP”), the amount of CompX’s research and development expenditures, which is not significant, is not indicative of the overall effort involved in the development of new product features. The introduction of new product features requires the coordination of the design, manufacturing and marketing of the new product features with current and potential customers. The ability to coordinate these activities with current and potential customers may be affected by factors beyond CompX’s control. While CompX will continue to emphasize the introduction of innovative new product features that target customer-specific opportunities, it does not know if any new product features it introduces will achieve the same degree of success that it has achieved with its existing products. At times CompX works with new and existing customers on specific product innovations. Sometimes CompX has a cost sharing arrangement for development efforts although it may also fully bear the development costs. If a customer were to ultimately reject or abandon custom product innovation efforts, CompX may not be able to recover its development costs.

Higher costs or unavailability of CompX’s raw materials could negatively impact our financial results.

Certain raw materials used in CompX’s products are commodities that are subject to significant fluctuations in price in response to world-wide supply and demand as well as speculative investor activity. Zinc and brass are the principal raw materials used in the manufacture of security products. Stainless steel and aluminum are the major raw materials used in the manufacture of marine components. These raw materials are purchased from several suppliers and are generally readily available from numerous sources. CompX occasionally enters into short-term raw material supply arrangements to mitigate the impact of future increases in commodity-related raw material costs and ensure supply. Materials purchased outside of these arrangements are sometimes subject to unanticipated and sudden price increases.

Certain components used in CompX’s products are manufactured by foreign suppliers located in China and elsewhere. Global economic and political conditions, including natural disasters, terrorist acts, transportation disruptions, global conflicts and public health crises such as pandemics, could prevent CompX’s vendors from being able to supply these components. Should CompX’s vendors not be able to meet their supply obligations or should CompX be otherwise unable to obtain necessary raw materials or components, CompX may incur higher supply costs or may be required to reduce production levels, either of which may decrease our liquidity or negatively impact our financial condition or results of operations as CompX may be unable to offset the higher costs with increases in its selling prices or reductions in other operating costs.

Higher costs or limited availability of Kronos’ raw materials may reduce its earnings and decrease its liquidity. In addition, many of Kronos’ raw material contracts contain fixed quantities it is required to purchase.

For Kronos, the number of sources for and availability of certain raw materials is specific to the particular geographical region in which its facilities are located. Titanium-containing feedstocks suitable for use in Kronos’ TiO₂ facilities are available from a limited number of suppliers around the world. Political and economic instability or increased regulations in the countries from which Kronos purchases or mines its raw material supplies could adversely affect raw material availability. If Kronos or Kronos’ worldwide vendors are unable to meet their planned or contractual obligations and Kronos was unable to obtain necessary raw materials, Kronos could incur higher costs for raw materials or may be required to reduce production levels. Kronos experienced increases in feedstock costs in 2022 and 2023, for example, which affected its margins. Kronos has also experienced higher operating costs such as energy costs. Future variations in the cost of energy, which primarily reflect market prices for oil and natural gas, and for raw materials may significantly affect its operating results and decrease liquidity as Kronos may not always be able to increase its selling prices to offset the impact of any higher costs or reduced production levels.

Kronos has supply contracts that provide for its TiO₂ feedstock requirements. While Kronos believes it will be able to renew these contracts, as necessary, Kronos does not know if it will be successful in renewing them or in obtaining long-term extensions to them prior to expiration. Kronos’ current agreements require it to purchase certain minimum quantities of feedstock with minimum purchase commitments aggregating approximately \$583 million beginning in 2024 and extending through 2026. In addition, Kronos has other long-term supply and service contracts that provide for various raw materials and services. These agreements require Kronos to purchase certain minimum quantities or services with minimum purchase commitments aggregating approximately \$72 million at December 31, 2023. Kronos’ commitments under these contracts could adversely affect our financial results if Kronos significantly reduces its production and was unable to modify the contractual commitments.

Our assets consist primarily of investments in our operating subsidiaries and affiliate, and we are dependent upon distributions from our subsidiaries and affiliate.

The majority of our operating cash flows are generated by our operating subsidiaries and affiliate, and our ability to service liabilities and pay dividends on our common stock depends to a large extent upon the cash dividends or other distributions we receive from our subsidiaries and affiliate. Our subsidiaries and affiliate are separate and distinct legal entities and they have no obligation, contingent or otherwise, to pay cash dividends or other distributions to us. In addition, the payment of dividends or other distributions from our subsidiaries and affiliate could be subject to restrictions under applicable law, monetary transfer restrictions, currency exchange regulations in jurisdictions in which our subsidiaries and affiliate operate or any other restrictions imposed by current or future agreements to which our subsidiaries and affiliate may be a party, including debt instruments. Events beyond our control, including changes in general business and economic conditions, could adversely impact the ability of our subsidiaries and affiliate to pay dividends or make other distributions to us. If our subsidiaries and affiliate were to become unable to make sufficient cash dividends or other distributions to us, our ability to service our liabilities and to pay dividends on our common stock could be adversely affected.

In addition, a significant portion of our assets consist of ownership interests in our subsidiaries and affiliate. If we were required to liquidate our subsidiaries' and affiliate's securities in order to generate funds to satisfy our liabilities, we may be required to sell such securities at a time or times for less than what we believe to be the long-term value of such assets.

Kronos' leverage may impair our financial condition.

Kronos has a significant amount of debt, primarily related to its Senior Secured Notes issued in September 2017 and February 2024. As of December 31, 2023, Kronos' total consolidated debt was approximately \$441 million. Kronos' level of debt could have important consequences to its stockholders and creditors, including:

- making it more difficult for Kronos to satisfy its obligations with respect to its liabilities;
- increasing its vulnerability to adverse general economic and industry conditions;
- requiring that a portion of its cash flows from operations be used for the payment of interest on its debt, which reduces its ability to use its cash flow to fund working capital, capital expenditures, dividends on its common stock, acquisitions or general corporate requirements;
- limiting the ability of Kronos' subsidiaries to pay dividends to it;
- limiting Kronos' ability to obtain additional financing to fund future working capital, capital expenditures, acquisitions or general corporate requirements;
- limiting Kronos' flexibility in planning for, or reacting to, changes in its business and the industry in which it operates; and
- placing Kronos at a competitive disadvantage relative to other less leveraged competitors.

Indebtedness outstanding under Kronos' global revolving credit facility (Global Revolver) accrues interest at variable rates. To the extent market interest rates rise, the cost of Kronos' debt could increase, even if the amount borrowed remains the same, adversely affecting its financial condition, results of operations and cash flows.

In addition to Kronos' indebtedness, Kronos is party to various lease and other agreements (including feedstock purchase contracts and other long-term supply and service contracts, as discussed above) pursuant to which, along with its indebtedness, Kronos is committed to pay approximately \$543 million in 2024. Kronos' ability to make payments on and refinance its debt and to fund planned capital expenditures depends on its ability to generate cash flow in the future. To some extent, this is subject to general economic, financial, competitive, legislative, regulatory and other factors that are beyond its control. In addition, Kronos' ability to borrow funds under its Global Revolver in the future, in some instances, will depend in part on its ability to maintain specified financial ratios and satisfy certain financial covenants contained in the credit agreement governing the Global Revolver.

Kronos' business may not generate cash flows from operating activities sufficient to enable it to pay its debts when they become due and to fund its other liquidity needs. As a result, Kronos may need to refinance all or a portion of its debt before maturity, as we have done in the past. Kronos may not be able to refinance any of its debt in a timely manner on favorable terms, if at all, in the current credit markets. Any inability to generate sufficient cash flows or to refinance its debt on favorable terms could have a material adverse effect on its financial condition and impact its ability to pay a dividend to us.

Legal, Compliance and Regulatory Risk Factors

We could incur significant costs related to legal and environmental matters.

We formerly manufactured lead pigments for use in paint. We and others have been named as defendants in various legal proceedings seeking damages for personal injury, property damage and governmental expenditures allegedly caused by the use of lead-based paints. These lawsuits seek recovery under a variety of theories, including public and private nuisance, negligent product design, negligent failure to warn, strict liability, breach of warranty, conspiracy/concert of action, aiding and abetting, enterprise liability, market share or risk contribution liability, intentional tort, fraud and misrepresentation, violations of state consumer protection statutes, supplier negligence and similar claims. The plaintiffs in these actions generally seek to impose on the defendants responsibility for lead paint abatement and health concerns associated with the use of lead-based paints, including damages for personal injury, contribution and/or indemnification for medical expenses, medical monitoring expenses and costs for educational programs. We entered into a legal settlement in one public-nuisance lead pigment case and have recognized a material liability related to the settlement. Any additional liability we might incur in the future for these matters could be material. See also Item 3 - "Legal Proceedings - Lead pigment litigation."

Certain properties and facilities used in our former operations are the subject of litigation, administrative proceedings or investigations arising under various environmental laws. These proceedings seek cleanup costs, personal injury or property damages and/or damages for injury to natural resources. Some of these proceedings involve claims for substantial amounts. Environmental obligations are difficult to assess and estimate for numerous reasons, and we may incur costs for environmental remediation in the future in excess of amounts currently estimated. Any liability we might incur in the future could be material. See also Item 3 - "Legal Proceedings - Environmental matters and litigation."

If some or all of Kronos' or CompX's intellectual property were to be declared invalid, held to be unenforceable or copied by competitors, or some or all of Kronos' or CompX's confidential information become known to competitors, or if Kronos' or CompX's competitors were to develop similar or superior intellectual property or technology, their ability to compete could be adversely impacted.

Protection of intellectual property rights, including patents, copyrights, trade secrets, confidential information, trademarks and tradenames, is important to Kronos' and CompX's businesses and their competitive positions. Kronos and CompX endeavor to protect their intellectual property rights in key jurisdictions in which their products are produced, sold or used and in jurisdictions into which their products are imported. However, Kronos and CompX may be unable to obtain protection for their intellectual property in key jurisdictions. Although Kronos and CompX have applied for numerous patents and trademarks throughout the world, they may have to engage in judicial enforcement in order to protect their patent rights and other proprietary rights. Kronos' and CompX's patents and other intellectual property rights may be challenged, invalidated, circumvented, rendered unenforceable or otherwise compromised. A failure to protect, defend or enforce intellectual property could have an adverse effect on our financial condition and results of operations. Similarly, third parties may assert claims against Kronos and CompX and their customers and distributors alleging their products infringe upon third-party intellectual property rights. In the event that any such third party prevails against Kronos or CompX on such claims, there could be an adverse effect on our financial condition and results of operations.

Although it is the practice of Kronos to enter into confidentiality agreements with its employees and third parties to protect its proprietary expertise and other trade secrets, these agreements may not provide sufficient protection for its trade secrets or proprietary know-how, or adequate remedies for breaches of such agreements may not be available in the event of an unauthorized use or disclosure of such trade secrets and know-how. Kronos also may not be able to readily detect breaches of such agreements. The failure of Kronos' confidentiality agreements to protect its proprietary technology,

know-how or trade secrets could result in a material loss of its competitive position, which could lead to significantly lower revenues, reduced profit margins or loss of market share.

CompX relies on patent, trademark and trade secret laws in the United States and similar laws in other countries to establish and maintain intellectual property rights in its technology and designs. Despite these measures, any of CompX's intellectual property rights could be challenged, invalidated, circumvented or misappropriated. Third parties may independently discover CompX's trade secrets and proprietary information, and in such cases CompX could not assert any trade secret rights against such parties. Further, CompX does not know if any of its pending trademark or patent applications will be approved. Costly and time-consuming litigation could be necessary to enforce and determine the scope of intellectual property rights. In addition, the laws of certain countries do not protect intellectual property rights to the same extent as the laws of the United States. Therefore, in certain jurisdictions, CompX may be unable to protect its technology and designs adequately against unauthorized third-party use, which could adversely affect its competitive position.

Third parties may claim that CompX or its customers are infringing upon their intellectual property rights. Even if CompX believes such claims are without merit, they can be time-consuming and costly to defend and distract management's and technical staff's attention and resources. Claims of intellectual property infringement also might require CompX to redesign affected technology, enter into costly settlement or license agreements or pay costly damage awards, or face a temporary or permanent injunction prohibiting CompX from marketing or selling certain technology. If CompX cannot or does not license the infringed technology on reasonable pricing terms or at all, or substitute similar technology from another source, our business could be adversely impacted.

If Kronos or CompX must take legal action to protect, defend or enforce intellectual property rights, any suits or proceedings could result in significant costs, including attorney's fees and diversion of resources and management's attention, and Kronos or CompX may not prevail in any such suits or proceedings.

Environmental, health and safety laws and regulations, particularly as they relate to Kronos, may result in increased regulatory scrutiny which could decrease demand for Kronos' products, increase Kronos' manufacturing and compliance costs or obligations and result in unanticipated losses which could negatively impact its financial results or limit its ability to operate its business.

From time to time, new environmental, health and safety regulations are passed or proposed in the countries in which Kronos operates or sells its products, seeking to regulate its operations or to restrict, limit or classify TiO₂, or its use. Increased regulatory scrutiny could affect consumer perception of TiO₂ or limit the marketability and demand for TiO₂ or products containing TiO₂ or increase Kronos' manufacturing and regulatory compliance obligations and costs. Increased compliance obligations and costs or restrictions on operations, raw materials and certain TiO₂ applications could negatively impact Kronos' future financial results through increased costs of production, or reduced sales which may decrease its liquidity, operating income and results of operations, which could in turn negatively impact our investment in Kronos.

Global climate change laws and regulations could negatively impact our financial results or limit Kronos' and CompX's ability to operate their businesses.

CompX operates production facilities in the United States and Kronos operates production facilities in North America and Europe. Many of Kronos' and CompX's facilities require large amounts of energy, including electricity and natural gas, in order to conduct operations. The U.S. government and various non-U.S. governmental agencies of countries in which Kronos and CompX operate have determined the consumption of energy derived from fossil fuels is a major contributor to climate change and have adopted or are contemplating regulatory changes in response to the potential impact of climate change, including laws and regulations requiring enhanced reporting (such as the Corporate Social Responsibility Directive adopted by the European Union on November 28, 2022) as well as legislation regarding carbon emission costs, GHG emissions and renewable energy targets. International treaties or agreements may also result in increasing regulation of GHG emissions, including emissions permits and/or energy taxes or the introduction of carbon emissions trading mechanisms. To date, the existing GHG laws and regulations in effect in the various countries in which Kronos or CompX operates have not had a material adverse effect on financial results. Until the timing, scope and extent

of any new or future regulation becomes known, we cannot predict the effect on Kronos' or CompX's business, results of operations or financial condition. However, if further GHG laws and regulations were to be enacted in one or more countries, it could negatively impact Kronos or CompX future results of operations through increased costs of production, particularly as it relates to their energy requirements or their need to obtain emissions permits. If such increased costs of production were to materialize, Kronos or CompX may be unable to pass price increases on to their customers to compensate for increased production costs, which may decrease their liquidity, operating income and results of operations. In addition, any adopted future laws and regulations focused on climate change and/or GHG emissions could negatively impact Kronos' or CompX's ability (or that of its customers and suppliers) to compete with companies situated in areas not subject to such laws and regulations.

General Risk Factors

Kronos' operating as a global business presents risks associated with global and regional economic, political, and regulatory environments.

Kronos has significant international operations which, along with its customers and suppliers, could be substantially affected by a number of risks arising from operating a multi-national business, including trade barriers, tariffs, economic sanctions, exchange controls, global and regional economic downturns, terrorism, armed conflict (such as the current conflicts between Russia and Ukraine and Israel and Hamas), natural disasters, pandemics or other health crises and political conditions. Kronos may encounter difficulties enforcing agreements or other legal rights and the effective tax rate may fluctuate based on the variability of geographic earnings and statutory tax rates. TiO₂ production requires significant energy input, and economic sanctions or supply disruptions resulting from armed conflict could lead to additional volatility in global energy prices and energy supply disruptions. These risks, individually or in the aggregate, could have an adverse effect on Kronos' results of operations and financial condition.

Technology failures or cybersecurity breaches could have a material adverse effect on our operations.

Kronos and CompX rely on integrated information technology systems to manage, process and analyze data, including to facilitate the manufacture and distribution of their products to and from their facilities, receive, process and ship orders, manage the billing of and collections from their customers and manage payments to vendors. Although Kronos and CompX have systems and procedures in place to protect information technology systems, there can be no assurance that such systems and procedures would be sufficiently effective. Therefore, any of Kronos' and CompX's information technology systems may be susceptible to outages, disruptions or destruction from power outages, telecommunications failures, employee error, cybersecurity breaches or attacks and other similar events. This could result in a disruption of Kronos' or CompX's business operations, injury to people, harm to the environment or their assets, and/or the inability to access their information technology systems and could adversely affect our results of operations and financial condition. Kronos and CompX have in the past experienced, and expect to continue to experience, cyber-attacks, including phishing and other attempts to breach or gain unauthorized access to, their systems, and vulnerabilities introduced into their systems by trusted third-party vendors who have experienced cyber-attacks. To date Kronos and CompX have not suffered breaches in their systems, either directly or through a trusted third-party vendor, which have led to material losses. Due to the increase in global cybersecurity incidents it has become increasingly difficult to obtain insurance coverage on reasonable pricing terms to mitigate some risks associated with technology failures or cybersecurity breaches, and Kronos and CompX are experiencing such difficulties in obtaining insurance coverage.

Physical impacts of climate change could have a material adverse effect on Kronos' or CompX's costs and operations.

Climate change may increase both the frequency and severity of extreme weather conditions and natural disasters, such as hurricanes, thunderstorms, tornadoes, drought and snow or ice storms. Extreme weather conditions may increase our costs or cause damage to Kronos' or CompX's facilities, and any damage resulting from extreme weather may not be fully insured. Climate change has also been associated with rising sea levels and many of Kronos' facilities are located near coastal areas or waterways where rising sea levels or flooding could disrupt its operations or adversely impact its facilities. Furthermore, periods of extended inclement weather or associated droughts or flooding may inhibit Kronos' or CompX's facility operations and delay or hinder shipments of products to customers. Any such events could have a material adverse effect on Kronos' or CompX's costs or results of operations.

ITEM 1B. UNRESOLVED STAFF COMMENTS

None

ITEM 1C. CYBERSECURITY

We operate through our subsidiaries and affiliate and receive services through our intercorporate services agreement (ISA) with Contran (see Note 15 to our Consolidated Financial Statements). We recognize the importance of assessing, identifying, and managing material risks associated with cybersecurity threats. These risks include, among other things: operational risks, intellectual property theft, fraud, extortion, harm to employees or customers and violation of data privacy or security laws. Our cybersecurity programs are built on operations and compliance foundations. Operations focus on continuous detection, prevention, measurement, analysis, and response to cybersecurity alerts and incidents and on emerging threats. Compliance establishes oversight of our cybersecurity programs by creating risk-based controls to protect the integrity, confidentiality, accessibility, and availability of company data stored, processed, or transferred. Our cybersecurity program is integrated within our overall risk management processes.

Kronos and CompX each have their own cybersecurity programs. Our corporate cybersecurity program is led by the chief information officer (CIO) of Contran who provides services to us under the ISA, and who is responsible for our overall information security strategy, policy, security engineering, operations and cyber threat detection and response. Our corporate information systems are owned and operated by Contran and provided to us through the ISA. The Contran CIO, who also serves as the Kronos CIO, reports to the chief executive officer of Contran and Kronos, respectively. CompX's cybersecurity program is led by the director of information technology (IT). The director of IT reports to CompX's vice president in charge of coordinating operational activities within CompX's two operating business segments. Both the Contran CIO and the director of IT have extensive information technology and program management experience and lead teams that have many years of experience with each organization. Cybersecurity risks at each company are also reviewed and tested annually through third-party assessments and internal and external information technology audits. Our, Kronos' and CompX's information technology teams review enterprise risk management level cybersecurity risks annually.

We, Kronos and CompX continually enhance our security structure with the ultimate goal of preventing cybersecurity incidents to the extent feasible, while simultaneously increasing our system resilience in an effort to minimize the business impact should an incident occur. Third parties also play a role in our cybersecurity. We, Kronos and CompX engage third-party services to conduct evaluations of our security controls through penetration testing, red team testing, consulting on best practices, and to address new challenges. These evaluations include testing both the design and operational effectiveness of security controls. All employees are required to complete cybersecurity training at least once a year and have access to more frequent cybersecurity training through online training. We also require employees in certain roles to complete additional role-based, specialized cybersecurity trainings.

We, Kronos and CompX each have a Cybersecurity Incident Disclosure and Controls Committee (CIDAC) which is central to the response and evaluation of cybersecurity incidents. Our CIDAC is comprised of the Contran CIO and senior executives including our chief executive officer, chief financial officer and general counsel. Security events and data incidents are evaluated, ranked by severity and prioritized for response and remediation. The IT teams are responsible for categorizing cybersecurity incidents, with incidents evaluated to be high or critical security risks brought to the CIDAC for review and evaluation. Incidents are evaluated to determine materiality as well as operational and business impact. Our CIDAC, as well as the Kronos and CompX CIDAC, performs simulations and tabletop exercises at a management level to evaluate our readiness and response to cybersecurity incidents. External resources and advisors are incorporated as needed.

Our board of directors oversees management's processes for identifying and mitigating risks, including cybersecurity risks, to help align our risk exposure with our strategic objectives. Senior leadership, including our chief financial officer, and the Contran CIO regularly brief the board of directors on our cybersecurity and information security posture, and our board of directors is apprised of cybersecurity incidents deemed to have a high or critical business impact, even if immaterial to us. The board has delegated some of its primary risk oversight to board committees, including that

our audit committee facilitates the board's process of oversight of our overall risk management approach. Our full board retains oversight of cybersecurity because of its importance to us and visibility with our customers.

In the event of an incident, we intend to follow our detailed incident response playbook, which outlines the steps to be followed from incident detection to mitigation, recovery, and notification. This includes notifying functional areas (such as legal and human resources), senior leadership, and the board as appropriate.

We, Kronos and CompX face a number of cybersecurity risks. To date, such risks have not materially affected us, including our business strategy, results of operations or financial condition. While we have not experienced any breaches, we have encountered occasional attempts, albeit of minor significance, targeting our data and systems, including instances of malware and computer virus infiltration. Thus far all such incidents have been minor. For more information about the cybersecurity risks we face, see the risk factor entitled "Technology failures or cybersecurity breaches could have a material adverse effect on our operations." in Item 1A- "Risk Factors".

ITEM 2. PROPERTIES

Our principal executive offices are located in an office building located at 5430 LBJ Freeway, Dallas, Texas, 75240-2620. The principal properties used in the operations of our subsidiaries and affiliates, including certain risks and uncertainties related thereto, are described in the applicable business sections of Item 1 – "Business." We believe that our facilities are generally adequate and suitable for our respective uses.

ITEM 3. LEGAL PROCEEDINGS

We are involved in various legal proceedings. In addition to information that is included below, we have included certain of the information required for this Item in Note 16 to our Consolidated Financial Statements, and we are incorporating that information here by reference.

Lead pigment litigation

Our former operations included the manufacture of lead pigments for use in paint and lead-based paint. We, other former manufacturers of lead pigments for use in paint and lead-based paint (together, the "former pigment manufacturers"), and the Lead Industries Association (LIA), which discontinued business operations in 2002, have been named as defendants in various legal proceedings seeking damages for personal injury, property damage and governmental expenditures allegedly caused by the use of lead-based paints. Certain of these actions have been filed by or on behalf of states, counties, cities or their public housing authorities and school districts, and certain others have been asserted as class actions. These lawsuits seek recovery under a variety of theories, including public and private nuisance, negligent product design, negligent failure to warn, strict liability, breach of warranty, conspiracy/concert of action, aiding and abetting, enterprise liability, market share or risk contribution liability, intentional tort, fraud and misrepresentation, violations of state consumer protection statutes, supplier negligence and similar claims.

The plaintiffs in these actions generally seek to impose on the defendants responsibility for lead paint abatement and health concerns associated with the use of lead-based paints, including damages for personal injury, contribution and/or indemnification for medical expenses, medical monitoring expenses and costs for educational programs. To the extent the plaintiffs seek compensatory or punitive damages in these actions, such damages are generally unspecified. In some cases, the damages are unspecified pursuant to the requirements of applicable state law. A number of cases are inactive or have been dismissed or withdrawn. Most of the remaining cases are in various pre-trial stages. Some are on appeal following dismissal or summary judgment rulings or a trial verdict in favor of either the defendants or the plaintiffs.

We believe we have substantial defenses to these actions and we intend to continue to deny all allegations of wrongdoing and liability and to defend against all actions vigorously. We do not believe it is probable we have incurred any liability with respect to pending lead pigment litigation cases to which we are a party, and with respect to all such lead

pigment litigation cases to which we are a party, we believe liability to us that may result, if any, in this regard cannot be reasonably estimated, because:

- we have never settled any of the market share, intentional tort, fraud, nuisance, supplier negligence, breach of warranty, conspiracy, misrepresentation, aiding and abetting, enterprise liability, or statutory cases (other than the Santa Clara case discussed below),
- no final, non-appealable adverse judgments have ever been entered against us, and
- we have never ultimately been found liable with respect to any such litigation matters, including over 100 cases over a thirty-year period for which we were previously a party and for which we have been dismissed without any finding of liability.

Accordingly, we have not accrued any amounts for any of the pending lead pigment and lead-based paint litigation cases filed by or on behalf of states, counties, cities or their public housing authorities and school districts, or those asserted as class actions. In addition, we have determined that liability to us which may result, if any, cannot be reasonably estimated at this time because there is no prior history of a loss of this nature on which an estimate could be made and there is no substantive information available upon which an estimate could be based.

In the matter titled *County of Santa Clara v. Atlantic Richfield Company, et al.* (Superior Court of the State of California, County of Santa Clara, Case No. 1-00-CV-788657) on July 24, 2019, an order approving a global settlement agreement entered into among all of the plaintiffs and the three defendants remaining in the case (the Sherwin Williams Company, ConAgra Grocery Products and us) was entered by the court and the case was dismissed with prejudice. The global settlement agreement provides that an aggregate \$305 million will be paid collectively by the three co-defendants in full satisfaction of all claims resulting in a dismissal of the case with prejudice and the resolution of (i) all pending and future claims by the plaintiffs in the case, and (ii) all potential claims for contribution or indemnity between us and our co-defendants in respect to the case. In the agreement, we expressly deny any and all liability and the dismissal of the case with prejudice was entered by the court without a final judgment of liability entered against us. The settlement agreement fully concludes this matter.

Under the terms of the global settlement agreement, each defendant must pay an aggregate \$101.7 million to the plaintiffs as follows: \$25.0 million within sixty days of the court's approval of the settlement and dismissal of the case, and the remaining \$76.7 million in six annual installments beginning on the first anniversary of the initial payment (\$12.0 million for the first five installments and \$16.7 million for the sixth installment). Our sixth installment will be made with funds already on deposit at the court, which is included in noncurrent restricted cash on our Consolidated Balance Sheets, that are committed to the settlement, including all accrued interest at the date of payment, with any remaining balance to be paid by us (and any amounts on deposit in excess of the final payment would be returned to us). Pursuant to the settlement agreement, we placed an additional \$9.0 million into an escrow account which is included in noncurrent restricted cash on our Consolidated Balance Sheets.

For financial reporting purposes, using a discount rate of 1.9% per annum, we discounted the aggregate \$101.7 million settlement to the estimated net present value of \$96.3 million. We made the initial \$25.0 million payment in September 2019 and the first, second, third and fourth annual installment payments of \$12.0 million each in September 2020, 2021, 2022, and 2023. We recognized an aggregate accretion expense of \$1.1 million, \$0.9 million and \$0.7 million in 2021, 2022, and 2023 respectively.

In January 2024, NL was served with a third-party complaint in a matter titled *Arriena Beal v. Hattie Mitchell, et al.* (Circuit Court of Milwaukee County, Wisconsin, Case No. 21-cv-3276). The plaintiff in this case sued her former landlords and several former manufacturers of lead paint for injuries allegedly attributable to lead paint, but did not sue NL. Several of the former lead paint manufacturer defendants later filed a third-party complaint against NL, seeking contribution for any damages they may ultimately have to pay to the plaintiff. We believe we have substantial defenses to these claims under Wisconsin law and intend to defend ourselves vigorously.

New cases may continue to be filed against us. We do not know if NL will incur liability in the future in respect of any of the pending or possible litigation in view of the inherent uncertainties involved in court and jury rulings. In the future, if new information regarding such matters becomes available to us (such as a final, non-appealable adverse verdict

against us or otherwise ultimately being found liable with respect to such matters), at that time we would consider such information in evaluating any remaining cases then-pending against us as to whether it might then have become probable we have incurred liability with respect to these matters, and whether such liability, if any, could have become reasonably estimable. The resolution of any of these cases could result in the recognition of a loss contingency accrual that could have a material adverse impact on our net income for the interim or annual period during which such liability is recognized and a material adverse impact on our consolidated financial condition and liquidity.

Environmental matters and litigation

Certain properties and facilities used in our former operations, including divested primary and secondary lead smelters and former mining locations, are the subject of civil litigation, administrative proceedings or investigations arising under federal and state environmental laws and common law. Additionally, in connection with past operating practices, we are currently involved as a defendant, potentially responsible party (PRP) or both, pursuant to the Comprehensive Environmental Response, Compensation and Liability Act, as amended by the Superfund Amendments and Reauthorization Act (CERCLA), and similar state laws in various governmental and private actions associated with waste disposal sites, mining locations, and facilities that we or our predecessors, our subsidiaries or their predecessors currently or previously owned, operated or used, certain of which are on the United States Environmental Protection Agency's (EPA) Superfund National Priorities List or similar state lists. These proceedings seek cleanup costs, damages for personal injury or property damage and/or damages for injury to natural resources. Certain of these proceedings involve claims for substantial amounts. Although we may be jointly and severally liable for these costs, in most cases we are only one of a number of PRPs who may also be jointly and severally liable, and among whom costs may be shared or allocated. In addition, we are occasionally named as a party in a number of personal injury lawsuits filed in various jurisdictions alleging claims related to environmental conditions alleged to have resulted from our operations.

