

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549
FORM 10-K

(Mark One)

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

For the fiscal year ended December 31, 2018

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: 1-33891

ORION GROUP HOLDINGS, INC.

(Exact name of registrant as specified in its charter)

Delaware
State of Incorporation

26-0097459
IRS Employer Identification Number

12000 Aerospace Avenue, Suite 300
Houston, Texas 77034
Address of Principal Executive Office

(713) 852-6500
Registrant's telephone number (including area code)

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

Title of Each Class	Name of Each Exchange on Which Registered
Common stock, \$0.01 par value per share	The New York Stock Exchange

Securities registered pursuant to Section 12(g) of the Act: None

Indicate by check mark if the Registrant is a well-known seasoned issuer, as defined in Rule 405 of the Securities Act: ☐ Yes ☒ No

Indicate by check mark if the Registrant is not required to file reports pursuant to Section 13 or Section 15(d) of the Act: ☐ Yes ☒ No

Indicate by check mark 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 (or for such shorter period that the Registrant was required to file such reports) and (2) has been subject to such filing requirements for the past 90 days: ☒ Yes ☐ No

Indicate by check mark whether the registrant has submitted electronically and posted on its corporate website, if any, every Interactive Data File required to be submitted and posted 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 and post such files)
Yes ☒ No ☐

Indicate by check mark if disclosure of delinquent filers pursuant to Item 405 of Regulation S-K (§ 232.405 of this chapter) is not contained herein, and will not be contained, to the best of the Registrant's knowledge, in definitive proxy or information statements incorporated by reference in Part III of this Form 10-K or any amendment to this Form 10-K ☐

Indicate by check mark whether the Registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, a smaller reporting company or an emerging growth company. See the definition of "large accelerated filer", "accelerated filer", "small reporting" company and "emerging growth" company in Rule 12b-2 of the Exchange Act (Check One):

Large Accelerated Filer ☐ Accelerated Filer ☒ Non-accelerated filer ☐ Smaller reporting company ☒ Emerging growth company ☐

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.

Indicate by check mark whether the Registrant is a shell company (as defined in Rule 12b-2 of the Act) ☐ Yes ☒ No

There were 28,899,412 shares of common stock outstanding as of March 15, 2019. The aggregate market value of the Registrant's common equity held by non-affiliates was approximately \$237.2 million as of June 29, 2018, the last business day of the Registrant's most recently completed second fiscal quarter, based upon the last reported sales price on the New York Stock Exchange on that date.

DOCUMENTS INCORPORATED BY REFERENCE

Part III – Portions of the Registrant's definitive Proxy Statement to be issued in connection with the 2019 Annual Meeting of Stockholders to be filed on or about April 9, 2019, are incorporated by reference in Part III of this Annual Report on Form 10-K.

ORION GROUP HOLDINGS, INC.

2018 Annual Report on Form 10-K
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PART I

FORWARD-LOOKING STATEMENTS

In addition to historical information, this Annual Report on Form 10-K and the documents incorporated by reference herein may contain forward-looking statements that are not based on historical fact. When used in this report, words such as “expects”, “anticipates”, “believes”, “seeks”, “estimates”, “plans”, “intends” and similar words identify forward-looking statements. You should not place undue reliance on these forward-looking statements. Although such statements are based on management’s current estimates and expectations and currently available competitive, financial and economic data, forward-looking statements are inherently uncertain and involve risks and uncertainties that could cause our actual results to differ materially from what may be inferred from the forward-looking statements. Some of the factors that could cause or contribute to such differences are listed and discussed in Item 1A “*Risk Factors*” below and elsewhere in this Annual Report on Form 10-K. We undertake no obligation to release publicly any revisions or updates to any forward-looking statements that are contained in this document. We encourage you to read carefully the risk factors described in other documents we file from time to time with the United States Securities and Exchange Commission (the “SEC”).

Item 1. BUSINESS

General background

Orion Group Holdings, Inc., is a leading specialty construction company in the building, industrial, and infrastructure sectors in the continental United States, Alaska, Canada, and the Caribbean Basin. Our marine segment services include marine transportation facility construction, marine pipeline construction, marine environmental structures, dredging of waterways, channels and ports, environmental dredging, design, and specialty services. Our concrete segment provides turnkey concrete construction services including pour and finish, dirt work, layout, forming, rebar, and mesh across the light commercial, structural and other associated business areas. We are headquartered in Houston, Texas with offices throughout our operating areas.

Orion Group Holdings, Inc. is a Delaware corporation. The common stock of Orion Group Holdings, Inc. is listed on the New York Stock Exchange under the symbol ORN. Unless the context otherwise requires, all references herein to “Orion”, the “Company”, the “Registrant”, “we”, “us” or “our” refer to Orion Group Holdings, Inc. and its consolidated subsidiaries and affiliates.

History and growth

Orion Group Holdings, Inc. was founded in 1994 as a marine construction project management business. Since then, we have expanded our reach both through organic growth and acquisitions. We have successfully acquired and fully integrated several companies into our operations, including the acquisition of T.A.S. Commercial Concrete Construction, LLC (“TAS”) during 2015 and Tony Bagliore Concrete, Inc. (“TBC”) during 2017. The TAS acquisition added another segment to our business, provided diversification of end market drivers and a diversified customer base. The TBC acquisition expanded the Company's current service offerings to an additional market within its concrete segment. These strategic acquisitions have also enhanced our operational capabilities, provided us with a larger geographic base, and added to our equipment fleet. Today we are focused on being the leading specialty construction company in the building, industrial, and infrastructure sectors and will continue to see growth opportunities through greenfield expansion, acquisitions, vertical integration, and diversification.

Our Business Strategy

We employ the following key business strategies:

- *Continue to add construction capabilities* - We seek to add capabilities that augment our core contracting and construction competencies, improve our gross margin opportunities, and compete more effectively for contracts that might not otherwise be available to us.
- *Expand into new markets and complementary service offerings and selectively pursue strategic acquisitions* - We seek to identify attractive new markets and strategic opportunities to expand our service offering through selective acquisitions, greenfield expansions or diversification.
- *Continue to capitalize on favorable long-term industry trends* - We seek to capitalize on infrastructure capital investments across the markets we serve including port and marine infrastructure, government funded projects, transportation, oil and gas facilities, recreational waterside industry infrastructure expansion and environmental restoration markets. We seek to capitalize on privately funded projects across the commercial concrete markets we serve including industrial, institutional, commercial real estate, and recreational developments.

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- *Diversification* - To mitigate the risks inherent in the construction business as the result of general economic factors, we pursue projects in both the public and private sectors for a wide range of customers within each sector (from the federal government to small municipalities and from large corporations to small owners and developers and in diverse geographic markets).
- *Continue to reinvest in our core operations* - We pursue technically complex projects where our people, specialized services and equipment differentiate us from our competitors. We intend to enhance the types, numbers and capabilities of our equipment so we can provide turnkey construction services to our customers. This means when we are called on for business, we have the right people, skills, and equipment readily available for multiple projects.
- *Continue to attract, retain and develop our employees* - We believe our employees are integral to the success of our project execution, and we continue to allocate resources to attract and retain talented managers, supervisors and field personnel.
- *Ownership of equipment* - We own a large fleet of well-maintained construction equipment. The ownership of this equipment enables us to compete more effectively by ensuring availability of equipment at a favorable cost.

Our operating principles and guiding beliefs include:

- *Safety* - We believe accident prevention is a moral obligation as well as a good business practice. By identifying and concentrating resources to address jobsite hazards, we continually strive to reduce our incident rates and the costs associated with accidents.
- *Quality and Integrity* - We believe in the importance of performing high quality work. Additionally, we believe in maintaining high ethical standards through an established code of conduct and an effective company-wide compliance program.
- *Production* - We believe in the importance of performing tasks safely, efficiently and timely. Additionally, we believe in safeguarding our facilities and equipment and always acting in the best interest of the Company.
- *Sustainability* - Our focus on sustainability encompasses many aspects of how we conduct ourselves and practice our core values. We believe sustainability is important to our customers, employees, shareholders, and communities, and is also a long-term business driver. By focusing on specific initiatives that address social, environmental and economic challenges, we can minimize risk and increase our competitive advantage.

Services Provided

Marine Construction Services

Marine construction services include construction, restoration, dredging, maintenance and repair of marine transportation facilities, marine pipelines, bridges and causeways, and marine environmental structures. We have the capability of providing design-build services and typically serve as the prime contractor for these types of projects.

Marine transportation facility projects include public port facilities for container ship loading and unloading; cruise ship port facilities; private terminals; special-use Navy terminals; recreational use marinas and docks; and other marine-based facilities. These projects typically consist of steel or concrete fabrication dock or mooring structures designed for durability and longevity, and involve driving piles of concrete, pipe or sheet pile to provide a foundation for the port facility structure that we subsequently construct on the piles. We also provide on-going maintenance and repair, inspection services, emergency repair, and demolition and salvage to such facilities.

Our marine pipeline service projects generally include the installation and removal of underwater buried pipeline transmission lines; installation of pipeline intakes and outfalls for industrial facilities; construction of pipeline outfalls for wastewater and industrial discharges; river crossing and directional drilling; creation of hot taps and tie-ins; and inspection, maintenance and repair services.

Our bridge and causeway projects include the construction, repair and maintenance of all types of overwater bridges and causeways, as well as the development of fendering systems in marine environments. We serve as the prime contractor for many of these projects, and some of these are design-build contracts. These projects involve fabricating steel or concrete structures designed for durability and longevity, and involve driving concrete, pipe or sheet pile to create support for the concrete deck roadways that we subsequently construct on the piles. These piles can exceed four feet in diameter, can range up to 170 feet in overall length, and are often driven 90 feet into the sea floor.

Marine environmental structure projects may include the installation of concrete mattresses to promote erosion protection; construction of levees to contain environmental mitigation projects, and the installation of geotubes for wetlands and island creation. Such structures are used for erosion control, wetlands creation and environmental remediation.

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Dredging generally enhances or preserves the navigability of waterways or the protection of shorelines through the removal or replenishment of soil, sand or rock. Dredging involves the removal of mud and silt from the channel floor by means of a mechanical backhoe, crane and bucket or cutter suction dredge and pipeline systems. Dredging is integral to marine capital and maintenance projects, including: maintenance for previously deepened waterways and harbors to remove silt, sand and other accumulated sediments; construction of breakwaters, jetties, canals and other marine structures; deepening ship channels and wharves to accommodate larger and deeper draft ships; containing erosion of wetlands and coastal marshes; land reclamation; and beach nourishment and creation of wildlife refuges. Maintenance dredging projects are a source of recurring revenue as active channels typically require routine dredging due to natural sedimentation. The frequency of maintenance dredging may be accelerated by heavy rainfall or major weather events such as hurricanes. Areas where no natural deep water ports exist, such as the Texas Gulf Coast, require substantial dredging. We maintain multiple specialty dredges of various sizes and specifications to meet customer needs. Our dredging services are typically combined with our marine construction services to provide a turn-key solution for our customers.

Our specialty services include design, salvage, demolition, surveying, towing, diving and underwater inspection, excavation and repair. Our diving services are largely performed in shallow water and include inspections, salvage and pile restoration and encapsulation. Our survey services include surveying pipelines and performing hydrographic surveys which determine the configuration of the floors of bodies of water and detect and identify wrecks and other obstructions. Most of these specialty services support our other services or provide an introductory opportunity to other customers.

Concrete Construction Services

The concrete segment provides its services in the following areas: light commercial, structural, and other services. Light commercial services include horizontally poured concrete for products such as sidewalks, ramps, tilt walls, and trenches. Structural services include elevated concrete pouring for products such as columns, elevated beams, and structural walls. Other services comprise labor related to concrete pouring, such as rebar installation and pumping services and typically support our other services. These services cover all phases of concrete construction including dirt work and layout, forming, rebar and mesh, and pour and finish.

Industry and Market Overview

Marine Segment

We provide our services to similar customers, or in some cases, the same customers, across the markets served by our business. Our marine segment customers may be in diverse end markets, including port expansion and maintenance, bridges, causeways and other marine infrastructure, the recreational waterside industry, the U.S. Department of Defense, the energy industry, coastal protection and reclamation, along with hurricane restoration and repair and environmental remediation. We believe that this broad customer base enables us to lessen the negative effects during a downturn in a specific end market and respond quickly to the needs of expanding end markets. The following includes an overview of our diverse markets in the marine construction industry:

Port Expansion and Maintenance

Expected increases in cargo volume and future demands from larger ships transiting the expanded Panama Canal will require ports, especially along the Gulf Coast and Atlantic Seaboard, to expand their dock capacity and port infrastructure to accommodate larger container ships and increased cargo volumes, as well as perform additional dredging services to deepen and maintain their channels. We provide customers in this sector turnkey services to meet all their port expansion and maintenance work.

Bridges and Causeways

According to the American Society of Civil Engineers, as of their most recent report, one in nine of the nation's bridges are structurally deficient, and the average age of the nation's bridges is 43 years old. We are able to construct or restore overwater bridges, and design, repair, or replace, fendering systems for customers.

Marine Infrastructure

The U.S. Marine Transportation System ("MTS") consists of waterways, ports and their intermodal connections, vessels, vehicles, and system users, as well as shipyards and repair facilities crucial to maritime activity. The MTS is primarily owned and operated through an aggregation of federal, state, and local governmental authorities, as well as privately owned facilities and private companies. U.S. inland and intracoastal waterways require continuous maintenance and improvement. While waterway usage is increasing, the facilities and supporting systems are aging. In addition, channels and waterways must maintain certain depths to accommodate ship and barge traffic. Natural sedimentation in these channels and waterways require routine maintenance dredging to maintain navigability.

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Our full business complement, including design, dredging, marine construction, and specialty services, such as diving, survey and inspections are fully utilized by our customers to meet all their marine infrastructure project needs.

Recreational Waterside Industry

An increase in the number and size of cruise ships has generated a need for substantial port infrastructure development, including planning and construction of new terminals and facilities, as well as on-going maintenance and repair services. These larger vessels require development of new mooring structures as well as additional dredging services to accommodate deeper drafts. Our service area includes, among others, the ports of Miami, Galveston, Tampa, New Orleans, Canaveral, Juneau, Tacoma, Seattle and the Caribbean Basin, which includes numerous cruise facilities and is the most popular cruise destination in the North American market.

The Department of Defense and Homeland Security

The U.S. Navy has the responsibility for the maintenance of 40 facilities in the United States, which includes a significant amount of marine infrastructure. We believe the U.S. Navy will continue to maintain strategic facilities, including required maintenance and upgrades to its marine facility infrastructure.

The U.S. Coast Guard maintains more than 50,000 federal aids to navigation, which include buoys, lighthouses, day beacons and radio-navigation signals. Additionally, it has oversight responsibility for over 18,000 highway and railroad bridges that span navigable waterways throughout the country. As part of the Department of Homeland Security, we anticipate that the U.S. Coast Guard's needs for varied marine construction services, including those listed above, will provide opportunities for us in the future.

Energy Industry

We design, construct, repair and remove underwater pipelines, and provide marine construction, dredging and on-going maintenance services for private refineries, terminal facilities and docks, and other critical areas near shore oil and gas infrastructure.

U.S. Coastal and Wetland Restoration and Reclamation

We believe that increases in coastal population density and demographic trends will lead to an increase in the number of coastal restoration and reclamation projects, and as the value of waterside assets rises from a residential and recreational standpoint, the private sector, government agencies and municipalities will increase spending on restoration and reclamation projects.

Hurricane Restoration and Repair

Hurricanes are often very destructive to the existing marine infrastructure and natural protection barriers of the prime storm areas of the Gulf Coast, the Atlantic Seaboard, and the Caribbean Basin, including bridges, ports, underwater channels and sensitive coastal areas. Typically, restoration and repair opportunities continue for several years after a major hurricane event. These events provide incremental projects to our industry that contribute to a favorable bidding environment and high capacity utilization in our markets during such times.

Environmental Remediation

We believe there will be additional funding for the protection of natural habitats, environmental preservation, wetlands creation and remediation for high priority projects in Louisiana and other areas in the markets we serve that will protect and restore sensitive marine and coastal areas, advance ocean science and research, and ensure sustainable use of ocean resources.

Concrete Segment

We provide our services to different customers across the markets served by our business. Our customers in the concrete segment are in diverse end markets such as industrial, institutional, commercial real estate, and recreational developments.

Our concrete segment depends on continued growth in population to support residential and nonresidential construction specifically in the metropolitan areas of Texas. The latest estimates from the U.S. Census Bureau indicate that the metropolitan areas of Texas, specifically Dallas, Houston, San Antonio and Austin, are among the U.S. top 10 in population growth based on the most recent survey results. These markets show substantial growth in multi-family housing, medical facilities, and commercial, office, retail, and industrial buildings.

We believe that this broad customer base enables us to lessen the negative effects during a downturn in a specific end market and respond quickly to the needs of expanding end markets. The following includes an overview of our diverse markets in the concrete industry:

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Industrial developments

Our industrial markets include manufacturing plants, industrial warehousing, distribution centers, waste water treatment facilities and facilities supporting the petrochemical industry. An expected increase in distribution has generated a need for substantial industrial park developments.