Obligations associated with environmental remediation and related matters are difficult to assess and estimate for numerous reasons including the:

- complexity and differing interpretations of governmental regulations,
- number of PRPs and their ability or willingness to fund such allocation of costs,
- financial capabilities of the PRPs and the allocation of costs among them,
- solvency of other PRPs,
- multiplicity of possible solutions,
- number of years of investigatory, remedial and monitoring activity required,
- uncertainty over the extent, if any, to which our former operations might have contributed to the conditions allegedly giving rise to such personal injury, property damage, natural resource and related claims, and
- number of years between former operations and notice of claims and lack of information and documents about the former operations.

In addition, the imposition of more stringent standards or requirements under environmental laws or regulations, new developments or changes regarding site cleanup costs or the allocation of costs among PRPs, solvency of other PRPs, the results of future testing and analysis undertaken with respect to certain sites or a determination that we are potentially responsible for the release of hazardous substances at other sites, could cause our expenditures to exceed our current estimates. Actual costs could exceed accrued amounts or the upper end of the range for sites for which estimates have been made, and costs may be incurred for sites where no estimates presently can be made. Further, additional environmental and related matters may arise in the future. If we were to incur any future liability, this could have a material adverse effect on our consolidated financial statements, results of operations and liquidity.

We record liabilities related to environmental remediation and related matters (including costs associated with damages for personal injury or property damage and/or damages for injury to natural resources) when estimated future expenditures are probable and reasonably estimable. We adjust such accruals as further information becomes available to

us or as circumstances change. Unless the amounts and timing of such estimated future expenditures are fixed and reasonably determinable, we generally do not discount estimated future expenditures to their present value due to the uncertainty of the timing of the payout. We recognize recoveries of costs from other parties, if any, as assets when their receipt is deemed probable. At December 31, 2022 and December 31, 2023, we had not recognized any receivables for recoveries.

We do not know and cannot estimate the exact time frame over which we will make payments for our accrued environmental and related costs. The timing of payments depends upon a number of factors, including but not limited to the timing of the actual remediation process; which in turn depends on factors outside of our control. At each balance sheet date, we estimate the amount of our accrued environmental and related costs which we expect to pay within the next twelve months, and we classify this estimate as a current liability. We classify the remaining accrued environmental costs as a noncurrent liability.

On a quarterly basis, we evaluate the potential range of our liability for environmental remediation and related costs at sites where we have been named as a PRP or defendant, including sites for which our wholly-owned environmental management subsidiary, NL Environmental Management Services, Inc., (EMS), has contractually assumed our obligations. At December 31, 2023, we had accrued approximately \$91 million related to approximately 33 sites associated with remediation and related matters we believe are at the present time and/or in their current phase reasonably estimable. The upper end of the range of reasonably possible costs to us for remediation and related matters for which we believe it is possible to estimate costs is approximately \$118 million, including the amount currently accrued. These accruals have not been discounted to present value.

We believe it is not reasonably possible to estimate the range of costs for certain sites. At December 31, 2023, there were approximately five sites for which we are not currently able to reasonably estimate a range of costs. For these sites, generally the investigation is in the early stages, and we are unable to determine whether or not we actually had any association with the site, the nature of our responsibility, if any, for the contamination at the site, if any, and the extent of contamination at and cost to remediate the site. The timing and availability of information on these sites is dependent on events outside of our control, such as when the party alleging liability provides information to us. At certain of these previously inactive sites, we have received general and special notices of liability from the EPA and/or state agencies alleging that we, sometimes with other PRPs, are liable for past and future costs of remediating environmental contamination allegedly caused by former operations. These notifications may assert that we, along with any other alleged PRPs, are liable for past and/or future clean-up costs. As further information becomes available to us for any of these sites, which would allow us to estimate a range of costs, we would at that time adjust our accruals. Any such adjustment could result in the recognition of an accrual that would have a material effect on our consolidated financial statements, results of operations and liquidity.

In June 2008, we received a Directive and Notice to Insurers from the New Jersey Department of Environmental Protection (NJDEP) regarding the Margaret's Creek site in Old Bridge Township, New Jersey. NJDEP alleged that a waste hauler transported waste from one of our former facilities for disposal at the site in the early 1970s. NJDEP referred the site to the EPA, and in November 2009, the EPA added the site to the National Priorities List under the name "Raritan Bay Slag Site." In 2012, EPA notified NL of its potential liability at this site. In May 2013, EPA issued its Record of Decision for the site. In June 2013, NL filed a contribution suit under CERCLA and the New Jersey Spill Act titled *NL Industries, Inc. v. Old Bridge Township, et al.* (United States District Court for the District of New Jersey, Civil Action No. 3:13-cv-03493-MAS-TJB) against the current owner, Old Bridge Township, and several federal and state entities NL alleges designed and operated the site and who have significant potential liability as compared to NL which is alleged to have been a potential source of material placed at the site by others. NL's suit also names certain former NL customers of the former NL facility alleged to be the source of some of the materials. In January 2014, EPA issued a Unilateral Administrative Order (UAO) to NL for clean-up of the site based on the EPA's preferred remedy set forth in the Record of Decision. NL has denied liability and will defend vigorously against all claims while continuing to seek contribution from other PRPs.

In August 2009, we were served with a complaint in *Raritan Baykeeper, Inc. d/b/a NY/NJ Baykeeper et al. v. NL Industries, Inc. et al.* (United States District Court, District of New Jersey, Case No. 3:09-cv-04117). This is a citizen's suit filed by two local environmental groups pursuant to the Resource Conservation and Recovery Act and the Clean Water

Act against NL, current owners, developers and state and local government entities. The complaint alleges that hazardous substances were and continue to be discharged from our former Sayreville, New Jersey property into the sediments of the adjacent Raritan River. The former Sayreville site is currently being remediated by owner/developer parties under the oversight of the NJDEP. The plaintiffs seek a declaratory judgment, injunctive relief, imposition of civil penalties and an award of costs. In June 2022, NL received a letter from the NJDEP informing NL that remediation of contaminated sites upriver of the former Sayreville site had progressed to the point that it was now appropriate for NL to resume investigating the sediments adjacent to the Sayreville site. NL has been diligently conducting that investigation in compliance with NJDEP regulations. The lawsuit remains pending. NL continues to deny liability and will defend vigorously against all claims.

In 2011, we were served in *ASARCO LLC v. NL Industries, Inc., et al.* (United States District Court, Western District of Missouri, Case No. 4:11-cv-00138-DGK) and *ASARCO LLC v. NL Industries, Inc., et al.* (United States District Court, Eastern District of Missouri, Case No. 4:11-cv-00864). Both cases are CERCLA contribution actions brought against several defendants to recover a portion of the amount the plaintiff paid in settlement with the U.S. Government during its Chapter 11 bankruptcy. The court in each case entered indefinite stays of the litigation in 2013 and 2015, which remain in place.

In July 2012, we were served in *EPEC Polymers, Inc., v. NL Industries, Inc.*, (United States District Court for the District of New Jersey, Case 3:12-cv-03842-PGS-TJB). The plaintiff, a landowner of property located across the Raritan River from our former Sayreville, New Jersey operation, claims that contaminants from NL's former Sayreville operation came to be located on its land. The complaint seeks compensatory and punitive damages and alleges, among other things, trespass, private nuisance, negligence, strict liability, and claims under CERCLA and the New Jersey Spill Act. We have denied liability and will defend vigorously against all of the claims.

In September 2013, EPA issued to NL and 34 other PRPs general notice of potential liability and a demand for payment of past costs and performance of a Remedial Design for the Gowanus Canal Superfund Site in Brooklyn, New York. In March 2014, EPA issued a UAO to NL and approximately 27 other PRPs for performance of the Remedial Design at the site. EPA contends that NL is liable as the alleged successor to the Doehler Die Casting Company, and therefore responsible for any potential contamination at the site resulting from Doehler's ownership/operation of a warehouse and a die casting plant it owned 90 years ago. In April 2019, EPA issued a second UAO to NL and approximately 27 other PRPs for performance of certain work related to the Remedial Design at the site. NL believes that it has no liability at the site. NL has been in discussions with EPA regarding a *de minimis* settlement and is otherwise taking actions necessary to respond to the UAO. If these discussions are ultimately unsuccessful, NL will continue to deny liability and will defend vigorously against all of the claims.

In January 2020, we were sued in *Atlantic Richfield, Co. v. NL Industries, Inc.*, (United States District Court for the District of Colorado, Case 1:20-cv-00234). This is a CERCLA cost recovery action brought by a past owner and operator of certain mining properties located in Rico, Colorado. In 2023, the trial court granted partial summary judgment for NL and the plaintiff appealed that decision to the Court of Appeals for the Tenth Circuit. We continue to deny liability and will defend vigorously against all claims.

In December 2020, NL and several other defendants were sued in *California Department of Toxic Substances v. NL Industries, Inc.*, (United States District Court for the Central District of California, Case 2:20-cv-11293). This complaint by a California state agency asserts claims under CERCLA, a state environmental statute, and the common law relating to lead contamination allegedly connected to a secondary lead smelter located in Vernon, California. In October 2022, the trial court issued an order finding that NL and the other defendants are not liable under CERCLA for lead contamination in residential neighborhoods surrounding, but at a distance from, the former secondary lead smelter. In August 2023, the trial court issued orders finding that NL and several other defendants are jointly liable for contamination on areas where operations were previously conducted, but are not liable for contamination outside those former operating areas. Neither the amount of damages owed, nor any party's allocated share of such damages, has yet been determined. We have denied liability and will continue to defend vigorously against all claims.

In December 2023, NL and several other defendants were sued in *Sunset Commercial, LLC v. Stauffer Management Co., et al.* (United States District Court for the District of Nevada, Case 2:23-cv-02081). The complaint

asserts claims under CERCLA as well as claims for private nuisance, negligence, trespass, and strict liability. The plaintiff asserts that hazardous substances located on its property are attributable to a large industrial facility in the area. The plaintiff alleges NL is liable for once holding a lease on the industrial property and for its past partial ownership of another company. NL intends to deny liability and will defend vigorously against all claims.

Other litigation

We have been named as a defendant in various lawsuits in several jurisdictions, alleging personal injuries as a result of occupational exposure primarily to products manufactured by our former operations containing asbestos, silica and/or mixed dust. In addition, some plaintiffs allege exposure to asbestos from working in various facilities previously owned and/or operated by us. There are 108 of these types of cases pending, involving a total of approximately 582 plaintiffs. In addition, the claims of approximately 8,715 plaintiffs have been administratively dismissed or placed on the inactive docket in Ohio state courts. We do not expect these claims will be re-opened unless the plaintiffs meet the courts' medical criteria for asbestos-related claims. We have not accrued any amounts for this litigation because of the uncertainty of liability and inability to reasonably estimate the liability, if any. To date, we have not been adjudicated liable in any of these matters.

Based on information available to us, including:

- facts concerning historical operations,
- the rate of new claims,
- the number of claims from which we have been dismissed, and
- our prior experience in the defense of these matters,

we believe the range of reasonably possible outcomes of these matters will be consistent with our historical costs (which are not material). Furthermore, we do not expect any reasonably possible outcome would involve amounts material to our consolidated financial position, results of operations or liquidity. We have sought and will continue to vigorously seek, dismissal and/or a finding of no liability from each claim. In addition, from time to time, we have received notices regarding asbestos or silica claims purporting to be brought against former subsidiaries, including notices provided to insurers with which we have entered into settlements extinguishing certain insurance policies. These insurers may seek indemnification from us.

In addition to the matters described above, we and our affiliates are also involved in various other environmental, contractual, product liability, patent (or intellectual property), employment and other claims and disputes incidental to present and former businesses. In certain cases, we have insurance coverage for these items, although we do not expect additional material insurance coverage for environmental matters. We currently believe that the disposition of all of these various other claims and disputes (including asbestos-related claims), individually or in the aggregate, should not have a material adverse effect on our consolidated financial position, results of operations or liquidity beyond the accruals already provided.

Insurance coverage claims

We are involved in certain legal proceedings with a number of our former insurance carriers regarding the nature and extent of the carriers' obligations to us under insurance policies with respect to certain lead pigment and asbestos lawsuits. The issue of whether insurance coverage for defense costs or indemnity or both will be found to exist for our lead pigment and asbestos litigation depends upon a variety of factors and we cannot assure you that such insurance coverage will be available.

We have agreements with certain of our former insurance carriers pursuant to which the carriers reimburse us for a portion of our future lead pigment litigation defense costs, and one such carrier reimburses us for a portion of our future asbestos litigation defense costs. We are not able to determine how much we will ultimately recover from these carriers for defense costs incurred by us because of certain issues that arise regarding which defense costs qualify for

reimbursement. While we continue to seek additional insurance recoveries, we do not know if we will be successful in obtaining reimbursement for either defense costs or indemnity. Accordingly, we recognize insurance recoveries in income only when receipt of the recovery is probable and we are able to reasonably estimate the amount of the recovery.

In January 2014, we were served with a complaint in *Certain Underwriters at Lloyds, London, et al v. NL Industries, Inc.* (Supreme Court of the State of New York, County of New York, Index No. 14/650103). The plaintiff, a former insurance carrier of ours, is seeking a declaratory judgment of its obligations to us under insurance policies issued to us by the plaintiff with respect to certain lead pigment lawsuits. Other insurers have been added as parties to the case and have also sought a declaratory judgment regarding their obligations under certain insurance policies. NL has filed a counterclaim seeking a declaratory judgment that all of the insurers are obligated to provide NL with certain coverage and seeking damages for breach of contract. In December 2020, the trial court denied the insurers' motion for summary judgment, finding that the arguments raised by the insurers did not bar NL from coverage under the relevant policies. We intend to defend NL's rights and prosecute NL's claims in this action vigorously.

We have settled insurance coverage claims concerning environmental claims with certain of our principal former insurance carriers. We do not expect further material settlements relating to environmental remediation coverage.

ITEM 4. MINE SAFETY DISCLOSURES

Not applicable

PART II

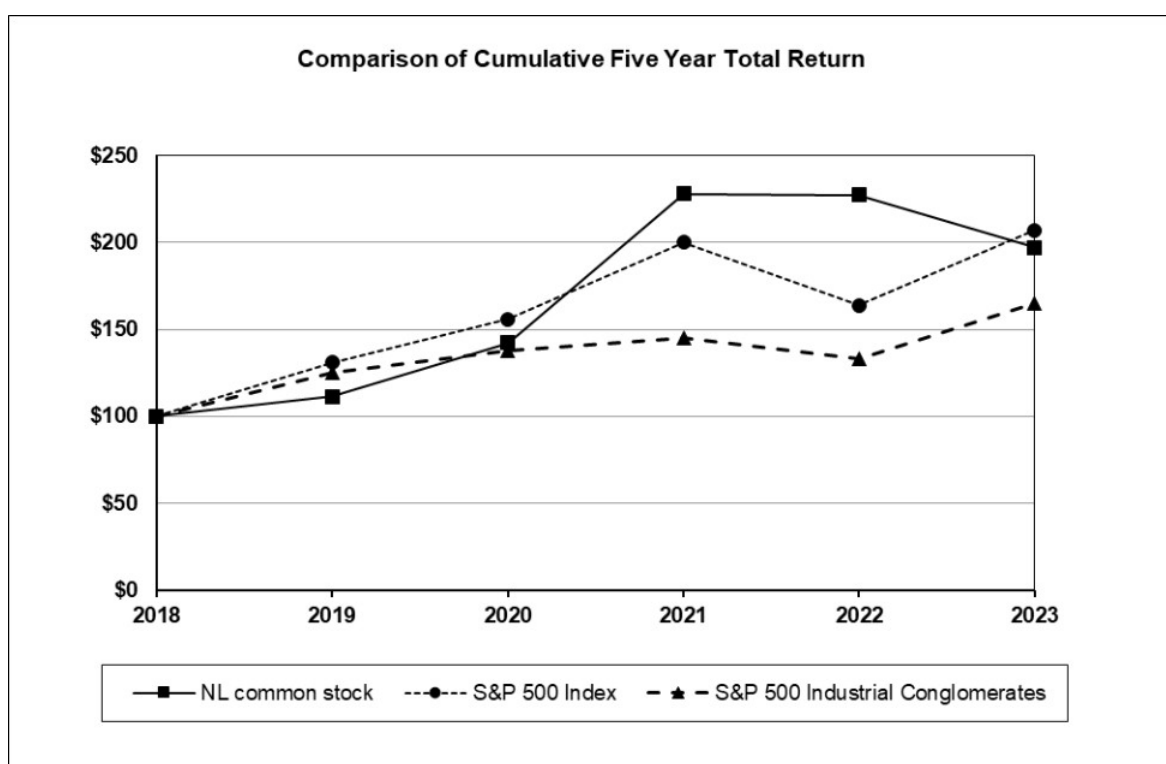
ITEM 5. MARKET FOR REGISTRANT’S COMMON EQUITY AND RELATED STOCKHOLDER MATTERS

Our common stock is listed and traded on the New York Stock Exchange (NYSE: NL). As of February 29, 2024, there were approximately 1,500 holders of record of our common stock.

Performance graph

Set forth below is a table and line graph comparing the yearly change in our cumulative total stockholder return on our common stock against the cumulative total return of the S&P 500 Composite Stock Price Index and the S&P 500 Industrial Conglomerates Index for the period from December 31, 2018 through December 31, 2023. The graph shows the value at December 31 of each year assuming an original investment of \$100 at December 31, 2018 and the reinvestment of dividends.

	December 31,					
	2018	2019	2020	2021	2022	2023
NL common stock	\$ 100	\$ 111	\$ 142	\$ 228	\$ 227	\$ 197
S&P 500 Composite Stock Index	100	131	156	200	164	207
S&P 500 Industrial Conglomerates Index	100	125	138	145	133	165



The information contained in the performance graph shall not be deemed “soliciting material” or “filed” with the SEC, or subject to the liabilities of Section 18 of the Securities Exchange Act, except to the extent we specifically request that the material be treated as soliciting material or specifically incorporate this performance graph by reference into a document filed under the Securities Act or the Securities Exchange Act.

Equity compensation plan information

We have an equity compensation plan, which was approved by our shareholders, pursuant to which an aggregate of 200,000 shares of our common stock can be awarded to non-employee members of our board of directors. At December 31, 2023, 200,000 shares are available for award under this plan. See Note 14 to our Consolidated Financial Statements.

ITEM 6. RESERVED

ITEM 7. MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS

RESULTS OF OPERATIONS

Business overview

We are primarily a holding company. We operate in the component products industry through our majority-owned subsidiary, CompX International Inc. We also own a noncontrolling interest in Kronos Worldwide, Inc. Both CompX (NYSE American: CIX) and Kronos (NYSE: KRO) file periodic reports with the SEC.

CompX is a leading manufacturer of engineered components utilized in a variety of applications and industries. Through its Security Products operations, CompX manufactures mechanical and electronic cabinet locks and other locking mechanisms used in postal, recreational transportation, office and institutional furniture, cabinetry, tool storage and healthcare applications. CompX also manufactures wake enhancement systems, stainless steel exhaust systems, gauges, throttle controls, trim tabs and related hardware and accessories for the recreational marine and other industries through its Marine Components operations.

We account for our 31% non-controlling interest in Kronos by the equity method. Kronos is a leading global producer and marketer of value-added titanium dioxide pigments. TiO₂ is used for a variety of manufacturing applications including coatings, plastics, paper and other industrial products.

Net income overview

Our net loss attributable to NL stockholders was \$2.3 million, or \$.05 per share, in 2023 compared to net income of \$33.8 million, or \$.69 per share, in 2022 and net income of \$51.2 million, or \$1.05 per share, in 2021.

As more fully described below, the decrease in our earnings attributable to NL stockholders from 2022 to 2023 is primarily due to the net effects of:

- equity in losses from Kronos in 2023 of \$15.0 million compared to equity in earnings of \$31.9 million in 2022,
- higher interest and dividend income of \$5.8 million in 2023, and
- a non-cash loss on the termination of our U.K. pension plan of \$4.9 million in 2023.

Our 2023 net loss per share attributable to NL stockholders includes:

- a loss of \$.08 per share, net of tax, due to the termination of our U.K. pension plan recognized in the second quarter,
- a loss of \$.02 per share, net of tax, due to Kronos' recognition, primarily in the fourth quarter, of restructuring costs related to workforce reductions,

- income of \$.01 per share, net of tax, due to Kronos' recognition in the first, second and third quarters of a pre-tax insurance settlement gain related to a business interruption insurance claim arising from Hurricane Laura in 2020, and
- a loss of \$.01 per share, net of tax, due to Kronos' recognition in the fourth quarter of a fixed asset impairment related to the write-off of certain costs resulting from a capital project termination.

Our 2022 net income per share attributable to NL stockholders includes income of \$.01 per share, recognized in the third quarter, related to Kronos' business interruption insurance claim arising from Hurricane Laura in 2020.

As more fully described below, the increase in our earnings attributable to NL stockholders from 2021 to 2022 is primarily due to the effects of:

- an unrealized loss in the relative value of marketable equity securities of \$8.1 million in 2022 compared to a gain of \$16.2 million in 2021,
- higher income from operations attributable to CompX of \$4.9 million in 2022, and
- equity in earnings from Kronos in 2022 of \$31.9 million compared to \$34.3 million in 2021.

Our 2022 net income per share attributable to NL stockholders includes income of \$.01 per share, recognized in the third quarter, related to Kronos' business interruption insurance claim arising from Hurricane Laura in 2020.

Outlook

Excluding any potential effects from changes in the relative value of marketable equity securities, we currently expect our net income attributable to NL stockholders in 2024 to be higher than 2023 primarily due to higher equity in earnings from Kronos, partially offset by lower expected income from operations attributable to CompX and higher litigation fees and related costs.

Income from operations

The following table shows the components of our income from operations.

	Years ended December 31,			% Change	
	2021	2022	2023	2021-22	2022-23
	(Dollars in millions)				
CompX	\$ 20.5	\$ 25.4	\$ 25.4	24 %	— %
Corporate expense	(10.0)	(11.7)	(11.3)	17	(3)
Income from operations	\$ 10.5	\$ 13.7	\$ 14.1	31	3

The following table shows the components of our income (loss) before income taxes exclusive of our income from operations.

	Years ended December 31,			% Change	
	2021	2022	2023	2021-22	2022-23
	(Dollars in millions)				
Equity in earnings (losses) of Kronos	\$ 34.3	\$ 31.9	\$ (15.0)	(7)%	(147)%
Marketable equity securities unrealized gain (loss)	16.2	(8.1)	(8.1)	(150)	1
Loss on pension plan termination	—	—	(4.9)	—	n.m.
Other components of net periodic pension and OPEB cost	(.6)	(1.1)	(1.4)	71	21
Interest and dividend income	1.6	3.8	9.6	137	154
Interest expense	(1.1)	(1.0)	(.7)	(18)	(21)

CompX International Inc.

	Years ended December 31,			% Change	
	2021	2022	2023	2021-22	2022-23
	(Dollars in millions)				
Net sales	\$ 140.8	\$ 166.6	\$ 161.3	18 %	(3)%
Cost of sales	98.1	117.8	112.1	20	(5)
Gross margin	42.7	48.8	49.2	14	1
Operating costs and expenses	22.2	23.4	23.8	5	2
Income from operations	\$ 20.5	\$ 25.4	\$ 25.4	24	—
Percentage of net sales:					
Cost of sales	69.7 %	70.7 %	69.5 %		
Gross margin	30.3	29.3	30.5		
Operating costs and expenses	15.8	14.0	14.7		
Income from operations	14.6	15.3	15.8		

Net sales – CompX’s net sales decreased approximately \$5.3 million in 2023 compared to 2022 due to lower Marine Components sales primarily to the towboat market, partially offset by higher Security Products sales largely in the fourth quarter of 2023.

CompX’s net sales increased approximately \$25.8 million in 2022 compared to 2021 primarily due to higher Marine Component sales primarily to the towboat market and, to a lesser extent, higher Security Products sales across a variety of markets.

Cost of sales and gross margin – CompX’s cost of sales decreased in 2023 compared to 2022 primarily due to the effects of lower production costs at both Security Products and Marine Components as well as lower Marine Components sales. Gross margin as a percentage of sales increased over the same period primarily due to the factors affecting cost of sales.

CompX’s cost of sales increased in 2022 compared to 2021 primarily due to the effects of higher sales, as well as increased production costs at both of CompX’s business units. Gross margin as a percentage of sales decreased over the same period primarily due to the decrease in CompX’s Security Products gross margin percentage.

Operating costs and expenses – CompX’s operating costs and expenses consist primarily of sales and administrative-related personnel costs, sales commissions and advertising expenses directly related to product sales and administrative costs relating to CompX’s businesses and its corporate management activities, as well as gains and losses on property and equipment. CompX’s operating costs and expenses increased in 2023 compared to 2022 predominantly due to higher salary and benefit costs at Security Products which increased by \$.6 million. As a percentage of sales, CompX’s operating costs and expenses increased in 2023 compared to 2022 primarily due to the effect of the increased operating costs and expenses on lower sales.

CompX’s operating costs and expenses increased in 2022 compared to 2021 predominantly due to higher salary and employment related costs which increased by \$.7 million. As a percentage of sales, CompX’s operating costs and expenses decreased in 2022 compared to 2021 primarily due to the effect of higher sales.

Income from operations - As a percentage of net sales, CompX’s operating income increased in 2023 compared to 2022 and increased in 2022 compared to 2021. CompX’s operating margins were primarily impacted by the factors impacting net sales, cost of sales, gross margin and operating costs discussed above.

General - CompX’s profitability primarily depends on its ability to utilize its production capacity effectively, which is affected by, among other things, the demand for its products and its ability to control its manufacturing costs, primarily comprised of labor costs and materials. The materials used in CompX’s products consist of purchased components and raw materials some of which are subject to fluctuations in the commodity markets such as zinc, brass,

aluminum and stainless steel. Total material costs represented approximately 48% of CompX's cost of sales in 2023, with commodity-related raw materials representing approximately 13% of its cost of sales. After increasing in 2021 and the first half of 2022, prices for the primary commodity-related raw materials used in the manufacture of CompX's locking mechanisms, primarily zinc and brass, generally began to stabilize in the latter half of 2022 and into 2023 and generally began to soften in the latter half of 2023. Prices for aluminum and stainless steel, the primary raw material used for the manufacture of marine exhaust headers and pipes, wake enhancement systems, throttles and trim tabs experienced significant volatility during 2021 and 2022 but were more stable in 2023. Although raw commodity costs declined during 2023 from elevated levels experienced in 2021 and 2022, in most cases materials CompX purchases also include processing and conversion costs such as alloying, extrusion and rolling which continue to be elevated due to costs of labor, transportation and energy. Based on current economic conditions, CompX expects the prices for zinc, brass, aluminum, stainless steel and other manufacturing materials in 2024 to be relatively stable.

CompX occasionally enters into short-term commodity-related raw material supply arrangements to mitigate the impact of future increases in commodity related raw material costs. See Item 1 - "Business- Raw Materials."

Results by reporting unit

The key performance indicator for CompX's reporting units is the level of their income from operations (see discussion below).

	Years ended December 31,			% Change	
	2021	2022	2023	2021-22	2022-23
	(Dollars in millions)				
Security Products:					
Net sales	\$ 105.1	\$ 114.5	\$ 121.2	9 %	6 %
Cost of sales	71.5	79.1	82.8	11	5
Gross margin	33.6	35.4	38.4	5	8
Operating costs and expenses	12.0	12.7	13.5	5	6
Operating income	\$ 21.6	\$ 22.7	\$ 24.9	5	10
Gross margin	32.0 %	31.0 %	31.7 %		
Operating income margin	20.6	19.9	20.6		

Security Products - Security Products net sales increased 6% to \$121.2 million in 2023 compared to \$114.5 million in 2022 primarily due to higher sales related to a pilot project for a government security customer. Relative to prior year, sales were \$8.3 million higher to the government security market and \$1.5 million higher to distributors, partially offset by \$1.7 million lower sales to the office furniture market and \$.7 million lower sales to the gas station security market. Gross margin as a percentage of net sales for 2023 increased as compared to 2022 primarily due to lower production costs (including lower material, overtime and shipping costs) and increased coverage of fixed costs on higher sales, primarily in the fourth quarter. Operating income margin increased for 2023 compared to 2022 primarily due to the factors impacting gross margin, as well as increased coverage of operating costs and expenses from higher sales, partially offset by increased operating costs and expenses, including higher employee salaries and benefit costs of \$.6 million.

Security Products net sales increased 9% to \$114.5 million in 2022 compared to \$105.1 million in 2021 due to increased sales across a variety of markets. Relative to prior year, sales were \$3.8 million higher to the government security market, \$1.8 million higher to the office furniture market, \$1.5 million higher to distributors, \$1.0 million higher to the tool storage market, and \$.9 million higher to the gas station security market. Gross margin as a percentage of net sales for 2022 decreased as compared to 2021 primarily due to higher cost of sales, most significantly in the third and fourth quarters of 2022, as price increases and surcharges did not fully offset higher cost inventory sold in the latter half of the year. Operating income margin decreased for 2022 compared to 2021 primarily due to the factors impacting gross margin, as

well as increased operating costs and expenses, resulting from higher salaries and employment related costs, partially offset by increased coverage of operating costs and expenses from higher sales.

	Years ended December 31,			% Change	
	2021	2022	2023	2021-22	2022-23
	(Dollars in millions)				
Marine Components:					
Net sales	\$ 35.7	\$ 52.1	\$ 40.1	46 %	(23)%
Cost of sales	26.6	38.7	29.3	45	(24)
Gross margin	9.1	13.4	10.8	47	(19)
Operating costs and expenses	3.5	3.8	3.6	9	(5)
Operating income	\$ 5.6	\$ 9.6	\$ 7.2	71	(25)
Gross margin	25.4 %	25.6 %	27.0 %		
Operating income margin	15.7	18.4	18.0		

Marine Components - Marine Components net sales decreased 23% in 2023 as compared to 2022. Relative to prior year, sales were \$12.8 million lower to the towboat market (primarily to original equipment boat manufacturers) and \$2.0 million lower to the engine builder market, partially offset by \$1.2 million higher industrial sales and \$.8 million higher sales to the center console boat market. Gross margin as a percentage of sales increased in 2023 compared to 2022 primarily due to lower raw material costs (primarily stainless steel and aluminum), lower supplies costs driven by lower volume, lower shipping costs and lower labor costs from reduced employee overtime due to lower sales volumes, partially offset by decreased coverage of fixed costs as a result of lower sales. Operating income as a percentage of net sales decreased slightly in 2023 compared to 2022 primarily due to the factors impacting gross margin, as well as decreased coverage of operating costs and expenses from lower sales.

Marine Components net sales increased 46% in 2022 as compared to 2021. Relative to prior year, sales were \$11.5 million higher to the towboat market (primarily to original equipment boat manufacturers), \$2.1 million higher to the engine builder market, and \$2.0 million higher to the industrial market. Gross margin as a percentage of sales increased slightly in 2022 compared to 2021 with increased sales due to price increases and surcharges more than offsetting higher production costs, as well as increased coverage of cost of sales from higher sales. Operating income as a percentage of net sales increased in 2022 compared to 2021 primarily due to the factors impacting gross margin, as well as increased coverage of operating costs and expenses from higher sales.

Outlook – In 2023, CompX’s Security Products reporting unit achieved record sales as a result of increased sales to the government security market including a pilot project to a government security customer. Absent this project, Security Products sales would have declined compared to the prior year due to sluggish demand in many of the other markets Security Products serves. At CompX’s Marine Components reporting unit, the strong demand experienced in 2021 and 2022 carried into the first quarter of 2023 when the towboat market began experiencing softening demand that accelerated as the year progressed. Labor markets have become favorable in each of the regions CompX operates, and material prices have either stabilized or, in the case of certain commodity raw materials, started to decline slightly. CompX’s supply chains are stable and transportation and logistical delays are minimal. CompX has adjusted its labor force and production rates at its facilities to reflect the stability of its raw material supplies and near-term demand levels.

CompX expects Security Products sales in 2024 will be lower than 2023 as the sluggishness it observed across a variety of the markets Security Products served during 2023 will continue with customers expressing uncertainty regarding sustained consumer demand. CompX does not currently have additional orders with regard to the 2023 pilot project, and it has no knowledge of any future orders. After implementing aggressive price increases over the last several years to maintain operating margins, CompX believes its customers will accept only modest price increases in the current environment. Overall, CompX expects Security Products gross margin will be comparable in 2024, although it expects operating income as a percentage of sales to decline due to its limited pricing power along with reduced coverage of selling, general and administrative costs as a result of lower expected sales. CompX expects Marine Components net sales in 2024 to also be lower as compared to 2023 because it believes demand in the towboat market will further decline, and expected increases in sales to the industrial and center console boat markets will not fully offset reduced towboat demand.

The recreational marine industry faces strong headwinds due to higher interest rates and broader market weakness. Several original equipment boat manufacturers, including certain of CompX's customers, have publicly announced reductions to production schedules for 2024. Overall, CompX expects Marine Components gross margin as a percentage of net sales for 2024 to be lower than 2023 due to lower coverage of fixed overhead as a result of lower expected sales, and operating income as a percentage of net sales will similarly be lower as a result of reduced coverage of selling, general and administrative expenses due to lower expected sales. CompX ended the year with elevated inventory balances at its Marine Components reporting unit as a result of increased orders of certain raw materials due to previously long lead times coupled with the rapidly changing towboat demand which created a misalignment of its raw materials with near term demand. CompX expects inventory balances to be in alignment with current demand by mid-year 2024.

CompX's expectations for its operations and the markets it serves are based on a number of factors outside its control. As noted above, there continue to be some global and domestic supply chain challenges, and any future impacts on CompX's operations will depend on, among other things, any future disruption in its operations or its suppliers' operations, the impact of economic conditions and geopolitical events on demand for its products or its customers' and suppliers' operations, all of which remain uncertain and cannot be predicted.

General corporate items, interest and dividend income, interest expense, provision for income taxes, noncontrolling interest and related party transactions

Insurance recoveries - We have agreements with certain insurance carriers pursuant to which the carriers reimburse us for a portion of our past lead pigment and asbestos litigation defense costs. Insurance recoveries include amounts we received from these insurance carriers.

The agreements with certain of our insurance carriers also include reimbursement for a portion of our future litigation defense costs. We are not able to determine how much we will ultimately recover from these carriers for defense costs incurred by us because of certain issues that arise regarding which defense costs qualify for reimbursement. Accordingly, these insurance recoveries are recognized when receipt is probable and the amount is determinable. We received \$5 million in insurance recoveries during 2023 which are included in corporate expenses on our Consolidated Statement of Operations. See Note 16 to our Consolidated Financial Statements.

Corporate expense - Corporate expenses were \$11.3 million in 2023, \$4 million or 3% lower than in 2022 primarily due to lower administrative expenses and insurance recoveries noted above. Included in corporate expenses are:

- litigation fees and related costs of \$4.4 million in 2023 compared to \$4.2 million in 2022, and
- environmental remediation and related costs of \$6 million in 2023 compared to \$5 million in 2022.

Corporate expenses were \$11.7 million in 2022, \$1.7 million or 17% higher than in 2021 primarily due to higher litigation fees and related costs partially offset by lower environmental remediation and related costs. Included in corporate expenses are:

- litigation fees and related costs of \$4.2 million in 2022 compared to \$1.9 million in 2021, and
- environmental remediation and related costs of \$5 million in 2022 compared to \$8 million in 2021.

Overall, we currently expect that our general corporate expenses in 2024 will be higher than in 2023 primarily due to higher expected litigation fees and related costs.

The level of our litigation fees and related costs varies from period to period depending upon, among other things, the number of cases in which we are currently involved, the nature of such cases and the current stage of such cases (e.g. discovery, pre-trial motions, trial or appeal, if applicable). See Note 16 to our Consolidated Financial Statements. If our current expectations regarding the number of cases in which we expect to be involved during 2024 or the nature of such cases were to change, our corporate expenses could be higher than we currently estimate.

Obligations for environmental remediation and related costs are difficult to assess and estimate and it is possible that actual costs for environmental remediation will exceed accrued amounts or that costs will be incurred in the future for sites in which we cannot currently estimate our liability. If these events were to occur in 2024, our corporate expenses would be higher than we currently estimate. In addition, we adjust our environmental accruals as further information becomes available to us or as circumstances change. Such further information or changed circumstances could result in an increase in our accrued environmental costs. See Note 16 to our Consolidated Financial Statements.

Interest and dividend income - Interest income increased \$5.8 million in 2023 compared to 2022 primarily due to higher interest rates and increased investment balances, somewhat offset by lower average balances on CompX's revolving promissory note receivable from Valhi. Interest income increased \$2.2 million in 2022 compared to 2021 primarily due to higher interest rates and increased investment balances, somewhat offset by lower average balances on CompX's revolving promissory note receivable from Valhi.

Marketable equity securities - Unrealized gains or losses on our marketable equity securities are recognized in Marketable equity securities on our Consolidated Statements of Operations. See Note 5 to our Consolidated Financial Statements.

Income tax expense (benefit) - We recognized income tax expense of \$7.5 million in 2021 and \$2.8 million in 2022 and an income tax benefit of \$7.0 million in 2023.

In accordance with GAAP, we recognize deferred income taxes on our undistributed equity in earnings of Kronos. Because we and Kronos are part of the same U.S. federal income tax group, any dividends we receive from Kronos are nontaxable to us. Accordingly, we do not recognize and we are not required to pay income taxes on dividends from Kronos. Therefore, our full-year effective income tax rate will generally be lower than the U.S. federal statutory income tax rate in years during which we receive dividends from Kronos and recognize equity in earnings of Kronos. Conversely, our effective income tax rate will generally be higher than the U.S. federal statutory income tax rate in years during which we receive dividends from Kronos and recognize equity in losses of Kronos. During interim periods, our effective income tax rate may not necessarily correspond to the foregoing due to the application of accounting for income taxes in interim periods which requires us to base our effective rate on full year projections. We received aggregate dividends from Kronos of \$25.4 million in 2021, and \$26.8 million in each of 2022 and 2023. Our effective tax rate attributable to our equity in earnings (losses) of Kronos, including the effect of non-taxable dividends we received from Kronos, was a 5.5% expense in 2021, a 3.4% expense in 2022 and a 58.5% expense in 2023. The decrease in our effective rate from 2021 to 2022 is attributable to the combined effects of Kronos' lower earnings and the higher non-taxable dividend income we received from Kronos in 2022 as compared to 2021. The increase in our effective rate from 2022 to 2023 is attributable to the effects of Kronos' loss in 2023 as compared to earnings in 2022.

See Note 13 to our Consolidated Financial Statements for more information about our 2023 income tax items, including a tabular reconciliation of our statutory tax expense to our actual tax expense (benefit).

Noncontrolling interest - Noncontrolling interest in net income is directly attributable to CompX's net income. The increase in noncontrolling interest is the result of CompX's increase in net income in 2021, 2022 and 2023.

Related party transactions - We are a party to certain transactions with related parties. See Notes 1 and 15 to our Consolidated Financial Statements. It is our policy to engage in transactions with related parties on terms, in our opinion, no less favorable to us than we could obtain from unrelated parties.

Equity in earnings of Kronos Worldwide, Inc.

	Years ended December 31,			% Change	
	2021	2022	2023	2021-22	2022-23
	(Dollars in millions)				
Net sales	\$ 1,939.4	\$ 1,930.2	\$ 1,666.5	— %	(14)%
Cost of sales	1,493.2	1,539.1	1,501.6	3	(2)
Gross margin	\$ 446.2	\$ 391.1	\$ 164.9		
Income (loss) from operations	\$ 187.1	\$ 159.6	\$ (56.0)	(15)	(135)
Other gain (loss), net	(14.1)	(8.8)	.2	(38)	(102)
Interest expense	(19.6)	(16.9)	(17.1)	(14)	1
Income (loss) before income taxes	153.4	133.9	(72.9)		
Income tax expense (benefit)	40.5	29.4	(23.8)		
Net income (loss)	\$ 112.9	\$ 104.5	\$ (49.1)		
Percentage of net sales:					
Cost of sales	77 %	80 %	90 %		
Income (loss) from operations	10	8	(3)		
Equity in earnings (losses) of Kronos Worldwide, Inc.	\$ 34.3	\$ 31.9	\$ (15.0)		
TiO ₂ operating statistics:					
Sales volumes*	563	481	419	(15)%	(13)%
Production volumes*	545	492	401	(10)%	(19)%
Change in TiO ₂ net sales:					
TiO ₂ product pricing				21 %	(4)%
TiO ₂ sales volumes				(15)	(13)
TiO ₂ product mix/other				(1)	2
Changes in currency exchange rates				(5)	1
Total				— %	(14)%

* Thousands of metric tons

Industry conditions and 2023 overview - Kronos and the TiO₂ industry are experiencing an extended period of significantly reduced demand across all major markets, which is reflected in its sales volumes in 2023. Demand first began to decrease in the third quarter of 2022, and although there has been some stabilization at this reduced level, overall demand remained below average historical levels during 2023. While Kronos started 2023 with average TiO₂ selling prices 16% higher than at the beginning of 2022, this extended period of reduced demand has put downward pressure on its average TiO₂ selling prices and, as a result, prices declined 13% in 2023. Overall sales volumes declined in 2023 compared to 2022 primarily due to lower demand in all of its major markets.

Kronos began curtailing production in the fourth quarter of 2022 at certain of its European facilities due to decreased demand and increased production costs. During 2023, Kronos continued operating its production facilities at reduced rates to align production with expected customer demand. As a result, Kronos operated its production facilities at 72% of practical capacity utilization in 2023 compared to 89% of practical capacity utilization in 2022.

The following table shows our capacity utilization rates during 2022 and 2023.

	Production Capacity Utilization Rates	
	2022	2023
First Quarter	100 %	76 %
Second Quarter	95 %	64 %
Third Quarter	93 %	73 %
Fourth Quarter	65 %	75 %
Overall	89 %	72 %

Net sales - Kronos' net sales in 2023 decreased 14%, or \$263.7 million, compared to 2022 primarily due to a 13% decrease in sales volumes (which decreased net sales by approximately \$251 million) and a 4% decrease in average TiO₂ selling prices (which decreased net sales by approximately \$77 million). Changes in product mix positively contributed to net sales, primarily due to higher average selling prices and sales volumes in its complementary businesses which somewhat offset declines in TiO₂ sales volumes. In addition to the impact of sales volumes and average TiO₂ selling prices, Kronos estimates that changes in currency exchange rates (primarily the euro) increased its net sales by approximately \$10 million in 2023 as compared to 2022. TiO₂ selling prices will increase or decrease generally as a result of competitive market pressures, changes in the relative level of supply and demand as well as changes in raw material and other manufacturing costs.

Kronos' sales volumes decreased 13% in 2023 as compared to 2022 due to lower overall demand across all major markets noted above. The lower overall demand Kronos began experiencing in the second half of 2022 continued throughout most of 2023. However, Kronos' sales volumes were 29% higher in the fourth quarter of 2023 as compared to the fourth quarter of 2022 due to strengthening demand for TiO₂ in its primary markets of Europe and North America.

Kronos' net sales in 2022 were consistent with net sales in 2021 primarily due to the net effects of a 21% increase in average TiO₂ selling prices (which increased net sales by approximately \$407 million) and a 15% decrease in sales volumes (which decreased net sales by approximately \$291 million). Kronos estimates that changes in currency exchange rates (primarily the euro) decreased net sales by approximately \$106 million, or 5% in 2022 as compared to 2021.

Kronos' sales volumes decreased 15% in 2022 as compared to 2021 primarily due to lower demand in its European and export markets which Kronos began experiencing towards the end of the second quarter and which accelerated during the third and fourth quarters of 2022. Kronos' sales volumes were 40% lower in the fourth quarter of 2022 as compared to the fourth quarter of 2021. Kronos also experienced lower sales volumes in its North American market in the second half of 2022, although to a lesser extent than the declines in its European and export markets.

Cost of sales and gross margin - Kronos' cost of sales decreased \$37.5 million, or 2%, in 2023 compared to 2022 due to the net effects of a 13% decrease in sales volumes, a 19% decrease in production volumes at certain of its manufacturing facilities to align inventory levels to anticipated near-term customer demand (which resulted in \$96 million of unabsorbed fixed production costs) and higher production costs of approximately \$65 million (primarily raw materials). Kronos' cost of sales as a percentage of net sales increased to 90% in 2023 compared to 80% in 2022 primarily due to the unfavorable effects of higher production costs (primarily raw materials) and unabsorbed fixed production costs due to lower production volumes.

Gross margin as a percentage of net sales decreased to 10% in 2023 compared to 20% in 2022. As discussed and quantified above, Kronos' gross margin as a percentage of net sales decreased primarily due to lower production and sales volumes, lower average TiO₂ selling prices, higher production costs and changes in currency exchange rates.

Kronos' cost of sales increased \$45.9 million, or 3%, in 2022 compared to 2021 primarily due to the net effects of higher production costs of approximately \$285 million (including higher costs for raw materials and energy), a 15% decrease in sales volumes and changes in currency exchange rates. Kronos' cost of sales as a percentage of net sales increased to 80% in 2022 compared to 77% in 2021 due to the impact of higher production costs, including higher raw material and energy costs partially offset by the favorable effects of higher average TiO₂ selling prices. In addition, cost

of sales in 2022 includes approximately \$26 million of unabsorbed fixed production and other manufacturing costs associated with production curtailments at certain of Kronos' European facilities throughout the fourth quarter.

Gross margin as a percentage of net sales decreased to 20% in 2022 compared to 23% in 2021. As discussed and quantified above, Kronos' gross margin as a percentage of net sales decreased primarily due to the net effects of higher average TiO₂ selling prices, lower production and sales volumes, higher production costs and fluctuations in currency exchange rates.

Other operating income and expense, net - Kronos' selling, general and administrative expenses decreased \$20.1 million, or 9%, in 2023 compared to 2022 primarily due to lower distribution costs related to lower overall sales volumes during the year. Selling, general and administrative expense as a percentage of net sales increased in 2023 compared to 2022 as a result of lower net sales and \$5.8 million in charges related to workforce reductions. Kronos' selling, general and administrative expenses decreased \$17.6 million, or 7%, in 2022 compared to 2021 primarily due to changes in currency exchange rates (primarily the euro) and lower variable costs (primarily distribution costs) related to lower overall sales volumes. Selling, general and administrative expense as a percentage of net sales decreased to 12% of net sales in 2022 compared to 13% in 2021.

Income from operations - Kronos had a loss from operations of \$56.0 million in 2023 compared to income from operations of \$159.6 million in 2022 as a result of the factors impacting gross margin discussed above. Kronos recognized a gain of \$2.5 million in 2023 and a gain of \$2.7 million in 2022 related to cash received from the settlement of a business interruption insurance claim related to Hurricane Laura. Kronos estimates changes in currency exchange rates decreased its loss from operations by approximately \$16 million in 2023 as compared to 2022, as discussed in the Effects of currency exchange rates section below.

Kronos' income from operations decreased by \$27.5 million or 15%, from \$187.1 million in 2021 to \$159.6 million in 2022. Income from operations as a percentage of net sales decreased to 8% in 2022 from 10% in 2021. This decrease was driven by the net effects of lower gross margin and lower selling, general and administrative expenses for the comparable periods discussed above. Kronos experienced a loss from operations of \$19.7 million in the fourth quarter of 2022 compared to income from operations of \$52.0 million in the fourth quarter of 2021. Kronos also recognized a gain of \$2.7 million in 2022 related to cash received from the settlement of a business interruption insurance claim related to Hurricane Laura. Kronos estimates that changes in currency exchange rates increased income from operations by approximately \$23 million in 2022 as compared to 2021, as discussed in the Effects of currency exchange rates section below.

Other non-operating income (expense) - Kronos recognized unrealized losses of \$1.0 million in each of 2023 and 2022 on the change in value of its marketable equity securities. Other components of net periodic pension and OPEB cost in 2023 decreased \$7.2 million compared to 2022 primarily due to the net effects of higher discount rates impacting interest cost, previously unrecognized actuarial losses and \$1.3 million in settlement costs related to the termination and buy-out of its pension plan in the United Kingdom during the second quarter of 2023. Interest expense in 2023 was comparable to interest expense in 2022.

Kronos recognized a loss of \$1.0 million in 2022 compared to a gain of \$2.0 million in 2021 on the change in value of its marketable equity securities. Other components of net periodic pension and OPEB cost in 2022 decreased \$3.6 million compared to 2021 primarily due to the net effects of higher discount rates impacting interest cost and previously unrecognized actuarial losses. Interest expense in 2022 decreased \$2.7 million compared to 2021 due to fees associated with the refinancing of Kronos' revolving credit facility in the second quarter of 2021 and the effects of changes in currency exchange rates.

Income tax expense (benefit) - Kronos recognized an income tax benefit of \$23.8 million in 2023 compared to income tax expense of \$29.4 million in 2022. The difference is primarily due to lower earnings in 2023 and the jurisdictional mix of such earnings.

Kronos recognized income tax expense of \$29.4 million in 2022 compared to income tax expense of \$40.5 million in 2021. The difference is primarily due to lower earnings in 2022, the jurisdictional mix of Kronos' earnings and the

release of a portion of its valuation allowance associated with the 2022 utilization of a portion of its business interest expense carryforwards.

Kronos' earnings are subject to income tax in various U.S. and non-U.S. jurisdictions, and the income tax rates applicable to the pre-tax earnings (losses) of Kronos' non-U.S. operations are generally higher than the income tax rates applicable to its U.S. operations. Kronos would generally expect its overall effective tax rate to be higher than the U.S. federal statutory rate of 21% primarily because of Kronos' sizeable non-U.S. operations.

Kronos' consolidated effective income tax rate in 2024 is expected to be higher than the U.S. federal statutory rate of 21% because the income tax rates applicable to the earnings (losses) of Kronos' non-U.S. operations will be higher than the income tax rates applicable to its U.S. operations and due to the expected mix of earnings.

Effects of currency exchange rates

Kronos has substantial operations and assets located outside the United States (primarily in Germany, Belgium, Norway and Canada). The majority of its sales from non-U.S. operations are denominated in currencies other than the U.S. dollar, principally the euro, other major European currencies and the Canadian dollar. A portion of Kronos' sales generated from its non-U.S. operations is denominated in the U.S. dollar (and consequently its non-U.S. operations will generally hold U.S. dollars from time to time). Certain raw materials used in all Kronos' production facilities, primarily titanium-containing feedstocks, are purchased primarily in U.S. dollars, while labor and other production and administrative costs are incurred primarily in local currencies. Consequently, the translated U.S. dollar value of Kronos' non-U.S. sales and operating results are subject to currency exchange rate fluctuations which may favorably or unfavorably impact reported earnings and may affect the comparability of period-to-period operating results. In addition to the impact of the translation of sales and expenses over time, Kronos' non-U.S. operations also generate currency transaction gains and losses which primarily relate to (i) the difference between the currency exchange rates in effect when non-local currency sales or operating costs (primarily U.S. dollar denominated) are initially accrued and when such amounts are settled with the non-local currency and (ii) changes in currency exchange rates during time periods when its non-U.S. operations are holding non-local currency (primarily U.S. dollars).

Overall, Kronos estimates that fluctuations in currency exchange rates had the following effects on its sales and income from operations for the periods indicated.

Impact of changes in currency exchange rates - 2023 vs 2022						
	Transaction gains recognized			Translation gains - impact of rate changes	Total currency impact 2023 vs 2022	
	2022	2023	Change			
(In millions)						
Impact on:						
Net sales	\$ —	\$ —	\$ —	\$ 10	\$ 10	
Income (loss) from operations	12	1	(11)	27	16	

The \$10 million increase in Kronos' net sales (translation gains) was caused primarily by a weakening of the U.S. dollar relative to the euro, as Kronos' euro-denominated sales were translated into more U.S. dollars in 2023 as compared to 2022. The strengthening of the U.S. dollar relative to the Canadian dollar and the Norwegian krone in 2023 did not have a significant effect on Kronos net sales, as a substantial portion of the sales generated by its Canadian and Norwegian operations is denominated in the U.S. dollar.

The \$16 million decrease in loss from operations was comprised of the following:

- Lower net currency transaction gains of approximately \$11 million primarily caused by relative changes in currency exchange rates at each applicable balance sheet date between the U.S. dollar and the euro, Canadian dollar and the Norwegian krone, and between the euro and the Norwegian krone, which causes increases or decreases, as applicable, in U.S. dollar-denominated receivables and payables and U.S. dollar currency held

by Kronos' non-U.S. operations, and in Norwegian krone denominated receivables and payables held by Kronos' non-U.S. operations, and

- Approximately \$27 million from net currency translation gains primarily caused by a strengthening of the U.S. dollar relative to the Canadian dollar and Norwegian krone, as local currency-denominated operating costs were translated into fewer U.S. dollars in 2023 as compared to 2022. The effect of the weakening of the U.S. dollar relative to the euro was nominal in 2023 as compared to 2022.

Impact of changes in currency exchange rates - 2022 vs 2021

	Transaction gains recognized			Translation gains (losses)- impact of rate changes	Total currency impact 2022 vs 2021
	2021	2022	Change		
	(In millions)				
Impact on:					
Net sales	\$ —	\$ —	\$ —	\$ (106)	\$ (106)
Income from operations	2	12	10	13	23

The \$106 million decrease in Kronos' net sales (translation losses) was caused primarily by a strengthening of the U.S. dollar relative to the euro, as Kronos' euro-denominated sales were translated into fewer U.S. dollars in 2022 as compared to 2021. The strengthening of the U.S. dollar relative to the Canadian dollar and the Norwegian krone in 2022 did not have a significant effect on the reported amount of Kronos' net sales, as a substantial portion of the sales generated by its Canadian and Norwegian operations are denominated in the U.S. dollar.

The \$23 million increase in income from operations was comprised of the following:

- Higher net currency transaction gains of approximately \$10 million primarily caused by relative changes in currency exchange rates at each applicable balance sheet date between the U.S. dollar and the euro, Canadian dollar and the Norwegian krone, and between the euro and the Norwegian krone, which causes increases or decreases, as applicable, in U.S. dollar-denominated receivables and payables and U.S. dollar currency held by Kronos' non-U.S. operations, and in Norwegian krone denominated receivables and payables held by its non-U.S. operations, and
- Approximately \$13 million from net currency translation gains primarily caused by a strengthening of the U.S. dollar relative to the Canadian dollar and Norwegian krone, as local currency-denominated operating costs were translated into fewer U.S. dollars in 2022 as compared to 2021, partially offset by net currency translation losses primarily caused by a strengthening of the U.S. dollar relative to the euro as the negative effects of the stronger U.S. dollar on euro-denominated sales more than offset the favorable effects of euro-denominated operating costs being translated into fewer U.S. dollars in 2022 as compared to 2021.

Outlook

Kronos' customer demand stabilized during the fourth quarter of 2023, particularly in the North American and export markets, while demand in Europe improved but remained below historical levels. Kronos expects consumer demand to improve in 2024, and it believes customer destocking of TiO₂ is largely complete and customer inventories are historically low. As a result, Kronos expects sales volumes in 2024 to exceed 2023 sales volumes. In this regard, Kronos is experiencing improved demand thus far in the first quarter of 2024 in all major markets. Kronos has increased production rates in line with current and expected near-term improved demand and believes its production volumes in 2024 will be higher than 2023, although below estimated full practical capacity. During 2023, Kronos' selling prices came under increasing pressure, primarily due to low-cost imports from China impacting European and export pricing. Kronos expects these pricing pressures to be somewhat mitigated in 2024 and believes there is potential industry pricing upside in 2024 as a result of improved demand.

Throughout 2023 Kronos implemented cost reduction initiatives designed to improve its long-term cost structure, including targeted workforce reductions and the implementation of certain ongoing technology innovations and process improvement initiatives. Energy costs in Europe have generally stabilized after a period of market disruptions, although

in early 2023, in order to provide cost certainty, Kronos entered into forward contracts for a portion of its energy needs in 2023 which in many cases were priced above subsequent market rates. As a result of contracts expiring in late 2023, Kronos expects its energy costs will be further reduced in 2024. Kronos expects raw material and other input costs, which began to decline in 2023, will continue to moderate in 2024. This, along with lower expected energy costs and the cost reduction initiatives discussed above, will result in improved margins in 2024 as compared to 2023. Overall, due to the expected improved demand and lower production costs, including lower unabsorbed fixed costs, Kronos expects to report higher operating results for the full year of 2024 as compared to 2023.

Throughout 2023 Kronos took necessary actions to align its production and inventories to then current demand levels including production curtailments. As demand improves, Kronos will continue to monitor current and anticipated near-term customer demand levels and will align its production and inventories accordingly. Kronos believes the steps it took during 2023 to preserve its liquidity while maintaining global market share has positioned its business to capitalize on its expectations for improved demand in 2024.

Kronos' expectations for the TiO₂ industry and its operations are based on a number of factors outside its control. Kronos has experienced global market disruptions including high energy costs and future impacts on its operations will depend on, among other things, future energy costs and the impact economic conditions and geopolitical events have on its operations or its customers' and suppliers' operations, all of which remain uncertain and cannot be predicted.

Operations outside the United States

Kronos - Kronos has substantial operations located outside the United States for which the functional currency is not the U.S. dollar. As a result, the reported amount of our net investment in Kronos will fluctuate based upon changes in currency exchange rates. At December 31, 2023, Kronos had substantial net assets denominated in the euro, Canadian dollar and Norwegian krone.

Critical accounting policies and estimates

Our significant accounting policies are more fully described in Note 1 to our Consolidated Financial Statements. Our Consolidated Financial Statements have been prepared in accordance with accounting principles generally accepted in the United States of America, or (GAAP). The preparation of these financial statements requires us to make estimates and judgments that affect the reported amounts of assets and liabilities and disclosures of contingent assets and liabilities at the date of the financial statements and the reported amount of revenue and expense during the reporting period. On an ongoing basis we evaluate our estimates, including those related to the recoverability of long-lived assets, goodwill, pension and other postretirement benefit obligations and the underlying actuarial assumptions related thereto, the realization of deferred income tax assets and accruals for litigation, income tax and other contingencies. We base our estimates on historical experience and on various other assumptions which we believe to be reasonable under the circumstances, the results of which form the basis for making judgments about the reported amounts of assets, liabilities, revenues and expenses. Actual results may differ significantly from previously-estimated amounts under different assumptions or conditions.

We believe the most critical accounting policies and estimates involving significant judgment primarily relate to contingencies, certain long-lived assets, considerations in the recoverability and impairment assessments for goodwill and defined benefit pension plans. We have discussed the development, selection and disclosure of our critical accounting estimates with the audit committee of our board of directors.

- **Contingencies** - We record accruals for environmental, legal and other contingencies and commitments when estimated future expenditures associated with such contingencies become probable, and the amounts can be reasonably estimated. However, new information may become available, or circumstances (such as applicable laws and regulations) may change, thereby resulting in an increase or decrease in the amount required to be accrued for such matters (and therefore a decrease or increase in reported net income in the period of such change).

Obligations for environmental remediation costs are difficult to assess and it is possible that actual costs for environmental remediation will exceed accrued amounts or that costs will be incurred in the future for sites in which we cannot currently estimate our liability. If these events were to occur in 2024, our corporate expenses would be higher than we currently estimate. In addition, we adjust our environmental remediation and related costs accruals (and potential range of our liabilities) as further information becomes available to us or as circumstances change which involves our judgment regarding current facts and circumstances for each site and is subject to various assumptions and estimates. Such further information or changed circumstances could result in an increase in our accrued environmental costs. See Note 16 to our Consolidated Financial Statements.