Institutional developments and expansions

Our institutional markets include educational facilities, medical facilities, museums, and religious developments. Due to significant population growth in the metropolitan areas of Texas, there has been great demand for institutional development and expansion. As the suburban areas of major cities continue to grow, bond programs are passing for new education construction. Additionally, as population and suburban areas grow, so does the continued need for medical and educational facilities.

Structural developments

Our structural markets include mid- and high-rise multi-family living, single and multi-story office buildings, parking garages, shopping malls, and free standing retail outlets. As population continues to grow, so does the need for retail developments, such as grocery stores, shopping malls, restaurants, and other entertainment venues. Additionally, continued growth in business expansions and relocations to Texas are driving an increase in the need for office space and apartment complexes.

Recreational developments

Our recreational markets include a wide-range of hotels, sports venues, and stadiums. The increase in new businesses and new educational facilities has sparked the need for additional hotels and stadiums across the metropolitan areas of Texas.

Customers

Our customers in the marine segment include federal, state and local governmental agencies as well as private commercial and industrial enterprises in the United States and the Caribbean Basin. Customers in our concrete segment include owners and developers of medical facilities, religious developments, sports complexes and stadiums, school districts and developers, owners of industrial, commercial and residential buildings, and some governmental agencies across the metropolitan areas of Texas. Most projects are competitively bid, with the award typically going to the lowest qualified bidder. Our customer base shifts from time to time depending on the types of projects we bid, and ultimately are successful on obtaining.

The following table represents concentrations of contract revenue by type of customer for the years ended December 31, 2018, 2017, and 2016.

	2018	%	2017	%	2016	%
Federal Government	\$ 42,143	8%	\$ 63,823	11%	\$ 40,361	7%
State Governments	30,470	6%	42,613	7%	37,700	7%
Local Governments	107,478	21%	91,592	16%	94,461	16%
Private Companies	340,803	65%	380,525	66%	405,714	70%
Total contract revenues	<u>\$ 520,894</u>	<u>100%</u>	<u>\$ 578,553</u>	<u>100%</u>	<u>\$ 578,236</u>	<u>100%</u>

We do not believe that the loss of any one of these customers would have a material adverse effect on our operations since no single customer sustains a large portion of our contract revenue over time.

Backlog

Our contract backlog represents our estimate of the revenues we expect to realize under the portion of the contracts remaining to be performed. Given the typical duration of our contracts, which generally is less than one year, our backlog at any point in time usually represents only a portion of the revenue that we expect to realize during a twelve month period. We include projects in our backlog only when the customer has provided an executed contract, purchase order, change order, or other notice to proceed.

Backlog for our marine segment at December 31, 2018, was \$256.7 million, as compared with \$177.0 million at December 31, 2017.

Backlog for our concrete segment at December 31, 2018 was \$183.7 million, as compared with \$183.6 million at December 31, 2017.

These estimates are subject to fluctuations based upon the scope of services to be provided, as well as factors affecting the time required to complete the project. Backlog is not necessarily indicative of future results. In addition to our backlog under contract, we also have a substantial number of projects in negotiation or pending award at any given time.

Fluctuations in Quarterly Results

Our quarterly revenues and results of operations may fluctuate significantly depending upon the mix, size, scope, and progress schedules of our projects under contract, permitting, weather or other delays, the productivity of our labor force and the utilization of our equipment. These factors, as well as others, affect the rate at which revenue is recognized as projects are completed.

Competition

In our marine segment, we compete with several regional marine construction services companies and a few national marine construction services companies. From time to time, we compete with certain national land-based heavy civil contractors. In our concrete segment, we compete mostly in the private sector and our competitors range from small, local construction companies to large regional and national construction companies.

Both of our segments are highly fragmented with competitors generally varying within the markets we serve and with few competitors competing in all of the markets we serve or for all of the services that we provide. We believe that our turnkey capability, expertise, experience and reputation for providing safe and timely quality services, safety record and programs, versatile equipment fleet, financial strength, surety bonding capacity, knowledge of local markets and conditions, and project management and estimating abilities allow us to compete effectively. We believe significant barriers to entry exist in the markets in which we operate, including the ability to bond large projects, maritime law constraints, specialized marine equipment and technical experience; however, a U.S. company that has adequate financial resources, access to technical expertise, and specialized equipment may become a competitor.

Insurance and Bonding

We maintain general and excess liability, construction equipment and workers' compensation insurance; all in amounts adequate for our operating needs and consistent with industry practice.

In connection with both segments of the business, we generally are required to provide various types of surety bonds that provide security for our performance under certain public and private sector contracts. Our ability to obtain surety bonds depends upon our capitalization, adequate working capital, past performance, management expertise, and external factors, including the capacity of the overall surety market. Surety companies consider such factors in light of the amount of our backlog that we have currently bonded and their own current underwriting standards, which may change from time to time. The capacity of the surety market is subject to market-driven fluctuations driven primarily by the level of surety industry losses and the degree of surety market consolidation. Although we do not believe that fluctuations in surety market capacity have significantly affected our ability to grow our business, there is no assurance that it will not significantly affect our ability to obtain new contracts in the future. The bonds we provide typically are for the contract amount of the project. At December 31, 2018, our capacity under our current bonding arrangement was \$500 million, with approximately \$133 million of remaining availability. We believe our strong balance sheet and working capital position will allow us to continue to access our bonding capacity.

Trade Names

We operate under a number of trade names. We consolidate our operations under the brand name "Orion Group Holdings, Inc." We may be known as Orion Marine Group, Orion Marine Construction, Orion Marine Contractors, Orion Construction, East and West Jones Placement Area, Schneider E&C, Orion Industrial Construction, Orion Concrete Construction, T.A.S. Commercial Concrete Construction, LLC, T.A.S. Commercial Concrete Solutions, LLC, T.A.S. Proco, LLC, or Houston Industrial Tool Services, as well as our former names of King Fisher Marine Service, F. Miller Construction, T. W. LaQuay Dredging, Misener Marine Construction, Misener Diving & Salvage, Northwest Marine Construction and West Construction. We do not generally register our trademarks with the U.S. Patent & Trademark Office, but instead rely on state and common law protections. While we consider our trade names to be valuable assets, we do not consider any single trademark or trade name to be of such material importance that its absence would cause a material disruption of our business.

Equipment

We operate and maintain a large and diverse equipment fleet in our marine and concrete segments, substantially all of which we own, that includes the following:

- *Barges* - spud barges, material barges, deck barges, anchor barges, hopper barges, and fuel barges. These vessels are used to provide work platforms for cranes and other equipment, to transport materials to the project site and to provide support for the project at the project site.
- *Dayboats* - small pushboats, dredge tenders and skiffs are used to shift barges at the project site, to move personnel and to provide general support to the project site.

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- *Tugs* - larger pushboats and tug boats are used to transport barges and other support equipment to and from the project site.
- *Dredges* - 24" cutter head suction dredges (diesel), 20" cutter head suction dredge (diesel/electric), 20" cutter head suction dredges (diesel), 16" cutter head suction dredges, and 12" portable cutter head suction dredges are used to provide dredging services at project sites.
- *Cranes* - crawler lattice boom cranes with lift capability from 50 tons to 400 tons and hydraulic rough terrain cranes with lift capability from 15 tons to 60 tons are used to provide lifting and pile driving capabilities on project sites, and to provide bucket work, including mechanical dredging and dragline work, to project sites.
- *Tower Cranes* - Capable of being assembled to reach heights of 281 feet and have a capacity of 44,000 pounds with a maximum of 242 foot working radius.
- *Pump Trucks* - concrete pump trucks are large, diesel-powered trucks mounted with a powerful pump, and an extendable, sectioned hose or cylinder to help facilitate the placement of concrete for construction projects.
- *Laser Screeds* - laser screeds are self-propelled four wheel drive, four wheel steer units that encompass a 20' telescoping boom with a 12' wide placement head. The screed head itself consists of 3 parts: the plow, the auger, and the vibrator. The plow disperses the concrete evenly, the auger removes the excess material to finished grade, and the vibrator smooths the surface. The screed has an on board computer system able to determine the correct elevation height and provide commands for elevation control.

We believe that ownership of certain equipment is generally preferable to leasing or rental in some cases because it ensures the equipment is available as needed and normally results in lower costs. We continually monitor and adjust our fleet size so that it is consistent with the size of the business, considering both existing backlog and expected future work. We believe that our equipment is well maintained and suitable for our current operations. We have the ability to extend the useful life of our equipment through capital refurbishment at periodic intervals. Most of our fleet is serviced by our own mechanics who work at various maintenance sites and facilities. We are also capable of building, and have built, much of our highly specialized equipment. Our strategy is to move our fleet from project to project as required. The assets (including equipment) are pledged as collateral under the Credit Facility.

Equipment Certification

In our marine segment, some of our equipment requires certification by the U.S. Coast Guard. All equipment which requires certification has obtained such certification and is maintained in good standing thereunder. In addition, where required, our vessels' permissible loading capacities require certification by the American Bureau of Shipping ("ABS"). The ABS is an independent classification society which certifies that certain of our larger, seagoing vessels are "in-class," signifying that the vessels have been built and maintained in accordance with ABS standards and applicable U.S. Coast Guard rules and regulations. All of our vessels that are required to be certified by the ABS have been certified as "in-class." These certifications indicate that the vessels are structurally capable of operating in open waters, which enhances the mobility of our fleet.

Government Regulations

We are required to comply with the macro regulatory requirements of federal, state and local governmental agencies and authorities including the following:

- regulations concerning workplace safety, labor relations and disadvantaged businesses;
- licensing requirements applicable to shipping and dredging; and
- permitting and inspection requirements applicable to marine construction projects.

In our marine segment, we are also subject to government regulations pursuant to the Dredging Act, the Merchant Marine Act of 1920, commonly referred to as the "Jones Act", the Shipping Act and the Vessel Documentation Act. These statutes require vessels engaged in the transport of merchandise or passengers between two points in the United States or dredging in the navigable waters of the U.S. to be documented with a coastwise endorsement, to be owned and controlled by U.S. citizens, to be manned by U.S. crews, and to be built in the U.S. The U.S. citizenship ownership and control standards require the vessel-owning entity to be at least 75% U.S. citizen owned, and prohibit the demise or bareboat chartering of the vessel to any entity that does not meet the 75% U.S. citizen ownership test. These statutes, together with similar requirements for other sectors of the maritime industry, are collectively referred to as "cabotage" laws.

In both our marine and concrete segments, we are subject to the requirements of OSHA and certain regulations for the EPA.

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We believe that we are in material compliance with applicable regulatory requirements and have all material licenses required to conduct our operations.

Environmental Matters

General

Our marine infrastructure construction, salvage, demolition, dredging and dredge material disposal activities are subject to stringent and complex federal, state, and local laws and regulations governing environmental protection, including air emissions, water quality, solid waste management, marine and bird species and their habitats, and wetlands. A portion of our construction contracts are entered into with public authorities and frequently impose additional governmental requirements, including requirements regarding labor relations.

Such laws and regulations may require that both segments and their customers obtain, and comply with, various environmental permits, registrations, licenses and other approvals. These laws and regulations also can restrict or impact the business activities in many ways, such as delaying the appropriation and performance of particular projects; restricting the way we handle or dispose of wastes; requiring remedial action to mitigate pollution conditions that may be caused by our operations or that are attributable to others; and enjoining some or all of our operations deemed in non-compliance with environmental laws and regulations. Failure to comply with these laws and regulations may result in the assessment of administrative, civil and/or criminal penalties, the imposition of remedial obligations and the issuance of orders enjoining future operations.

We believe that compliance with existing federal, state and local environmental laws and regulations will not have a material adverse effect on our business, results of operations, or financial condition. In addition, we could be affected by future laws or regulations. As a result, there can be no assurance as to the amount or timing of future expenditures for environmental compliance or remediation, and actual future expenditures may be different from the amounts we currently anticipate. The following is a discussion of the environmental laws and regulations that could have a material effect on our marine and concrete construction services.

Waste Management

Our operations could be subject to the federal Resource Conservation and Recovery Act (“RCRA”) and comparable state laws, which impose detailed requirements for the handling, storage, treatment and disposal of hazardous and non-hazardous solid wastes. Under the auspices of the EPA, the individual states administer some or all of the provisions of RCRA, sometimes in conjunction with their own, more stringent, requirements. Generators of hazardous wastes must comply with certain standards for the accumulation and storage of hazardous wastes, as well as recordkeeping and reporting requirements applicable to hazardous waste storage and disposal activities.

Site Remediation

The Comprehensive Environmental Response, Compensation and Liability Act (“CERCLA”), also known as “Superfund,” and comparable state laws and regulations impose liability, without regard to fault or the legality of the original conduct, on certain classes of persons responsible for the release of hazardous substances into the environment. Such classes of persons include the current and past owners or operators of sites where a hazardous substance was released, and companies that disposed or arranged for the disposal of hazardous substances at offsite locations, such as landfills. CERCLA authorizes the EPA, and in some cases third parties, to take actions in response to threats to the public health or the environment and to seek to recover from the responsible classes of persons the costs they incur. Under CERCLA, such persons may be subject to joint and several liability for the costs of cleaning up the hazardous substances that have been released into the environment, for damages to natural resources and for the costs of certain health studies. In addition, neighboring landowners and other third parties often file claims for personal injury and property damage allegedly caused by the hazardous substances released into the environment.

We currently own or lease properties that have been used by other industries for a number of years. Although we typically have used operating and disposal practices that were standard in the industry at the time, wastes may have been disposed of or released on or under the properties owned or leased by us, on or under other locations where such substances have been taken for disposal, or on or under project sites where we perform work. In addition, some of the properties may have been operated by third parties or by previous owners whose treatment and disposal or release of wastes was not under our control. These properties and the substances disposed or released on them may be subject to CERCLA, RCRA and analogous state laws. Under such laws, we could be required to remove or remediate previously disposed wastes or property contamination, or to perform remedial activities to prevent future contamination.

Water Discharges

The Federal Water Pollution Control Act, also known as the Clean Water Act (“CWA”), and analogous state laws impose strict controls with respect to the discharge of pollutants, including spills and leaks of oil and other substances, into waters of the United

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States, including wetlands. The discharge of pollutants into regulated waters is prohibited, except in accordance with the terms of a permit issued by the EPA or an analogous state agency. The CWA also regulates the discharge of dredged or fill material into waters of the U.S., and activities that result in such discharge generally require permits issued by the Corps of Engineers. Moreover, above ground storage of petroleum products is strictly regulated under the CWA. Under the CWA, federal and state regulatory agencies may impose administrative, civil and/or criminal penalties for non-compliance with discharge permits or other requirements of the CWA and analogous state laws and regulations.

The Oil Pollution Act of 1990 (“OPA”), which amends and augments the CWA, establishes strict liability for owners and operators of facilities that are sites of releases of oil into waters of the U.S. OPA and its associated regulations impose a variety of requirements on responsible parties related to the prevention of oil spills and liability for damages resulting from such spills. For instance, OPA requires vessel owners and operators to establish and maintain evidence of financial responsibility sufficient to cover liabilities related to an oil spill for which such parties are statutorily responsible. We believe we are in compliance with all applicable OPA financial responsibility obligations and equipment requirements.

In 2009, regulations promulgated by the EPA covering certain previously exempt discharges to water from certain marine vessels became effective. The regulations provide for a general permit to cover such discharges and impose on marine vessel operators, including us, certain discharge, permitting, record keeping, reporting, monitoring, maintenance, and operating restrictions and requirements with respect to materials that are or may be discharged from certain vessels. Applicability of these restrictions and requirements is based on size and type of vessel, and they apply only to a minority of our vessels. We, nevertheless, are implementing such restrictions and requirements with respect to our vessels which are subject thereto, and we do not anticipate that such regulations or the associated permit terms, restrictions and requirements will adversely impact our business and results of operations.

Air Emissions

The Clean Air Act (“CAA”) and comparable state laws restrict the emission of air pollutants from many sources, including paint booths, and may require pre-approval for the construction or modification of certain facilities expected to produce air emissions, impose stringent air permit requirements, or require the utilization of specific equipment or technologies to control emissions. We believe that our operations are in substantial compliance with the CAA.

Climate Change

The U.S. Congress may consider legislation to reduce emissions of greenhouse gases in response to climate change concerns. In addition, several states have declined to wait on Congress to develop and implement climate control legislation and have already taken legal measures to reduce emissions of greenhouse gases. Passage of climate control legislation or other regulatory initiatives by Congress or various states, or the adoption of regulations by the EPA and analogous state agencies that restrict emissions of greenhouse gases in areas in which we conduct business could have an adverse effect on our operations and demand for our services.

Endangered Species

The Endangered Species Act (“ESA”) restricts activities that may affect endangered species or their habitats. We conduct activities in or near areas that may be designated as habitat for endangered or threatened species. For instance, seasonal observation of endangered or threatened West Indian Manatees adjacent to work areas may impact construction operations in Florida during the winter months. Additionally, our dredging operations in Florida are impacted by limitations for placement of dredge spoil materials on designated spoil disposal islands, from April through August of each year, when the islands are inhabited by nesting colonies of protected bird species. Further, restrictions on work during the Whooping Crane nesting period in the Aransas Pass National Wildlife Refuge from October 1 through April 15 each year and during the non-dormant grass season for sea grass in the Laguna Madre from March 1 through November 30 each year impact our construction operations in the Texas Gulf Coast area. We plan our operations and bidding activity with these restrictions and limitations in mind, and they have not materially hindered our business in the past. However, these and other restrictions may affect our ability to obtain work or to complete our projects on time in the future. In addition, while we believe that we are in material compliance with the ESA, the discovery of previously unidentified endangered species could cause us to incur additional costs or become subject to operating restrictions or bans in the affected area.