- *Long-lived assets* - The net book value of our property and equipment totaled \$25.9 million at December 31, 2023, all of which relates to CompX. We assess property and equipment for impairment only when circumstances indicate an impairment may exist. Our determination is based upon, among other things, our estimates of the amount of future net cash flows to be generated by the long-lived asset (Level 3 inputs) and our estimates of the current fair value of the asset.

Significant judgment is required in estimating such cash flows. Adverse changes in such estimates of future net cash flows or estimates of fair value could result in an inability to recover the carrying value of the long-lived asset, thereby possibly requiring an impairment charge to be recognized in the future. We do not assess our property and equipment for impairment unless certain impairment indicators are present. We did not evaluate any long-lived assets for impairment during 2023 because no such impairment indicators were present.

- *Goodwill* - Our net goodwill totaled \$27.2 million at December 31, 2023, all related to CompX's Security Products reporting unit. Goodwill is required to be tested annually or at other times whenever an event occurs or circumstances change that would more-likely-than-not reduce the fair value of a reporting unit below its carrying value. CompX performs its annual goodwill impairment test in the third quarter of each year or at other times whenever an event occurs or circumstances change that would more-likely-than-not reduce the fair value of a reporting unit below its carrying value. Such events or circumstances may include: adverse industry or economic trends, lower projections of profitability, or a sustained decline in CompX's market capitalization. These events or circumstances, among other items, may be indications of potential impairment issues which are triggering events requiring the testing of an asset's carrying value for recoverability. An entity may first assess qualitative factors to determine whether it is necessary to complete a quantitative impairment test using a more-likely-than-not criteria. If an entity believes it is more-likely-than-not the fair value of a reporting unit is greater than its carrying value, including goodwill, the quantitative impairment test can be bypassed. Alternatively, an entity has an unconditional option to bypass the qualitative assessment and proceed directly to performing the quantitative impairment test.

When performing a qualitative assessment considerable management judgment is necessary to evaluate the qualitative impact of events and circumstances on the fair value of a reporting unit. Events and circumstances considered in our impairment evaluations, such as CompX's historical profits and stability of the markets served, are consistent with factors utilized with our internal projections and operating plan. However, future events and circumstances could result in materially different findings which could result in the recognition of a material goodwill impairment.

Evaluations of possible impairment utilizing the quantitative impairment test require CompX to estimate, among other factors: forecasts of future operating results, revenue growth, operating margin, tax rates, capital expenditures, depreciation, working capital, weighted average cost of capital, long-term growth rates, risk premiums, terminal values, and fair values of reporting units and assets. The goodwill impairment test is subject to uncertainties arising from such events as changes in competitive conditions, the current general economic environment, material changes in growth rate assumptions that could positively or negatively impact anticipated future operating conditions and cash flows, changes in the discount rate, and the impact of strategic decisions. If any of these factors were to materially change such change may require revaluation of the reported goodwill. Changes in estimates or the application of alternative assumptions could produce significantly different results.

In 2023, CompX used the qualitative assessment for its annual impairment test and determined it was not necessary to perform the quantitative goodwill impairment test, as it concluded it is more-likely-than-not the fair value of the Security Products reporting unit exceeded its carrying amount. See Notes 1 and 7 to our Consolidated Financial Statements.

- *Defined benefit pension plans* - We maintain a defined benefit pension plan in the U.S. and we previously maintained a plan in the United Kingdom (U.K.) related to a former disposed U.K. business unit. In accordance with applicable U.K. pension regulations, we entered into an agreement in March 2021 for the bulk annuity purchase, or “buy-in”, with a specialist insurer of defined benefit pension plans. Following the buy-in, individual policies replaced the bulk annuity policy in a “buy-out” which was completed as of May 1, 2023. The buy-out was completed with existing plan funds. At the completion of the buy-out, the assets and liabilities of the U.K. pension plan were removed from our Consolidated Financial Statements and a non-cash pension plan termination loss of \$4.9 million was recognized in the second quarter of 2023. See Note 11 to our Consolidated Financial Statements.

We recognized consolidated defined benefit pension plan expense of \$.9 million in 2021, \$1.4 million in 2022 and \$6.5 million in 2023, including the loss on the termination of the U.K. pension plan of \$4.9 million discuss above. The funding requirements for these defined benefit pension plans are generally based upon applicable regulations (such as ERISA in the U.S.) and will generally differ from pension expense recognized under GAAP for financial reporting purposes. We made contributions to our plans of approximately \$1.2 million in each of 2021 and 2022. In 2023, we made a net contribution of \$.2 million to our plans (a contribution of approximately \$1.1 million to our U.S. plan and a refund of approximately \$.9 million as a result of the termination of the U.K. plan).

Under defined benefit pension plan accounting, defined benefit pension plan expense and prepaid and accrued pension costs are each recognized based on certain actuarial assumptions, principally the assumed discount rate and the assumed long-term rate of return on plan assets. We recognize the full funded status of our defined benefit pension plans as either an asset (for overfunded plans) or a liability (for underfunded plans) in our Consolidated Balance Sheets.

The discount rates we use for determining defined benefit pension expense and the related pension obligations are based on current interest rates earned on long-term bonds that receive one of the two highest ratings given by recognized rating agencies in the applicable country where the defined benefit pension benefits are being paid. In addition, we receive third-party advice about appropriate discount rates, and these advisors may in some cases use their own market indices. We adjust these discount rates as of each December 31 valuation date to reflect then-current interest rates on such long-term bonds. We use these discount rates to determine the actuarial present value of the pension obligations as of December 31 of that year. We also use these discount rates to determine the interest component of defined benefit pension expense for the following year.

As noted above, we terminated our UK pension plan in May 2023. At December 31, 2023, our projected benefit obligations for our U.S. defined benefit plan is \$29.4 million. We use different discount rate assumptions in determining our defined benefit pension plan obligations and expense for the plan we maintain in the United States and previously in the U.K. as the interest rate environment differs from country to country.

We used the following discount rates for our defined benefit pension plans:

	Discount rates used for:		
	Obligations at December 31, 2021 and expense in 2022	Obligations at December 31, 2022 and expense in 2023	Obligations at December 31, 2023 and expense in 2024
United States	2.6 %	5.3 %	5.0 %
United Kingdom (through date of plan termination)	1.3 %	4.3 %	N/A

The assumed long-term rate of return on plan assets represents the estimated average rate of earnings expected to be earned on the funds invested or to be invested from the plans' assets provided to fund the benefit payments inherent in the projected benefit obligations. Unlike the discount rate, which is adjusted each year based on changes in current long-term interest rates, the assumed long-term rate of return on plan assets will not necessarily change based upon the actual short-term performance of the plan assets in any given year. Defined benefit pension expense each year is based upon the assumed long-term rate of return on plan assets for each plan, the actual fair value of the plan assets as of the beginning of the year and an estimate of the amount of contributions to and distributions from the plan during the year. Differences between the expected return on plan assets for a given year and the actual return are deferred and amortized over future periods based on the average remaining life expectancy of the inactive participants.

We used different long-term rates of return on plan asset assumptions for our U.S. and previously maintained U.K. defined benefit pension plan expense because the respective plan assets were invested in a different mix of investments and the long-term rates of return for different investments differ from country to country.

In determining the expected long-term rate of return on plan asset assumptions, we consider the long-term asset mix (e.g. equity vs. fixed income) for the assets for each of our plans and the expected long-term rates of return for such asset components. In addition, we receive third-party advice about appropriate long-term rates of return. See Note 11 to our Consolidated Financial Statements.

Our assumed long-term rates of return on plan assets for 2021, 2022 and 2023 were as follows:

	2021	2022	2023
United States	4.0 %	4.0 %	5.0 %
United Kingdom (through date of plan termination)	1.3 %	1.3 %	4.3 %

Our long-term rate of return on plan asset assumptions in 2024 used for purposes of determining our 2024 defined benefit pension plan expense is 5.0%. As noted above, during 2021 and 2022 and through the approximate plan termination date in 2023, all of the assets of the U.K. plan were invested primarily in insurance contracts.

Based on the actuarial assumptions described above, we expect to recognize defined benefit pension expense of approximately \$1.5 million in 2024. In comparison, we expect to be required to contribute approximately \$1.0 million to such plans during 2024.

As noted above, defined benefit pension expense and the amounts recognized as accrued pension costs are based upon the actuarial assumptions discussed above. We believe that all of the actuarial assumptions used are reasonable and appropriate. However, if we had lowered the assumed discount rate by 25 basis points for our plan as of December 31, 2023, our aggregate projected benefit obligation would have increased by approximately \$.6 million at that date. Such a change would not materially impact our defined benefit pension expense for 2024. Similarly, if we lowered the assumed long-term rate of return on plan assets by 25 basis points for our plan, such a change would not materially impact our defined benefit pension expense for 2024.

LIQUIDITY AND CAPITAL RESOURCES

Consolidated cash flows

Operating activities

Trends in cash flows from operating activities, excluding the impact of deferred taxes and relative changes in assets and liabilities, are generally similar to trends in our income from operations. Changes in working capital are primarily related to changes in receivables and inventories (as discussed below) and payables and accrued liabilities. Net cash provided by operating activities was \$37.0 million in 2023 compared to \$26.9 million in 2022. The \$10.1 million net increase in cash provided by operating activities includes the effects of:

- lower net cash used for relative changes in receivables, inventories, prepaid expenses, payables and accrued liabilities in 2023 of \$6.7 million;
- a \$2.6 million increase in interest received in 2023 due to higher interest rates and increased investment balances, offset by lower average balances on CompX's revolving promissory note receivable from affiliate; and
- a \$1.4 million decrease in cash paid for taxes in 2023 due to the relative timing of payments.

Net cash provided by operating activities was \$26.9 million in 2022 compared to \$17.6 million in 2021. The \$9.3 million net increase in cash provided by operating activities includes the net effects of:

- higher income from operations from CompX in 2022 of \$4.9 million;
- lower net cash used for relative changes in receivables, inventories, prepaid expenses, payables and accrued liabilities in 2022 of \$4.0 million;
- a \$1.8 million increase in interest received in 2022 due to higher interest rates and increased investment balances, offset by lower average balances on CompX's revolving promissory note receivable from affiliate; and
- a \$1.1 million increase in cash paid for taxes in 2022 due to the relative timing of payments.

We do not have complete access to CompX's cash flows in part because we do not own 100% of CompX. A detail of our consolidated cash flows from operating activities is presented in the table below. Intercompany dividends have been eliminated. The reference to NL Parent in the tables below is a reference to NL Industries, Inc., as the parent company of CompX and our other wholly-owned subsidiaries.

	Years ended December 31,		
	2021	2022	2023
	(In millions)		
Net cash provided by operating activities:			
CompX	\$ 10.5	\$ 16.9	\$ 25.8
NL Parent and wholly-owned subsidiaries	15.7	39.6	21.9
Eliminations	(8.6)	(29.6)	(10.7)
Total	<u>\$ 17.6</u>	<u>\$ 26.9</u>	<u>\$ 37.0</u>

Relative changes in working capital can have a significant effect on cash flows from operating activities. As shown below, our total average days sales outstanding decreased from December 31, 2022 to December 31, 2023 and is primarily impacted by the timing of sales and collections in the last month of the year. As shown below, our average number of days in inventory decreased from December 31, 2022 to December 31, 2023 primarily due to a decrease at CompX's Security Products reporting unit due to the fulfillment and shipping of a significant order during the fourth quarter of 2023, partially offset by an increase at CompX's Marine Components reporting unit due to lower sales and

increased inventory balances as a result of prior orders of certain raw materials with longer lead times discussed in CompX's *Outlook* above. For comparative purposes, we have provided 2021 numbers below.

	2021	2022	2023
Days sales outstanding	42 days	41 days	36 days
Days in inventory	96 days	99 days	95 days

Investing activities

Capital expenditures, substantially all of which relate to CompX, have primarily emphasized improving manufacturing facilities and investing in manufacturing equipment, utilizing new technologies and increased automation of the manufacturing process, to provide for increased productivity and efficiency in order to meet expected customer demand and properly maintain facilities and technology infrastructure. Capital expenditures were \$4.1 million in 2021, \$3.7 million in 2022 and \$1.1 million in 2023. Capital expenditures in 2021 and 2022 were higher as CompX accelerated the timeline for certain projects designed to increase its capacity and improve its capabilities in response to strong customer demand. Beginning in the latter half of 2022 through 2023, CompX limited investments primarily to those expenditures required to meet its existing demand and to properly maintain its facilities and technology infrastructure.

Investing activities also include net collections of \$10.8 million (\$29.8 million of gross borrowings and \$40.6 million of gross repayments) in 2021, net collections of \$5.5 million (\$24.3 million of gross borrowings and \$29.8 million of gross repayments) in 2022 and net collections of \$2.6 million (\$27.9 million of gross borrowings and \$30.5 million of gross repayments) in 2023 under a promissory note receivable from an affiliate. See Note 15 to our Consolidated Financial Statements.

During 2022, we purchased marketable debt securities totaling \$70.0 million, of which \$33.0 million relates to CompX. During 2023, we purchased marketable debt securities totaling \$61.4 million, of which \$36.3 million relates to CompX, and received gross proceeds totaling \$82.0 million, of which \$36.0 million relate to CompX. See Note 5 to our Consolidated Financial Statements.

Financing activities

Quarterly dividends paid totaled \$11.7 million (\$.24 per share, or \$.06 per share per quarter) in 2021 and \$13.7 million (\$.28 per share, or \$.07 per share per quarter) in each of 2022 and 2023. In addition, our board of directors declared a special dividend which totaled \$17.1 million (\$.35 per share) paid on August 31, 2022. In February 2024 our board of directors declared a first quarter 2024 dividend of \$.08 per share, to be paid on March 21, 2024 to NL stockholders of record as of March 11, 2024. The declaration and payment of future dividends, and the amount thereof, is discretionary and is dependent upon our financial condition, cash requirements, contractual obligations and restrictions and other factors deemed relevant by our board of directors. The amount and timing of past dividends is not necessarily indicative of the amount or timing of any future dividends which might be paid. There are currently no contractual restrictions on the amount of dividends which we may pay.

Cash flows from financing activities include CompX dividends paid to its stockholders other than us aggregating \$1.3 million in 2021, \$4.3 million in 2022 (\$2.7 million of which relates to a special dividend) and \$1.6 million in 2023.

In addition, during 2021, CompX acquired 75,000 shares of its Class A common stock in market transactions for an aggregate purchase price of \$1.3 million. During 2022, CompX acquired 78,900 shares of its Class A common stock (8,900 shares from affiliates in two private transactions, and 70,000 shares in a single market transaction) for an aggregate purchase price of \$1.7 million.

Outstanding debt obligations

At December 31, 2023, NL had outstanding debt obligations of \$.5 million under its secured revolving credit facility with Valhi, and CompX did not have any outstanding debt obligations. We are in compliance with all of the

covenants contained in our revolving credit facility with Valhi at December 31, 2023. See Note 10 to our Consolidated Financial Statements.

In February 2024 Kronos exchanged of €325 million principal amount of its outstanding 3.75% Senior Secured Notes due in September 2025 (the “Old Notes”) for newly issued €276.174 million aggregate outstanding 9.50% Senior Secured Notes due March 2029 (the “New Notes” and together with the Old Notes, the “Senior Secured Notes”) plus additional cash consideration of €50 million (\$53.7 million). Kronos financed the €50 million cash consideration with a new unsecured term loan from Contran Corporation due in September 2029. The Contran term loan is subordinated in right of payment to Kronos’ Senior Secured and its \$225 million global revolving credit facility (Global Revolver). Kronos’ Senior Secured Notes, Global Revolver and the Contran term loan contain a number of covenants and restrictions which, among other things, restrict its ability to incur additional debt, incur liens, pay dividends or merge or consolidate with, or sell or transfer substantially all of its assets to, another entity, and contain other provisions and restrictive covenants customary in lending transactions of this type. Certain of Kronos’ credit agreements contain provisions which could result in the acceleration of indebtedness prior to their stated maturity for reasons other than defaults for failure to comply with typical financial or payment covenants. For example, the credit agreements allow the lender to accelerate the maturity of the indebtedness upon a change of control (as defined in the agreement) of the borrower. In addition, the credit agreements could result in the acceleration of all or a portion of the indebtedness following a sale of assets outside the ordinary course of business. Kronos is in compliance with all of its debt covenants at December 31, 2023. Kronos believes that it will be able to continue to comply with the financial covenants contained in its credit facility through its maturity.

Future cash requirements

Liquidity

Our primary source of liquidity on an ongoing basis is our cash flow from operating activities and credit facilities with affiliates and banks as further discussed below. We generally use these amounts to fund capital expenditures (substantially all of which relate to CompX), pay ongoing environmental remediation and litigation costs, and provide for the payment of dividends (if declared).

At December 31, 2023, we had aggregate restricted and unrestricted cash, cash equivalents and current marketable securities of \$194.5 million, substantially all of which was held in the U.S. A detail (in millions) by entity is presented in the table below.

	Amount (In millions)
CompX	\$ 76.7
NL Parent and wholly-owned subsidiaries	117.8
Total	<u>\$ 194.5</u>

In addition, at December 31, 2023 we owned 1.2 million shares of Valhi common stock with an aggregate market value of \$18.2 million. See Note 5 to our Consolidated Financial Statements. We also owned 35.2 million shares of Kronos common stock at December 31, 2023 with an aggregate market value of \$350.1 million. See Note 6 to our Consolidated Financial Statements.

We routinely compare our liquidity requirements and alternative uses of capital against the estimated future cash flows we expect to receive from our subsidiaries and affiliates. As a result of this process, we have in the past and may in the future seek to raise additional capital, incur debt, repurchase indebtedness in the market or otherwise, modify our dividend policies, consider the sale of our interests in our subsidiaries, affiliates, business, marketable securities or other assets, or take a combination of these and other steps, to increase liquidity, reduce indebtedness and fund future activities. Such activities have in the past and may in the future involve related companies.

We periodically evaluate acquisitions of interests in or combinations with companies (including related companies) perceived by management to be undervalued in the marketplace. These companies may or may not be engaged in businesses related to our current businesses. We intend to consider such acquisition activities in the future and, in

connection with this activity, may consider issuing additional equity securities and increasing indebtedness. From time to time, we also evaluate the restructuring of ownership interests among our respective subsidiaries and related companies.

Based upon our expectations of operating performance, and the anticipated demands on our cash resources we expect to have sufficient liquidity to meet our short-term obligations (defined as the twelve-month period ending December 31, 2024). If actual developments differ materially from our expectations, our liquidity could be adversely affected. In this regard, Valhi has agreed to loan us up to \$50 million on a revolving basis. At December 31, 2023, we had \$.5 million in outstanding borrowings under this facility, and we had \$49.5 million available for future borrowing under the facility. See Note 10 to our Consolidated Financial Statements.

Capital expenditures

Capital expenditures for 2024 are estimated at approximately \$3.0 million, substantially all of which relate to CompX. CompX's 2024 capital investments are primarily to meet its expected customer demand and those required to properly maintain its facilities and technology infrastructure.

Dividends

Because our operations are conducted primarily through subsidiaries and affiliates, our long-term ability to meet parent company-level corporate obligations is largely dependent on the receipt of dividends or other distributions from our subsidiaries and affiliates. A detail of annual dividends we expect to receive from our subsidiaries and affiliates in 2024, based on the number of shares of common stock of these affiliates we own as of December 31, 2023 and their current regular quarterly dividend rate, is presented in the table below. In this regard, in February 2024 CompX increased its regular quarterly dividend from \$.25 to \$.30 per share beginning with the dividends payable in March 2024.

	Shares held December 31, 2023 (In millions)	Quarterly dividend rate	Annual expected dividend (In millions)
Kronos	35.2	\$.19	\$ 26.8
CompX	10.8	.30	12.9
Valhi	1.2	.08	.4
Total expected annual dividends			<u>\$ 40.1</u>

Investments in our subsidiaries and affiliates and other acquisitions

We have in the past and may in the future, purchase the securities of our subsidiaries and affiliates or third-parties in market or privately-negotiated transactions. We base our purchase decisions on a variety of factors, including an analysis of the optimal use of our capital, taking into account the market value of the securities and the relative value of expected returns on alternative investments. In connection with these activities, we may consider issuing additional equity securities or increasing our indebtedness. We may also evaluate the restructuring of ownership interests of our businesses among our subsidiaries and related companies.

Commitments and contingencies

We are subject to certain commitments and contingencies, as more fully described in Note 16 to our Consolidated Financial Statements or in Part I, Item 3 of this report. In addition to those legal proceedings described in Note 16 to our Consolidated Financial Statements, various legislation and administrative regulations have, from time to time, been proposed that seek to (i) impose various obligations on present and former manufacturers of lead pigment and lead-based paint (including us) with respect to asserted health concerns associated with the use of such products and (ii) effectively overturn court decisions in which we and other pigment manufacturers have been successful. Examples of such proposed legislation include bills which would permit civil liability for damages on the basis of market share, rather than requiring plaintiffs to prove that the defendant's product caused the alleged damage and bills which would revive actions barred by the statute of limitations. While no legislation or regulations have been enacted to date that are expected to have a material

adverse effect on our consolidated financial position, results of operations or liquidity, enactment of such legislation could have such an effect.

As more fully described in the Notes to our Consolidated Financial Statements, we are party to various debt, leases and other agreements which contractually and unconditionally commit us to pay certain amounts in the future. See Note 10 to our Consolidated Financial Statements. See Notes 1 and 13 to our Consolidated Financial Statements for a description of certain income tax contingencies. Additionally, CompX has purchase obligations of \$18.3 million (\$17.5 million payable in 2024 and \$.8 million payable in 2025/2026) which consists of open purchase orders and contractual obligations, primarily commitments to purchase raw materials and for capital projects in process at December 31, 2023. The timing and amount for purchase obligations is based on the contractual payment amount and the contractual payment date for those commitments.

ITEM 7A. QUANTITATIVE AND QUALITATIVE DISCLOSURES ABOUT MARKET RISK

General - We are exposed to market risk from changes in currency exchange rates, interest rates, raw materials and equity security prices.

Interest rates - We are exposed to market risk from changes in interest rates, primarily related to our indebtedness, CompX's note receivable from affiliate and our investment in marketable debt securities. We have an outstanding principal amount of indebtedness of \$.5 million at December 31, 2023 bearing interest at prime plus 1.875% (10.4% at December 31, 2023) with a maturity date of December 31, 2030. The carrying value of such outstanding indebtedness approximates its fair value.

The outstanding principal amount of the note receivable from affiliate of \$10.6 million at December 31, 2023 bears interest at prime plus 1.0% (9.5% at December 31, 2023). We received interest income of \$1.2 million from the note during 2023. At December 31, 2023 we have \$53.1 million invested in marketable debt securities, \$35.4 held by CompX, at an average interest rate of approximately 4.6%.

Marketable equity security prices - We are exposed to market risk due to changes in prices of the marketable equity securities which we own. The fair value of our equity securities at December 31, 2022 and 2023 was \$26.4 million and \$18.2 million, respectively. The potential change in the aggregate fair value of these investments, assuming a 10% change in prices, would be \$2.6 million and \$1.8 million at December 31, 2022 and 2023, respectively.

Raw materials - CompX will occasionally enter into short-term commodity-related raw material supply arrangements to mitigate the impact of future increases in commodity-related raw material costs. CompX does not have long-term supply agreements for its raw material requirements because either it believes the risk of unavailability of those raw materials is low and it believes the downside risk of price volatility to be too great or because long-term supply agreements for those materials are generally not available. CompX does not engage in commodity raw material hedging programs.

Other - The discussion and sensitivity analysis presented above include forward-looking statements of market risk which assume hypothetical changes in market prices. Actual future market conditions will likely differ materially from such assumptions. Accordingly, such forward-looking statements should not be considered to be projections of future events, gains or losses. Such forward-looking statements are subject to certain risks and uncertainties, some of which are listed in "Business."

ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA

The information called for by this Item is contained in a separate section of this Annual Report. See "Index of Financial Statements" (page F-1).

ITEM 9. CHANGES IN AND DISAGREEMENTS WITH ACCOUNTANTS ON ACCOUNTING AND FINANCIAL DISCLOSURE

None

ITEM 9A. CONTROLS AND PROCEDURES

Evaluation of disclosure controls and procedures

We maintain disclosure controls and procedures which, as defined in Exchange Act Rule 13a-15(e), means controls and other procedures that are designed to ensure that information required to be disclosed in the reports that we file or submit to the SEC under the Securities Exchange Act of 1934, as amended (the Act), is recorded, processed, summarized and reported, within the time periods specified in the SEC's rules and forms. Disclosure controls and procedures include, without limitation, controls and procedures designed to ensure that information we are required to disclose in the reports we file or submit to the SEC under the Act is accumulated and communicated to our management, including our principal executive officer and our principal financial officer, or persons performing similar functions, as appropriate to allow timely decisions to be made regarding required disclosure. Each of Courtney J. Riley, our President and Chief Executive Officer and Amy Allbach Samford, our Executive Vice President and Chief Financial Officer, have evaluated the design and effectiveness of our disclosure controls and procedures as of December 31, 2023. Based upon their evaluation, these executive officers have concluded that our disclosure controls and procedures are effective as of the date of this evaluation.

Management's report on internal control over financial reporting

Our management is responsible for establishing and maintaining adequate internal control over financial reporting which, as defined by Exchange Act Rule 13a-15(f) means a process designed by, or under the supervision of, our principal executive and principal financial officers, or persons performing similar functions, and effected by the board of directors, management and other personnel, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles ("GAAP"), and includes those policies and procedures that:

- pertain to the maintenance of records that in reasonable detail accurately and fairly reflect the transactions and dispositions of our assets,
- provide reasonable assurance that transactions are recorded as necessary to permit preparation of financial statements in accordance with GAAP, and that receipts and expenditures are being made only in accordance with authorizations of management and directors, and
- provide reasonable assurance regarding prevention or timely detection of an unauthorized acquisition, use or disposition of assets that could have a material effect on our Consolidated Financial Statements.

Our evaluation of the effectiveness of internal control over financial reporting is based upon the framework established in *Internal Control – Integrated Framework* issued by the Committee of Sponsoring Organizations of the Treadway Commission in 2013 (commonly referred to as the "2013 COSO" framework). Based on our evaluation under that framework, we have concluded that our internal control over financial reporting was effective as of December 31, 2023.

This annual report does not include an attestation report of our registered public accounting firm regarding internal control over financial reporting. Management's report was not subject to attestation by our registered public accounting firm pursuant to rules of the SEC that permit us to provide only management's report in this annual report.

Other

As permitted by the SEC, our assessment of internal control over financial reporting excludes (i) internal control over financial reporting of equity method investees and (ii) internal control over the preparation of any financial statement

schedules which would be required by Article 12 of Regulation S-X. However, our assessment of internal control over financial reporting with respect to equity method investees did include controls over the recording of amounts related to our investment that are recorded in the consolidated financial statements, including controls over the selection of accounting methods for our investments, the recognition of equity method earnings and losses and the determination, valuation and recording of our investment account balances.

Changes in internal control over financial reporting

There has been no change to our internal control over financial reporting during the quarter ended December 31, 2023 that has materially affected, or is reasonably likely to materially affect, our internal control over financial reporting.

Certifications

Our chief executive officer is required to annually file a certification with the New York Stock Exchange (NYSE), certifying our compliance with the corporate governance listing standards of the NYSE. During 2023, our chief executive officer filed such annual certification with the NYSE. The 2023 certification was unqualified.

Our chief executive officer and chief financial officer are also required to, among other things, quarterly file certifications with the SEC regarding the quality of our public disclosures, as required by Section 302 of the Sarbanes-Oxley Act of 2002. We have filed the certifications for the quarter ended December 31, 2023 as Exhibits 31.1 and 31.2 to this Annual Report on Form 10-K.

ITEM 9B. OTHER INFORMATION

Not applicable

ITEM 9C. DISCLOSURE REGARDING FOREIGN JURISDICTIONS THAT PREVENT INSPECTIONS

Not applicable

PART III

ITEM 10. DIRECTORS, EXECUTIVE OFFICERS AND CORPORATE GOVERNANCE

The information required by this Item is incorporated by reference to our 2024 definitive proxy statement to be filed with the SEC pursuant to Regulation 14A within 120 days after the end of the fiscal year covered by this report.

ITEM 11. EXECUTIVE COMPENSATION

The information required by this Item is incorporated by reference to our 2024 proxy statement.

ITEM 12. SECURITY OWNERSHIP OF CERTAIN BENEFICIAL OWNERS AND MANAGEMENT AND RELATED STOCKHOLDER MATTERS

The information required by this Item is incorporated by reference to our 2024 proxy statement.

ITEM 13. CERTAIN RELATIONSHIPS AND RELATED TRANSACTIONS, AND DIRECTOR INDEPENDENCE

The information required by this Item is incorporated by reference to our 2024 proxy statement. See also Note 15 to our Consolidated Financial Statements.

ITEM 14. PRINCIPAL ACCOUNTING FEES AND SERVICES

The Information required by this Item is incorporated by reference to our 2024 proxy statement.

PART IV

ITEM 15. EXHIBITS AND FINANCIAL STATEMENT SCHEDULES

(a) and (c) Financial Statements

The Registrant

The consolidated financial statements of the Registrant listed on the accompanying Index of Financial Statements (see page F-1) are filed as part of this Annual Report.

50%-or-less persons

The consolidated financial statements of Kronos (31%-owned at December 31, 2023) are incorporated by reference in Exhibit 99.1 of this Annual Report pursuant to Rule 3-09 of Regulation S-X. Management's Report on Internal Control Over Financial Reporting of Kronos is not included as part of Exhibit 99.1. The Registrant is not required to provide any other consolidated financial statements pursuant to Rule 3-09 of Regulation S-X.