Employees

At December 31, 2018, our marine segment had 804 employees, 254 of whom were full-time salaried personnel and most of the remainder of whom were hourly personnel. Our concrete segment had 1,683 employees, 329 of whom were full-time salaried personnel and most of the remainder of whom were hourly personnel.

From time to time, we hire additional employees for certain large projects and, subject to local market conditions, additional crew members are generally available for hire on relatively short notice. We believe our employees are our most valuable resource,

and our workforce possesses a strong dedication to and pride in our company. Our employees are not currently represented by labor unions, except certain employees in our marine segment located in the Pacific Northwest and Alaska, in respect of which collective bargaining agreements are in place. Employees represented by collective bargaining agreements in our marine segment represent approximately 2% of our total workforce. Currently, there are no employees represented by collective bargaining agreements in our concrete segment.

Financial Information About Geographic Areas

We are a project-driven marine and concrete contractor, and our operations represent two reportable segments for financial reporting. Our business is primarily conducted along the coastal regions of the United States for our marine segment and in the metropolitan areas of Texas for our concrete segment. Revenues generated from our marine segment outside the United States, primarily in the Caribbean Basin and Mexico, totaled 2.3%, 1.6%, and 1.3% of total revenues for the years ended December 31, 2018, 2017 and 2016, respectively. Our long-lived assets are substantially located in the United States.

Access to the Company's Filings

We maintain a website at www.oriongroup Holdingsinc.com on which we make available, free of charge, access to the various reports we file with, or furnish to, the SEC. The website is made available for information purposes only. It should not be relied upon for investment purposes, and none of the information on our website is incorporated into this Annual Report on Form 10-K by reference. The SEC maintains an Internet site at www.sec.gov that contains reports, proxy and information statements and other information regarding issuers that file electronically with the SEC.

Item 1A. RISK FACTORS

We operate in a changing environment that involves numerous known and unknown risks and uncertainties that could materially adversely affect our business, financial condition, and results of operations. The risks described below highlight some of the factors that have affected and could affect us in the future. We may also be affected by unknown risks or risks that we currently think are immaterial. If any such events actually occur, our business, financial condition, and results of operations could be materially adversely affected.

Risk Factors Relating to Our Business

We rely on highly competitive and highly regulated government contracts.

Government funding for public works projects is limited, thus creating a highly competitive environment for the limited number of public projects available. Reduced levels of, or delays in, government funding cause delays in project lettings and result in intense competition and pricing pressure for such projects. In addition, government contracts are subject to specific procurement regulations, contract provisions and a variety of regulatory requirements relating to their formation, administration, performance and accounting. Many of these contracts include express or implied certifications of compliance with applicable laws and contract provisions. As a result, any violations of these regulations could bring about litigation, including the possibility of qui tam ("Whistle Blower") litigation brought by private individuals on behalf of the government under the Federal Civil False Claims Act, and could cause termination of other existing government contracts and result in the loss of future government contracts. Due to the significant competition in the marketplace and the level of regulations on government contracts, we could suffer reductions in new projects and see lower revenues and profit margins on those projects, which could have a material adverse effect on the business, operating results and financial condition.

Our operations are susceptible to a variety of adverse conditions including weather conditions, natural disasters and terrorist attacks that could negatively impact the markets in which we operate.

Our business, operating results and financial condition could be materially and adversely affected by severe weather and other natural disasters, such as earthquakes or hurricanes, particularly along the Gulf Coast, the West Coast, the Atlantic Seaboard, and the Caribbean Basin. Repercussions of severe weather conditions could cause significant interruption of projects in process and have safety implications to personnel at those sites.

Terrorist attacks, targeted at ports, marine facilities or shipping could affect the markets in which we operate our business and our expectations. Increased armed hostilities, terrorist attacks or responses from the United States may lead to further acts of terrorism and civil disturbances in the United States or elsewhere, which may further contribute to economic instability in the United States. These attacks or armed conflicts may affect our operations or those of our customers or suppliers and could impact our revenues, our production capability and our ability to complete contracts in a timely manner.

We depend on continued growth in population to support residential and nonresidential construction for our concrete construction segment.

Our concrete segment depends on continued growth in population to support residential and nonresidential construction. A growing population generates economic growth and expansion in construction for retail, office buildings, etc. If the population decreases or slows in growth, it often times adversely affects economic growth, which ultimately limits the need for residential and nonresidential construction services in the areas we currently perform services.

The timing of new contracts may result in volatility in our cash flow and profitability. These factors as well as others that may cause our actual financial results to vary from any publicly disclosed earnings guidance and forecasts are outside of our control.

Our revenues are generated from project-based work. It is generally very difficult to predict the timing and source of awarded contracts. The selection of, timing of, or failure to obtain projects, delays in awards of projects, the rebidding or termination of projects due to budget overruns, or the cancellations of projects or delays in completion of contracts could result in the under-utilization of our assets and reduce our cash flows and profitability. Even if we are awarded contracts, we face additional risks that could affect whether, or when, work will begin. For example, some of our contracts are subject to financing and other contingencies that may delay or result in termination of projects. This may make it difficult to match workforce size and equipment location with contract needs. In some cases, we may be required to bear the cost of a readily available workforce and fleet of equipment that is larger than needed at the time, resulting in unpredictability in our cash flow, expenses and profitability. If an expected contract award or the related notice to proceed is delayed or not received, we could incur substantial costs without receipt of any corresponding revenues. Delays by our customers in obtaining required approvals and permits for their infrastructure projects may delay their awarding contracts for those projects and, once awarded, the ability to commence construction under those contracts. Moreover, construction projects for which our services are contracted may require significant expenditures by us prior to receipt of relevant payments by a customer and may expose us to potential credit risk if such customer should encounter financial difficulties. Such expenditures could reduce our cash flows and necessitate increased borrowings under our credit facility. Finally, the winding down or completion of work on significant projects that were active in previous periods will reduce our revenue and earnings if such significant projects have not been replaced in the current period. From time to time we may publicly provide earnings or other forms of guidance, which reflect our predictions about future revenue, operating costs and capital structure, among other factors. Any such predictions may be impacted by these factors as well as others that are beyond our control and might not turn out to be accurate.

Fluctuations in commodity prices may affect our customers' investment decisions and therefore subject us to risks of cancellation, delays in existing work, or changes in the timing and funding of new awards. Additionally, fluctuations in commodity prices can negatively affect our project costs.

Commodity prices can affect our customers in a number of ways. For example, for those customers that produce commodity products such as oil, gas, concrete, steel products, fluctuations in price can have a direct effect on their profitability and cash flow and, therefore, their willingness to continue to invest or make new capital investments. To the extent commodity prices decline or fluctuate and our customers defer new investments or cancel or delay existing projects, the demand for our services decreases, which may have a material adverse impact on the business, financial condition, and results of operations.

Commodity prices can also strongly affect the costs of projects. We use concrete and steel as well as diesel fuel and other petroleum-based products to operate our equipment used in our construction contracts. Fluctuations in supplies relative to demand and other factors can cause unanticipated increases in their cost. Rising commodity prices can negatively impact the potential returns on projects that are planned, as well as those in progress, and result in customers deferring new investments or canceling or delaying existing projects. The short-term nature of the majority of our projects typically protects us from these potential price increases, however, if we are unable to procure commodities for completion of our projects at estimated prices due to rising commodity prices, our margins may erode on certain in progress or future projects.

We may be unable to obtain sufficient bonding capacity for our contracts and the need for performance and surety bonds may adversely affect our business.

As more fully described in "Insurance and Bonding" under "Item 1. Business," we are generally required to post bonds in connection with government and certain private sector contracts to ensure job completion. We have entered into a bonding agreement with a large multinational surety which acts as surety, issues bid bonds, performance bonds and payment bonds, and obligates itself upon other contracts of guaranty required by us in the day-to-day operations of our business. However, our surety is not obligated under the bonding agreement to issue bonds for us and bonding decisions are made on a case-by-case basis. We may not be able to maintain a sufficient level of bonding capacity in the future, which could preclude us from being able to bid for certain contracts and successfully contract with certain customers, or cause us to have to increase our letter of credit utilization in lieu of bonds, thereby reducing available borrowing capacity under our credit facility. In addition, the conditions of the bonding market may

change, increasing our costs of bonding or restricting our ability to get new bonding which could have a material adverse effect on our business, operating results and financial condition.

Our business depends on good customer relationships and our reputation in both the marine and concrete infrastructure markets, which is developed and maintained by our executives and key project managers. Loss of any of our relationships, reputation or executives or key project managers could materially reduce our revenues and profits.

Our contracts are typically entered into on a project-by-project basis, so we generally do not have continuing contractual commitments with our customers beyond the terms of the current contract. We benefit from key customer relationships built over time and with both public and private entities. We also benefit from our reputation in the marine and concrete infrastructure markets developed over years of successfully performing on projects. Both of these aspects of our business were developed and are maintained through our executives and key project managers. Our inability to retain our executives and key project managers or inability to complete projects timely and successfully resulting in customer satisfaction could have a material adverse effect on our current customer relationships and reputation. The inability to maintain relationships with our customers in general or obtain new customers based on our reputation could have a material adverse effect on our business, operating results and financial condition.

We may not be able to fully realize the revenue value reported in our backlog.

As of December 31, 2018, we had a backlog of work to be completed on contracts totaling approximately \$256.7 million in our marine segment and approximately \$183.7 million in our concrete segment. Backlog develops as a result of new awards, which represent the potential revenue value realizable pursuant to new project commitments received by us during a given period.

Backlog consists of awarded projects which have either (a) not yet been started or (b) are in progress but are not yet complete. In the latter case, the revenue value reported in backlog is the remaining value related to work that has not yet been completed. We cannot guarantee that the revenue projected in our backlog will be realized, or if realized, will result in earnings. From time-to-time, projects are cancelled that appeared to have a high certainty of going forward at the time they were recorded as new awards. In the event of a project cancellation, we may be reimbursed for certain costs but typically have no contractual right to recover the total revenue reflected in our backlog. In addition to being unable to recover certain direct costs, cancelled projects may also result in additional unrecoverable costs due to the resulting under-utilization of our assets or labor force.

We could suffer contract losses if we fail to accurately estimate our costs or fail to execute within our cost estimates on fixed-price, lump-sum contracts.

Much of our revenue is derived from fixed-price, lump-sum contracts. Under these contracts, we perform our services and execute our projects at a fixed price and where, as a result, we could benefit from cost savings, but we may be unable to recover any cost overruns. Fixed-price contracts carry inherent risks, including risks of losses from underestimating costs, operational difficulties and other factors that may occur over the contract period. If our cost estimates for a contract are inaccurate, or if we do not execute the contract within our cost estimates, we may incur losses or the project may not be as profitable as we expected. In addition, we are sometimes required to incur costs in connection with modifications to a contract (change orders) that may not be approved by the customer as to scope and/or price, or to incur unanticipated costs, including costs for customer-caused delays, errors in specifications or designs, or contract suspension or termination that we may not be able to recover. These, in turn, could have a material adverse effect on our business, operating results and financial condition. The revenue, cost and gross profit realized on such contracts can vary, sometimes substantially, from the original projections due to changes in a variety of factors, such as:

- failure to properly estimate costs of engineering, design, material, equipment or labor;
- unanticipated technical problems with the structures or services being supplied by us, which may require that we spend our own funds to remedy the problem;
- project modifications creating unanticipated costs;
- differing site conditions;
- changes in the costs of equipment, materials, labor or subcontractors;
- our suppliers' or subcontractors' failure to perform;
- difficulties in our customers obtaining required governmental permits or approvals;
- changes in local laws and regulations;
- delays caused by local weather conditions; and
- exacerbation of any one or more of these factors as projects grow in size and complexity.

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These risks increase if the project is of a long-term duration because of the elevated risk that the circumstances upon which we based our original bid will change in a manner that increases costs. In addition, we sometimes bear the risk of delays caused by unexpected conditions or events.

We could suffer penalties on our contracts for late completion.

In many instances, including in our fixed-price contracts, we guarantee that we will complete a project by a scheduled date. If we subsequently fail to complete the project as scheduled, without sufficient justification, we may be liable for any customer losses resulting from such delay, generally in the form of contractually agreed-upon liquidated damages. In addition, failure to maintain a required schedule could cause us to default on our government contracts, giving rise to a variety of potential damages. To the extent that these events occur, the total costs of the project could exceed our original estimates, and we could experience reduced profits or, in some cases, a loss for that project.

Our projects could be hindered due to our dependence on third parties to complete many of our contracts.

A portion of the work performed under our contracts is performed by third-party subcontractors we hire. We also rely on third-party equipment manufacturers or suppliers to provide much of the materials used for projects. If we are unable to hire qualified subcontractors or find qualified equipment manufacturers or suppliers, our ability to successfully complete a project could be impaired. If we are not able to locate qualified third-party subcontractors or the amount we are required to pay for subcontractors or equipment and supplies exceeds what we have estimated, especially in a lump-sum or a fixed-price contract, we may suffer losses on these contracts. If a subcontractor, supplier, or manufacturer fails to provide services, supplies or equipment as required under a contract for any reason, we may be required to source these services, equipment or supplies to other third parties on a delayed basis or on less favorable terms, which could impact contract profitability. There is a risk that we may have disputes with our subcontractors relating to, among other things, the quality and timeliness of work performed, customer concerns about the subcontractor, or our failure to extend existing task orders or issue new task orders under a contract. In addition, faulty workmanship, equipment or materials could impact the overall project, resulting in claims against us for failure to meet required project specifications.

In the current economic environment, third parties may find it difficult to obtain sufficient financing to help fund their operations. The inability to obtain financing could adversely affect a third party's ability to provide materials, equipment or services which could have a material adverse impact on our business, financial condition, and results of operations. In addition, a failure by a third party subcontractor, supplier or manufacturer to comply with applicable laws, regulations or client requirements could negatively impact our business and, for government clients, could result in fines, penalties, suspension or even debarment being imposed on us, which could have a material adverse impact on our business, financial condition, and results of operations.

We may incur higher costs to acquire, manufacture and maintain equipment necessary for our operations.

We have traditionally owned the majority of the equipment used in our projects, and we do not bid on contracts for which we do not have, or cannot quickly procure, whether through construction, acquisition or lease, the necessary equipment to complete projects. We are capable of building much of the specialized equipment used in our projects, including dayboats, tenders and dredges. To the extent that we are unable to buy or build equipment necessary for our needs, either due to a lack of available funding or equipment shortages in the marketplace, we may be forced to rent equipment on a short-term basis, which could increase the costs of completing contracts, thereby reducing contract profitability. In addition, our equipment requires continuous maintenance, which we primarily provide through our own repair facilities, as well as certification by the U.S. Coast Guard for certain marine segment assets. If we are unable to continue to maintain the equipment in our fleet or are unable to obtain the requisite certifications, we may be forced to obtain third-party repair services, be unable to use our uncertified equipment or be unable to bid on contracts, which could have a material adverse effect on our business, operating results and financial condition.

In addition, our vessels in the marine segment may be subject to arrest or seizure by claimants as security for maritime torts committed by the vessel or us or the failure by us to pay for necessities, including fuel and repair services, which were furnished to the vessel. Such arrest or seizure could preclude the vessel from working, thereby causing delays in marine segment projects.

We may be subject to unionization, work stoppages, slowdowns or increased labor costs.

Only a small percentage of our marine segment workforce, located in the Pacific Northwest and Alaska, is currently unionized. If at any time, a majority of our employees unionized, it could limit the flexibility of the workforce and could result in demands that might increase our operating expenses and adversely affect our profitability. Each of our different employee groups could unionize at any time and would require separate collective bargaining agreements. If any group of our employees were to unionize and we were unable to agree on the terms of their collective bargaining agreement or we were to experience widespread employee dissatisfaction, we could be subject to work slowdowns or stoppages. In addition, we may be subject to disruptions by organized labor groups protesting our non-union status. Any of these events would be disruptive to our operations and could have a material adverse effect on the business, operating results and financial condition.

Our business is subject to significant operating risks and hazards that could result in damage or destruction to property, which could result in losses or liabilities to us.

Construction and maintenance sites are potentially dangerous workplaces and often put our employees and others in close proximity with mechanized equipment, moving vehicles, etc. On most sites, we are responsible for safety and, accordingly, must implement safety procedures. Our safety record is an important consideration for us and for our customers. If serious accidents or fatalities occur or our safety record was to deteriorate, we may be ineligible to bid on certain work, expose ourselves to possible litigations, and existing service arrangements could be terminated, thus having a material adverse impact on our financial position, results of operations, cash flows and liquidity. Further, regulatory changes implemented by OSHA or the U.S. Coast Guard could impose additional costs on us. Adverse experience with hazards and claims could have a negative effect on our reputation with our existing or potential new customers and our prospects for future work.