(b) Exhibits

We have included as exhibits the items listed in the Exhibit Index. We will furnish a copy of any of the exhibits listed below upon payment of \$4.00 per exhibit to cover our cost to furnish the exhibits. Pursuant to Item 601(b) (4)(iii) of Regulation S-K, any instrument defining the rights of holders of long-term debt issues and other agreements related to indebtedness which do not exceed 10% of consolidated total assets as of December 31, 2023 will be furnished to the Commission upon request.

Item No.	Exhibit Index
3.1	<u>Certificate of Amended and Restated Certificate of Incorporation dated May 22, 2008 - incorporated by reference to Exhibit 3.1 of the Registrant's Current Report on Form 8-K filed with the U.S. Securities and Exchange Commission on May 23, 2008.</u>
3.2	<u>Amended and Restated Bylaws of NL Industries, Inc. as of October 26, 2023 - incorporated by reference to Exhibit 3.1 of the Registrant's Current Report on Form 8-K filed with the U.S. Securities and Exchange Commission on October 26, 2023.</u>
4.1	<u>Description of the Registrant's Capital Stock. - incorporated by reference to Exhibit 4.1 to the Registrant's Annual Report on Form 10-K for the year ended December 31, 2019.</u>
10.1	Lease Contract dated June 21, 1952, between Farbenfabriken Bayer Aktiengesellschaft and Titangesellschaft mit beschränkter Haftung (German language version and English translation thereof) - incorporated by reference to Exhibit 10.14 to the Registrant's Annual Report on Form 10-K (File No. 001-00640) for the year ended December 31, 1985. (P)
10.2	Formation Agreement dated as of October 18, 1993 among Tioxide Americas Inc., Kronos Louisiana, Inc. and Louisiana Pigment Company, L.P. - incorporated by reference to Exhibit 10.2 to the Registrant's Quarterly Report on Form 10-Q (File No. 001-00640) for the quarter ended September 30, 1993. (P)
10.3	Joint Venture Agreement dated as of October 18, 1993 between Tioxide Americas Inc. and Kronos Louisiana, Inc. - incorporated by reference to Exhibit 10.3 to the Registrant's Quarterly Report on Form 10-Q (File No. 001-00640) for the quarter ended September 30, 1993. (P)
10.4	Kronos Offtake Agreement dated as of October 18, 1993 between Kronos Louisiana, Inc. and Louisiana Pigment Company, L.P. - incorporated by reference to Exhibit 10.4 to the Registrant's Quarterly Report on Form 10-Q (File No. 001-00640) for the quarter ended September 30, 1993. (P)

Item No.	Exhibit Index
10.5	Amendment No. 1 to Kronos Offtake Agreement dated as of December 20, 1995 between Kronos Louisiana, Inc. and Louisiana Pigment Company, L.P. - incorporated by reference to Exhibit 10.22 to the Registrant's Annual Report on Form 10-K (File No. 001-00640) for the year ended December 31, 1995. (P)
10.6	Tioxide Americas Offtake Agreement dated as of October 18, 1993 between Tioxide Americas Inc. and Louisiana Pigment Company, L.P. - incorporated by reference to Exhibit 10.5 to the Registrant's Quarterly Report on Form 10-Q (File No. 001-00640) for the quarter ended September 30, 1993. (P)
10.7	Amendment No. 1 to Tioxide Americas Offtake Agreement dated as of December 20, 1995 between Tioxide Americas Inc. and Louisiana Pigment Company, L.P. - incorporated by reference to Exhibit 10.24 to the Registrant's Annual Report on Form 10-K (File No. 001-00640) for the year ended December 31, 1995. (P)
10.8	Parents' Undertaking dated as of October 18, 1993 between ICI American Holdings Inc. and Kronos Worldwide, Inc. (f/k/a Kronos, Inc.) - incorporated by reference to Exhibit 10.9 to the Registrant's Quarterly Report on Form 10-Q (File No. 001-00640) for the quarter ended September 30, 1993. (P)
10.9	Allocation Agreement dated as of October 18, 1993 between Tioxide Americas Inc., ICI American Holdings, Inc., Kronos Worldwide, Inc. (f/k/a Kronos, Inc.) and Kronos Louisiana, Inc. - incorporated by reference to Exhibit 10.10 to the Registrant's Quarterly Report on Form 10-Q (File No. 001-00640) for the quarter ended September 30, 1993. (P)
10.10	Form of Assignment and Assumption Agreement, dated as of January 1, 1999, between Kronos Inc. (formerly known as Kronos (USA), Inc.) and Kronos International, Inc. - incorporated by reference to Exhibit 10.9 to Kronos International, Inc.'s Registration Statement on Form S-4 (File No. 333-100047). (P)
10.11	<u>Form of Cross License Agreement, effective as of January 1, 1999, between Kronos Inc. (formerly known as Kronos (USA), Inc.) and Kronos International, Inc. - incorporated by reference to Exhibit 10.10 to Kronos International, Inc.'s Registration Statement on Form S-4 (File No. 333-100047).</u>
10.12	<u>Unsecured Revolving Demand Promissory Note dated December 31, 2022 in the principal amount of \$25.0 million executed by Valhi, Inc. and payable to the order of Kronos Worldwide, Inc. – incorporate by reference to Exhibit 10.12 to the Registrant's Annual Report on Form 10K for the year ended December 31, 2022.</u>
10.13**	<u>Cancellation of Unsecured Revolving Demand Promissory Note between Valhi, Inc. and Kronos Worldwide, Inc. dated February 21, 2024.</u>
10.14	<u>Restated and Amended Agreement by and between Richards Bay Titanium (Proprietary) Limited (acting through its sales agent Rio Tinto Iron & Titanium Limited) and Kronos (US), Inc. effective January 1, 2016 – incorporated by reference to Exhibit 10.26 to the Kronos Worldwide, Inc. Annual Report on Form 10-K for the year ended December 31, 2015.</u>
10.15 *	<u>Kronos Worldwide, Inc. 2012 Director Stock Plan - incorporated by reference to Exhibit 4.4 of Kronos Worldwide, Inc. Registration statement on Form S-8.</u>
10.16 *	<u>CompX International Inc. 2012 Director Stock Plan - incorporated by reference to Exhibit 10.2 of CompX International Inc.'s Annual Report on Form 10-K for the year ended December 31, 2012.</u>
10.17 *	<u>NL Industries, Inc. 2023 Non-Employee Director Stock Plan - incorporated by reference to Exhibit 10.1 of Registrant's Quarterly Report on Form 10Q for the quarter ended June 30, 2023.</u>

Item No.	Exhibit Index
10.18	<u>Second Amended and Restated Agreement Regarding Shared Insurance among CompX International Inc., Contran Corporation, Kronos Worldwide, Inc., NL Industries, Inc. and Valhi, Inc. dated January 25, 2019 – incorporated by reference to Exhibit 10.20 to the Registrant’s Annual Report on Form 10-K for the year ended December 31, 2018.</u>
10.19	<u>Intercorporate Services Agreement by and between Contran Corporation and Kronos Worldwide, Inc. - incorporated by reference to Exhibit 10.1 to the Kronos Worldwide, Inc. Quarterly Report on Form 10-Q for the quarter ended March 31, 2004.</u>
10.20	<u>Intercorporate Services Agreement between CompX International Inc. and Contran Corporation effective as of January 1, 2004 - incorporated by reference to Exhibit 10.2 to the CompX International Inc. Annual Report on Form 10-K for the year ended December 31, 2003.</u>
10.21	<u>Intercorporate Services Agreement by and between Contran Corporation and NL Industries, Inc. effective as of January 1, 2004 - incorporated by reference to Exhibit 10.1 to the NL Industries, Inc. Quarterly Report on Form 10-Q for the quarter ended March 31, 2004.</u>
10.22	<u>Tax Agreement between Valhi, Inc. and Kronos Worldwide, Inc. dated as of January 1, 2020 - incorporated by reference to Exhibit 10.1 to the Kronos Worldwide, Inc. Annual Report on Form 10-K for the year ended December 31, 2019.</u>
10.23	<u>Tax Agreement among NL Industries, Inc., Valhi, Inc. and Contran Corporation dated as of January 1, 2020 - incorporated by reference to Exhibit 10.25 to the Registrant’s Annual Report on Form 10-K (for the year ended December 31, 2019).</u>
10.24	<u>Unsecured Revolving Demand Promissory Note dated December 31, 2023 in the principal amount of \$25.0 million executed by Valhi, Inc. and payable to the order of CompX International Inc. - incorporated by reference to Exhibit 10.5 to the Annual Report on Form 10-K of CompX International Inc. for the year ended December 31, 2023.</u>
10.25	<u>Loan Agreement between NLKW Holding, LLC, as Borrower, and Valhi, Inc., as Lender, dated as of November 14, 2016 incorporated by reference to Exhibit 10.1 to the Current Report on Form 8-K of the Registrant dated November 14, 2016 and filed on November 15, 2016.</u>
10.26	<u>First Amendment to Loan Agreement between NLKW Holding, LLC, as Borrower, and Valhi, Inc. as Lender, dated as of November 9, 2022 incorporated by reference to Exhibit 10.1 to the Current Report on Form 8-K of the Registration dated November 9, 2022.</u>
10.27	<u>Pledge and Security Agreement made by and between NLKW Holding, LLC in favor of Valhi, Inc., dated as of November 14, 2016 incorporated by reference to Exhibit 10.2 to the Current Report on Form 8-K of the Registrant dated November 14, 2016 and filed on November 15, 2016.</u>
10.28	<u>Back-to-Back Loan Agreement between the registrant, as Borrower, and NLKW Holding, LLC, as Lender, dated as of November 14, 2016 incorporated by reference to Exhibit 10.3 to the Current Report on Form 8-K of the Registrant dated November 14, 2016 and filed on November 15, 2016.</u>
10.29	<u>First Amendment to Back-to-Back Loan Agreement between NL Industries, Inc., as Borrower, and NLKW Holding, LLC, as Lender, dated as of November 9, 2022 incorporated by reference to Exhibit 10.2 to the Current Report on Form 8-K of the Registrant dated November 9, 2022.</u>

Item No.	Exhibit Index
10.30	<u>Back-to-Back Pledge and Security Agreement made by and between the registrant in favor of Valhi, Inc., dated as of November 14, 2016 incorporated by reference to Exhibit 10.4 to the Current Report on Form 8-K of the Registrant dated November 14, 2016 and filed on November 15, 2016.</u>
10.31	<u>Indenture, dated as of September 13, 2017, among Kronos International, Inc., the guarantors named therein, and Deutsche Bank Trust Company Americas, as trustee, collateral agent, paying agent, transfer agent and registrar – incorporated by reference to Exhibit 4.1 to the Current Report on Form 8-K of Kronos Worldwide, Inc. dated September 13, 2017 and filed on September 13, 2017.</u>
10.32	<u>Supplemental Indenture No. 1, dated as of February 12, 2024, among Kronos International, Inc., the guarantors named therein, and Deutsche Bank Trust Company Americas, as trustee, collateral agent, paying agent, transfer agent and registrar – incorporated by reference to Exhibit 4.1 to Kronos Worldwide Inc.’s Current Report on Form 8-K filed on February 12, 2024.</u>
10.33	<u>Indenture, dated as of February 12, 2024, among Kronos International, Inc., the guarantors named therein, and Deutsche Bank Trust Company Americas, as trustee, collateral agent, paying agent, transfer agent and registrar – incorporated by reference to Exhibit 4.2 to Kronos Worldwide Inc.’s Current Report on Form 8-K filed on February 12, 2024.</u>
10.34	<u>Pledge Agreement, dated as of September 13, 2017, among Kronos International, Inc., the guarantors named therein and Deutsche Bank Trust Company Americas, as collateral agent – incorporated by reference to Exhibit 4.2 to the Current Report on Form 8-K of Kronos Worldwide, Inc. dated September 13, 2017 and filed on September 13, 2017.</u>
10.35	<u>Additional Notes Priority Joinder Agreement dated February 12, 2024, executed by Deutsche Bank Trust Company Americas, as trustee and collateral agent for the holders of Kronos International, Inc.’s 9.50% Senior Secured Notes due 2029 and as existing agent under the Pledge Agreement dated September 13, 2017 entered into in connection with Kronos International Inc.’s 3.75% Senior Secured Notes due 2025 – incorporated by reference to Exhibit 4.4 to Kronos Worldwide Inc.’s Current Report on Form 8-K filed on February 12, 2024.</u>
10.36	<u>Credit Agreement dated as of April 20, 2021 by and among Kronos Worldwide, Inc., Kronos Louisiana, Inc., Kronos (US), Inc., Kronos Canada, Inc., Kronos Europe NV, Kronos Titan GmbH and Wells Fargo Bank, National Association as administrative agent and lender – incorporated by reference to Exhibit 10.1 to the Registrant’s Quarterly Report on Form 10-Q for the quarter ended March 31, 2021.</u>
10.37	<u>First Amendment to Credit Agreement dated May 8, 2023, among Kronos Worldwide, Inc., Kronos Louisiana, Inc., Kronos (US), Inc., Kronos Canada, Inc., Kronos Europe NV, Kronos Titan GmbH, Wells Fargo Bank, National Association, as administrative agent, and the lenders a party thereto – incorporated by reference to Exhibit 10.1 of Kronos Worldwide, Inc.’s Current Report on Form 8-K filed with the U.S. Securities and Exchange Commission on May 9, 2023.</u>
10.38	<u>Guaranty and Security Agreement dated as of April 20, 2021, by and among Kronos Worldwide, Inc., Kronos Louisiana, Inc., Kronos (US), Inc., Kronos Canada, Inc., Kronos International, Inc. and Wells Fargo Bank, National Association as administrative agent and lender – incorporated by reference to Exhibit 10.2 to the Registrant’s Quarterly Report on Form 10-Q for the quarter ended March 31, 2021.</u>
10.39	<u>Unsecured Subordinated Term Promissory Note dated February 12, 2024 in the principal amount of \$53,705,000 executed by Kronos Worldwide, Inc. and the guarantors named therein and payable to the order of Contran Corporation – incorporated by reference to Exhibit 4.5 to Kronos Worldwide Inc.’s Current Report on Form 8-K filed on February 12, 2024.</u>
21.1 **	<u>Subsidiaries of the Registrant</u>
23.1 **	<u>Consent of PricewaterhouseCoopers LLP with respect to NL’s consolidated financial statements.</u>

Item No.	Exhibit Index
23.2 **	Consent of PricewaterhouseCoopers LLP with respect to Kronos' consolidated financial statements.
31.1 **	Certification
31.2 **	Certification
32.1 **	Certification
97**	Policy for the Recovery of Erroneously Awarded Compensation.
99.1	Consolidated financial statements of Kronos Worldwide, Inc. - incorporated by reference to Kronos' Annual Report on Form 10-K for the year ended December 31, 2023.
101.INS**	Inline XBRL Instance – the instance document does not appear in the Interactive Data File because its XBRL tags are embedded within the Inline XBRL document
101.SCH**	Inline XBRL Taxonomy Extension Schema
101.CAL**	Inline XBRL Taxonomy Extension Calculation Linkbase
101.DEF**	Inline XBRL Taxonomy Extension Definition Linkbase
101.LAB**	Inline XBRL Taxonomy Extension Label Linkbase
101.PRE**	Inline XBRL Taxonomy Extension Presentation Linkbase
104	Cover page Interactive Data File (formatted as Inline XBRL and contained in Exhibit 101)

* Management contract, compensatory plan or arrangement.

** Filed herewith

(P) Paper exhibits

SIGNATURES

Pursuant to the requirements of Section 13 or 15(d) of the Securities Exchange Act of 1934, the Registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

NL Industries, Inc.

(Registrant)

By: /s/Courtney J. Riley

Courtney J. Riley, March 6, 2024
(President and Chief Executive Officer)

Pursuant to the requirements of the Securities Exchange Act of 1934, this report has been signed below by the following persons on behalf of the Registrant and in the capacities and on the dates indicated:

/s/ Loretta J. Feehan

Loretta J. Feehan, March 6, 2024
(Chair of the Board (non-executive))

/s/ John E. Harper

John E. Harper, March 6, 2024
(Director)

/s/ Michael S. Simmons

Michael S. Simmons, March 6, 2024
(Vice Chairman and Director)

/s/ Meredith W. Mendes

Meredith W. Mendes, March 6, 2024
(Director)

/s/ Amy Allbach Samford

Amy Allbach Samford, March 6, 2024
(Executive Vice President and Chief Financial Officer,
Principal Financial Officer)

/s/ Kevin B. Kramer

Kevin B. Kramer, March 6 2024
(Director)

/s/ Amy E. Ruf

Amy E. Ruf, March 6, 2024
(Vice President and Controller,
Principal Accounting Officer)

/s/ Cecil H. Moore, Jr.

Cecil H. Moore, Jr., March 6, 2024
(Director)

NL INDUSTRIES, INC.
Annual Report on Form 10-K
Items 8, 15(a) and 15(c)
Index of Financial Statements

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<u>Consolidated Statements of Operations - Years ended December 31, 2021, 2022 and 2023</u>	F-6
<u>Consolidated Statements of Comprehensive Income - Years ended December 31, 2021, 2022 and 2023</u>	F-7
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<u>Consolidated Statements of Cash Flows - Years ended December 31, 2021, 2022 and 2023</u>	F-9
<u>Notes to Consolidated Financial Statements</u>	F-11

All financial statement schedules have been omitted either because they are not applicable or required, or the information that would be required to be included is disclosed in the Notes to the Consolidated Financial Statements.

Report of Independent Registered Public Accounting Firm

To the Board of Directors and Stockholders of NL Industries, Inc.

Opinion on the Financial Statements

We have audited the accompanying consolidated balance sheets of NL Industries, Inc. and its subsidiaries (the “Company”) as of December 31, 2023 and 2022, and the related consolidated statements of operations, of comprehensive income, of stockholders’ equity and of cash flows for each of the three years in the period ended December 31, 2023, including the related notes (collectively referred to as the “consolidated financial statements”). In our opinion, the consolidated financial statements present fairly, in all material respects, the financial position of the Company as of December 31, 2023 and 2022, and the results of its operations and its cash flows for each of the three years in the period ended December 31, 2023 in conformity with accounting principles generally accepted in the United States of America.

Basis for Opinion

These consolidated financial statements are the responsibility of the Company’s management. Our responsibility is to express an opinion on the Company’s consolidated financial statements based on our audits. We are a public accounting firm registered with the Public Company Accounting Oversight Board (United States) (PCAOB) and are required to be independent with respect to the Company in accordance with the U.S. federal securities laws and the applicable rules and regulations of the Securities and Exchange Commission and the PCAOB.

We conducted our audits of these consolidated financial statements in accordance with the standards of the PCAOB. Those standards require that we plan and perform the audits to obtain reasonable assurance about whether the consolidated financial statements are free of material misstatement, whether due to error or fraud. The Company is not required to have, nor were we engaged to perform, an audit of its internal control over financial reporting. As part of our audits we are required to obtain an understanding of internal control over financial reporting but not for the purpose of expressing an opinion on the effectiveness of the Company’s internal control over financial reporting. Accordingly, we express no such opinion.

Our audits included performing procedures to assess the risks of material misstatement of the consolidated financial statements, whether due to error or fraud, and performing procedures that respond to those risks. Such procedures included examining, on a test basis, evidence regarding the amounts and disclosures in the consolidated financial statements. Our audits also included evaluating the accounting principles used and significant estimates made by management, as well as evaluating the overall presentation of the consolidated financial statements. We believe that our audits provide a reasonable basis for our opinion.

Critical Audit Matters

The critical audit matter communicated below is a matter arising from the current period audit of the consolidated financial statements that was communicated or required to be communicated to the audit committee and that (i) relates to accounts or disclosures that are material to the consolidated financial statements and (ii) involved our especially challenging, subjective, or complex judgments. The communication of critical audit matters does not alter in any way our opinion on the consolidated financial statements, taken as a whole, and we are not, by communicating the critical audit matter below, providing a separate opinion on the critical audit matter or on the accounts or disclosures to which it relates.

Environmental Remediation and Related Matters

As described in Note 16 to the consolidated financial statements, management evaluates the potential range of the Company's liability for environmental remediation and related costs at sites where the Company has been named as a potentially responsible party (PRP) or defendant. As of December 31, 2023, management accrued approximately \$91 million related to approximately 33 sites associated with remediation and related matters. Liabilities related to environmental remediation and related matters (including costs associated with damages for property damage and/or damages for injury to natural resources) are recorded when management determines that estimated future expenditures are probable and reasonably estimable. As disclosed by management, environmental remediation and related costs accruals (and the potential range of the Company's liabilities) are adjusted as further information becomes available or as circumstances change which involves management's judgment regarding current facts and circumstances for each site and is subject to various assumptions and estimates.

The principal considerations for our determination that performing procedures relating to environmental remediation and related matters is a critical audit matter are the significant judgment by management when assessing the accruals and the potential range of the Company's liabilities and when determining whether estimated future expenditures are probable and reasonably estimable, which in turn led to a high degree of auditor judgment, subjectivity and effort in performing procedures and evaluating evidence related to management's assessment of the accruals and the potential range of the liabilities.

Addressing the matter involved performing procedures and evaluating audit evidence in connection with forming our overall opinion on the consolidated financial statements. These procedures included testing the effectiveness of controls relating to management's evaluation of environmental remediation and related matters (including costs and estimates associated with damages for property damage and/or damages for injury to natural resources), including controls over determining whether estimated future expenditures are probable and reasonably estimable, as well as the related financial statement disclosures. These procedures also included, among others, (i) obtaining the rollforward of environmental accrual activity for each matter and, for a sample of sites, reviewing and discussing site activity with management, (ii) obtaining and evaluating responses to letters of audit inquiry from internal and external legal counsel, and (iii) evaluating the sufficiency of the Company's environmental remediation and related matters disclosures.

/s/ PricewaterhouseCoopers LLP
Dallas, Texas
March 6, 2024

We have served as the Company's auditor since 1924.

NL INDUSTRIES, INC. AND SUBSIDIARIES

CONSOLIDATED BALANCE SHEETS

(In thousands)

ASSETS	December 31,	
	2022	2023
Current assets:		
Cash and cash equivalents	\$ 68,868	\$ 111,522
Restricted cash and cash equivalents	2,864	2,917
Marketable securities	70,164	53,149
Accounts and other receivables, net	17,870	17,101
Receivables from affiliates	636	628
Inventories, net	31,290	30,712
Prepaid expenses and other	2,276	2,235
Total current assets	193,968	218,264
Other assets:		
Restricted cash and cash equivalents	25,770	26,943
Note receivable from affiliate	13,200	10,600
Marketable securities	26,350	18,194
Investment in Kronos Worldwide, Inc.	292,206	247,582
Goodwill	27,156	27,156
Other assets, net	2,523	2,060
Total other assets	387,205	332,535
Property and equipment:		
Land	5,390	5,390
Buildings	23,181	23,239
Equipment	74,113	74,315
Construction in progress	722	676
Less accumulated depreciation	103,406	103,620
Net property and equipment	74,712	77,757
Total assets	\$ 609,867	\$ 576,662

NL INDUSTRIES, INC. AND SUBSIDIARIES
CONSOLIDATED BALANCE SHEETS (CONTINUED)

(In thousands, except per share data)

LIABILITIES AND EQUITY	December 31,	
	2022	2023
Current liabilities:		
Accounts payable	\$ 3,537	\$ 3,148
Accrued litigation settlement	11,830	11,830
Accrued and other current liabilities	13,393	13,182
Accrued environmental remediation and related costs	2,627	1,655
Payables to affiliates	665	634
Total current liabilities	32,052	30,449
Noncurrent liabilities:		
Long-term debt from affiliate	500	500
Accrued environmental remediation and related costs	89,731	89,451
Long-term litigation settlement	27,427	16,122
Deferred income taxes	50,119	41,733
Accrued pension costs	3,012	1,571
Other	4,279	5,074
Total noncurrent liabilities	175,068	154,451
Equity:		
NL stockholders' equity:		
Preferred stock, no par value; 5,000 shares authorized; none issued	—	—
Common stock; \$.125 par value; 150,000 shares authorized; 48,816 and 48,833 shares issued and outstanding	6,101	6,103
Additional paid-in capital	298,598	298,868
Retained earnings	300,442	284,462
Accumulated other comprehensive loss	(222,991)	(219,621)
Total NL stockholders' equity	382,150	369,812
Noncontrolling interest in subsidiary	20,597	21,950
Total equity	402,747	391,762
Total liabilities and equity	\$ 609,867	\$ 576,662

Commitments and contingencies (Notes 13 and 16)

See accompanying Notes to Consolidated Financial Statements.

NL INDUSTRIES, INC. AND SUBSIDIARIES
CONSOLIDATED STATEMENTS OF OPERATIONS

(In thousands, except per share data)

	Years ended December 31,		
	2021	2022	2023
Net sales	\$ 140,815	\$ 166,562	\$ 161,287
Cost of sales	98,066	117,763	112,068
Gross margin	42,749	48,799	49,219
Selling, general and administrative expense	22,223	23,363	23,784
Corporate expense	10,035	11,705	11,306
Income from operations	10,491	13,731	14,129
Equity in earnings (losses) of Kronos Worldwide, Inc.	34,323	31,873	(15,003)
Other income (expense):			
Interest and dividend income	1,603	3,797	9,636
Marketable equity securities	16,229	(8,085)	(8,156)
Loss on pension plan termination	—	—	(4,911)
Other components of net periodic pension and OPEB cost	(665)	(1,134)	(1,368)
Interest expense	(1,142)	(941)	(746)
Income (loss) before income taxes	60,839	39,241	(6,419)
Income tax expense (benefit)	7,479	2,785	(7,001)
Net income	53,360	36,456	582
Noncontrolling interest in net income of subsidiary	2,172	2,612	2,890
Net income (loss) attributable to NL stockholders	<u>\$ 51,188</u>	<u>\$ 33,844</u>	<u>\$ (2,308)</u>
Amounts attributable to NL stockholders:			
Basic and diluted net income (loss) per share	<u>\$ 1.05</u>	<u>\$.69</u>	<u>\$ (.05)</u>
Weighted average shares used in the calculation of net income (loss) per share	<u>48,797</u>	<u>48,811</u>	<u>48,827</u>

See accompanying Notes to Consolidated Financial Statements.

NL INDUSTRIES, INC. AND SUBSIDIARIES
CONSOLIDATED STATEMENTS OF COMPREHENSIVE INCOME
(In thousands)

	Years ended December 31,		
	2021	2022	2023
Net income	\$ 53,360	\$ 36,456	\$ 582
Other comprehensive income (loss), net of tax:			
Currency translation	(1,660)	(6,956)	1,072
Defined benefit pension plans	12,236	24,611	2,484
Marketable debt securities	—	(50)	53
Other postretirement benefit plans	(143)	160	(221)
Total other comprehensive income, net	10,433	17,765	3,388
Comprehensive income	63,793	54,221	3,970
Comprehensive income attributable to noncontrolling interest	2,172	2,612	2,908
Comprehensive income attributable to NL stockholders	\$ 61,621	\$ 51,609	\$ 1,062

See accompanying Notes to Consolidated Financial Statements.

NL INDUSTRIES, INC. AND SUBSIDIARIES
CONSOLIDATED STATEMENTS OF STOCKHOLDERS' EQUITY
Years ended December 31, 2021, 2022 and 2023
(In thousands)

	Common stock	Additional paid-in capital	Retained earnings	Accumulated other comprehensive loss	Noncontrolling interest in subsidiary	Total equity
Balance at December 31, 2020	\$ 6,098	\$ 299,093	\$ 257,875	\$ (251,189)	\$ 23,472	\$ 335,349
Net income	—	—	51,188	—	2,172	53,360
Other comprehensive income, net of tax	—	—	—	10,433	—	10,433
Issuance of NL common stock	2	99	—	—	—	101
Dividends paid - \$.24 per share	—	—	(11,712)	—	—	(11,712)
Dividends paid to noncontrolling interest	—	—	—	—	(1,324)	(1,324)
Other, net	—	583	—	—	(1,819)	(1,236)
Balance at December 31, 2021	6,100	299,775	297,351	(240,756)	22,501	384,971
Net income	—	—	33,844	—	2,612	36,456
Other comprehensive income, net of tax	—	—	—	17,765	—	17,765
Issuance of NL common stock	1	119	—	—	—	120
Dividends paid - \$.63 per share	—	—	(30,753)	—	—	(30,753)
Dividends paid to noncontrolling interest	—	—	—	—	(4,304)	(4,304)
Other, net	—	(1,296)	—	—	(212)	(1,508)
Balance at December 31, 2022	6,101	298,598	300,442	(222,991)	20,597	402,747
Net income (loss)	—	—	(2,308)	—	2,890	582
Other comprehensive income, net of tax	—	—	—	3,370	18	3,388
Issuance of NL common stock	2	98	—	—	—	100
Dividends paid - \$.28 per share	—	—	(13,672)	—	—	(13,672)
Dividends paid to noncontrolling interest	—	—	—	—	(1,555)	(1,555)
Other, net	—	172	—	—	—	172
Balance at December 31, 2023	<u>\$ 6,103</u>	<u>\$ 298,868</u>	<u>\$ 284,462</u>	<u>\$ (219,621)</u>	<u>\$ 21,950</u>	<u>\$ 391,762</u>

See accompanying Notes to Consolidated Financial Statements.

NL INDUSTRIES, INC. AND SUBSIDIARIES
CONSOLIDATED STATEMENTS OF CASH FLOWS

(In thousands)

	Years ended December 31,		
	2021	2022	2023
Cash flows from operating activities:			
Net income	\$ 53,360	\$ 36,456	\$ 582
Depreciation and amortization	3,839	3,977	3,973
Deferred income taxes	7,453	2,291	(7,308)
Equity in (earnings) losses of Kronos Worldwide, Inc.	(34,323)	(31,873)	15,003
Dividends received from Kronos Worldwide, Inc.	25,356	26,766	26,766
Marketable equity securities	(16,229)	8,085	8,156
Loss on pension plan termination	—	—	4,911
Benefit plan expense greater (less) than cash funding	(220)	130	461
Noncash interest income	—	(267)	(3,591)
Noncash interest expense	1,116	908	695
Other, net	(31)	(21)	247
Change in assets and liabilities:			
Accounts and other receivables, net	(4,488)	(2,275)	754
Inventories, net	(7,479)	(5,832)	333
Prepaid expenses and other	(991)	353	42
Accounts payable and accrued liabilities	(9,386)	(10,398)	(12,624)
Accounts with affiliates	279	(662)	578
Accrued environmental remediation and related costs	(476)	(582)	(1,252)
Other noncurrent assets and liabilities, net	(171)	(125)	(723)
	<u>17,609</u>	<u>26,931</u>	<u>37,003</u>
Net cash provided by operating activities			
Cash flows from investing activities:			
Capital expenditures	(4,094)	(3,695)	(1,130)
Marketable securities:			
Purchases	—	(69,959)	(61,366)
Proceeds from maturities	—	—	82,000
Note receivable from affiliate:			
Collections	40,600	29,800	30,500
Loans	(29,800)	(24,300)	(27,900)
Other, net	2	284	—
	<u>6,708</u>	<u>(67,870)</u>	<u>22,104</u>
Net cash provided by (used in) investing activities			
Cash flows from financing activities:			
Dividends paid	(11,712)	(30,753)	(13,672)
Subsidiary treasury stock acquired	(1,311)	(1,744)	—
Dividends paid to noncontrolling interests in subsidiary	(1,324)	(4,304)	(1,555)
	<u>(14,347)</u>	<u>(36,801)</u>	<u>(15,227)</u>
Net cash used in financing activities			

NL INDUSTRIES, INC. AND SUBSIDIARIES
CONSOLIDATED STATEMENTS OF CASH FLOWS (CONTINUED)

(In thousands)

	Years ended December 31,		
	2021	2022	2023
Cash and cash equivalents and restricted cash and cash equivalents - net change from:			
Operating, investing and financing activities	\$ 9,970	\$ (77,740)	\$ 43,880
Balance at beginning of year	165,272	175,242	97,502
Balance at end of year	<u>\$ 175,242</u>	<u>\$ 97,502</u>	<u>\$ 141,382</u>
Supplemental disclosures - cash paid (received) for:			
Interest	\$ 26	\$ 34	\$ 50
Income taxes, net	32	1,140	(300)

See accompanying Notes to Consolidated Financial Statements.

NL INDUSTRIES, INC. AND SUBSIDIARIES
NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

December 31, 2023

Note 1 - Summary of significant accounting policies:

Nature of our business - NL Industries, Inc. (NYSE: NL) is primarily a holding company. We operate in the component products industry through our majority-owned subsidiary, CompX International Inc. (NYSE American: CIX). We operate in the chemicals industry through our noncontrolling interest in Kronos Worldwide, Inc. (NYSE: KRO).

Organization - At December 31, 2023, Valhi, Inc. (NYSE: VHI) held approximately 83% of our outstanding common stock and a wholly-owned subsidiary of Contran Corporation held approximately 91% of Valhi's outstanding common stock. A majority of Contran's outstanding voting stock is held directly by Lisa K. Simmons, Thomas C. Connelly (the husband of Ms. Simmons' late sister) and various family trusts established for the benefit of Ms. Simmons, Mr. Connelly and their children and for which Ms. Simmons or Mr. Connelly, as applicable, serve as trustee (collectively, the "Other Trusts"). With respect to the Other Trusts for which Mr. Connelly serves as trustee, he is required to vote the shares of Contran voting stock held by such trusts in the same manner as Ms. Simmons. Such voting rights of Ms. Simmons last through April 22, 2030 and are personal to Ms. Simmons. The remainder of Contran's outstanding voting stock is held by another trust (the "Family Trust"), which was established for the benefit of Ms. Simmons and her late sister and their children and for which a third-party financial institution serves as trustee. Consequently, at December 31, 2023 Ms. Simmons and the Family Trust may be deemed to control Contran, and therefore may be deemed to indirectly control the wholly-owned subsidiary of Contran, Valhi and us.

Unless otherwise indicated, references in this report to "we," "us" or "our" refer to NL Industries, Inc. and its subsidiaries and affiliate, Kronos, taken as a whole.

Management's estimates - In preparing our financial statements in conformity with accounting principles generally accepted in the United States of America (GAAP), we are required to make estimates and assumptions that affect the reported amounts of our assets and liabilities and disclosures of contingent assets and liabilities at each balance sheet date and the reported amounts of our revenues and expenses during each reporting period. Actual results may differ significantly from previously-estimated amounts under different assumptions or conditions.

Principles of consolidation - Our consolidated financial statements include the financial position, results of operations and cash flows of NL and our wholly-owned and majority-owned subsidiaries, including CompX. We account for the 13% of CompX stock we do not own as a noncontrolling interest. We eliminate all material intercompany accounts and balances. Changes in ownership of our wholly-owned and majority-owned subsidiaries are accounted for as equity transactions with no gain or loss recognized on the transaction unless there is a change in control.

Currency translation - The financial statements of Kronos' non-U.S. subsidiaries are translated to U.S. dollars. The functional currency of Kronos' non-U.S. subsidiaries is generally the local currency of their country. Accordingly, Kronos translates the assets and liabilities at year-end rates of exchange, while it translates its revenues and expenses at average exchange rates prevailing during the year. We accumulate the resulting translation adjustments in stockholders' equity as part of accumulated other comprehensive income (loss), net of related deferred income taxes. Kronos recognizes currency transaction gains and losses in income which is reflected as part of our equity in earnings (losses) of Kronos.

Cash and cash equivalents - We classify bank time deposits and highly liquid investments, including government and commercial notes and bills, with original maturities of three months or less as cash equivalents.

Restricted cash and cash equivalents - We classify cash equivalents that have been segregated or are otherwise limited in use as restricted. Such restrictions include cash pledged as collateral with respect to performance obligations or letters of credit required by regulatory agencies for certain environmental remediation sites and cash pledged as collateral

with respect to certain workers compensation liabilities or legal settlements. To the extent the restricted amount relates to a recognized liability, we classify such restricted amount as either a current or noncurrent asset to correspond with the classification of the liability. To the extent the restricted amount does not relate to a recognized liability, we classify restricted cash as a current asset. Restricted cash equivalents classified as a current asset or a noncurrent asset are presented separately on our Consolidated Balance Sheets.

Marketable securities and securities transactions - We carry marketable debt and equity securities at fair value. Accounting Standards Codification (ASC) Topic 820, *Fair Value Measurements and Disclosures*, establishes a consistent framework for measuring fair value and (with certain exceptions) this framework is generally applied to all financial statement items required to be measured at fair value. The standard requires fair value measurements to be classified and disclosed in one of the following three categories:

- *Level 1* - Unadjusted quoted prices in active markets that are accessible at the measurement date for identical, unrestricted assets or liabilities;
- *Level 2* - Quoted prices in markets that are not active, or inputs which are observable, either directly or indirectly, for substantially the full term of the assets or liability; and
- *Level 3* - Prices or valuation techniques that require inputs that are both significant to the fair value measurement and unobservable.

We classify all of our marketable securities as available-for-sale. We accumulate unrealized gains and losses on marketable debt securities as part of accumulated other comprehensive income (loss), net of related deferred income taxes. We recognize unrealized gains or losses on the marketable equity securities in Marketable equity securities on our Consolidated Statements of Operations. We base realized gains and losses upon the specific identification of the securities sold. See Notes 5 and 11.

Accounts receivable - We provide an allowance for doubtful accounts for known and estimated potential losses arising from sales to customers based on a periodic review of these accounts. See Note 3.

Inventories and cost of sales - We state inventories at the lower of cost or net realizable value. We record a provision for obsolete and slow-moving inventories. We generally base inventory costs for all inventory categories on an average cost that approximates the first-in, first-out method. Inventories include the costs for raw materials, the cost to manufacture the raw materials into finished goods and overhead. Depending on the inventory's stage of completion, our manufacturing costs can include the costs of packing and finishing, utilities, maintenance and depreciation, shipping and handling, and salaries and benefits associated with our manufacturing process. We allocate fixed manufacturing overhead costs based on normal production capacity. Unallocated overhead costs resulting from periods with abnormally low production levels are charged to expense as incurred. As inventory is sold to third parties, we recognize the cost of sales in the same period that the sale occurs. We periodically review our inventory for estimated obsolescence or instances when inventory is no longer marketable for its intended use and we record any write-down equal to the difference between the cost of inventory and its estimated net realizable value based on assumptions about alternative uses, market conditions and other factors. See Note 4.

Investment in Kronos Worldwide, Inc. - We account for our 31% non-controlling interest in Kronos by the equity method. Distributions received from Kronos are classified for statement of cash flow purposes using the "nature of distribution" approach under ASC Topic 230. See Note 6.

Goodwill - Goodwill represents the excess of cost over fair value of individual net assets acquired in business combinations. Goodwill is not subject to periodic amortization. We evaluate goodwill for impairment annually, or when circumstances indicate the carrying value may not be recoverable. See Note 7.

Leases - We enter into various arrangements (or leases) that convey the rights to use and control identified underlying assets for a period of time in exchange for consideration. We lease various facilities and equipment. From time

to time, we may also enter into an arrangement in which the right to use and control an identified underlying asset is embedded in another type of contract. We determine if an arrangement is a lease (including leases embedded in another type of contract) at inception. All of our leases are classified as operating leases under ASC Topic 842 *Leases*. Operating leases are not material.

Property and equipment; depreciation expense - We state property and equipment, including purchased computer software for internal use, at cost. We compute depreciation of property and equipment for financial reporting purposes principally by the straight-line method over the estimated useful lives of 15 to 40 years for buildings and 3 to 20 years for equipment and software. We use accelerated depreciation methods for income tax purposes, as permitted. Upon sale or retirement of an asset, the related cost and accumulated depreciation are removed from the accounts and any gain or loss is recognized in income currently. Expenditures for maintenance, repairs and minor renewals are expensed; expenditures for major improvements are capitalized.

We perform impairment tests when events or changes in circumstances indicate the carrying value may not be recoverable. We consider all relevant factors. We perform impairment tests by comparing the estimated future undiscounted cash flows associated with the asset to the asset's net carrying value to determine whether impairment exists.

Employee benefit plans - Accounting and funding policies for our defined benefit pension and defined contribution retirement plans are described in Note 11. We also provide certain postretirement benefits other than pensions (OPEB), consisting of health care and life insurance benefits, to certain U.S. and Canadian retired employees, which are not material. See Note 12.

Income taxes - We, Valhi and our qualifying subsidiaries are members of Contran's consolidated U.S. federal income tax group (the Contran Tax Group) and we and certain of our qualifying subsidiaries also file consolidated unitary state income tax returns with Contran in qualifying U.S. jurisdictions. As a member of the Contran Tax Group, we are jointly and severally liable for the federal income tax liability of Contran and the other companies included in the Contran Tax Group for all periods in which we are included in the Contran Tax Group. See Note 16. As a member of the Contran Tax Group, we are party to a tax sharing agreement with Valhi and Contran which provides that we compute our provision for income taxes on a separate-company basis using the tax elections made by Contran. Pursuant to our tax sharing agreement, we make payments to or receive payments from Valhi in amounts that we would have paid to or received from the U.S. Internal Revenue Service or the applicable state tax authority had we not been a member of the Contran Tax Group. We made net payments to Valhi for income taxes of nil in 2021, \$1.1 million in 2022 and received net refunds from Valhi of \$.3 million in 2023.

We recognize deferred income tax assets and liabilities for the expected future tax consequences of temporary differences between the income tax and financial reporting carrying amounts of assets and liabilities, including investments in our subsidiaries and affiliates who are not members of the Contran Tax Group and undistributed earnings of non-U.S. subsidiaries which are not deemed to be permanently reinvested. In addition, we recognize deferred income taxes with respect to the excess of the financial reporting carrying amount over the income tax basis of our direct investment in Kronos common stock because the exemption under GAAP to avoid recognition of such deferred income taxes is not available to us. Deferred income tax assets and liabilities for each tax-paying jurisdiction in which we operate are netted and presented as either a noncurrent deferred income tax asset or liability, as applicable. We periodically evaluate our deferred tax assets in the various taxing jurisdictions in which we operate and adjust any related valuation allowance based on the estimate of the amount of such deferred tax assets that we believe does not meet the more-likely-than-not recognition criteria.

We account for the tax effects of a change in tax law as a component of the income tax provision related to continuing operations in the period of enactment, including the tax effects of any deferred income taxes originally established through a financial statement component other than continuing operations (i.e. other comprehensive income). Changes in applicable income tax rates over time as a result of changes in tax law, or times in which a deferred income tax asset valuation allowance is initially recognized in one year and subsequently reversed in a later year, can give rise to "stranded" tax effects in accumulated other comprehensive income in which the net accumulated income tax (benefit)

remaining in accumulated other comprehensive income does not correspond to the then-applicable income tax rate applied to the pre-tax amount which resides in accumulated other comprehensive income. As permitted by GAAP, our accounting policy is to remove any such stranded tax effect remaining in accumulated other comprehensive income, by recognizing an offset to our provision for income taxes related to continuing operations, only at the time when there is no remaining pre-tax amount in accumulated other comprehensive income. For accumulated other comprehensive income related to currency translation, this would occur only upon the sale or complete liquidation of one of our non-U.S. subsidiaries. For defined pension benefit plans and OPEB plans, this would occur whenever one of our subsidiaries which previously sponsored a defined benefit pension or OPEB plan had terminated such a plan and had no future obligation or plan asset associated with such a plan (such as in 2023 when we terminated our U.K. pension plan).

We record a reserve for uncertain tax positions for tax positions where we believe it is more-likely-than-not our position will not prevail with the applicable tax authorities. The amount of the benefit associated with our uncertain tax positions that we recognize is limited to the largest amount for which we believe the likelihood of realization is greater than 50%. We accrue penalties and interest on the difference between tax positions taken on our tax returns and the amount of benefit recognized for financial reporting purposes. We classify our reserves for uncertain tax positions in a separate current or noncurrent liability, depending on the nature of the tax position. See Note 13.

Environmental remediation costs - We record liabilities related to environmental remediation obligations when estimated future expenditures are probable and reasonably estimable. We adjust these accruals as further information becomes available to us or as circumstances change. We generally do not discount estimated future expenditures to present value. We recognize any recoveries of remediation costs from other parties when we deem their receipt probable. At December 31, 2022 and 2023, we had not recognized any such receivables for recoveries. We expense any environmental remediation related legal costs as incurred. See Note 16.

Net sales - Our sales involve single performance obligations to ship our products pursuant to customer purchase orders. In some cases, the purchase order is supported by an underlying master sales agreement, but our purchase order verification notice generally evidences the contract with our customer by specifying the key terms of product and quantity ordered, price and delivery and payment terms. In accordance with ASC Topic 606, *Revenue from Contracts with Customers*, we record revenue when we satisfy our performance obligations to our customers by transferring control of our products to them, which generally occurs at point of shipment or upon delivery. Such transfer of control is also evidenced by transfer of legal title and other risks and rewards of ownership (giving the customer the ability to direct the use of, and obtain substantially all of the benefits of, the product), and our customers becoming obligated to pay us and it is probable we will receive payment. In certain arrangements we provide shipping and handling activities after the transfer of control to our customer (e.g. when control transfers prior to delivery). In such arrangements shipping and handling are considered fulfillment activities, and accordingly, such costs are accrued when the related revenue is recognized.

Revenue is recorded in an amount that reflects the net consideration we expect to receive in exchange for our products. Prices for our products are based on terms specified in published list prices and purchase orders, which generally do not include financing components, noncash consideration or consideration paid to our customers. As our standard payment terms are less than one year, we have elected the practical expedient under ASC 606 and we have not assessed whether a contract has a significant financing component. We state sales net of price, early payment and distributor discounts as well as volume rebates (collectively, variable consideration). Variable consideration, to the extent present, is not material and is recognized as the amount to which we are most-likely to be entitled, using all information (historical, current and forecasted) that is reasonably available to us, and only to the extent that a significant reversal in the amount of the cumulative revenue recognized is not probable of occurring in a future period. Differences, if any, between estimates of the amount of variable consideration to which we will be entitled and the actual amount of such variable consideration have not been material in the past. We occasionally receive partial or full consideration from our customers prior to the completion of our performance obligation (shipment of product). We record estimated deferred revenue on the amount to which we are most likely to be entitled and deferred revenue is recognized into revenue as our performance obligation has been satisfied. Deferred revenue has not been material in the past. We report any tax assessed by a governmental authority that we collect from our customers that is both imposed on and concurrent with our revenue-producing activities (such as

sales, use, value added and excise taxes) on a net basis (meaning we do not recognize these taxes either in our revenues or in our costs and expenses).

Frequently, we receive orders for products to be delivered over dates that may extend across reporting periods. We invoice for each delivery upon shipment and recognize revenue for each distinct shipment when all sales recognition criteria for that shipment have been satisfied. As scheduled delivery dates for these orders are within a one year period, under the optional exemption provided by ASC 606, we do not disclose sales allocated to future shipments of partially completed contracts.

Selling, general and administrative expenses; advertising costs; research and development costs - Selling, general and administrative expenses include costs related to marketing, sales, distribution, research and development, and administrative functions such as accounting, treasury and finance, as well as costs for salaries and benefits, travel and entertainment, promotional materials and professional fees. We expense advertising costs and research and development costs as incurred. Advertising and research and development costs were not significant in any year presented.

Corporate expenses - Corporate expenses include environmental, legal and other costs attributable to formerly-owned business units.

Note 2 - Business and geographic information:

We operate in the security products industry and marine components industry through our majority ownership of CompX. CompX manufactures and sells security products including locking mechanisms and other security products for sale to the postal, transportation, office and institutional furniture, cabinetry, tool storage, healthcare and other industries. CompX also manufactures and distributes wake enhancement systems, stainless steel exhaust systems, gauges, throttle controls, trim tabs and related hardware and accessories primarily for ski/wakeboard boats and performance boats.

The following table disaggregates our net sales by reporting unit, which are the categories that depict how the nature, amount, timing and uncertainty of revenue and cash flows are affected by economic factors (as required by ASC 606).

	Years ended December 31,		
	2021	2022	2023
	(In thousands)		
Net sales:			
Security Products	\$ 105,124	\$ 114,519	\$ 121,182
Marine Components	35,691	52,043	40,105
Total	<u>\$ 140,815</u>	<u>\$ 166,562</u>	<u>\$ 161,287</u>

For geographic information, the point of origin (place of manufacture) for all net sales is the U.S., the point of destination for net sales is based on the location of the customer.

	Years ended December 31,		
	2021	2022	2023
	(In thousands)		
Net sales - point of destination:			
United States	\$ 129,160	\$ 153,982	\$ 155,092
Canada	8,061	9,227	3,153
Mexico	589	722	829
Other	3,005	2,631	2,213
Total	<u>\$ 140,815</u>	<u>\$ 166,562</u>	<u>\$ 161,287</u>

Note 3 - Accounts and other receivables, net:

	December 31,	
	2022	2023
	(In thousands)	
Trade receivables - CompX	\$ 17,910	\$ 17,131
Other receivables	30	40
Allowance for doubtful accounts	(70)	(70)
Total	<u>\$ 17,870</u>	<u>\$ 17,101</u>

Accrued insurance recoveries are discussed in Note 16.

Note 4 - Inventories, net:

	December 31,	
	2022	2023
	(In thousands)	
Raw materials	\$ 6,245	\$ 5,738
Work in process	19,983	19,042
Finished products	5,062	5,932
Total	<u>\$ 31,290</u>	<u>\$ 30,712</u>

Note 5 - Marketable securities:

Our current marketable securities are invested in U.S. government treasuries with original maturities ranging in length from 4 months to 12 months. The fair value of our current marketable securities are determined using Level 2 inputs (because although these securities are traded, in many cases the market is not active and the year-end valuation is generally based on the last trade of the year, which may be several days prior to December 31).

Our noncurrent marketable securities consist of investments in the publicly-traded shares of our immediate parent company Valhi, Inc. Our shares of Valhi common stock are accounted for as available-for-sale securities, which are carried at fair value using quoted market prices in active markets and represent a Level 1 input within the fair value hierarchy.

	Fair value measurement level	Market value	Cost or amortized cost	Unrealized gain (loss)
			(In thousands)	
December 31, 2022				
Current assets - fixed income securities	2	<u>\$ 70,164</u>	<u>\$ 70,226</u>	<u>\$ (62)</u>
Noncurrent assets				
Valhi common stock	1	<u>\$ 26,350</u>	<u>\$ 24,347</u>	<u>\$ 2,003</u>
December 31, 2023				
Current assets - fixed income securities	2	<u>\$ 53,149</u>	<u>\$ 53,181</u>	<u>\$ (32)</u>
Noncurrent assets				
Valhi common stock	1	<u>\$ 18,194</u>	<u>\$ 24,347</u>	<u>\$ (6,153)</u>

At December 31, 2022 and 2023, we held approximately 1.2 million shares of our immediate parent company, Valhi. See Note 1. The per share quoted market price of Valhi common stock at December 31, 2022 and 2023 was \$22.00 and \$15.19, respectively.

The Valhi common stock we own is subject to the restrictions on resale pursuant to certain provisions of the SEC Rule 144. In addition, as a majority-owned subsidiary of Valhi we cannot vote our shares of Valhi common stock under Delaware General Corporation Law, but we do receive dividends from Valhi on these shares, when declared and paid.

Note 6 - Investment in Kronos Worldwide, Inc.:

At December 31, 2022 and 2023, we owned approximately 35.2 million shares of Kronos common stock. The per share quoted market price of Kronos common stock at December 31, 2022 and 2023 was \$9.40 and \$9.94 per share, respectively, or an aggregate market value of \$331.1 million and \$350.1 million, respectively. The change in the carrying value of our investment in Kronos during the past three years is summarized below:

	Years ended December 31,		
	2021	2022	2023
	(In millions)		
Balance at the beginning of the period	\$ 242.4	\$ 264.8	\$ 292.2
Equity in earnings (loss) of Kronos	34.3	31.9	(15.0)
Dividends received from Kronos	(25.4)	(26.8)	(26.8)
Equity in Kronos' other comprehensive income (loss):			
Currency translation	(2.1)	(8.8)	1.1
Defined benefit pension plans	15.6	30.9	(3.9)
Other postretirement benefit plans	—	—	(.1)
Other	—	.2	.1
Balance at the end of the period	<u>\$ 264.8</u>	<u>\$ 292.2</u>	<u>\$ 247.6</u>

Selected financial information of Kronos is summarized below:

	December 31,	
	2022	2023
	(In millions)	
Current assets	\$ 1,242.2	\$ 1,117.4
Property and equipment, net	484.5	482.9
Investment in TiO ₂ joint venture	112.9	111.0
Other noncurrent assets	94.8	126.7
Total assets	<u>\$ 1,934.4</u>	<u>\$ 1,838.0</u>
Current liabilities	\$ 326.7	\$ 370.8
Long-term debt	424.1	440.9
Accrued pension costs	128.6	150.0
Other noncurrent liabilities	97.8	68.0
Stockholders' equity	957.2	808.3
Total liabilities and stockholders' equity	<u>\$ 1,934.4</u>	<u>\$ 1,838.0</u>

	Years ended December 31,		
	2021	2022	2023
	(In millions)		
Net sales	\$ 1,939.4	\$ 1,930.2	\$ 1,666.5
Cost of sales	1,493.2	1,539.1	1,501.6
Income (loss) from operations	187.1	159.6	(56.0)
Income tax expense (benefit)	40.5	29.4	(23.8)
Net income (loss)	112.9	104.5	(49.1)

Note 7 - Goodwill:

All of our goodwill is related to our component products operations and was generated from CompX's acquisitions of certain business units. There have been no changes in the carrying amount of our goodwill during the past three years.

We assign goodwill based on the reporting unit (as that term is defined in ASC Topic 350-20-20 *Goodwill*) which corresponds to CompX's security products operations. We test for goodwill impairment at the reporting unit level. In accordance with ASC 350-20-35, we test for goodwill impairment during the third quarter of each year or when circumstances arise that indicate an impairment might be present.

In 2021, 2022 and 2023, our goodwill was tested for impairment only in the third quarter of each year in connection with our annual testing. No impairment was indicated as part of such annual review of goodwill. As permitted by GAAP, during 2021, 2022 and 2023 we used the qualitative assessment of ASC 350-20-35 for our annual impairment test and determined it was not necessary to perform the quantitative goodwill impairment test. Prior to 2021, all of the goodwill related to CompX's marine components operations (which aggregated \$10.1 million) was impaired, and all of the goodwill related to our wholly-owned subsidiary EWI Re, Inc., (EWI) which was formerly an insurance brokerage and risk management services company (which aggregated \$6.4 million), was impaired. Our gross goodwill at December 31, 2023 was \$43.7 million.

Note 8 - Other assets, net:

	December 31,	
	2022	2023
	(In thousands)	
Pension asset	\$ 1,105	\$ —
Other	1,418	2,060
Total	\$ 2,523	\$ 2,060

Note 9 - Accrued and other current liabilities:

	December 31,	
	2022	2023
	(In thousands)	
Employee benefits	\$ 11,023	\$ 11,290
Other	2,370	1,892
Total	\$ 13,393	\$ 13,182

Note 10 - Long-term debt:

In November 2016, we entered into a financing transaction with Valhi. Previously, and in contemplation of the financing transaction described herein, we formed NLKW Holding, LLC and capitalized it with 35.2 million shares of the common stock of Kronos held by us.

The financing transaction consisted of two steps. Under the first step, NLKW entered into a \$50 million revolving credit facility (the "Valhi Credit Facility") pursuant to which NLKW can borrow up to \$50 million from Valhi (with such commitment amount subject to increase from time to time at Valhi's sole discretion). Proceeds from any borrowings by NLKW under the Valhi Credit Facility would be available for one or more loans from NLKW to us in accordance with the terms of the second step of the financing transaction: a Back-to-Back Credit Facility, as described below. Outstanding borrowings under the Valhi Credit Facility bear interest at the prime rate plus 1.875% per annum, payable quarterly, with all amounts due on the maturity date. The maximum principal amount which may be outstanding from time-to-time under the Valhi Credit Facility is limited to 50% of the amount determined by multiplying the number of shares of Kronos common stock pledged by the most recent closing price of such security on the New York Stock Exchange. Borrowings under the Valhi Credit Facility are collateralized by the assets of NLKW (consisting primarily of the shares of Kronos common stock pledged) and 100% of the membership interest in NLKW held by us. The Valhi Credit Facility contains a number of covenants and restrictions which, among other things, restrict NLKW's ability to incur additional debt, incur liens, and merge or consolidate with, or sell or transfer substantially all of NLKW's assets to, another entity, and require NLKW to maintain a minimum specified level of consolidated net worth. Upon an event of default, Valhi will be entitled to terminate its commitment to make further loans to NLKW, to declare the outstanding loans (with interest) immediately due and payable, and, in the case of certain insolvency events with respect to NLKW or us, to exercise its rights with respect to the collateral. Such collateral rights include the right to purchase all of the shares of Kronos common stock pledged at a purchase price equal to the aggregate market value of such stock (with such market value determined by an independent third-party valuation provider), less amounts owing to Valhi under the Valhi Credit Facility, with up to 50% of such purchase price being payable by Valhi in the form of an unsecured promissory note bearing interest at the prime rate plus 2.75% per annum, payable quarterly, with all amounts due no later than five years from the date of purchase, and with the remainder of such purchase price payable in cash at the date of purchase.

Contemporaneously with the entering into the Valhi Credit Facility, NLKW entered into a \$50 million revolving credit facility (the "Back-to-Back Credit Facility") with us, pursuant to which we can borrow up to \$50 million from NLKW (with such commitment amount subject to increase from time to time at NLKW's sole discretion). Proceeds from any borrowings under the Back-to-Back Credit Facility would be available for our general corporate purposes, including providing resources to assist us in the resolution of certain claims and contingent liabilities which may be asserted against us. Outstanding borrowings under the Back-to-Back Credit Facility bear interest at the same rate and are payable on the same maturity date as are borrowings by NLKW under the Valhi Credit Facility. Borrowings under the Back-to-Back Credit Facility are on an unsecured basis; however, as a condition thereto, we pledged to Valhi as collateral for the Valhi Credit Facility our 100% membership interest in NLKW. Any outstanding borrowings and interest on such borrowings under the Back-to-Back Credit Facility are eliminated in the preparation of the consolidated financial statements.

In November 2022, NLKW and Valhi entered into a first amendment to the Valhi Credit Facility to extend the latest maturity date (and consequently the latest borrowing date) under the Valhi Credit Facility from December 31, 2023 to December 31, 2030; and NLKW and NL entered into a first amendment to the Back-to-Back Credit Facility to extend the latest maturity date (and consequently the latest borrowing date) under the Back-to-Back Credit Facility from December 31, 2023 to December 31, 2030. The related collateral arrangements remained unchanged by these amendments.

We had outstanding borrowings under the Valhi Credit Facility of \$.5 million as of December 31, 2022 and 2023. The interest rate as of December 31, 2023 was 10.4% and the average interest rate for the year then ended was 10.1%. See Note 15. NLKW is in compliance with all of the covenants contained in the Valhi Credit Facility at December 31, 2023.

Note 11 - Employee benefit plans:

Defined contribution plans - We maintain various defined contribution pension plans. Company contributions are based on matching or other formulas. Defined contribution plan expense approximated \$3.7 million in 2021 and \$3.9 million in each of 2022 and 2023.

Defined benefit pension plans - We maintain a defined benefit pension plan in the U.S. The benefits under our defined benefit plan is based upon years of service and employee compensation. The plan is closed to new participants and no additional benefits accrue to existing plan participants. Our funding policy is to contribute annually the minimum amount required under ERISA (or equivalent non-U.S.) regulations plus additional amounts as we deem appropriate.