The businesses of marine infrastructure construction, port maintenance, dredging and salvage are generally subject to a number of risks and hazards, including environmental hazards, industrial accidents, hurricanes, adverse weather conditions, collisions with fixed objects, cave-ins, encountering unusual or unexpected geological formations, disruption of transportation services and flooding. These risks could result in damage to or destruction of, dredges, transportation vessels, other maritime structures and buildings, and could also result in personal injury or death, environmental damage, performance delays, monetary losses or legal liability.

In the concrete segment, our workers are subject to the usual hazards associated with providing construction and related services on construction sites including environmental hazards, industrial accidents, hurricanes, adverse weather conditions, and flooding. Operating hazards can cause personal injury or death, damage to or destruction of property, plant and equipment, environmental damage, performance delays, monetary losses or legal liability.

Our current insurance coverage may not be adequate, and we may not be able to obtain insurance at acceptable rates, or at all.

We maintain various insurance policies, including general liability and workers' compensation. We are partially self-insured under some of our policies, and our insurance does not cover all types or amounts of liabilities. We are not required to, and do not, specifically set aside funds for our self-insurance programs.

At any given time, we are subject to multiple workers' compensation and personal injury claims. We maintain substantial loss accruals for workers' compensation claims, and, until recently, our workers' compensation and insurance costs have been rising for several years notwithstanding our emphasis on safety. Our insurance policies may not be adequate to protect us from liabilities that we incur in our business. In addition, some of the projects that we bid on require us to maintain high levels of builder's risk insurance. We may not be able to obtain similar levels of insurance on reasonable terms, or at all. Our inability to obtain such insurance coverage at acceptable rates or at all could have a material adverse effect on our business, operating results and financial condition.

Furthermore, due to a variety of factors such as increases in claims and projected significant increases in medical costs, our insurance premiums may increase in the future and we may not be able to obtain similar levels of insurance on reasonable terms, or at all. Any such inadequacy of, or inability to obtain, insurance coverage at acceptable rates, or at all, could have a material adverse effect on our business, operating results and financial condition.

Insurance liabilities are difficult to assess and quantify due to unknown factors, including the severity of an injury, the determination of our liability in proportion to other parties, the number of incidents not reported and the effectiveness of our safety program. If we were to experience insurance claims or costs above our estimates, we might be required to use working capital to satisfy these costs rather than to maintain or expand our operations. To the extent that we experience a material increase in the frequency or

severity of accidents or workers' compensation and health claims, or unfavorable developments on existing claims, our operating results and financial condition could be materially and adversely affected.

Our employees in the marine segment are covered by federal laws that provide seagoing employees remedies for job-related claims in addition to those provided by state laws.

Many of our marine segment employees are covered by federal maritime law, including provisions of the Jones Act, the Longshore and Harbor Workers Act, ("USL&H") and the Seaman's Wage Act. Jones Act laws typically operate to make liability limits established by USL&H and state workers' compensation laws inapplicable to these employees and to permit these employees and their representatives to pursue litigation against employers for job-related injuries. Because in some cases we are not protected by the limits imposed by state workers' compensation statutes, we have greater exposure for claims made by these employees as compared to employers whose employees are not covered by these provisions.

For example, in the normal course of business, we are a defendant in various personal injury lawsuits. We maintain insurance to cover claims that arise from injuries to our workforce subject to a deductible. During 2018, we recorded approximately \$0.6 million of expense for our self-insured portion of these liabilities. We believe our recorded self-insurance reserves represent our best estimate of the outcomes of these claims. Should negative trends persist; we could continue to be negatively impacted in the future.

Our operations are subject to environmental laws and regulations that may expose us to significant costs and liabilities.

Our marine infrastructure construction, salvage, demolition, dredging and dredge material disposal activities are subject to stringent and complex federal, state and local environmental laws and regulations, including those concerning air emissions, water quality, solid waste management, and protection of certain marine and bird species, their habitats, and wetlands. We may incur substantial costs in order to conduct our operations in compliance with these laws and regulations. For instance, we may be required to obtain, maintain and comply with permits and other approvals (as well as those obtained for projects by our customers) issued by various federal, state and local governmental authorities; limit or prevent releases of materials from our operations in accordance with these permits and approvals; and install pollution control equipment. In addition, compliance with environmental laws and regulations can delay or prevent our performance of a particular project and increase related project costs. Moreover, new, stricter environmental laws, regulations or enforcement policies, including those imposed in response to climate change, could be implemented that significantly increase our compliance costs, or require us to adopt more costly methods of operation.

Failure to comply with environmental laws and regulations, or the permits issued under them, may result in the assessment of administrative, civil and criminal penalties, the imposition of remedial obligations and the issuance of injunctions limiting or preventing some or all of our operations. In addition, strict joint and several liability may be imposed under certain environmental laws, which could cause us to become liable for the investigation or remediation of environmental contamination that resulted from the conduct of others or from our own actions that were in compliance with all applicable laws at the time those actions were taken. Further, it is possible that we may be exposed to liability due to releases of pollutants, or other environmental impacts that may arise in the course of our operations. For instance, some of the work we perform is in underground and water environments, and if the field location maps or waterway charts supplied to us are not accurate, or if objects are present in the soil or water that are not indicated on the field location maps or waterway charts, our underground and underwater work could strike objects in the soil or the waterway bottom containing pollutants and result in a rupture and discharge of pollutants. In addition, we sometimes perform directional drilling operations below certain environmentally sensitive terrains and water bodies, and due to the inconsistent nature of the terrain and water bodies, it is possible that such directional drilling may cause a surface fracture releasing subsurface materials. These releases may contain contaminants in excess of amounts permitted by law, may expose us to remediation costs and fines and legal actions by private parties seeking damages for non-compliance with environmental laws and regulations or for personal injury or property damage. We may not be able to recover some or any of these costs through insurance or increased revenues, which may have a material adverse effect on our business, operating results and financial condition. See "Business - Environmental Matters" for more information.

Our concrete segment is subject to extensive and complex regulations that affect land development and building construction, including zoning, density restrictions, building design and building standards. These regulations often provide broad discretion to the administering governmental authorities as to the conditions we must meet prior to development or construction being approved, if approved at all. We are subject to determinations by these authorities as to the adequacy of water or sewage facilities. New building developments may also be subject to various assessments for schools and other public improvements. In addition, in many markets government authorities have implemented no growth or growth control initiatives. Any of these can limit, delay or increase the costs of development and construction.

The anticipated investment in port and marine infrastructure may not be as large as expected, which may result in periods of low demand for our marine construction services.

The demand for port construction, maintenance infrastructure services and dredging may be vulnerable to downturns in the economy generally and in the marine transportation industry specifically. The amount of capital expenditures on port facilities and marine infrastructure in our markets is affected by the actual and anticipated shipping and vessel needs of the economy in general and in our geographic markets in particular. If the general level of economic activity deteriorates, our customers may delay or cancel expansions, upgrades, maintenance and repairs to their infrastructure. A number of other factors, including the financial condition of the shipping industry, could adversely affect our customers and their ability or willingness to fund capital expenditures in the future. During downturns in the U.S. or world economies, the anticipated port usage in our geographic markets may decline, resulting in less port construction, upgrading and maintenance. As a result, demand for our services could substantially decline for extended periods.

Restrictions on foreign ownership of our vessels could limit our ability to sell off any portion of our marine construction segment or result in the forfeiture of our vessels or in our inability to continue our operations in United States navigable waters.

The Dredging Act, the Jones Act, the Shipping Act and the Vessel Documentation Act require vessels engaged in the transport of merchandise or passengers between two points in the United States or dredging in the navigable waters of the United States to be owned and controlled by United States citizens. The United States citizen ownership and control standards require the vessel-owning entity to be at least 75% U.S. citizen-owned, thus restricting foreign ownership interests in the entities that directly or indirectly own the vessels which we operate. If we were to seek to sell any portion of our marine segment that owns any of these vessels, we may have fewer potential purchasers, since some potential purchasers might be unable or unwilling to satisfy the foreign ownership restrictions described above; additionally, any sales of certain of our larger vessels to foreign buyers would be subject to approval by the U.S. Maritime Administration. As a result, the sales price for that portion of our marine segment may not attain the amount that could be obtained in an unregulated market.

Our strategy of growing through strategic acquisitions may not be successful.

We may pursue growth through the acquisition of companies or assets that will enable us to broaden the types of projects we execute and also expand into new markets. We have completed several acquisitions and plan to consider strategic acquisitions in the future. We may be unable to implement this growth strategy if we cannot identify suitable companies or assets or reach agreement on potential strategic acquisitions on acceptable terms. Moreover, an acquisition involves certain risks, including:

- difficulties in the integration of operations, systems, policies and procedures;
- enhancements in our controls and procedures including those necessary for a public company may make it more difficult to integrate operations and systems;
- failure to implement proper overall business controls, including those required to support our growth, resulting in inconsistent operating and financial practices at companies we acquire or have acquired;
- termination of relationships with the key personnel and customers of an acquired company;
- additional financial and accounting challenges and complexities in areas such as tax planning, treasury management, financial reporting and internal controls;
- the incurrence of environmental and other liabilities, including liabilities arising from the operation of an acquired business or asset prior to our acquisition for which we are not indemnified or for which the indemnity is inadequate;
- disruption of or receipt of insufficient management attention to our ongoing business; and
- inability to realize the cost savings or other financial benefits that we anticipate.

Future acquisitions may require us to obtain additional equity or debt financing, which may not be available on attractive terms. Moreover, to the extent an acquisition transaction financed by non-equity consideration results in additional goodwill, it will reduce our tangible net worth, which might have an adverse effect on our credit and bonding capacity.

Risk Factors Relating to Our Accounting, Financial Results and Financing Plans

Our bonding requirements may limit our ability to incur indebtedness.

We generally are required to provide various types of surety bonds that provide an additional measure of security for our performance under certain government and private sector contracts. Our ability to obtain surety bonds depends upon various factors including our capitalization, working capital and amount of our indebtedness. In order to help ensure that we can obtain required bonds, we may be limited in our ability to incur additional indebtedness that may be needed for potential acquisitions and operations. Our inability to incur additional indebtedness could have a material adverse effect on our business, operating results and financial

condition.

Systems and information technology interruption or failure and data security breaches could adversely impact our ability to operate or expose us to significant financial losses and reputational harm.

We rely heavily on computer, information, and communications technology and related systems in order to properly operate our business. From time to time, we experience occasional system interruptions and delays. In the event we are unable to regularly deploy software and hardware, effectively upgrade our systems and network infrastructure, and take other steps to maintain or improve the efficiency and efficacy of our systems, the operation of such systems could be interrupted or result in the loss, corruption, or release of data. In addition, our computer and communication systems and operations could be damaged or interrupted by natural disasters, telecommunications failures, power loss, acts of war or terrorism, computer viruses, malicious code, physical or electronic security breaches, intentional or inadvertent user misuse or error, or similar events or disruptions. Any of these or other events could cause interruptions, delays, loss of critical and/or sensitive data or similar effects, which could have a material adverse impact on our business, financial condition, protection of intellectual property, and results of operations, as well as those of our clients.

In addition, we face the threat to our computer systems of unauthorized access, computer hackers, computer viruses, malicious code, organized cyber attacks and other security problems and system disruptions, including possible unauthorized access to and disclosure of our and our clients' proprietary or classified information. We rely on industry accepted security measures and technology to securely maintain all confidential and proprietary information on our computer systems, but they may still be vulnerable to these threats. As a result, we may be required to expend significant resources to protect against the threat of these system disruptions and security breaches or to alleviate problems caused by these disruptions and breaches. Any of these events could damage our reputation and have a material adverse effect on our business, financial condition, results of operations and cash flows.

Risks Related to Our Indebtedness

Our indebtedness requires significant debt service payments that could adversely affect our financial condition and prevent us from fulfilling our obligations under our indebtedness.

At December 31, 2018, our total consolidated indebtedness was approximately \$80.5 million. Per the Credit Agreement, the Term Loan Facility requires quarterly installment payments which increase throughout the life of the loan and have a date of maturity of July 31, 2023. We must also comply with various affirmative and negative covenants contained in our Credit Agreement, some of which may restrict the way in which we would like to conduct our business. Among other things, our requirements under our debt instruments could potentially limit our ability to:

- incur additional indebtedness or liens;
- make payments in respect of or redeem or acquire any debt or equity issued by us;
- sell assets;
- make loans or investments;
- make guarantees;
- enter into any hedging agreement for speculative purposes;
- acquire or be acquired by other companies; or
- amend some of our contracts.

The restrictions under our indebtedness may prevent us from engaging in certain transactions which might otherwise be considered beneficial to us, for example, they could:

- increase our vulnerability to general adverse economic and industry conditions;
- limit our ability to fund future working capital and capital expenditures, to engage in future acquisitions, to enter into new construction or development activities, or to otherwise fully realize the value of our assets and opportunities because of the need to dedicate a substantial portion of our cash flow from operations to payments on our indebtedness or to comply with any restrictive terms of our indebtedness;
- limit our flexibility in planning for, or reacting to, changes in our businesses and the industries in which we operate; and
- place us at a competitive disadvantage as compared to our competitors that have less debt.

We may incur additional indebtedness in the future under our existing Credit Agreement, by issuing debt instruments, under new credit agreements, under joint venture credit agreements, under capital leases or synthetic leases, on a project-finance or other basis or a combination of these. If we incur additional indebtedness in the future, it likely would be under our existing Credit Agreement or under arrangements that may have terms and conditions at least as restrictive as those contained in our existing Credit Agreement. At December 31, 2018, available capacity to borrow on the Revolving Line of Credit was \$42.2 million. Failure

to comply with the terms and conditions of any existing or future indebtedness would constitute an event of default. If an event of default occurs, the lenders will have the right to accelerate the maturity of such indebtedness and foreclose upon the collateral, if any, securing that indebtedness.

Our variable rate indebtedness subjects us to interest rate risk, which could cause our debt service obligations to increase significantly.

Borrowings under the Credit Facility allow for loans at variable rates of interest and expose us to interest rate risk. If interest rates increase, our debt service obligations on the variable rate indebtedness will increase even though the amount borrowed will remain the same, and our net income and operating cash flows, including cash available for servicing our indebtedness, will correspondingly decrease.

We have entered into a series of receive-variable, pay-fixed interest rate swaps. We use interest rate swap agreements to hedge market risks relating to possible adverse changes in interest rates with the intent of reducing volatility in our cash flows due to fluctuations in interest rates. However, we may not maintain interest rate swaps with respect to all of our variable rate indebtedness, and any swaps we enter into may not fully mitigate our interest rate risk, may prove disadvantageous, or may create additional risks, including risks discussed in "Risks Related to Our Business" above. In addition, our hedging activities are subject to the risks that a counterparty may not perform its obligations under the applicable derivative instrument.

Item 1B. UNRESOLVED STAFF COMMENTS

None

Item 2. PROPERTIES

Our corporate headquarters is located at 12000 Aerospace Avenue, Suite 300, Houston, Texas 77034, with 21,415 square feet of office space that we lease, with a current term expiring April 30, 2020 and with two five year extensions at our option. Our executive, legal, finance, and some accounting offices are located at this facility. We lease office space in Alaska, Louisiana, Texas and Washington for our operations, including office and yard space for our concrete segment. We own property for our waterfront maintenance and dock facilities, including equipment yards in Texas and Florida, which total approximately 76.6 acres. We also own approximately 340 acres of land in the upper Houston Ship Channel used as a Dredge Material Placement Area ("DMPA"). We may lease smaller project related offices throughout our operating areas when the need arises.

We believe that our existing facilities are adequate for our operations. We do not believe that any single facility is material to our operations and, if necessary, we could readily obtain a replacement facility. Some of our real estate assets are pledged to secure our credit facility.

Item 3. LEGAL PROCEEDINGS

From time to time, the Company is a party to various lawsuits, claims and other legal proceedings that arise in the ordinary course of business. These actions typically seek, among other things, compensation for alleged personal injury, breach of contract, property damage, punitive damages, civil penalties or other losses, or injunctive or declaratory relief. With respect to such lawsuits, the Company accrues reserves when it is probable a liability has been incurred and the amount of loss can be reasonably estimated. The Company does not believe any of these or any other proceedings, individually or in the aggregate, would be expected to have a material adverse effect on results of operations, cash flows, or financial condition.

A pending legal matter was settled for \$5.5 million during the first quarter of 2018. The settlement amount was recorded in "Other gain from continuing operations" in the Consolidated Statement of Operations, "Prepaid expenses and other" (current portion of the notes receivable) and "Other non-current assets" (non-current portion of the notes receivable) in the Consolidated Balance Sheets. As of December 31, 2018, the current portion of the note receivable was \$0.8 million and the non-current portion was \$3.0 million. Legal fees related to this matter were expensed as incurred during the respective reporting period.

As a result of charges brought in September 2015 and October 2016 by the Houston Police Department, Environmental Enforcement, two subsidiaries of the Company were recently indicted at the request of the Harris County, Texas District Attorney's Office by a duly organized Grand Jury of Harris County, Texas for separate but related violations of the Texas Water Code, allegedly arising from the handling of construction concrete at certain work sites. Specifically, both were charged with unlawfully, intentionally or knowingly discharging a waste or pollutant. The Company is subject to a maximum fine in each case of \$250,000, but has already declined a \$75,000 plea bargain in the first case. In the second case, a project supervisor was also indicted. None of these allegations

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nor the costs of defense, taken separately or as a whole, is expected to have a material impact on the Company's balance sheet or its liquidity. The Company considers all of these allegations without merit and it will vigorously defend itself and its employee.

Item 4. MINE SAFETY DISCLOSURES

Not applicable

PART II

Item 5. MARKET FOR REGISTRANT'S COMMON EQUITY, RELATED STOCKHOLDER MATTERS AND ISSUER PURCHASES OF EQUITY SECURITIES

Market Information

Our common stock is listed on the New York Stock Exchange ("NYSE") and trades under the symbol "ORN".

Holders

As of March 15, 2019, we had approximately 2,997 stockholders of record including beneficial holders.

Issuer Repurchase of Equity Securities

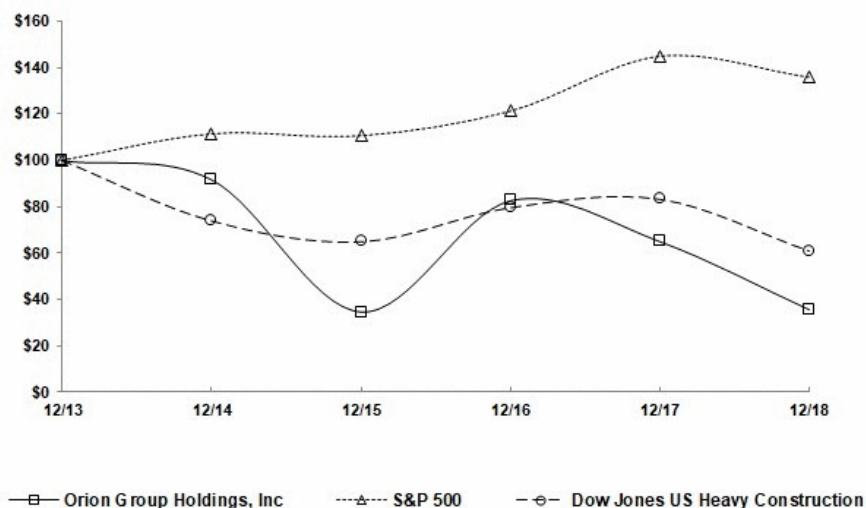
None

Performance Graph*

The following graph shows the changes in the value of \$100 invested in (1) the common stock of Orion Group Holdings, Inc., (2) the Standard & Poor's 500 Stock Index and (3) the Dow Jones Heavy Construction Group Index. The values of each investment are based on share price appreciation, with reinvestment of all dividends, assuming any were paid. For each graph, the investments are assumed to have occurred at the beginning of each period.

COMPARISON OF 5 YEAR CUMULATIVE TOTAL RETURN*

Among Orion Group Holdings, Inc., the S&P 500 Index
and the Dow Jones US Heavy Construction Index



*\$100 invested on 12/31/13 in stock or index, including reinvestment of dividends.
Fiscal year ending December 31.

	2013	2014	2015	2016	2017	2018
Orion Group Holdings, Inc.	100.00	91.85	34.66	82.71	65.09	35.66
S&P 500	100.00	111.39	110.58	121.13	144.65	135.63
Dow Jones US Heavy Civil Construction	100.00	74.09	65.12	79.74	83.33	61.14

*This table and the information therein is being furnished but not filed.

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Securities Authorized for Issuance Under Equity Compensation Plans

The information required by Item 201(d) of Regulation S-K is hereby incorporated by reference from our definitive proxy statement to be filed with the SEC pursuant to Regulation 14A within 120 days after the close of our fiscal year.

Item 6. SELECTED FINANCIAL DATA

The following table presents selected financial data for each of the last five fiscal years. This selected financial data should be read in conjunction with the Consolidated Financial Statements and related notes beginning on page F-1 of this Annual Report on Form 10-K and Item 7 “Management’s Discussion and Analysis of Financial Condition and Results of Operations”. These historical results are not necessarily indicative of the results of operations to be expected for any future period.

The table below includes the non-U.S. GAAP operating performance measures of EBITDA and Adjusted EBITDA. For a definition of EBITDA and Adjusted EBITDA and a reconciliation to net income calculated and presented in accordance with accounting principles generally accepted in the United States (“U.S. GAAP”), please see “Non-U.S. GAAP Financial Measures” immediately below.

	<i>Amounts in thousands, except share and per share information</i>				
	2018	2017	2016	2015	2014
Contract revenues (1)	\$ 520,894	\$ 578,553	\$ 578,236	\$ 466,498	\$ 385,818
Gross profit	21,649	66,890	67,482	40,182	44,594
Selling, general and administrative expenses	61,460	66,026	64,987	47,715	34,691
Other expense, net	(6,115)	(5,679)	(6,113)	(2,580)	(210)
Net income (loss)	(94,422)	400	(3,620)	(8,060)	6,877
Net income (loss) per share:					
Basic	\$ (3.31)	\$ 0.01	\$ (0.13)	\$ (0.29)	\$ 0.25
Diluted	\$ (3.31)	\$ 0.01	\$ (0.13)	\$ (0.29)	\$ 0.25
Weighted average shares outstanding:					
Basic	28,518,353	28,029,936	27,536,967	27,366,528	27,421,441
Diluted	28,518,353	28,354,280	27,536,967	27,366,528	27,787,613
Other Financial Data					
EBITDA	\$ (67,049)	\$ 31,070	\$ 38,295	\$ 20,620	\$ 34,180
Adjusted EBITDA	\$ 24,036	\$ 31,070	\$ 38,295	\$ 20,620	\$ 34,180
Capital expenditures	17,714	10,729	18,715	20,802	18,711
Cash interest expense	4,819	4,413	5,031	3,063	742
Depreciation and amortization	31,799	29,491	34,162	28,083	23,451
Net cash provided by (used in):					
Operating activities	21,931	34,133	23,149	25,179	11,945
Investing activities	(13,300)	(10,080)	(17,686)	(128,795)	(42,787)
Financing activities	(9,033)	(15,272)	(6,503)	66,068	28,876

(1) ASU 2014-09, *Revenue from Contracts with Customers* (Topic 606), adopted on January 1, 2018, using the modified retrospective method. Prior years have not been recast.

	2018	2017	2016	2015	2014
(in thousands)					
Balance Sheet Data:					
Cash and cash equivalents	\$ 8,684	\$ 9,086	\$ 305	\$ 1,345	\$ 38,893
Working capital	50,750	69,797	77,588	75,277	60,508
Total assets	312,870	433,285	447,676	461,462	352,300
Total debt, net of debt issuance costs	79,065	85,941	101,265	106,609	37,007
Total stockholders’ equity	141,585	231,266	226,204	227,714	236,717

Non-U.S. GAAP Financial Measures

We include in this Annual Report on Form 10-K the non-U.S. GAAP financial measure of EBITDA and Adjusted EBITDA. We define EBITDA as earnings before interest, income taxes, depreciation and amortization. Adjusted EBITDA is a non-GAAP measure that represents EBITDA adjusted for project adjustments, accounts receivable reserves and goodwill impairment charges. EBITDA and Adjusted EBITDA are used as supplemental operating performance measures by our management and by external users of our financial statements such as investors, commercial banks and others, to assess:

- the ability of our assets to generate cash sufficient to pay interest costs and support our indebtedness;
- our operating performance and return on capital as compared to those of other companies in our industry, without regard to financing or capital structure; and
- the viability of acquisitions and capital expenditure projects and the overall rates of return on alternative investment opportunities.

EBITDA and Adjusted EBITDA are not presentations made in accordance with U.S. GAAP. EBITDA and Adjusted EBITDA should not be considered an alternative to, or more meaningful than, net income, operating income, cash flows from operating activities or any other measure of performance presented in accordance with U.S. GAAP as measures of operating performance. Because EBITDA and Adjusted EBITDA excludes some, but not all, items that affect net income and is defined differently by different companies in our industry, our definition of EBITDA and Adjusted EBITDA may not be comparable to similarly titled measures of other companies. EBITDA and Adjusted EBITDA have important limitations as analytical tools, and you should not consider them in isolation.

The following table provides a reconciliation of EBITDA and Adjusted EBITDA to our net income for the periods indicated as calculated and presented in accordance with U.S. GAAP:

	2018	2017	2016	2015	2014
Net income (loss)	\$ (94,422)	\$ 400	\$ (3,620)	\$ (8,060)	\$ 6,877
Income tax (benefit) expense	(12,233)	(4,541)	1,581	(2,519)	3,175
Interest expense, net	7,807	5,720	6,172	3,116	677
Depreciation and amortization	31,799	29,491	34,162	28,083	23,451
EBITDA	(67,049)	31,070	38,295	20,620	34,180
Changes in cost estimates	22,770	—	—	—	—
Reserve on disputed accounts receivables	4,280	—	—	—	—
Goodwill impairment charges	69,483	—	—	—	—
Legal settlement	(5,448)	—	—	—	—
Adjusted EBITDA	\$ 24,036	\$ 31,070	\$ 38,295	\$ 20,620	\$ 34,180

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

The following discussion and analysis of our financial condition and results of operations is based on and should be read in conjunction with our consolidated financial statements and the accompanying notes beginning on page F-1 of this Annual Report on Form 10-K. Certain statements made in our discussion may be forward-looking. Forward-looking statements involve risks and uncertainties and a number of other factors that could cause actual results or outcomes to differ materially from our expectations. See *"Forward-Looking Statements"* at the beginning of this Annual Report on Form 10-K for additional discussion of some of these risks and uncertainties. Unless the context requires otherwise, when we refer to "we", "us" and "our", we are describing Orion Group Holdings, Inc. and its consolidated subsidiaries.

Overview

Orion Group Holdings, Inc., its subsidiaries and affiliates (hereafter collectively referred to as the "Company"), provides a broad range of specialty construction services in the infrastructure, industrial and building sectors of the continental United States, Alaska, Canada and the Caribbean Basin. The Company's marine segment services the infrastructure sector through marine transportation facility construction, marine pipeline construction, marine environmental structures, dredging of waterways, channels and ports, environmental dredging, design, and specialty services. Its concrete segment services the building sector by providing turnkey concrete construction services including pour and finish, dirt work, layout, forming, rebar, and mesh across the light commercial structural and other associated business areas. The Company is headquartered in Houston, Texas with offices throughout its operating areas.

Our contracts are obtained primarily through competitive bidding in response to "requests for proposals" by federal, state and local agencies and through negotiation and competitive bidding with private parties and general contractors. Our bidding activity and strategies are affected by such factors as our backlog, current utilization of equipment and other resources, job location, our ability to obtain necessary surety bonds and competitive considerations. The timing and location of awarded contracts may result in unpredictable fluctuations in the results of our operations.

Most of our revenue is derived from fixed-price contracts. We generally record revenue on construction contracts over time, measured by the percentage of actual contract costs incurred to date to total estimated costs for each contract. There are a number of factors that can create variability in contract performance and therefore impact the results of our operations. The most significant of these include the following:

- completeness and accuracy of the original bid;
- increases in commodity prices such as concrete, steel and fuel;
- customer delays, work stoppages, and other costs due to weather and environmental restrictions;
- availability and skill level of workers; and
- a change in availability and proximity of equipment and materials.

All of these factors can have a negative impact on our contract performance, which can adversely affect the timing of revenue recognition and ultimate contract profitability. We plan our operations and bidding activity with these factors in mind and they generally have not had a material adverse impact on the results of our operations in the past.

2018 Recap and 2019 Outlook

In 2018, we recorded revenues of \$520.9 million, of which \$277.0 million was attributable to our concrete segment and the remaining \$243.9 million to our marine segment. In addition, we ended 2018 with a consolidated backlog of \$440.4 million. Our revenues in 2018 decreased by 10.0% as compared with 2017 and we recorded a net loss of \$94.4 million, as compared with net income of \$0.4 million in the prior year. Net loss in 2018 was driven by the full impairment of goodwill of \$69.5 million, unfavorable changes in cost estimates, the unfavorable impact of customer driven project disruptions and delays and weather patterns in the second half of 2018. Net income in 2017 was driven by a net tax benefit of \$4.5 million, resulting from the favorable impact of the Tax Cuts and Jobs Act (the "Act") enacted on December 22, 2017.

Looking toward 2019, the Company remains focused on its strategic plan and believes its long-term outlook is strong, with solid prospects for bottom line growth in the future.

Marine Segment

Demand for our marine construction services remains strong. We continue to see solid demand to help maintain and expand the infrastructure that facilitates the movement of goods and people on or over waterways. Specifically, we continue to see bid opportunities from our private sector energy-related customers as they expand their marine facilities related to the storage, transportation and refining of domestically produced energy. Over the long term, we expect to see some bid opportunities in this sector from petrochemical-related customers, energy exporters, and liquefied natural gas facilities. Opportunities from local port authorities also remain solid, many of which are related to the completion of the Panama Canal expansion project. Additionally, we expect to see some bid opportunities related to coastal restoration funded through the Resource and Ecosystems Sustainability, Tourist Opportunities, Revived Economies of the Gulf Coast Act (the "RESTORE Act") and new U.S. Army Corps of Engineers ("USACE") disaster recovery projects in Texas throughout 2019. We believe our current equipment fleet will allow us to better meet market demand for projects from both our public and private customers in the future.

In the long-term, we see positive trends in demands for our services in our end markets, including:

- General demand to repair and improve degrading U. S. marine infrastructure;
- Improving economic conditions and increased activity in the petrochemical industry and energy-related companies will necessitate capital expenditures, including larger projects, as well as maintenance call-out work;
- Expected increases in cargo volume and future demands from larger ships transiting the Panama Canal will require ports along the Gulf Coast and Atlantic Seaboard to expand port infrastructure as well as perform additional dredging services;
- The Water Resources Reform and Development Act (the "WRRDA Act") authorizing expenditures for the conservation and development of the nation's waterways as well as addressing funding deficiencies within the Harbor Maintenance Trust Fund;
- Renewed focus on coastal rehabilitation along the Gulf Coast, particularly through the use of RESTORE Act funds based on fines collected related to the 2010 Gulf of Mexico oil spill;
- Funding for highways and transportation under the FAST Act, which provides authority through 2020; and
- Nearly \$5 billion of federal funding provided by the USACE in connection with disaster recovery in Texas

Concrete Segment

Our concrete segment's demand also remains strong. The Texas building sector is in solid shape as its three major metropolitan areas, and expanding suburbs, continuously retain their positions as leading destinations for families and businesses to reside. Population growth throughout our markets continues to drive new distribution centers, educational and medical facilities, office expansion, retail and grocery establishments and new multi-family housing units. In Houston, the Company continues to experience competitive pressure in the market, but expects to maintain market share. The Dallas-Fort Worth office continues its efforts to expand the services it offers beyond light commercial construction and will be targeting structural construction opportunities going forward. Also, our Central Texas operations are performing in line with our expectations and we are expanding market share along the I-35 corridor.

Consolidated Results of Operations

Backlog Information

Our contract backlog represents our estimate of the revenues we expect to realize under the portion of contracts remaining to be performed. Given the typical duration of our contracts, which is generally less than a year, our backlog at any point in time usually represents only a portion of the revenue that we expect to realize during a twelve month period. We have not been adversely affected by contract cancellations or modifications in the past, we may be in the future, especially in economically uncertain periods. Consequently, backlog is not necessarily indicative of future results. In addition to our backlog under contract, we also have a substantial number of projects in negotiation or pending award at any time.

Backlog for our marine segment at December 31, 2018 was \$256.7 million, as compared with \$177.0 million at December 31, 2017, an increase of 45.0% from the prior year period.

Backlog for our concrete segment at December 31, 2018 was \$183.7 million, as compared with \$183.6 million at December 31, 2017, essentially flat from the prior year period.

Income Statement Comparisons

	Year ended December 31,					
	2018		2017		2016	
	Amount	Percent	Amount	Percent	Amount	Percent
	(dollar amounts in thousands)					
Contract revenues	\$ 520,894	100.0 %	\$ 578,553	100.0 %	\$ 578,236	100.0%
Cost of contract revenues	499,245	95.8 %	511,663	88.4 %	510,754	88.3%
Gross profit	21,649	4.2 %	66,890	11.6 %	67,482	11.7%
Selling, general and administrative expenses	61,460	11.8 %	66,026	11.4 %	64,987	11.2%
(Gain) loss from sale of assets, net	(3,306)	(0.6)%	(674)	(0.1)%	(1,579)	(0.3)%
Goodwill impairment charges	69,483	13.3 %	—	— %	—	—%
Other gain from continuing operations	(5,448)	(1.0)%	—	— %	—	—%
Operating income (loss)	(100,540)	(19.3)%	1,538	0.3 %	4,074	0.8%
Other (expense) income						
Other income	1,692	0.3 %	41	— %	59	—%
Interest income	136	— %	11	— %	3	—%
Interest expense	(7,943)	(1.5)%	(5,731)	(1.0)%	(6,175)	(1.1)%
Other expense, net	(6,115)	(1.2)%	(5,679)	(1.0)%	(6,113)	(1.1)%
Loss before income taxes	(106,655)	(20.5)%	(4,141)	(0.7)%	(2,039)	(0.3)%
Income tax (benefit) expense	(12,233)	(2.4)%	(4,541)	(0.8)%	1,581	0.3%
Net (loss) income	\$ (94,422)	(18.1)%	\$ 400	0.1 %	(3,620)	(0.6)%

Year ended December 31, 2018 compared with year ended December 31, 2017

Contract Revenues. Contract revenues in 2018 of \$520.9 million decreased approximately 10.0% as compared to \$578.6 million in 2017. The decrease was primarily attributable to certain projects in the Marine segment, where we experienced unfavorable changes in cost estimates, the unfavorable impact of customer driven project disruptions and delays and weather patterns in the second half of 2018.