We previously maintained a defined benefit pension plan in the U.K. related to a former disposed U.K. business unit. In accordance with applicable U.K. pension regulations, we entered into an agreement in March 2021 for the bulk annuity purchase, or “buy-in”, with a specialist insurer of defined benefit pension plans. Following the buy-in, individual policies replaced the bulk annuity policy in a “buy-out” which was completed as of May 1, 2023. The buy-out was completed with existing plan funds. At the completion of the buy-out, the assets and liabilities of the U.K. pension plan were removed from our Consolidated Financial Statements and a non-cash pension plan termination loss of \$4.9 million was recognized in the second quarter of 2023.

We expect to contribute approximately \$1.0 million to our defined benefit pension plan during 2024. Benefit payments to all plan participants out of plan assets are expected to be the equivalent of:

Years ending December 31,	Amount
	(In thousands)
2024	\$ 3,012
2025	2,923
2026	2,849
2027	2,766
2028	2,668
Next 5 years	11,725

The funded status of our defined benefit pension plans is presented in the table below.

	December 31,	
	2022	2023
(In thousands)		
Change in projected benefit obligations (PBO):		
Benefit obligations at beginning of the year	\$ 50,367	\$ 36,090
Interest cost	1,138	1,619
Plan settlement	(188)	(5,537)
Actuarial (gains) losses	(10,777)	265
Change in currency exchange rates	(965)	116
Benefits paid	(3,485)	(3,115)
Benefit obligations at end of the year	<u>36,090</u>	<u>29,438</u>
Change in plan assets:		
Fair value of plan assets at beginning of the year	47,940	34,126
Actual return on plan assets	(10,263)	2,009
Employer contributions	1,228	196
Plan settlement	(188)	(5,537)
Change in currency exchange rates	(1,106)	131
Benefits paid	(3,485)	(3,115)
Fair value of plan assets at end of year	<u>34,126</u>	<u>27,810</u>
Funded status	<u>\$ (1,964)</u>	<u>\$ (1,628)</u>
Amounts recognized in the balance sheet:		
Noncurrent pension asset	\$ 1,105	\$ —
Accrued pension costs:		
Current	(57)	(57)
Noncurrent	(3,012)	(1,571)
Total	<u>(1,964)</u>	<u>(1,628)</u>
Accumulated other comprehensive loss - actuarial losses, net	27,530	21,802
Total	<u>\$ 25,566</u>	<u>\$ 20,174</u>
Accumulated benefit obligations (ABO)	<u>\$ 36,090</u>	<u>\$ 29,438</u>

The amounts shown in the table above for actuarial (gains) losses at December 31, 2022 and 2023 have not been recognized as components of our periodic defined benefit pension cost as of those dates. These amounts will be recognized as components of our periodic defined benefit cost in future years. These amounts, net of deferred income taxes, are recognized in our accumulated other comprehensive income (loss) at December 31, 2022 and 2023.

The total net underfunded status of our defined benefit pension plans decreased from \$2.0 million at December 31, 2022 to \$1.6 million at December 31, 2023 due to the change in our plan assets exceeding the change in our PBO during 2023. Plan assets increased relative to our PBO primarily due to improved returns on plan assets during 2023.

The table below details the changes in other comprehensive income (loss) during 2021, 2022 and 2023.

	Years ended December 31,		
	2021	2022	2023
	(In thousands)		
Changes in plan assets and benefit obligations recognized in other comprehensive income:			
Net actuarial gain (loss) arising during the year	\$ 1,618	\$ (1,034)	\$ (574)
Plan settlement	—	104	4,911
Amortization of unrecognized net actuarial gain (loss)	(1,562)	1,664	1,391
Total	<u>\$ 56</u>	<u>\$ 734</u>	<u>\$ 5,728</u>

The components of our net periodic defined benefit pension cost are presented in the table below. The amounts shown below for recognized actuarial losses in 2021, 2022 and 2023, net of deferred income taxes, was recognized as a component of our accumulated other comprehensive income at December 31, 2020, 2021 and 2022, respectively.

	Years ended December 31,		
	2021	2022	2023
	(In thousands)		
Net periodic pension cost:			
Interest cost	\$ 947	\$ 1,138	\$ 1,619
Expected return on plan assets	(1,603)	(1,552)	(1,452)
Plan settlement	—	104	4,911
Recognized actuarial losses	1,562	1,664	1,391
Total	<u>\$ 906</u>	<u>\$ 1,354</u>	<u>\$ 6,469</u>

Certain information concerning our defined benefit pension plans (including information concerning certain plans for which ABO exceeds the fair value of plan assets as of the indicated date) is presented in the table below. As discussed above, our U.K. plan was terminated in the second quarter of 2023.

	December 31,	
	2022	2023
	(In thousands)	
PBO at end of the year:		
U.S. plan	\$ 30,254	\$ 29,438
U.K. plan	5,836	—
Total	<u>\$ 36,090</u>	<u>\$ 29,438</u>
Fair value of plan assets at end of the year:		
U.S. plan	\$ 27,185	\$ 27,810
U.K. plan	6,941	—
Total	<u>\$ 34,126</u>	<u>\$ 27,810</u>
Plans for which the ABO exceeds plan assets (only our U.S. plan):		
PBO	\$ 30,254	\$ 29,438
ABO	30,254	29,438
Fair value of plan assets	27,185	27,810

The weighted-average discount rate assumptions used in determining the actuarial present value of our benefit obligations as of December 31, 2022 and 2023 are 5.1% and 5.0%, respectively. Such weighted-average rates were determined using the projected benefit obligations at each date. Since our plans are closed to new participants and no new additional benefits accrue to existing plan participants, assumptions regarding future compensation levels are not

applicable. Consequently, the accumulated benefit obligations for all of our defined benefit pension plans were equal to the projected benefit obligations at December 31, 2022 and 2023.

The weighted-average rate assumptions used in determining the net periodic pension cost for 2021, 2022 and 2023 are presented in the table below. Such weighted-average discount rates were determined using the projected benefit obligations as of the beginning of each year and the weighted-average long-term return on plan assets was determined using the fair value of plan assets as of the beginning of each year.

Rate	Years ended December 31,		
	2021	2022	2023
Discount rate	2.1 %	2.3 %	5.1 %
Long-term rate of return on plan assets	3.3 %	3.3 %	4.9 %

Variances from actuarially assumed rates will result in increases or decreases in accumulated pension obligations, pension expense and funding requirements in future periods.

In determining the expected long-term rate of return on our U.S. and our previously maintained non-U.S. plan asset assumptions, we consider the long-term asset mix (e.g. equity vs. fixed income) for the assets for each of our plans and the expected long-term rates of return for such asset components. In addition, we receive third-party advice about appropriate long-term rates of return. In the U.S. we currently have a plan asset target allocation of 33% to equity securities, 59% to fixed income securities, and the remainder is allocated to multi-asset and other strategies. The expected long-term rate of return for such investments is approximately 7% and 5%, respectively (before plan administrative expenses). Approximately 98% of our U.S. plan assets are invested in funds that are valued at net asset value (NAV) and, in accordance with ASC 820-10, not subject to classification in the fair value hierarchy. During 2022 and through plan termination in 2023, the non-U.S. plan assets were invested primarily in insurance contracts and were a Level 3 input.

We regularly review our actual asset allocation for each plan, and will periodically rebalance the investments in each plan to more accurately reflect the targeted allocation and/or maximize the overall long-term return when considered appropriate.

The composition of our pension plan assets by fair value level at December 31, 2022 and 2023 is shown in the tables below.

	Fair Value Measurements				Assets measured at NAV
	Total	Quoted prices in active markets (Level 1)	Significant other observable inputs (Level 2) (In thousands)	Significant unobservable inputs (Level 3)	
December 31, 2022:					
U.S.:					
Equities	\$ 8,591	\$ 694	\$ —	\$ —	\$ 7,897
Fixed income	15,954	149	—	—	15,805
Cash and other	2,640	1,903	—	44	693
U.K. - Other	6,941	1,104	—	5,837	—
Total	<u>\$ 34,126</u>	<u>\$ 3,850</u>	<u>\$ —</u>	<u>\$ 5,881</u>	<u>\$ 24,395</u>

As noted above, in March 2021 we purchased a bulk annuity for our U.K. pension plan and such annuity is considered a Level 3 asset included with “U.K. – Other” in the table above.

	Fair Value Measurements				Assets measured at NAV
	Total	Quoted prices in active markets (Level 1)	Significant other observable inputs (Level 2) (In thousands)	Significant unobservable inputs (Level 3)	
December 31, 2023:					
U.S.:					
Equities	\$ 7,786	\$ —	\$ —	\$ —	\$ 7,786
Fixed income	18,733	—	—	—	18,733
Cash and other	1,291	489	—	41	761
Total	<u>\$ 27,810</u>	<u>\$ 489</u>	<u>\$ —</u>	<u>\$ 41</u>	<u>\$ 27,280</u>

Note 12 - Other noncurrent liabilities:

	December 31,	
	2022	2023
	(In thousands)	
Reserve for uncertain tax positions	\$ 2,714	\$ 3,707
OPEB	637	524
Insurance claims and expenses	625	579
Other	303	264
Total	<u>\$ 4,279</u>	<u>\$ 5,074</u>

Our reserve for uncertain tax positions is discussed in Note 13.

Note 13 - Income taxes:

The provision for income taxes and the difference between the provision for income taxes and the amount that would be expected using the U.S. federal statutory income tax rate are presented below.

	Years ended December 31,		
	2021	2022	2023
	(In thousands)		
Expected tax expense (benefit), at U.S. federal statutory income tax rate of 21%	\$ 12,776	\$ 8,241	\$ (1,348)
Nontaxable dividends received from Kronos	(5,325)	(5,621)	(5,621)
U.S. state income taxes and other, net	28	165	(32)
Income tax expense (benefit)	<u>\$ 7,479</u>	<u>\$ 2,785</u>	<u>\$ (7,001)</u>
Components of income tax expense (benefit):			
Currently payable	\$ 26	\$ 495	\$ 307
Deferred income tax expense (benefit)	7,453	2,290	(7,308)
Income tax expense (benefit)	<u>\$ 7,479</u>	<u>\$ 2,785</u>	<u>\$ (7,001)</u>
Comprehensive provision (benefit) for income taxes allocable to:			
Net income	\$ 7,479	\$ 2,785	\$ (7,001)
Other comprehensive income:			
Currency translation	(429)	(1,849)	241
Pension plans	3,252	6,542	(291)
OPEB plans	(44)	69	(35)
Total	<u>\$ 10,258</u>	<u>\$ 7,547</u>	<u>\$ (7,086)</u>

In accordance with GAAP, we recognize deferred income taxes on our undistributed equity in earnings (losses) of Kronos. Because we and Kronos are part of the same U.S. federal income tax group, any dividends we receive from Kronos are nontaxable to us. Accordingly, we do not recognize and we are not required to pay income taxes on dividends from Kronos. We received aggregate dividends from Kronos of \$25.4 million in 2021, and \$26.8 million in each of 2022 and 2023. See Note 6.

The components of the net deferred tax liability at December 31, 2022 and 2023 are summarized in the following table.

	December 31,			
	2022		2023	
	Assets	Liabilities	Assets	Liabilities
	(In thousands)			
Tax effect of temporary differences related to:				
Inventories	\$ 369	\$ —	\$ 373	\$ —
Marketable securities	—	(5,290)	—	(3,586)
Property and equipment	—	(2,025)	—	(1,467)
Accrued OPEB costs	168	—	139	—
Accrued pension costs	412	—	124	—
Accrued employee benefits	1,342	—	1,421	—
Accrued environmental liabilities	24,332	—	21,332	—
Goodwill	—	(1,693)	—	(1,693)
Other accrued liabilities and deductible differences	161	—	149	—
Other taxable differences	—	(2,391)	—	(2,392)
Investment in Kronos Worldwide, Inc.	—	(65,504)	—	(56,133)
Adjusted gross deferred tax assets (liabilities)	26,784	(76,903)	23,538	(65,271)
Netting of items by tax jurisdiction	(26,784)	26,784	(23,538)	23,538
Net noncurrent deferred tax liability	<u>\$ —</u>	<u>\$ (50,119)</u>	<u>\$ —</u>	<u>\$ (41,733)</u>

At December 31, 2023, we have a deferred tax asset relating to our NOL carryforwards for federal income tax purposes of \$3.6 million all of which have an indefinite carryforward period subject to an 80% annual usage limitation. Our deferred tax asset for such NOL carryforward is net of a portion of our uncertain tax positions as discussed below.

We believe we have adequate accruals for additional taxes and related interest expense which could ultimately result from tax examinations. We believe the ultimate disposition of tax examinations should not have a material adverse effect on our consolidated financial position, results of operations or liquidity.

At December 31, 2021, 2022, and 2023, the gross amount of our uncertain tax positions (exclusive of the effect of interest and penalties) was \$7.3 million, and this amount has not changed during the past three years. Previously, we made certain pro-rata distributions to our stockholders in the form of Kronos common stock and we recognized a taxable gain related to such distributions. Our uncertain tax positions are attributable to such prior period distribution of Kronos common stock. As discussed in Note 1, we are part of the Contran Tax Group and we have not paid this liability because Contran has not paid the liability to the applicable tax authority. This liability would be payable by Contran to the applicable tax authority only if the shares of Kronos common stock were to be sold or otherwise disposed outside of the Contran Tax Group. At December 31, 2023, \$3.6 million of our uncertain tax position is classified as a component of our noncurrent deferred tax liability. If our uncertain tax position at December 31, 2023 was recognized, a benefit of \$7.3 million would affect our effective income tax rate. We currently estimate that our unrecognized tax benefits will not change materially during the next twelve months.

We and Contran file income tax returns in U.S. federal and various state and local jurisdictions. Our U.S. income tax returns prior to 2020 are generally considered closed to examination by applicable tax authorities.

Income tax matters related to Kronos

Kronos periodically reviews its deferred tax assets (“DTA”) to determine if a valuation allowance is required. At December 31, 2023, Kronos has German corporate and trade net operating loss (“NOL”) carryforwards of \$478.7 million (DTA of \$75.8 million) and \$54.5 million (DTA of \$5.9 million), respectively; Belgian corporate NOL carryforwards of \$47.0 million (DTA of \$11.8 million) and Canadian corporate and provincial NOL carryforwards of \$31.5 million (DTA of \$4.7 million) and \$34.9 million (DTA of \$4.0 million), respectively.

Kronos has concluded that no deferred income tax asset valuation allowance is required to be recognized with respect to such carryforwards, principally because (i) such carryforwards have lengthy carryforward periods (the German and Belgian carryforwards may be carried forward indefinitely and the Canadian carryforwards may be carried forward 20 years), (ii) Kronos has utilized a portion of such carryforwards during the most recent three-year period and (iii) Kronos currently expects to utilize the remainder of such carryforwards over the long term. However, prior to the complete utilization of such carryforwards, if Kronos were to generate additional losses in its German, Belgian or Canadian operations for an extended period of time, or if applicable laws were to change such that the carryforward periods were more limited, it is possible that it might conclude the benefit of such carryforwards would no longer meet the more-likely-than-not recognition criteria, at which point Kronos would be required to recognize a valuation allowance against some or all of the then-remaining tax benefit associated with the carryforwards.

The 2017 Tax Act limited Kronos’ business interest expense to the sum of its business interest income and 30% of its adjusted taxable income as defined in the Tax Act. Any business interest expense disallowed as a deduction as a result of the limitation may be carried forward indefinitely. At December 31, 2022 and December 31, 2023, Kronos has recorded deferred tax assets of \$9 million and \$3.5 million, respectively, for the carryforwards associated with the nondeductible portion of its interest expense and has concluded it is required to recognize a valuation allowance for such deferred tax asset under the more-likely-than-not recognition criteria. During 2023, Kronos recognized a non-cash deferred income tax expense of \$2.6 million with respect to the valuation allowance recorded on additional interest expense carryforwards.

Prior to the enactment of the 2017 Tax Act, the undistributed earnings of Kronos’ European subsidiaries were deemed to be permanently reinvested (Kronos had not made a similar determination with respect to the undistributed earnings of its Canadian subsidiary). Pursuant to the one-time repatriation tax (Transition Tax) provisions of the 2017 Tax Act which imposed a one-time repatriation tax on post-1986 undistributed earnings, Kronos recognized current income tax expense of \$74.5 million and elected to pay such tax in annual installments over an eight-year period beginning in 2018. At December 31, 2023 the balance of its unpaid Transition Tax is \$33.5 million, with two remaining payments of \$14.9 million due in 2024 and \$18.6 million due in 2025. The payments are recorded as a current and noncurrent payable to affiliate (income taxes payable to Valhi) on Kronos’ Consolidated Balance Sheet at December 31, 2023.

Tax authorities are examining certain of Kronos’ U.S. and non-U.S. tax returns and may propose tax deficiencies, including penalties and interest. Because of the inherent uncertainties involved in settlement initiatives and court and tax proceedings, Kronos cannot guarantee that these tax matters, if any, will be resolved in Kronos’ favor, and therefore its potential exposure, if any, is also uncertain. Kronos believes it has adequate accruals for additional taxes and related interest expense which could ultimately result from tax examinations. Kronos believes the ultimate disposition of tax examinations should not have a material adverse effect on its consolidated financial position, results of operations or liquidity.

Note 14 - Stockholders’ equity:

Long-term incentive compensation plan – Prior to 2021, our board of directors adopted a plan that provided for the award of stock to our board of directors, and up to a maximum of 200,000 shares could be awarded. We awarded 13,750 shares in 2021, 15,000 shares in 2022 and 17,750 shares in 2023 under this plan. In February 2023, our board of directors voted to replace the existing director stock plan with a new plan that would provide for the award of stock to non-employee members of our board of directors, and up to a maximum of 200,000 shares could be awarded. The new

plan was approved at our May 2023 shareholder meeting, and the prior director stock plan terminated effective June 30, 2023. At December 31, 2023, 200,000 shares were available for future award under this new plan.

Long-term incentive compensation plans of subsidiaries and affiliates - CompX and Kronos each have a share-based incentive compensation plan pursuant to which an aggregate of up to 200,000 shares of their common stock can be awarded to members of their board of directors. At December 31, 2023, Kronos had 97,100 shares available for award and CompX had 124,450 shares available for award.

Dividends - Our board of directors approved and we paid quarterly dividends per share to stockholders of \$.06 in 2021 aggregating \$11.7 million and \$.07 in each of 2022 and 2023 aggregating \$13.7 million in each year. In addition, our board of directors declared a special dividend on our common stock which totaled \$17.1 million (\$.35 per share) that we paid on August 31, 2022. The declaration and payment of future dividends, and the amount thereof, is discretionary and is dependent upon our financial condition, cash requirements, contractual obligations and restrictions and other factors deemed relevant by our board of directors. The amount and timing of past dividends is not necessarily indicative of the amount or timing of any future dividends which might be paid. There are currently no contractual restrictions on the amount of dividends which we may pay.

Accumulated other comprehensive loss - Changes in accumulated other comprehensive loss attributable to NL stockholders, including amounts resulting from our investment in Kronos Worldwide (see Note 6), are presented in the table below.

	Years ended December 31,		
	2021	2022	2023
	(In thousands)		
Accumulated other comprehensive loss, net of tax:			
Currency translation:			
Balance at beginning of period	\$ (169,575)	\$ (171,235)	\$ (178,191)
Other comprehensive income (loss)	(1,660)	(6,956)	1,072
Balance at end of period	<u>\$ (171,235)</u>	<u>\$ (178,191)</u>	<u>\$ (177,119)</u>
Defined benefit pension plans:			
Balance at beginning of period	\$ (80,704)	\$ (68,468)	\$ (43,857)
Other comprehensive income (loss):			
Amortization of prior service cost and net losses included in net periodic pension cost	4,813	3,592	1,436
Net actuarial gain (loss) arising during the year	7,423	20,881	(3,094)
Plan settlement	—	138	4,142
Balance at end of period	<u>\$ (68,468)</u>	<u>\$ (43,857)</u>	<u>\$ (41,373)</u>
OPEB plans:			
Balance at beginning of period	\$ (910)	\$ (1,053)	\$ (893)
Other comprehensive income (loss):			
Amortization of net gain included in net periodic OPEB cost	(143)	(369)	(357)
Net actuarial gain arising during the year	—	529	136
Balance at end of period	<u>\$ (1,053)</u>	<u>\$ (893)</u>	<u>\$ (1,114)</u>
Marketable debt securities:			
Balance at beginning of period	\$ —	\$ —	\$ (50)
Other comprehensive income (loss) - unrealized gain (loss) arising the period.	—	(50)	35
Balance at end of period	<u>\$ —</u>	<u>\$ (50)</u>	<u>\$ (15)</u>
Total accumulated other comprehensive loss:			
Balance at beginning of period	\$ (251,189)	\$ (240,756)	\$ (222,991)
Other comprehensive income	10,433	17,765	3,370
Balance at end of period	<u>\$ (240,756)</u>	<u>\$ (222,991)</u>	<u>\$ (219,621)</u>

See Note 5 for further discussion on our marketable securities and Note 11 for amounts related to our defined benefit pension plans.

Other – During 2022, we purchased 2,000 shares of our common stock from Kronos for a nominal amount in a private transaction that was approved in advance by our independent directors. We cancelled these treasury shares and allocated their cost to common stock at par value and additional paid-in capital.

During 2022, CompX acquired 78,900 shares of its Class A common stock for an aggregate amount of approximately \$1.7 million under prior repurchase authorizations. Of these shares, 70,000 shares were purchased in a market transaction, and 8,900 shares were purchased from two of its affiliates in two separate private transactions that were also approved in advance by CompX's independent directors. During 2021, CompX purchased 75,000 shares of its

Class A common stock in a market transaction for approximately \$1.3 million. At December 31, 2023, 523,647 shares were available for purchase under CompX's prior repurchase authorizations.

Note 15 - Related party transactions:

We may be deemed to be controlled by Ms. Simmons and the Family Trust. See Note 1. Corporations that may be deemed to be controlled by or affiliated with such individuals sometimes engage in (a) intercorporate transactions such as guarantees, management and expense sharing arrangements, shared fee arrangements, joint ventures, partnerships, loans, options, advances of funds on open account, and sales, leases and exchanges of assets, including securities issued by both related and unrelated parties and (b) common investment and acquisition strategies, business combinations, reorganizations, recapitalizations, securities repurchases, and purchases and sales (and other acquisitions and dispositions) of subsidiaries, divisions or other business units, which transactions have involved both related and unrelated parties and have included transactions which resulted in the acquisition by one related party of a publicly-held noncontrolling interest in another related party. While no transactions of the type described above are planned or proposed with respect to us other than as set forth in these financial statements, we continuously consider, review and evaluate, and understand that Contran and related entities consider, review and evaluate such transactions. Depending upon the business, tax and other objectives then relevant, it is possible that we might be a party to one or more such transactions in the future.

Current receivables and payables to affiliates are summarized in the table below:

	December 31,	
	2022	2023
	(In thousands)	
Current receivables from affiliates:		
Other receivables from affiliates	\$ —	\$ 601
Income taxes receivable from Valhi	636	27
	<u>\$ 636</u>	<u>\$ 628</u>
Current payables to affiliates:		
Other - trade items	\$ 665	\$ 634

From time to time, we may have loans and advances outstanding between us and various related parties, pursuant to term and demand notes. We generally enter into these loans and advances for cash management purposes. When we loan funds to related parties, we are generally able to earn a higher rate of return on the loan than the lender would earn if the funds were invested in other instruments and when we borrow from related parties, we are generally able to pay a lower rate of interest than we would pay if we borrowed from unrelated parties. While certain of such loans may be of a lesser credit quality than cash equivalent instruments otherwise available to us, we believe that we have evaluated the credit risks involved and reflected those credit risks in the terms of the applicable loans. NLKW had borrowings outstanding of \$.5 million as of December 31, 2022 and 2023 under the Valhi Credit Facility, and we incurred a nominal amount of interest expense under such credit facility for the years ended December 31, 2021, 2022 and 2023. See Note 10. In addition, prior to 2021, CompX entered into an unsecured revolving demand promissory note with Valhi under which, as amended, CompX has agreed to loan Valhi up to \$25 million. CompX's loan to Valhi, as amended, bears interest at prime plus 1.00%, payable quarterly, with all principal due on demand, but in any event no earlier than December 31, 2025. Loans made to Valhi at any time are at CompX's discretion. At December 31, 2022 and 2023, the outstanding principal balance receivable from Valhi under the promissory note was \$13.2 million and \$10.6 million, respectively. Interest income (including unused commitment fees) on CompX's loan to Valhi was \$1.2 million in 2021, \$1.0 million in 2022 and \$1.2 million in 2023. In February 2024, Kronos entered into a \$53.7 million subordinated, unsecured term loan with Contran.

Under the terms of various intercorporate services agreements (ISAs) we enter into with Contran, employees of Contran will provide certain management, tax planning, financial and administrative services to the Company on a fee basis. Such fees are based on the compensation of individual Contran employees providing services for us and/or estimates of time devoted to our affairs by such persons. Because of the number of companies affiliated with Contran, we believe

we benefit from cost savings and economies of scale gained by not having certain management, financial and administrative staffs duplicated at each entity, thus allowing certain Contran employees to provide services to multiple companies but only be compensated by Contran. We, CompX and Kronos negotiate fees annually and agreements renew quarterly. The net ISA fees charged to us by Contran, (including amounts attributable to Kronos for all periods) aggregated approximately \$33.2 million in 2021, \$33.5 million in 2022 and \$30.8 million in 2023.

Contran and certain of its subsidiaries and affiliates, including us, purchase certain of their insurance policies and risk management services as a group, with the costs of the jointly-owned policies and services being apportioned among the participating companies. Tall Pines Insurance Company, a subsidiary of Valhi, underwrites certain insurance policies for Contran and certain of its subsidiaries and affiliates, including us. Tall Pines purchases reinsurance from highly rated (as determined by A.M. Best or other internationally recognized ratings agency) third-party insurance carriers for substantially all of the risks it underwrites. Consistent with insurance industry practices, Tall Pines receives commissions from the reinsurance underwriters and/or assesses fees for certain of the policies that it underwrites. During 2021, 2022 and 2023 we paid \$26.3 million, \$24.3 million and \$28.4 million, respectively, under the group insurance program (including amounts attributable to Kronos for all periods, including its Louisiana Pigment Company joint venture) which amounts principally represent insurance premiums, including \$19.5 million, \$18.2 million and \$20.7 million in 2021, 2022 and 2023, respectively, for policies written by Tall Pines. Amounts paid under the group insurance program also include payments to insurers or reinsurers for the reimbursement of claims within our applicable deductible or retention ranges that such insurers and reinsurers paid to third parties on our behalf, as well as amounts for claims and risk management services and various other third-party fees and expenses incurred by the program. We expect these relationships will continue in 2024.

With respect to certain of such jointly-owned policies, it is possible that unusually large losses incurred by one or more insured party during a given policy period could leave the other participating companies without adequate coverage under that policy for the balance of the policy period. As a result, and in the event that the available coverage under a particular policy would become exhausted by one or more claims, Contran and certain of its subsidiaries and affiliates, including us, have entered into a loss sharing agreement under which any uninsured loss arising because the available coverage had been exhausted by one or more claims will be shared ratably by those entities that had submitted claims under the relevant policy. We believe the benefits in the form of reduced premiums and broader coverage associated with the group coverage for such policies justifies the risk associated with the potential for any uninsured loss.

Contran and certain of its subsidiaries, including us, participate in a combined information technology data services program that Contran provides for primary data processing and failover. The program apportions its costs among the participating companies. The aggregate amount Kronos paid to Contran for such services was \$.3 million in each of 2021 and 2022 and \$.4 million in 2023. Under the terms of a sublease agreement between Contran and Kronos, Kronos leases certain office space from Contran. Kronos paid Contran \$.4 million in 2021, \$.5 million in 2022 and \$.6 million in 2023 for such rent and related ancillary services. We expect that these relationships with Contran will continue in 2024.

Note 16 - Commitments and contingencies:

Lead pigment litigation

Our former operations included the manufacture of lead pigments for use in paint and lead-based paint. We, other former manufacturers of lead pigments for use in paint and lead-based paint (together, the “former pigment manufacturers”), and the Lead Industries Association (LIA), which discontinued business operations in 2002, have been named as defendants in various legal proceedings seeking damages for personal injury, property damage and governmental expenditures allegedly caused by the use of lead-based paints. Certain of these actions have been filed by or on behalf of states, counties, cities or their public housing authorities and school districts, and certain others have been asserted as class actions. These lawsuits seek recovery under a variety of theories, including public and private nuisance, negligent product design, negligent failure to warn, strict liability, breach of warranty, conspiracy/concert of action, aiding and abetting, enterprise liability, market share or risk contribution liability, intentional tort, fraud and misrepresentation, violations of state consumer protection statutes, supplier negligence and similar claims.

The plaintiffs in these actions generally seek to impose on the defendants responsibility for lead paint abatement and health concerns associated with the use of lead-based paints, including damages for personal injury, contribution and/or indemnification for medical expenses, medical monitoring expenses and costs for educational programs. To the extent the plaintiffs seek compensatory or punitive damages in these actions, such damages are generally unspecified. In some cases, the damages are unspecified pursuant to the requirements of applicable state law. A number of cases are inactive or have been dismissed or withdrawn. Most of the remaining cases are in various pre-trial stages. Some are on appeal following dismissal or summary judgment rulings or a trial verdict in favor of either the defendants or the plaintiffs.

We believe we have substantial defenses to these actions, and we intend to continue to deny all allegations of wrongdoing and liability and to defend against all actions vigorously. We do not believe it is probable we have incurred any liability with respect to pending lead pigment litigation cases to which we are a party, and with respect to all such lead pigment litigation cases to which we are a party, we believe liability to us that may result, if any, in this regard cannot be reasonably estimated, because:

- we have never settled any of the market share, intentional tort, fraud, nuisance, supplier negligence, breach of warranty, conspiracy, misrepresentation, aiding and abetting, enterprise liability, or statutory cases (other than the Santa Clara case discussed below),
- no final, non-appealable adverse judgments have ever been entered against us, and
- we have never ultimately been found liable with respect to any such litigation matters, including over 100 cases over a thirty-year period for which we were previously a party and for which we have been dismissed without any finding of liability.