Contract revenues generated from private sector customers for the marine segment represented 49.1%, or \$119.7 million, of total contract revenues in 2018 compared to 47.7%, or \$136.4 million, in 2017. Contract revenues generated from private sector customers for the concrete segment represented 79.8%, or \$221.1 million, in 2018 compared to 83.4%, or \$244.1 million, in 2017. These decreases were primarily due to a shift in timing and mix of projects.

Contract revenues generated from public sector customers for the marine segment represented 50.9%, or \$124.2 million, of total contract revenues in 2018 compared to 52.3%, or \$149.3 million, in 2017. Contract revenues generated from public sector customers for the concrete segment represented 20.2%, or \$55.9 million, in 2018 compared to 16.6%, or \$48.7 million, in 2017. These increases were driven primarily by a shift in timing and mix of projects.

Gross Profit. Gross profit was \$21.6 million for the year ended December 31, 2018, compared to \$66.9 million in the prior year period, a decrease of \$45.2 million, or 67.6%. Gross margin in 2018 was 4.2% of total contract revenues as compared to 11.6% in the prior year period. This decrease was primarily attributable to unfavorable changes in cost estimates, the unfavorable impact of project disruptions due to weather events in the second half of 2018 as well as competitive pressure in the Houston market in the concrete segment in the second half of 2018. This decrease was partially offset by strong operational performance, especially in the marine segment during the first half of 2018.

Selling, General and Administrative Expense. Selling, general and administrative ("SG&A") expenses were \$61.5 million for the year ended December 31, 2018 compared to \$66.0 million in the prior year period, a decrease of \$4.5 million, or 6.9%. As a percentage of total contract revenues, SG&A expenses increased slightly as compared with the prior year, from 11.4% to 11.8%. This decrease was driven by cost saving initiatives implemented in the fall of 2017 as well as a reduction in certain payroll-related costs in the third quarter of 2018.

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Other Expense, Net of Income. Other expense primarily reflects interest on our borrowings. For 2018 the total net balance also includes \$1.6 million of revenue on the sale of easement rights for one of the Company's properties in the Houston area as well as an increase in total interest expense of \$2.2 million related to recognizing unamortized debt issuance costs on extinguishment of debt in the third quarter of 2018.

See [Note 12](#) for additional discussion of the amended syndicated credit agreement, also known as the Fifth Amendment, executed in March 2019.

Income Tax (Benefit) Expense. We recorded tax benefit of \$12.2 million in 2018, compared to tax benefit of \$4.5 million in 2017. Our effective tax rate in 2018 was 11.5%, which differs from the statutory rate of 21% due to valuation allowances taken on net operating losses.

See [Note 13](#) for additional discussion of income taxes and the Act, which was enacted and signed into law on December 22, 2017.

Year ended December 31, 2017 compared with year ended December 31, 2016

Contract Revenues. Contract revenues in 2017 of \$578.6 million increased approximately 0.1% as compared to \$578.2 million in 2016. The increase was attributable to the expansion of the concrete construction business in Central Texas through the acquisition of TBC in April 2017 and increased demand for marine construction services in the fourth quarter of 2017 following the impact of hurricanes on the Gulf Coast, Florida and Caribbean Basin. This increase was offset by project disruptions caused by weather events during the third quarter of 2017, which affected both the marine and concrete construction operations, as well as delays in customers obtaining necessary permits, which caused interruptions in the anticipated commencement of certain projects in the marine segment during the first half of 2017.

Contract revenues generated from private sector customers for the marine segment represented 47.7%, or \$136.4 million, of total contract revenues in 2017 compared to 53.3%, or \$151.8 million, in 2016. Contract revenues generated from private sector customers for the concrete segment represented 83.4%, or \$244.1 million, in 2017 compared to 86.5%, or \$254.0 million, in 2016. These decreases were primarily due to a shift of project mix with an increase in public sector projects for the marine and concrete segments of approximately 5.6% and 3.1%, respectively.

Contract revenues generated from public sector customers for the marine segment represented 52.3%, or \$149.3 million, of total contract revenues in 2017 compared to 46.7%, or \$132.9 million, in 2016. Contract revenues generated from public sector customers for the concrete segment represented 16.6%, or \$48.7 million, in 2017 compared to 13.5%, or \$39.7 million, in 2016. These increases were driven by a shift in timing and mix of projects as well as the addition of projects in the marine segment.

Gross Profit. Gross profit was \$66.9 million for the year ended December 31, 2017, compared to \$67.5 million in the prior year period, a decrease of \$0.6 million, or 0.9%. Gross margin in 2017 was 11.6% of total contract revenues as compared to 11.7% in the prior year period. This decrease was driven by project disruptions caused by weather events during the third quarter of 2017, which affected both the marine and concrete construction operations, as well as delays in customers obtaining necessary permits, which caused interruptions in the anticipated commencement of certain projects in the marine segment during the first half of 2017. This was offset by increased demand for marine construction services in the fourth quarter of 2017 following the impact of hurricanes on the Gulf Coast, Florida and Caribbean Basin.

Selling, General and Administrative Expense. Selling, general and administrative ("SG&A") expenses were \$66.0 million for the year ended December 31, 2017 compared to \$65.0 million in the prior year period, an increase of \$1.0 million, or 1.6%. As a percentage of total contract revenues, SG&A expenses increased slightly as compared with the prior year, from 11.2% to 11.4%. This increase was driven by the acquisition of TBC in the concrete segment as well as higher legal costs, partially offset by reductions in corporate overhead and consulting fees.

Other Expense, net. Other expense primarily reflects interest on our borrowings.

Income Tax (Benefit) Expense. We recorded tax benefit of \$4.5 million in 2017, compared to tax expense of \$1.6 million in 2016. Our effective tax rate in 2017 was 109.7%, which differs from the statutory rate of 35% and was driven by the impact of the Act enacted on December 22, 2017. We recorded a net tax benefit of \$5.9 million, or \$0.21 per share, primarily resulting from the re-measurement of the Company's net deferred tax liabilities to reflect the new, lower U.S. corporate income tax rate of 21%, partially offset by the addition of a valuation allowance recorded against prior years' foreign tax credit carryovers not expected to be utilized in future tax years. This net tax benefit was partially offset by the establishment of an uncertain tax position reserve as well as tax expenses for permanent differences associated with incentive stock options and meals and entertainment.

Segment Results

The following table sets forth, for the periods indicated, statements of operations data by segment, segment revenues as a percentage of consolidated revenues and segment operating (loss) income as a percentage of segment revenues:

Segment Comparison

	2018		Year ended December 31, 2017		2016	
	Amount	Percent	Amount	Percent	Amount	Percent
(dollar amounts in thousands)						
Contract revenues						
Marine Segment	\$ 243,883	46.8 %	\$ 285,736	49.4 %	\$ 284,632	49.2 %
Concrete Segment	277,011	53.2 %	292,817	50.6 %	293,604	50.8 %
Total	<u>\$ 520,894</u>	<u>100.0 %</u>	<u>\$ 578,553</u>	<u>100.0 %</u>	<u>\$ 578,236</u>	<u>100.0 %</u>
Operating (loss) income						
Marine Segment	\$ (61,012)	(25.0)%	\$ (18,406)	(6.4)%	\$ (12,403)	(4.4)%
Concrete Segment	(39,528)	(14.3)%	19,944	6.8 %	16,477	5.6 %
Total	<u>\$ (100,540)</u>		<u>\$ 1,538</u>		<u>\$ 4,074</u>	

Year ended December 31, 2018 compared with year ended December 31, 2017

Marine Segment

Revenues for our marine segment for the year ended December 31, 2018 were \$243.9 million compared to \$285.7 million for the year ended December 31, 2017, a decrease of \$41.9 million, or 14.6%. This decrease is primarily attributable to certain projects where we experienced unfavorable changes in cost estimates and to unanticipated delays in commencing certain work due to customer schedules in the second half of 2018.

Operating loss for our marine segment for the year ended December 31, 2018 was \$61.0 million, compared to \$18.4 million for the year ended December 31, 2017, an increase of \$42.6 million, or 231.5%. This increase in operating loss was primarily due to the full impairment of goodwill in the marine segment of \$33.8 million, certain projects where we experienced unfavorable changes in cost estimates and to unanticipated delays in commencing certain work due to customer schedules in the second half of 2018. As a percentage of total contract revenues, operating loss for our marine segment was 25.0% for the year ended December 31, 2018, compared to 6.4% for the year ended December 31, 2017.

Concrete Segment

Revenues for our concrete segment for the year ended December 31, 2018 were \$277.0 million compared to \$292.8 million for the year ended December 31, 2017, a decrease of \$15.8 million, or 5.4%. This decrease was attributable to production delays resulting from unfavorable weather patterns experienced during the third and fourth quarters of 2018.

Operating loss for our concrete segment for the year ended December 31, 2018 was \$39.5 million, compared to operating income of \$19.9 million from the year ended December 31, 2017, a decrease of \$59.5 million, or 298.2%. This decrease was primarily driven by the full impairment of goodwill in the concrete segment of \$35.7 million, production delays resulting from unfavorable weather patterns experienced during the first and third quarters of 2018 as well as continued competitive pressure in the Houston market. As a percentage of revenues, operating loss for our concrete segment was 14.3% for the year ended December 31, 2018, compared to operating income of 6.8% for the year ended December 31, 2017.

Year ended December 31, 2017 compared with year ended December 31, 2016

Marine Segment

Revenues for our marine segment for the year ended December 31, 2017 were \$285.7 million compared to \$284.6 million for the year ended December 31, 2016, an increase of \$1.1 million, or 0.4%. This increase was attributable to increased demand for marine construction services in the fourth quarter of 2017 following the impact of hurricanes on the Gulf Coast, Florida and Caribbean Basin. This was partially offset by project disruptions caused by weather events during the third quarter of 2017 as well as delays in customers obtaining necessary permits, which caused interruptions in the anticipated commencement of certain projects during the first half of 2017.

Operating loss for our marine segment for the year ended December 31, 2017 was \$18.4 million, compared to \$12.4 million for the year ended December 31, 2016, an increase of \$6.0 million, or 48.4%. This increase in operating loss was primarily due to project disruptions as a result of significant weather events during the third quarter of 2017 as well as delays in customers obtaining necessary permits which caused delays in the anticipated commencement of certain projects. As a percentage of total contract revenues, operating loss for our marine segment was 6.4% for the year ended December 31, 2017, compared to 4.4% for the year ended December 31, 2016.

Concrete Segment

Revenues for our concrete segment for the year ended December 31, 2017 were \$292.8 million compared to \$293.6 million for the year ended December 31, 2016, a decrease of \$0.8 million, or 0.3%. This decrease was attributable to project disruptions caused by weather events, including Hurricane Harvey in the third quarter of 2017 and abnormal winter delays in the fourth quarter of 2017, offset by the impact of acquiring TBC in April 2017.

Operating income for our concrete segment for the year ended December 31, 2017 was \$19.9 million, compared to \$16.5 million from the year ended December 31, 2016, an increase of \$3.5 million, or 21.0%. This increase was primarily due to solid execution of operations in the segment during 2017. As a percentage of revenues, operating income for our concrete segment was 6.8% for the year ended December 31, 2017, compared to 5.6% for the year ended December 31, 2016.

Critical Accounting Estimates

The consolidated financial statements contained in this report were prepared in accordance with U.S. GAAP. The preparation of these financial statements in conformity with U.S. GAAP requires management to make estimates and assumptions that affect both the Company's carrying values of its assets and liabilities, and the reported amounts of revenues and expenses during the reporting period. Actual results could differ from those estimates. Although our significant accounting policies are described in more detail in [Note 2](#) of the *Notes to Consolidated Financial Statements*; we believe the following accounting policies to be critical to the judgments and estimates used in the preparation of our financial statements:

- Revenue Recognition from Construction Contracts;
- Long Lived Assets;
- Goodwill;
- Income Taxes;
- Insurance Coverage, Litigation, Claims and Contingencies; and
- Accounting for Stock Issued to Employees and Others.

Revenue Recognition

We adopted ASU 2014-09, *Revenue from Contracts with Customers* (Topic 606), on January 1, 2018, using the modified retrospective method. We recognized the cumulative effect of initially adopting Topic 606 guidance as an adjustment to the beginning balance of retained earnings. Contracts with customers that were not substantially complete in both our marine and concrete segments were evaluated in order to determine the impact as of the date of adoption. The comparative information has not been restated and continues to be reported under the accounting standards in effect for those periods.

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Our revenue is derived from contracts to provide marine construction, dredging, turnkey concrete services, and other specialty services. Our projects are typically short in duration and usually span a period of less than one year. We determine the appropriate accounting treatment for each contract before work begins and generally records revenue on contracts over time.

Performance obligations are promises in a contract to transfer distinct goods or services to the customer and are the unit of account under Topic 606. Our contracts and related change orders typically represent a single performance obligation because individual goods and services are not separately identifiable and we provide a significant integrated service. Revenue is recognized over time because control is continuously transferred to the customer. For contracts with multiple performance obligations, we allocate the contract's transaction price to each performance obligation using our best estimate of the stand-alone selling price of each distinct good or service. Progress is measured by the percentage of actual contract costs incurred to date to total estimated costs for each contract. This method is used because management considers contract costs incurred to be the best available measure of progress on these contracts. Contract costs include all direct costs, such as material and labor, and those indirect costs incurred that are related to contract performance such as payroll taxes and insurance. General and administrative costs are charged to expense as incurred. Upfront costs, such as incurring costs to mobilize personnel and equipment prior to satisfying a performance obligation are capitalized and amortized over the contract performance period.

Changes in job performance, job conditions and estimated profitability, including those arising from final contract settlements, may result in revisions to costs and reported revenue and are recognized in the period in which the revisions are determined. The effect of changes in estimates of contract revenue or contract costs is recognized as an adjustment to recognized revenue on a cumulative catch-up basis. When losses on uncompleted contracts are anticipated, the entire loss is recognized in the period in which such losses are determined. Revenue is recorded net of any sales taxes collected and paid on behalf of the customer, if applicable.

Long-Lived Assets

Our long-lived assets consist primarily of equipment used in our operations. Fixed assets are carried at cost and are depreciated over their estimated useful lives, ranging from one to 30 years, using the straight-line method for financial reporting purposes and accelerated methods for tax reporting purposes. The carrying value of our long-lived assets is evaluated periodically based on utilization of the asset and physical condition of the asset, as well as the useful life of the asset to determine if adjustment to the depreciation period or the carrying value is warranted. If events and circumstances such as poor utilization or deteriorated physical condition indicate that the asset(s) should be reviewed for possible impairment, we use projections to assess whether future cash flows, including disposition, on a non-discounted basis related to the tested assets are likely to exceed the recorded carrying amount of those assets to determine if an impairment exists. If we identify a potential impairment, we will estimate the fair value of the asset through known market transactions of similar equipment and other valuation techniques, which could include the use of similar projections on a discounted cash flow basis. We will report a loss to the extent that the carrying value of the impaired assets exceeds their fair values.

Goodwill

We have acquired businesses and assets in purchase transactions that resulted in the recognition of goodwill that we carry on our balance sheet. In accordance with U.S. GAAP, goodwill recorded on our Consolidated Balance Sheets is not amortized, but is subject to impairment testing at least annually or more frequently if events or circumstances indicate that the asset may be impaired. We determined that our operations comprise two reporting units for goodwill impairment testing, which matches our two operating segments for financial reporting.

We assess the fair value of our reporting unit based on a weighted average of valuations based on market multiples, discounted cash flows, and consideration of our market capitalization. The key assumptions used in the discounted cash flow valuations are discount rates and perpetual growth rates applied to cash flow projections. Also inherent in the discounted cash flow valuation models are past performance, projections and assumptions in current operating plans, and revenue growth rates over the next five years. These assumptions contemplate business, market and overall economic conditions. We also consider assumptions that market participants may use.

When performing our impairment analysis, we reconcile the total of the fair value of our reporting units with our market capitalization to determine if the sum of the individual fair values is reasonable compared to the external market indicators. If our reconciliation indicates an implied control premium that is unreasonable in light of current market conditions, we review and adjust our assumptions accordingly.

As required, annual impairment testing of goodwill is performed as of October 31 of each year or whenever circumstances arise that indicate a possible impairment might exist. Based on this testing, we concluded that as of December 31, 2018, our Marine segment's goodwill of \$33.8 million and our Concrete segment's goodwill of \$35.7 million were fully impaired.

Income Taxes

We determine our consolidated income tax provision using the asset and liability method prescribed by U.S. GAAP, which requires the recognition of income tax expense for the amount of taxes payable or refundable for the current period and for deferred tax liabilities and assets for the future tax consequences of events that have been recognized in an entity's financial statements or tax returns. We must make significant assumptions, judgments and estimates to determine our current provision for income taxes, our deferred tax assets and liabilities, and any valuation allowance to be recorded against any deferred tax asset. The current provision for income tax is based upon the current tax laws and our interpretation of these laws, as well as the probable outcomes of any tax audits. The value of any net deferred tax asset depends upon estimates of the amount and category of future taxable income reduced by the amount of any tax benefits that we do not expect to realize. The factors used to assess the likelihood of realization include our forecast of future taxable income exclusive of reversing temporary differences and carryforwards, future reversals of existing taxable temporary differences and available tax planning strategies that could be implemented to realize the net deferred tax assets.

We consider both positive and negative evidence when evaluating the need for a valuation allowance on our deferred tax assets in accordance with ASC 740. Available evidence includes historical financial information supplemented by currently available information about future years. Generally, historical financial information is more objectively verifiable than projections of future income and is therefore given more weight in our assessment. We consider cumulative losses in the most recent twelve quarters to be significant negative evidence that is difficult to overcome in considering whether a valuation allowance is required. Conversely, we consider a cumulative income position over the most recent twelve quarters, to be significant positive evidence that a valuation allowance may not be required.

Actual operating results and the underlying amount and category of income in future years could render current assumptions, judgments and estimates of recoverable net deferred taxes inaccurate, thus impacting our financial position and results of operations. We compute deferred income taxes using the liability method. Under the liability method, deferred tax assets and liabilities are recognized for the future tax consequences attributable to differences between the financial statement carrying amounts of existing assets and liabilities and their respective tax bases. Deferred tax assets and liabilities are measured using enacted tax rates expected to apply to taxable income in the years in which those temporary differences are expected to be recovered or settled. Under the liability method, the effect on deferred tax assets and liabilities of a change in tax rates is recognized in income in the period that includes the enactment date.

We account for uncertain tax positions in accordance with the provisions of the FASB's ASC 740-10, which prescribes a recognition threshold and measurement attribute for financial statement disclosure of tax positions taken, or expected to be taken, on our consolidated tax return. We evaluate and record any uncertain tax positions based on the amount that management deems is more likely than not to be sustained upon ultimate settlement with the tax authorities in the tax jurisdictions in which we operate.

Insurance Coverage, Litigation, Claims and Contingencies

We maintain insurance coverage for our business and operations. Insurance related to property, equipment, automobile, general liability and a portion of workers' compensation is provided through traditional policies, subject to a deductible or deductibles. A portion of our workers' compensation exposure is covered through a mutual association, which is subject to supplemental calls.

The marine segment maintains five levels of excess loss insurance coverage, totaling \$200 million in excess of primary coverage. This excess loss coverage responds to most of its liability policies when a primary limit of \$1 million has been exhausted; provided that the primary limit for Contingent Maritime Employer's Liability is \$10 million and the Watercraft Pollution Policy primary limit is \$5 million. The concrete segment maintains five levels of excess loss insurance coverage, totaling \$200 million in excess of primary coverage. This excess loss coverage responds to most of its liability policies when a primary limit of \$1 million has been exhausted.

Separately, our marine segment employee health care is provided through a trust administered by a third party. Funding of the trust is based on current claims. The administrator has purchased appropriate stop-loss coverage. Losses on these policies up to the deductible amounts are accrued based upon known claims incurred and an estimate of claims incurred but not reported. The accruals are derived from known facts, historical trends and industry averages to determine the best estimate of the ultimate expected loss. Actual claims may vary from estimates. Any adjustments to such reserves are included in the consolidated results of operations in the period in which they become known. Our concrete segment employee health care is provided through two policies. A fully funded policy is offered primarily to salaried employees and their dependents while a partially self-funded plan with an appropriate stop-loss is offered primarily to hourly employees and their dependents. The self-funded plan is funded to the maximum exposure and, as a result, expects to receive a partial refund after the policy expiration.

Accounting for Stock Issued to Employees and Others

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We measure the cost of equity compensation to our employees based on the estimated grant-date fair value of the award and recognize the expense over the vesting period. We use the Black-Scholes option pricing model to compute the fair value of the awards of options. The Black-Scholes model requires the use of subjective assumptions in the computation. Changes in these assumptions can cause significant fluctuations in the fair value of the option award. Our independent directors receive grants of stock, typically on an annual basis, of which the values are measured by the mean price of our stock on the day of grant.

Liquidity and Capital Resources

Our primary liquidity needs are to finance our working capital, fund capital expenditures, and pursue strategic acquisitions. Historically, our source of liquidity has been cash provided by our operating activities and borrowings under our Credit Facility (as defined below).

Our working capital position fluctuates from period to period due to normal increases and decreases in operational activity. At December 31, 2018, our working capital was \$50.8 million as compared with \$69.8 million at December 31, 2017. As of December 31, 2018, we had cash on hand of \$8.7 million. Due to the outstanding borrowings on our revolver and outstanding letters of credit, our borrowing capacity at December 31, 2018 was approximately \$42.2 million.

We expect to meet our future internal liquidity and working capital needs, and maintain our equipment fleet through capital expenditure purchases and major repairs, from funds generated by our operating activities for at least the next 12 months. We believe our cash position is adequate for our general business requirements discussed above and to service our debt.

The following table provides information regarding our cash flows and our capital expenditures for the years ending December 31, 2018, 2017 and 2016:

	2018	2017	2016
Cash flows provided by operating activities	\$ 21,931	\$ 34,133	\$ 23,149
Cash flows used in investing activities	\$ (13,300)	\$ (10,080)	\$ (17,686)
Cash flows (used in) provided by financing activities	\$ (9,033)	\$ (15,272)	\$ (6,503)
Capital expenditures (included in investing activities above)	\$ (17,714)	\$ (10,729)	\$ (18,715)

Operating Activities. During 2018, our operations provided approximately \$21.9 million in net cash inflows, as compared with cash provided by operations in the prior year period of \$34.1 million. The decrease in cash provided between periods of \$12.2 million was primarily attributable to a change in working capital driven by the timing of projects as well as the Company generating a net loss in 2018 versus net income in 2017. This decrease was partially offset by non-cash goodwill impairment charges.

During 2017, our operations provided approximately \$34.1 million in net cash inflows, as compared with cash provided by operations in the prior year period of \$23.1 million. The increase in cash between periods of \$11.0 million was primarily attributable to a change in working capital driven by a reduction accounts receivable as well as the Company generating net income in 2017 versus a net loss in 2016. This increase was partially offset by a decrease in deferred income taxes and depreciation expense.

Changes in working capital are normal within our business and are not necessarily indicative of any fundamental change within working capital components or trends in the underlying business.

Investing Activities. Capital asset additions and betterments to our fleet were \$17.7 million in 2018, as compared with \$10.7 million in 2017. The increase is primarily a result of timing of purchase of capital assets.

Financing Activities. During 2018, we drew down \$39.9 million from our revolving line of credit. Additionally, we repaid \$27.9 million on this draw, as well as made regularly scheduled debt payments on the term loan of \$8.2 million and an additional amount of \$12.0 million during 2018 was transferred to the revolving line of credit for a total of \$48.1 million in debt payments. In the prior year, in connection with our new Credit Facility, we drew down \$72.0 million from our revolving line of credit. Additionally, we repaid \$70.0 million on this draw, as well as made regularly scheduled debt payments and additional payments on the term loan of \$17.8 million for a total of \$87.8 million in debt payments.

Sources of Capital

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The Company entered into an amended syndicated credit agreement (the "Credit Agreement" also known as the "Fourth Amendment") on July 31, 2018, with Regions Bank, as administrative agent and collateral agent, and the following co-syndication agents: Bank of America, N.A., BOKF, NA dba Bank of Texas, KeyBank National Association, NBH Bank, IBERIABANK, Trustmark National Bank, First Tennessee Bank NA, and Branch Banking and Trust Company. The primary purpose of the Credit Agreement was to provide the Company with greater flexibility as it provides for the calculation of Adjusted EBITDA that adds back various project specific costs.

The Credit Agreement, which may be amended from time to time, provides for borrowings under a revolving line of credit and swingline loans with a commitment amount of \$100.0 million, and a term loan with a commitment amount of \$60.0 million (together, the "Credit Facility"). With the execution of the Fifth Amendment, the maximum borrowing availability under the revolving line of credit as of December 31, 2018, was temporarily reduced to \$65.0 million and will remain in effect until certain conditions have been met. The Credit Facility is guaranteed by the subsidiaries of the Company, secured by the assets of the Company, including stock held in its subsidiaries, and may be used to finance general corporate and working capital purposes, to finance capital expenditures, to refinance existing indebtedness, to finance permitted acquisitions and associated fees, and to pay for all related expenses to the Credit Facility. Interest is due and is computed based on the designation of the loan, with the option of a Base Rate Loan (the base rate plus the Applicable Margin), or an Adjusted LIBOR Rate Loan (the adjusted LIBOR rate plus the Applicable Margin). Interest is due on the last day of each quarter end for Base Rate Loans and at the end of the LIBOR rate period for Adjusted LIBOR Rate Loans. Principal balances drawn under the Credit Facility may be prepaid at any time, in whole or in part, without premium or penalty. Amounts repaid under the revolving line of credit may be re-borrowed. The Credit Facility matures on July 31, 2023.

See [Note 12](#) in the Notes to the Financial Statements (Part IV, Item 15 of this Form 10-K) for further discussion on the Company's Debt.

Financial covenants

Restrictive financial covenants under the Credit Facility include:

- A consolidated Fixed Charge Coverage Ratio as of the end of any fiscal quarter to not be less than 1.25 to 1.00
- A consolidated Leverage Ratio to not exceed the following during each noted period:
 - Fiscal Quarter Ending December 31, 2018, to not exceed 3.00 to 1.00;
 - Fiscal Quarter Ending March 31, 2019, to not exceed 4.75 to 1.00;
 - Fiscal Quarter Ending June 30, 2019, to not exceed 4.75 to 1.00;
 - Fiscal Quarter Ending September 30, 2019 and each Fiscal Quarter thereafter, to not exceed 3.00 to 1.00.

In addition, the Credit Facility contains events of default that are usual and customary for similar arrangements, including non-payment of principal, interest or fees; breaches of representations and warranties that are not timely cured; violation of covenants; bankruptcy and insolvency events; and events constituting a change of control.

During the fourth quarter of 2018, the Company initiated discussions with the lead bank due to concerns it would not be in compliance with financial covenants. The Company executed the Fifth Amendment during March 2019, which was effective as of December 31, 2018. The Leverage Ratio was adjusted beginning with the quarter ended December 31, 2018 through September 30, 2019 and each Fiscal Quarter thereafter, as reflected above. The Fixed Charge Coverage Ratio was unchanged. Additionally with this amendment, for the purpose of calculating the financial covenants, solely with respect to the Fiscal Quarters of the Borrower ending March 31, 2019, June 30, 2019 and September 30, 2019, Consolidated EBITDA to be determined for the Fiscal Quarter of the Borrower ending (A) March 31, 2019 by multiplying the Consolidated EBITDA for such Fiscal Quarter by four (4), (B) June 30, 2019 by multiplying the Consolidated EBITDA for such Fiscal Quarter plus the Consolidated EBITDA for the immediately preceding Fiscal Quarter by two (2) and (C) September 30, 2019 by multiplying the Consolidated EBITDA for such Fiscal Quarter plus the Consolidated EBITDA for the immediately preceding two (2) Fiscal Quarters by four-thirds (4/3). This amendment to the Credit Agreement will increase the cost of the Company's borrowings and will impose additional limitations on certain types of activities, such as acquisitions. With the execution of the aforementioned amendment, the Company was in compliance with all financial covenants as of December 31, 2018.

The Company expects to meet its future internal liquidity and working capital needs, and maintain or replace its equipment fleet through capital expenditure purchases and major repairs, from funds generated by our operating activities for at least the next 12 months. The Company believes that our cash position and available borrowings together with cash flow from our operations is adequate for general business requirements and to service its debt.

Derivative Financial Instruments

On September 16, 2015, the Company entered into a series of receive-variable, pay-fixed interest rate swaps to hedge the variability in the interest payments on 50% of the aggregate principal amount of the Regions Term Loan outstanding, beginning with a notional amount of \$67.5 million. There are a total of five sequential interest rate swaps to achieve the hedged position and each year on August 31, with the exception of the final swap, the existing interest rate swap is scheduled to expire and will be immediately replaced with a new interest rate swap until the expiration of the final swap on July 31, 2020. On December 6, 2018, the Company entered a sixth receive-variable, pay-fixed interest rate swaps to hedge the variability of interest payments. The sixth swap will begin with a notional amount of \$27.0 million on July 31, 2020 will hedge the variability in the interest payments on 50% of the aggregate scheduled principal amount of the Regions Term Loan outstanding. The sixth swap is scheduled to expire on June 30, 2023. At inception, these interest rate swaps were designated as a cash flow hedge for hedge accounting, and as such, the effective portion of unrealized changes in market value are recorded in accumulated other comprehensive income (loss) and reclassified into earnings during the period in which the hedged forecasted transaction affects earnings. Gains and losses from hedge ineffectiveness are recognized in current earnings. The change in fair market value of the swaps as of December 31, 2018 is less than \$0.1 million, which is reflected in the balance sheet as a liability. The fair market value of the swaps as of December 31, 2018 is less than \$0.1 million. See [Note 9](#) for more information regarding the fair value of the Company's derivative instruments.

Bonding Capacity

We are generally required to provide various types of surety bonds that provide additional security to our customers for our performance under certain government and private sector contracts. Our ability to obtain surety bonds depends on our capitalization, working capital, past performance and external factors, including the capacity of the overall surety market. At December 31, 2018, our capacity under our current bonding arrangement was \$500 million, with approximately \$133 million of remaining availability. We believe our strong balance sheet and working capital position will allow us to continue to access our bonding capacity.

Effect of Inflation

We are subject to the effects of inflation through increases in the cost of raw materials, and other items such as fuel, concrete and steel. Due to the relative short-term duration of our projects, we are generally able to include anticipated price increases in the cost of our bids.

Off Balance Sheet Arrangements

Currently our only off balance sheet arrangements are operating leases to which we are a party, those discussed above under “Bonding Capacity” and “Sources of Capital” and those which arise in the normal course of business. These arrangements are not reasonably likely to have an effect on our financial condition, revenues or expenses, results of operations, liquidity, capital expenditures, or capital resources that is material to investors. See [Note 17 – Commitments and Contingencies](#) of Notes to Consolidated Financial Statements beginning on page F-1 of this Annual Report on Form 10-K.

Contractual Obligations

The following table sets forth information about our contractual obligations and commercial commitments as of December 31, 2018:

	Total	Payment Due by Period			
		< 1 year	1-3 years	3-5 years	> 5 years
		(in thousands)			
Debt obligations	\$ 80,500	\$ 3,000	\$ 8,250	\$ 69,250	\$ —
Lease obligations	33,205	\$ 10,308	12,694	4,913	\$ 5,290
Purchase obligations (1)	—	—	—	—	—
Total	\$ 113,705	\$ 13,308	\$ 20,944	\$ 74,163	\$ 5,290

- (1) Commitments pursuant to other purchase orders and subcontracts related to construction contracts are not included since such amounts are expected to be funded under contract billings.

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To manage risks of changes in the material prices and subcontracting costs used in tendering bids for construction contracts, we routinely obtain firm quotations from our suppliers and subcontractors before submitting a bid. These quotations do not include any quantity guarantees, and we have no obligation for materials or subcontract services beyond those required to complete the contracts that we are awarded for which quotations have been provided.

A summary of debt and other contractual obligations as of December 31, 2018 and December 31, 2017 is as follows:

	December 31, 2018	December 31, 2017
Credit facility, non-current maturities	\$ 77,500	\$ 65,250
Credit facility, current maturities	3,000	23,500
Total long-term debt	\$ 80,500	\$ 88,750
Outstanding letters of credits	\$ 814	742
Leasing arrangements	\$ 33,205	\$ 37,313
Other long-term liabilities	\$ 8,759	3,573

The maturity date for amounts drawn under the revolving line of credit is the earlier of the Facility termination date of July 31, 2023, or the date the outstanding balance is permanently reduced to zero. Prior to the fourth quarter of 2018, the Company classified amounts drawn as current liabilities based on an intent and ability to repay the amounts using current assets within the next twelve months. During the fourth quarter of 2018, the Company determined it no longer has the intent to repay amounts drawn within the next twelve months. Therefore, the Company has classified the entire outstanding balance of the revolving line of credit as non-current.

Recently Issued Accounting Pronouncements

See [Note 2 - Summary of Significant Accounting Principles](#) of the Notes to the Financial Statements (Part IV, Item 15 of this Form 10-K) for further discussion.