Accordingly, we have not accrued any amounts for any of the pending lead pigment and lead-based paint litigation cases filed by or on behalf of states, counties, cities or their public housing authorities and school districts, or those asserted as class actions. In addition, we have determined that liability to us which may result, if any, cannot be reasonably estimated at this time because there is no prior history of a loss of this nature on which an estimate could be made and there is no substantive information available upon which an estimate could be based.

In the matter titled *County of Santa Clara v. Atlantic Richfield Company, et al.* (Superior Court of the State of California, County of Santa Clara, Case No. 1-00-CV-788657) on July 24, 2019, an order approving a global settlement agreement entered into among all of the plaintiffs and the three defendants remaining in the case (the Sherwin Williams Company, ConAgra Grocery Products and us) was entered by the court and the case was dismissed with prejudice. The global settlement agreement provides that an aggregate \$305 million will be paid collectively by the three co-defendants in full satisfaction of all claims resulting in a dismissal of the case with prejudice and the resolution of (i) all pending and future claims by the plaintiffs in the case, and (ii) all potential claims for contribution or indemnity between us and our co-defendants in respect to the case. In the agreement, we expressly deny any and all liability and the dismissal of the case with prejudice was entered by the court without a final judgment of liability entered against us. The settlement agreement fully concludes this matter.

Under the terms of the global settlement agreement, each defendant must pay an aggregate \$101.7 million to the plaintiffs as follows: \$25.0 million within sixty days of the court's approval of the settlement and dismissal of the case, and the remaining \$76.7 million in six annual installments beginning on the first anniversary of the initial payment (\$12.0 million for the first five installments and \$16.7 million for the sixth installment). Our sixth installment will be made with funds already on deposit at the court, which is included in noncurrent restricted cash on our Consolidated Balance Sheets, that are committed to the settlement, including all accrued interest at the date of payment, with any remaining balance to be paid by us (and any amounts on deposit in excess of the final payment would be returned to us). Pursuant to the settlement agreement, we placed an additional \$9.0 million into an escrow account which is included in noncurrent restricted cash on our Consolidated Balance Sheets.

For financial reporting purposes, using a discount rate of 1.9% per annum, we discounted the aggregate \$101.7 million settlement to the estimated net present value of \$96.3 million. We made the initial \$25.0 million payment in September 2019 and the first, second, third and fourth annual installment payments of \$12.0 million each in

September 2020, 2021, 2022 and 2023. We recognized an aggregate accretion expense of \$1.1 million, \$9 million, and \$.7 million in 2021, 2022, and 2023 respectively.

New cases may continue to be filed against us. We do not know if we will incur liability in the future in respect of any of the pending or possible litigation in view of the inherent uncertainties involved in court and jury rulings. In the future, if new information regarding such matters becomes available to us (such as a final, non-appealable adverse verdict against us or otherwise ultimately being found liable with respect to such matters), at that time we would consider such information in evaluating any remaining cases then-pending against us as to whether it might then have become probable we have incurred liability with respect to these matters, and whether such liability, if any, could have become reasonably estimable. The resolution of any of these cases could result in the recognition of a loss contingency accrual that could have a material adverse impact on our net income for the interim or annual period during which such liability is recognized and a material adverse impact on our consolidated financial condition and liquidity.

Environmental matters and litigation

Our operations are governed by various environmental laws and regulations. Certain of our businesses are and have been engaged in the handling, manufacture or use of substances or compounds that may be considered toxic or hazardous within the meaning of applicable environmental laws and regulations. As with other companies engaged in similar businesses, certain of our past and current operations and products have the potential to cause environmental or other damage. We have implemented and continue to implement various policies and programs in an effort to minimize these risks. Our policy is to maintain compliance with applicable environmental laws and regulations at all of our plants and to strive to improve environmental performance. From time to time, we may be subject to environmental regulatory enforcement under U.S. statutes, the resolution of which typically involves the establishment of compliance programs. It is possible that future developments, such as stricter requirements of environmental laws and enforcement policies, could adversely affect our production, handling, use, storage, transportation, sale or disposal of such substances. We believe all of our facilities are in substantial compliance with applicable environmental laws.

Certain properties and facilities used in our former operations, including divested primary and secondary lead smelters and former mining locations, are the subject of civil litigation, administrative proceedings or investigations arising under federal and state environmental laws and common law. Additionally, in connection with past operating practices, we are currently involved as a defendant, potentially responsible party (PRP) or both, pursuant to the Comprehensive Environmental Response, Compensation and Liability Act, as amended by the Superfund Amendments and Reauthorization Act (CERCLA), and similar state laws in various governmental and private actions associated with waste disposal sites, mining locations, and facilities that we or our predecessors, our subsidiaries or their predecessors currently or previously owned, operated or used, certain of which are on the United States Environmental Protection Agency's (EPA) Superfund National Priorities List or similar state lists. These proceedings seek cleanup costs, damages for personal injury or property damage and/or damages for injury to natural resources. Certain of these proceedings involve claims for substantial amounts. Although we may be jointly and severally liable for these costs, in most cases we are only one of a number of PRPs who may also be jointly and severally liable, and among whom costs may be shared or allocated. In addition, we are occasionally named as a party in a number of personal injury lawsuits filed in various jurisdictions alleging claims related to environmental conditions alleged to have resulted from our operations.

Obligations associated with environmental remediation and related matters are difficult to assess and estimate for numerous reasons including the:

- complexity and differing interpretations of governmental regulations,
- number of PRPs and their ability or willingness to fund such allocation of costs,
- financial capabilities of the PRPs and the allocation of costs among them,
- solvency of other PRPs,
- multiplicity of possible solutions,

- number of years of investigatory, remedial and monitoring activity required,
- uncertainty over the extent, if any, to which our former operations might have contributed to the conditions allegedly giving rise to such personal injury, property damage, natural resource and related claims, and
- number of years between former operations and notice of claims and lack of information and documents about the former operations.

In addition, the imposition of more stringent standards or requirements under environmental laws or regulations, new developments or changes regarding site cleanup costs or the allocation of costs among PRPs, solvency of other PRPs, the results of future testing and analysis undertaken with respect to certain sites or a determination that we are potentially responsible for the release of hazardous substances at other sites, could cause our expenditures to exceed our current estimates. Actual costs could exceed accrued amounts or the upper end of the range for sites for which estimates have been made, and costs may be incurred for sites where no estimates presently can be made. Further, additional environmental and related matters may arise in the future. If we were to incur any future liability, this could have a material adverse effect on our consolidated financial statements, results of operations and liquidity.

We record liabilities related to environmental remediation and related matters (including costs associated with damages for personal injury or property damage and/or damages for injury to natural resources) when estimated future expenditures are probable and reasonably estimable. We adjust such accruals as further information becomes available to us or as circumstances change. Unless the amounts and timing of such estimated future expenditures are fixed and reasonably determinable, we generally do not discount estimated future expenditures to their present value due to the uncertainty of the timing of the payout. We recognize recoveries of costs from other parties, if any, as assets when their receipt is deemed probable. At December 31, 2022 and 2023, we had not recognized any receivables for recoveries.

We do not know and cannot estimate the exact time frame over which we will make payments for our accrued environmental and related costs. The timing of payments depends upon a number of factors, including but not limited to the timing of the actual remediation process; which in turn depends on factors outside of our control. At each balance sheet date, we estimate the amount of our accrued environmental and related costs which we expect to pay within the next twelve months, and we classify this estimate as a current liability. We classify the remaining accrued environmental costs as a noncurrent liability.

The table below presents a summary of the activity in our accrued environmental costs during the past three years. The amount charged to expense is included in corporate expense on our Consolidated Statements of Operations.

	Years ended December 31,		
	2021	2022	2023
	(In thousands)		
Balance at the beginning of the period	\$ 93,416	\$ 92,940	\$ 92,358
Additions charged to expense, net	788	486	558
Payments, net	(1,264)	(1,068)	(1,810)
Balance at the end of the period	\$ 92,940	\$ 92,358	\$ 91,106
Amounts recognized in the balance sheet:			
Current liability	\$ 2,643	\$ 2,627	\$ 1,655
Noncurrent liability	90,297	89,731	89,451
Balance at the end of the period	\$ 92,940	\$ 92,358	\$ 91,106

On a quarterly basis, we evaluate the potential range of our liability for environmental remediation and related costs at sites where we have been named as a PRP or defendant, including sites for which our wholly-owned environmental management subsidiary, NL Environmental Management Services, Inc. (EMS), has contractually assumed our obligations. At December 31, 2023, we had accrued approximately \$91 million related to approximately 33 sites associated with remediation and related matters we believe are at the present time and/or in their current phase reasonably estimable. The upper end of the range of reasonably possible costs to us for remediation and related matters for which we believe it is possible to estimate costs is approximately \$118 million, including the amount currently accrued. These accruals have not been discounted to present value.

We believe it is not reasonably possible to estimate the range of costs for certain sites. At December 31, 2023, there were approximately five sites for which we are not currently able to reasonably estimate a range of costs. For these sites, generally the investigation is in the early stages, and we are unable to determine whether or not we actually had any association with the site, the nature of our responsibility, if any, for the contamination at the site, if any, and the extent of contamination at and cost to remediate the site. The timing and availability of information on these sites is dependent on events outside of our control, such as when the party alleging liability provides information to us. At certain of these previously inactive sites, we have received general and special notices of liability from the EPA and/or state agencies alleging that we, sometimes with other PRPs, are liable for past and future costs of remediating environmental contamination allegedly caused by former operations. These notifications may assert that we, along with any other alleged PRPs, are liable for past and/or future clean-up costs. As further information becomes available to us for any of these sites which would allow us to estimate a range of costs, we would at that time adjust our accruals. Any such adjustment could result in the recognition of an accrual that would have a material effect on our consolidated financial statements, results of operations and liquidity.

Insurance coverage claims

We are involved in certain legal proceedings with a number of our former insurance carriers regarding the nature and extent of the carriers' obligations to us under insurance policies with respect to certain lead pigment and asbestos lawsuits. The issue of whether insurance coverage for defense costs or indemnity or both will be found to exist for our lead pigment and asbestos litigation depends upon a variety of factors and we cannot assure you that such insurance coverage will be available.

We have agreements with certain of our former insurance carriers pursuant to which the carriers reimburse us for a portion of our future lead pigment litigation defense costs, and one such carrier reimburses us for a portion of our future asbestos litigation defense costs. We are not able to determine how much we will ultimately recover from these carriers for defense costs incurred by us because of certain issues that arise regarding which defense costs qualify for reimbursement. While we continue to seek additional insurance recoveries, we do not know if we will be successful in obtaining reimbursement for either defense costs or indemnity. Accordingly, we recognize insurance recoveries in income only when receipt of the recovery is probable and we are able to reasonably estimate the amount of the recovery. In this regard we received \$.5 million in insurance recoveries in 2023 and recoveries in each of 2021 and 2022 were nominal.

Other litigation

In addition to the litigation described above, we and our affiliates are also involved in various other environmental, contractual, product liability, patent (or intellectual property), employment and other claims and disputes incidental to present and former businesses. In certain cases, we have insurance coverage for these items, although we do not expect additional material insurance coverage for environmental matters. We currently believe the disposition of all of these various other claims and disputes (including asbestos-related claims), individually and in the aggregate, should not have a material adverse effect on our consolidated financial position, results of operations or liquidity beyond the accruals already provided.

Concentrations of credit risk

Component products are sold primarily in North America to original equipment manufacturers. The ten largest customers related to our Component Products operations accounted for approximately 51% of total sales in 2021 and 52% in each of 2022 and 2023. One customer of CompX's Security Products business accounted for 16% of total sales in 2021, 14% in 2022 and 24% in 2023 (of which 11% relates to a pilot project). One customer of CompX's Marine Components business accounted for 12% of consolidated sales in 2022.

Income taxes

We are a party to a tax sharing agreement with Contran and Valhi providing for the allocation of tax liabilities and tax payments as described in Note 1. Under applicable law, we, as well as every other member of the Contran Tax Group, are each jointly and severally liable for the aggregate federal income tax liability of Contran and the other companies included in the Contran Tax Group for all periods in which we are included in the Contran Tax Group. Valhi has agreed, however, to indemnify us for any liability for income taxes of the Contran Tax Group in excess of our tax liability computed in accordance with the tax sharing agreement.

Note 17 - Financial instruments:

See Note 5 for information on how we determine fair value of our marketable securities.

The following table presents the financial instruments that are not carried at fair value but which require fair value disclosure as of December 31, 2022 and 2023:

	December 31, 2022		December 31, 2023	
	Carrying amount	Fair value	Carrying amount	Fair value
	(In thousands)			
Cash, cash equivalents and restricted cash	\$ 97,502	\$ 97,502	\$ 141,382	\$ 141,382

Due to their near-term maturities, the carrying amounts of accounts receivable and accounts payable are considered equivalent to fair value.

Note 18 - Recent Accounting Pronouncements:

In November 2023, the Financial Accounting Standards Board (FASB) issued ASU 2023-07, Segment Reporting (Topic 280): *Improvements to Reportable Segment Disclosures*. The ASU requires public companies to disclose significant segment expenses and other segment items on an annual and interim basis. The ASU also mandates public companies to provide all annual segment disclosures currently required annually in interim periods. Public companies will also be required to disclose the title and position of the chief operating decision maker (CODM) and explain how the CODM uses the reported measure of segment profit or loss in assessing segment performance and allocation resources. The ASU is effective for us beginning with our 2024 Annual Report, and for interim reporting, in the first quarter of 2025, with retrospective application required. We are in the process of evaluating the additional disclosure requirements.

In December 2023, the FASB issued ASU 2023-09, Income Taxes (Topic 740): *Improvements to Income Tax Disclosures*. The ASU requires additional annual disclosure and disaggregation for the rate reconciliation, income taxes paid and income tax expense by federal, state and foreign tax jurisdictions. In addition, the standard increases the disclosure requirements for items included in the rate reconciliation that meet a quantitative threshold. The ASU is effective for us beginning with our 2025 Annual Report. The ASU may be applied prospectively; however, entities have the option to apply it retrospectively. We are in the process of evaluating the additional disclosure requirements.

**CANCELLATION OF
UNSECURED REVOLVING DEMAND PROMISSORY NOTE**

This Cancellation of Unsecured Revolving Demand Promissory Note (“Cancellation Agreement”) is entered into as February 21, 2024, by and between Valhi, Inc. (“Borrower”) and Kronos Worldwide, Inc. (“Kronos Worldwide”).

Background

- A. Borrower and Kronos Worldwide entered into that certain Unsecured Revolving Demand Promissory Note dated as of December 31, 2022 (the “Note”), pursuant to which Kronos Worldwide agreed to loan Valhi up to twenty-five million dollars (\$25,000,000).
- B. Valhi did not draw any amounts available to it under the Note.
- C. There is no principal amount outstanding under the Note and there is no accrued interest.
- D. The Note provides for an Unused Commitment Fee (as defined in the Note) to be paid quarterly.

Agreement

- 1. The parties acknowledge that Borrower has paid Kronos Worldwide an Unused Commitment Fee for the period January 1, 2024 through February 21, 2024.
- 2. The Note is hereby terminated and canceled, and is of no further force and effect.

IN WITNESS WHEREOF, the parties have executed this Cancellation Agreement.

VALHI, INC.

By: /s/ Amy A. Samford
Amy A. Samford
Executive Vice President and Chief Financial Officer

KRONOS WORLDWIDE, INC.

By: /s/ Tim C. Hafer
Tim C. Hafer
Executive Vice President and Chief Financial Officer

SUBSIDIARIES OF THE REGISTRANT

NAME OF CORPORATION	Jurisdiction of incorporation or organization	% of voting securities held at December 31, 2023 (1)
CompX International Inc. (2)	Delaware	87
Kronos Worldwide, Inc. (3)	Delaware	31
EWI RE, Inc.	New York	100
NL Environmental Management Services, Inc.	New Jersey	100
NLKW Holding, LLC	New Jersey	100

(1) Held by the Registrant or the indicated subsidiary of the Registrant

(2) Subsidiaries of CompX International Inc. are incorporated by reference to Exhibit 21.1 of CompX's Annual Report on Form 10-K for the year ended December 31, 2023

(3) Subsidiaries of Kronos Worldwide, Inc. are incorporated by reference to Exhibit 21.1 of Kronos' Annual Report on Form 10-K for the year ended December 31, 2023

CONSENT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

We hereby consent to the incorporation by reference in the Registration Statement on Form S-8 (No. 333-275275) of NL Industries, Inc. of our report dated March 6, 2024 relating to the financial statements, which appears in this Form 10-K.

/s/ PricewaterhouseCoopers LLP

Dallas, Texas

March 6, 2024

CONSENT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

We hereby consent to the incorporation by reference in the Registration Statement on Form S-8 (No. 333-275275) of NL Industries, Inc. of our report dated March 6, 2024 relating to the financial statements and the effectiveness of internal control over financial reporting of Kronos Worldwide, Inc., which is incorporated by reference in this Form 10-K.

/s/ PricewaterhouseCoopers LLP

Dallas, Texas
March 6, 2024

CERTIFICATION

I, Courtney J. Riley, certify that:

- 1) I have reviewed this annual report on Form 10-K of NL Industries, Inc.;
- 2) Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;
- 3) Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;
- 4) The registrant's other certifying officer and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have:
 - a) Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;
 - b) Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;
 - c) Evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and
 - d) Disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting; and
- 5) The registrant's other certifying officer and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the audit committee of the registrant's board of directors (or persons performing the equivalent functions):
 - a) All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize and report financial information; and
 - b) Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.

Date: March 6, 2024

/s/Courtney J. Riley

Courtney J. Riley

President and Chief Executive Officer

CERTIFICATION

I, Amy Allbach Samford, certify that:

- 1) I have reviewed this annual report on Form 10-K of NL Industries, Inc.;
- 2) Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;
- 3) Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;
- 4) The registrant's other certifying officer and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have:
 - a) Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;
 - b) Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;
 - c) Evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and
 - d) Disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting; and
- 5) The registrant's other certifying officer and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the audit committee of the registrant's board of directors (or persons performing the equivalent functions):
 - a) All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize and report financial information; and
 - b) Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.

Date: March 6, 2024

/s/Amy Allbach Samford

Amy Allbach Samford

Executive Vice President and Chief Financial Officer

**CERTIFICATION PURSUANT TO
18 U.S.C. SECTION 1350,
AS ADOPTED PURSUANT TO**

SECTION 906 OF THE SARBANES-OXLEY ACT OF 2002

In connection with the Annual Report of NL Industries, Inc. (the Company) on Form 10-K for the year ended December 31, 2023 as filed with the Securities and Exchange Commission on the date hereof (the Report), I, Courtney J. Riley, President and Chief Executive Officer of the Company, and I, Amy Allbach Samford, Executive Vice President and Chief Financial Officer of the Company, certify, pursuant to 18 U.S.C. § 1350, as adopted pursuant to § 906 of the Sarbanes-Oxley Act of 2002, that:

- (1) The Report fully complies with the requirements of section 13(a) or 15(d) of the Securities Exchange Act of 1934; and
- (2) The information contained in the Report fairly presents, in all material respects, the financial condition and results of operations of the Company.

/s/Courtney J. Riley

Courtney J. Riley

President and Chief Executive Officer

/s/Amy Allbach Samford

Amy Allbach Samford

Executive Vice President and Chief Financial Officer

March 6, 2024

Note: The certification the registrant furnishes in this exhibit is not deemed "filed" for purposes of Section 18 of the Securities Exchange Act of 1934, as amended, or otherwise subject to the liabilities of that Section. Registration Statements or other documents filed with the Securities and Exchange Commission shall not incorporate this exhibit by reference, except as otherwise expressly stated in such filing.

**POLICY FOR THE
RECOVERY OF ERRONEOUSLY AWARDED COMPENSATION**

Effective October 26, 2023

A. OVERVIEW

In accordance with the applicable rules of The New York Stock Exchange Listed Company Manual (the “*NYSE Rules*”), Section 10D and Rule 10D-1 of the Securities Exchange Act of 1934, as amended (the “*Exchange Act*”) (“*Rule 10D-1*”), the Board of Directors (the “*Board*”) of NL Industries, Inc. (the “*Company*”) has adopted this Policy (the “*Policy*”) to provide for the recovery of erroneously awarded Incentive-based Compensation from Executive Officers. All capitalized terms used and not otherwise defined herein shall have the meanings set forth in Section H, below.

B. RECOVERY OF ERRONEOUSLY AWARDED COMPENSATION

(1) In the event of an Accounting Restatement, the Company will reasonably promptly recover any Erroneously Awarded Compensation Received in accordance with NYSE Rules and Rule 10D-1 as follows:

- (i) After an Accounting Restatement, the Management Development and Compensation Committee of the Company’s Board (the “*Committee*”) shall determine the amount of any Erroneously Awarded Compensation Received by each Executive Officer and shall promptly notify each Executive Officer with a written notice containing the amount of any Erroneously Awarded Compensation and a demand for repayment or return of such compensation, as applicable.
 - (a) For Incentive-based Compensation based on (or derived from) the Company’s stock price or total shareholder return, where the amount of Erroneously Awarded Compensation is not subject to mathematical recalculation directly from the information in the applicable Accounting Restatement:
 - i. The amount to be repaid or returned shall be determined by the Committee based on a reasonable estimate of the effect of the Accounting Restatement on the Company’s stock price or total shareholder return upon which the Incentive-based Compensation was Received; and
 - ii. The Company shall maintain documentation of the determination of such reasonable estimate and provide the relevant documentation as required to the NYSE.
 - (ii) The Committee shall have discretion to determine the appropriate means of recovering Erroneously Awarded Compensation based on the particular facts and circumstances. Notwithstanding the foregoing, except as set forth in Section
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B(2) below, in no event may the Company accept an amount that is less than the amount of Erroneously Awarded Compensation in satisfaction of an Executive Officer's obligations hereunder.

- (iii) To the extent that the Executive Officer has already reimbursed the Company for any Erroneously Awarded Compensation Received under any duplicative recovery obligations established by the Company or applicable law, it shall be appropriate for any such reimbursed amount to be credited to the amount of Erroneously Awarded Compensation that is subject to recovery under this Policy.
- (iv) To the extent that an Executive Officer fails to repay all Erroneously Awarded Compensation to the Company when due, the Company shall take all actions reasonable and appropriate to recover such Erroneously Awarded Compensation from the applicable Executive Officer. The applicable Executive Officer shall be required to reimburse the Company for any and all expenses reasonably incurred (including legal fees) by the Company in recovering such Erroneously Awarded Compensation in accordance with the immediately preceding sentence.

(2) Notwithstanding anything herein to the contrary, the Company shall not be required to take the actions contemplated by Section B(1) above if the Committee determines that recovery would be impracticable *and* any of the following three conditions are met:

- (i) The Committee has determined that the direct expenses paid to a third party to assist in enforcing the Policy would exceed the amount to be recovered. Before making this determination, the Company must make a reasonable attempt to recover the Erroneously Awarded Compensation, document such attempt(s) and provide such documentation to the NYSE;
- (ii) Recovery would violate home country law where that law was adopted prior to November 28, 2022, provided that, before determining that it would be impracticable to recover any amount of Erroneously Awarded Compensation based on violation of home country law, the Company has obtained an opinion of home country counsel, acceptable to the NYSE, that recovery would result in such a violation and a copy of the opinion is provided to NYSE;-or
- (iii) Recovery would likely cause an otherwise tax-qualified retirement plan, under which benefits are broadly available to employees of the Company, to fail to meet the requirements of Section 401(a)(13) or Section 411(a) of the Internal Revenue Code of 1986, as amended, and regulations thereunder.

C. DISCLOSURE REQUIREMENTS

The Company shall file all disclosures with respect to this Policy required by applicable U.S. Securities and Exchange Commission ("**SEC**") filings and rules.

D. PROHIBITION OF INDEMNIFICATION

The Company shall not be permitted to insure or indemnify any Executive Officer against (i) the loss of any Erroneously Awarded Compensation that is repaid, returned or recovered

pursuant to the terms of this Policy, or (ii) any claims relating to the Company's enforcement of its rights under this Policy. Further, the Company shall not enter into any agreement that exempts any Incentive-based Compensation that is granted, paid or awarded to an Executive Officer from the application of this Policy or that waives the Company's right to recovery of any Erroneously Awarded Compensation, and this Policy shall supersede any such agreement (whether entered into before, on or after the Effective Date of this Policy).

E. ADMINISTRATION AND INTERPRETATION

This Policy shall be administered by the Committee, and any determinations made by the Committee shall be final and binding on all affected individuals.

The Committee is authorized to interpret and construe this Policy and to make all determinations necessary, appropriate, or advisable for the administration of this Policy and for the Company's compliance with NYSE Rules, Section 10D, Rule 10D-1 and any other applicable law, regulation, rule or interpretation of the SEC or NYSE promulgated or issued in connection therewith.

In the administration of this Policy, the Committee is authorized to consult with the full Board or other committees of the Board as the Committee considers necessary or appropriate as to matters within the scope of such other committee's responsibility and authority. Subject to any limitation at applicable law, the Committee may authorize and empower any officer or employee of the Company to take any and all actions necessary or appropriate to carry out the purpose and intent of this Policy (other than with respect to any recovery under this Policy involving such officer or employee).

F. AMENDMENT; TERMINATION

The Board may amend this Policy from time to time in its discretion and shall amend this Policy as it deems necessary. Notwithstanding anything in this Section F to the contrary, no amendment or termination of this Policy shall be effective if such amendment or termination would (after taking into account any actions taken by the Company contemporaneously with such amendment or termination) cause the Company to violate any federal securities laws, SEC rule or NYSE rule.

G. OTHER RECOVERY RIGHTS

This Policy shall be binding and enforceable against all Executive Officers and, to the extent required by applicable law or guidance from the SEC or NYSE, their beneficiaries, heirs, executors, administrators or other legal representatives. The Board intends that this Policy will be applied to the fullest extent required by applicable law. Any employment agreement, equity award agreement, compensatory plan or any other agreement or arrangement with an Executive Officer shall be deemed to include, as a condition to the grant of any benefit thereunder, an agreement by the Executive Officer to abide by the terms of this Policy. Any right of recovery under this Policy is in addition to, and not in lieu of, any other remedies or rights of recovery that may be available to the Company under applicable law, regulation or rule or pursuant to the terms of any policy of the Company or any provision in any employment agreement, equity award agreement, compensatory plan, agreement or other arrangement.

H. DEFINITIONS

For purposes of this Policy, the following capitalized terms shall have the meanings set forth below.

(1) “**Accounting Restatement**” means an accounting restatement due to the material noncompliance of the Company with any financial reporting requirement under the securities laws, including any required accounting restatement to correct an error in previously issued financial statements that is material to the previously issued financial statements (a “Big R” restatement), or that would result in a material misstatement if the error were corrected in the current period or left uncorrected in the current period (a “little r” restatement).

(2) “**Clawback Eligible Incentive Compensation**” means all Incentive-based Compensation Received by an Executive Officer (i) on or after October 2, 2023 (the effective date of the applicable NYSE rules), (ii) after beginning service as an Executive Officer, (iii) who served as an Executive Officer at any time during the applicable performance period relating to any Incentive-based Compensation (whether or not such Executive Officer is serving at the time the Erroneously Awarded Compensation is required to be repaid to the Company), (iv) while the Company has a class of securities listed on a national securities exchange or a national securities association, and (v) during the applicable Clawback Period (as defined below).

(3) “**Clawback Period**” means, with respect to any Accounting Restatement, the three completed fiscal years of the Company immediately preceding the Restatement Date (as defined below), and if the Company changes its fiscal year, any transition period of less than nine months within or immediately following those three completed fiscal years.

(4) “**Erroneously Awarded Compensation**” means, with respect to each Executive Officer in connection with an Accounting Restatement, the amount of Clawback Eligible Incentive Compensation that exceeds the amount of Incentive-based Compensation that otherwise would have been Received had it been determined based on the restated amounts, computed without regard to any taxes paid.

(5) “**Executive Officer**” means each individual who is currently or was previously an “executive officer” of the Company, as determined by the Committee in accordance with the definition of “executive officer” set forth in Rule 10D-1 and Section 303A.14 of the NYSE Rules. For the avoidance of doubt, executive officers for purposes of this Policy shall include each executive officer who is or was identified pursuant to Item 401(b) of Regulation S-K or Item 6.A of Form 20-F, as applicable, as well as the principal financial officer and principal accounting officer (or, if there is no principal accounting officer, the controller).

(6) “**Financial Reporting Measures**” means measures that are determined and presented in accordance with the accounting principles used in preparing the Company’s financial statements, and all other measures that are derived wholly or in part from such measures. Stock price and total shareholder return (and any measures that are derived wholly or in part from stock price or total shareholder return) shall, for purposes of this Policy, be considered Financial Reporting Measures. For the avoidance of doubt, a Financial Reporting Measure need not be presented in the Company’s financial statements or included in a filing with the SEC.

(7) “**Incentive-based Compensation**” means any compensation that is granted, earned or vested based wholly or in part upon the attainment of a Financial Reporting Measure.

(8) “*NYSE*” means the New York Stock Exchange.

(9) “*Received*” means, with respect to any Incentive-based Compensation, actual or deemed receipt, and Incentive-based Compensation shall be deemed received in the Company’s fiscal period during which the Financial Reporting Measure specified in the Incentive-based Compensation award is attained, even if the payment or grant of the Incentive-based Compensation to the Executive Officer occurs after the end of that period.

(10) “*Restatement Date*” means the earlier to occur of (i) the date the Board, a committee of the Board or the officers of the Company authorized to take such action if Board action is not required, concludes, or reasonably should have concluded, that the Company is required to prepare an Accounting Restatement, or (ii) the date a court, regulator or other legally authorized body directs the Company to prepare an Accounting Restatement.