Item 7A. QUANTITATIVE AND QUALITATIVE DISCLOSURES ABOUT MARKET RISK

In the normal course of business, our results of operations are subject to risks related to fluctuations in commodity prices and fluctuations in interest rates. Historically, our exposure to foreign currency fluctuations has not been material and has been limited to temporary field accounts located in foreign countries where we perform work. Foreign currency fluctuations were immaterial in this reporting period.

Commodity price risk

We are subject to fluctuations in commodity prices for concrete, steel products and fuel. Although we routinely attempt to secure firm quotes from our suppliers, we generally do not hedge against increases in prices for commodity products. Commodity price risks may have an impact on our results of operations due to the fixed-price nature of many of our contracts, although the short-term duration of our projects may allow us to include price increases in the costs of our bids.

Interest rate risk

At December 31, 2018, we had \$80.5 million in outstanding borrowings under our credit facility, with a weighted average interest rate of 4.63%. Also we have entered into a series of receive-variable, pay-fixed interest rate swaps to hedge the variability in the interest payments on 50% of the aggregate principal amount of the term loan component of the credit facility outstanding, beginning with a notional amount of \$67.5 million. At inception, these interest rate swaps were designated as a cash flow hedge for hedge accounting. Our objectives in managing interest rate risk are to lower our overall borrowing costs and limit interest rate changes on our earnings and cash flows. To achieve this, we closely monitor changes in interest rates and we utilize cash from operations to reduce our debt position, if warranted.

Item 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA

The information required by this Item 8 is submitted as a separate section beginning on page F-1 of this Annual Report on Form 10-K and is incorporated herein by reference.

Additionally, a two-year Summary of Selected Quarterly Financial Data (unaudited) is included in “*Selected Quarterly Financial Data*” under Item 6 - Selected Quarterly Financial Data.

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

Disclosure controls and procedures (as defined in Rules 13a-15(e) and 15d-15(e) under the Securities Exchange Act of 1934, as amended (the Exchange Act)) are designed to provide reasonable assurance that information required to be disclosed by us in reports that we file or submit under the Exchange Act is recorded, processed, summarized, and reported within the time periods specified in SEC rules and forms, and is accumulated and communicated to management, including our principal executive officer and principal financial officer, as appropriate, to allow timely decisions regarding required disclosure.

Based on management's evaluation (with the participation of our principal executive officer and principal financial officer), as of the end of the period covered by this report, our principal executive officer and principal financial officer have concluded that our disclosure controls and procedures were effective as of December 31, 2018.

Notwithstanding the material weaknesses occurring earlier in the year described below, our management, including our principal executive officer and principal financial officer, believes that the audited consolidated financial statements contained in this Annual Report on Form 10-K fairly present, in all material respects, our financial condition, results of operations and cash flows for the years presented in conformity with U.S. generally accepted accounting principles. In addition, the material weaknesses described below did not result in the restatement of any of our audited or unaudited consolidated financial statements or disclosures for any previously reported periods.

Changes in Internal Control over Financial Reporting

A material weakness is defined as a deficiency, or a combination of deficiencies, in internal control over financial reporting, such that there is a reasonable possibility that a material misstatement of our annual or interim financial statements will not be prevented or detected on a timely basis.

During the quarter ended December 31, 2018, we identified control deficiencies in internal control occurring in earlier 2018 interim periods related to:

- a lack of segregation of duties and ineffective user access controls to IT applications regarding the input and review of manual journal entries and ineffective balance sheet account reconciliation controls at the Concrete segment. These control deficiencies resulted from ineffective risk assessment process to evaluate necessary changes in our financial reporting processes and related controls in response to changes in senior finance personnel at our Concrete segment and a lack of sufficient accounting professionals to perform supervisory reviews and monitoring activities over financial reporting at the Concrete segment.
- an ineffective control over the evaluation of the classification of leases for financial reporting purposes. This control deficiency resulted because we did not effectively identify and communicate relevant and reliable information from lease contracts to finance personnel on a timely basis so they could fulfill their financial reporting and control responsibilities.

The control deficiency related to leases resulted in immaterial misstatements to previous annual and interim consolidated financial statements that were corrected in the consolidated financial statements as of and for the year ended December 31, 2018. These control deficiencies create a reasonable possibility that a material misstatement to the consolidated financial statements will not be prevented or detected on a timely basis. Accordingly, we concluded that they represented material weaknesses during the three month interim periods ended March 31, 2018, June 30, 2018 and September 30, 2018.

Upon discovering the control deficiencies, we updated our risk assessment and modified the design and operation of affected process level controls and assigned additional personnel to monitor the Concrete segment's accounting activities beginning in the quarter ended December 31, 2018. We also updated our policies and procedures and implemented new controls to ensure the accounting evaluation for lease modifications are performed in a timely manner.

As a result of the remediation actions described above, management concluded that the material weaknesses were remediated as of December 31, 2018.

Except for the identification and remediation of the material weaknesses described above, there were no other changes to our internal control over financial reporting (as defined in Rules 13a-15(f) and 15d-15(f) under the Exchange Act) that occurred during the quarter ended December 31, 2018 that have materially affected, or are reasonably likely to materially affect, our internal control over financial reporting.

Management Report on Internal Control over Financial Reporting

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Management is responsible for establishing and maintaining adequate internal control over financial reporting (as defined in Rule 13a-15(f) of the Exchange Act). Our internal control over financial reporting is designed 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 in the United States. Our system of internal control over financial reporting includes policies and procedures that (1) pertain to the maintenance of records that, in reasonable detail, accurately and fairly reflect the transactions and dispositions of our assets; (2) provide reasonable assurance that transactions are recorded as necessary to permit preparation of financial statements in accordance with U.S. generally accepted accounting principles and that receipts and expenditures are being made only in accordance with authorizations of our management; and (3) provide reasonable assurance regarding prevention or timely detection of unauthorized acquisition, use or disposition of our assets that could have a material effect on our consolidated financial statements.

Management, under the oversight of our principal executive officer and principal financial officer, and Audit Committee, assessed the effectiveness of our internal control over financial reporting as of December 31, 2018 using the criteria set forth by the Committee of Sponsoring Organizations of the Treadway Commission in Internal control - An Integrated Framework ("2013 Framework"). Based on its assessment, management has concluded that our internal control over financial reporting was effective as of December 31, 2018 to provide reasonable assurance regarding the reliability of financial reporting and the preparation of consolidated financial statements for external reporting purposes in accordance U.S. generally accepted accounting principles.

Our independent registered public accounting firm, KPMG LLP, who audited the consolidated financial statements included in this annual report, has audited the effectiveness of our internal control over financial reporting as of December 31, 2018. KPMG LLP's report appears on page F-4 of this annual report on Form 10-K.

Inherent Limitations on Effectiveness of Controls

Our management, including the principal executive officer and principal financial officer, does not expect that our disclosure controls and procedures or our internal control over financial reporting will prevent or detect all errors and all fraud. A control system, no matter how well-designed and implemented, can provide only reasonable, not absolute, assurance that the control system's objectives will be met. The design of a control system must reflect the fact that there are resource constraints, and the benefits of controls must be considered relative to their costs. Further, because of the inherent limitations in all control systems, no evaluation of controls can provide absolute assurance that misstatements due to error or fraud will not occur or that all control issues and instances of fraud, if any, have been detected.

Item 9B. OTHER INFORMATION

None

PART III

Item 10. DIRECTORS, EXECUTIVE OFFICERS AND CORPORATE GOVERNANCE

Directors, Executive Officers, Promoters and Control Persons

The information required by Paragraph (a), and Paragraphs (c) through (g) of Item 401 of Regulation S-K (except for information required by Paragraph (e) of that Item to the extent the required information pertains to our executive officers) and Item 405 of Regulation S-K is hereby incorporated by reference from our definitive proxy statement to be filed with the SEC pursuant to Regulation 14A within 120 days after the close of our fiscal year.

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The following table presents the information required by Paragraph (b) of Item 401 of Regulation S-K.

Name	Age	Position with the Company	Year Joined the Registrant
Richard L. Daerr, Jr.	74	Chairman of the Board	2007
Thomas N. Amonett	75	Director	2007
J. Michael Pearson	71	Director	2006
Austin J. Shanfelter	62	Director	2007
Mary E. Sullivan	62	Director	2019
Michael J. Caliel	59	Director	2019
Mark R. Stauffer	56	President, Chief Executive Officer and Director	1999
Peter R. Buchler	72	Executive Vice President, Chief Administrative Officer, Chief Compliance Officer, General Counsel and Secretary	2009
Robert L. Tabb	34	Vice President and Interim Chief Financial Officer	2014

Code of Ethics

We have adopted a code of ethics for our chief executive, chief financial and principal accounting officers; a code of business conduct and ethics for members of our Board of Directors; and corporate governance guidelines. The full texts of the codes of ethics and corporate governance guidelines are available at our website www.oriongroup Holdingsinc.com. Although we have never done so, in the event we make any amendment to, or grant any waiver from, a provision of the code of ethics that applies to the principal executive officer, principal financial officer or principal accounting officer that requires disclosure under applicable SEC rules, we will disclose such amendment or waiver and the reasons therefore on our website. We will provide any person without charge a copy of any of the aforementioned codes of ethics upon receipt of a written request. Requests should be addressed to: Orion Group Holdings, Inc. 12000 Aerospace Avenue, Suite 300, Houston, Texas 77034, Attention: Corporate Secretary.

Corporate Governance

The information required by Items 407(c)(3), (d)(4) and (d)(5) of Regulation S-K is hereby incorporated by reference from our definitive proxy statement to be filed with the SEC pursuant to Regulation 14A within 120 days after the close of our fiscal year.

Item 11. EXECUTIVE COMPENSATION

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

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

The information required by Item 403 of Regulation S-K is hereby incorporated by reference from our definitive proxy statement to be filed with the SEC pursuant to Regulation 14A within 120 days after the close of our fiscal year.

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

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

Item 14. PRINCIPAL ACCOUNTING FEES AND SERVICES

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

PART IV

Item 15. EXHIBITS AND FINANCIAL STATEMENT SCHEDULES

The following documents are filed as part of this Report:

1. Financial Statements

The Company's Consolidated Financial Statements at December 31, 2018 and 2017 and for each of the three years in the period ended December 31, 2018 and the notes thereto, together with the Report of the Independent Registered Public Accounting Firm on those Consolidated Financial Statements are hereby filed as part of this Report, beginning on page F-1.

2. Financial Statement Schedule

The following financial statement schedule of the Company for each of the three years in the period ended December 31, 2018 is filed as part of this Report and should be read in conjunction with the Consolidated Financial Statements of the Company.

Schedule II – Schedule of Valuation and Qualifying Accounts

3. Exhibits

Exhibit Number	Description
2.1	Membership Interests Purchase Agreement dated August 5, 2015 by and among T.A.S. Holdings, LLC and Orion Concrete Construction, LLC (Schedules, exhibits and similar attachments to the Purchase Agreement that are not material have been omitted pursuant to Item 601(b) (2) of Regulation S-K. The Company will furnish supplementally a copy of any omitted schedule, exhibit or similar attachment to the SEC upon request) (incorporated herein by reference to Exhibit 2.1 to the Company's Quarterly Report on Form 10-Q for the quarter ended June 30, 2015, filed with the Securities and Exchange Commission on August 7, 2015 (File No. 001-33891)).
2.2	First Amendment, effective June 17, 2016, to the Membership Interests Purchase Agreement dated August 5, 2015 (incorporated herein by reference to Exhibit 2.2 to the Company's Quarterly Report on Form 10-Q for the quarter ended June 30, 2016, filed with the Securities and Exchange Commission on August 5, 2016 (File No. 001-33891)).
2.3	Post Closing Supplemental Agreement Amendment, effective June 17, 2016, as a supplement to the Membership Interests Purchase Agreement dated August 5, 2015 (incorporated herein by reference to Exhibit 2.3 to the Company's Quarterly Report on Form 10-Q for the quarter ended June 30, 2016, filed with the Securities and Exchange Commission on August 5, 2016 (File No. 001-33891)).
2.4	Stock Purchase Agreement dated April 9, 2017 by and among Anthony James Bagliore III and Lori Sue Bagliore and T.A.S. Commercial Concrete Construction, LLC (Schedules, exhibits and similar attachments to the Agreement that are not material have been omitted pursuant to Item 601(b)(2) of Regulation S-K. The Company will furnish supplementally a copy of any omitted schedule, exhibit or similar attachment to the SEC upon request) (incorporated herein by reference to Exhibit 2.1 to the Company's Current Report on Form 8-K, filed with the Securities and Exchange Commission on April 13, 2017 (File No. 1-33891)).
3.1	Amended and Restated Certificate of Incorporation of Orion Group Holdings, Inc. (incorporated herein by reference to Exhibit 3.1 to the Company's Quarterly Report on Form 10-Q for the quarter ended June 30, 2016, filed with the Securities and Exchange Commission on August 5, 2016 (File No. 001-33891)).
3.2	Amended and Restated Bylaws of Orion Group Holdings, Inc. (incorporated herein by reference to Exhibit 3.2 to the Company's Quarterly Report on Form 10-Q for the quarter ended June 30, 2016, filed with the Securities and Exchange Commission on August 5, 2016 (File No. 001-33891)).
4.1	Registration Rights Agreement by and between Friedman, Billings, Ramsey & Co., Inc. and Orion Marine Group, Inc. dated May 17, 2007 (incorporated herein by reference to Exhibit 4.1 to the Company's Registration Statement on Form S-1 filed with the Securities and Exchange Commission on August 20, 2007 (File No. 333-145588)).
† 10.1	Form of Indemnity Agreement for Directors and Certain Officers dated November 24, 2008 (incorporated herein by reference to Exhibit 1.01 to the Company's Current Report on Form 8-K filed with the Securities and Exchange Commission on November 25, 2008 (File No. 001-33891)).
† 10.2	Orion Marine Group, Inc. 2007 Long Term Incentive Plan (incorporated herein by reference to Exhibit 10.11 to the Company's Registration Statement on Form S-1 filed with the Securities and Exchange Commission on August 20, 2007 (File No. 333-145588)).
† 10.3	Form of Stock Option Agreement Under the 2007 Long Term Incentive Plan (incorporated herein by reference to Exhibit 10.12 to the Company's Registration Statement on Form S-1 filed with the Securities and Exchange Commission on August 20, 2007 (File No. 333-145588)).

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- † [10.4](#) Orion Marine Group, Inc. 2011 Long Term Incentive Plan (incorporated herein by reference to Appendix A to the Company's Definitive Proxy Statement filed with the Securities and Exchange Commission on April 4, 2011 (File No. 001-33891)).
- † [10.5](#) Form of Stock Option Agreement Under the 2011 Long Term Incentive Plan (incorporated herein by reference to Exhibit 10.10 to the Company's Annual Report on Form 10-K filed with the Securities and Exchange Commission on March 6, 2012 (File No. 001-33891)).
- † [10.6](#) Form of Restricted Stock Agreement and Notice of Grant of Restricted Stock under the 2011 Long Term Incentive Plan (incorporated herein by reference to Exhibit 10.11 to the Company's Annual Report on Form 10-K filed with the Securities and Exchange Commission on March 6, 2012 (File No. 001-33891)).
- † [10.7](#) Executive Incentive Plan (incorporated herein by reference to Exhibit 10.14 to the Company's Quarterly Report on Form 10-Q for the quarter ended September 30, 2008, filed with the Securities and Exchange Commission on November 7, 2008 (File No. 001-33891)).
- † [10.8](#) Orion Group Holdings, Inc. 2017 Long-Term Incentive Plan (incorporated herein by reference to Appendix A to the Company's Proxy Statement on Schedule 14A, filed with the Securities and Exchange Commission on April 11, 2017 (File No. 001-33891)).
- *† [10.9](#) Form of Stock Option Agreement under the 2017 Long-Term Incentive Plan.
- *† [10.10](#) Form of Restricted Stock Agreement under the 2017 Long-Term Incentive Plan.
- *† [10.11](#) Form of Performance Unit Agreement under the 2017 Long-Term Incentive Plan.
- *† [10.12](#) Summary of Non-Employee Director Compensation.
- [10.13](#) Real Estate Purchase and Sale Agreement (Jones Spoils Tracts, Harris County, TX) dated February 3, 2014, by and between PASADENA NITROGEN LLC, a Delaware limited liability company, as Seller, and CPB PROPERTIES, LLC, a Texas limited liability company, as Purchaser, and joined in by AGRIFOS HOLDINGS, INC., a Delaware corporation, effective February 26, 2014 (incorporated herein by reference to Exhibit 10.1 to the Company's Current Report on Form 8-K/A filed with the Securities and Exchange Commission on March 4, 2014) (File No. 001-33891).
- † [10.14](#) Employment Agreement dated January 1, 2015 between Orion Marine Group, Inc. and Mark R. Stauffer (incorporated herein by reference to Exhibit 10.1 to the Company's Current Report on Form 8-K filed with the Securities and Exchange Commission on January 2, 2015) (File No. 001-33891).
- † [10.15](#) First Amendment, effective January 1, 2017, to Employment Agreement by and between Orion Group Holdings, Inc. and Mark Stauffer dated January 1, 2015 (incorporated herein by reference to Exhibit 10.2 to the Company's Current Report on Form 8-K, filed with the Securities and Exchange Commission on March 20, 2017 (File No. 001-33891)).
- † [10.16](#) Second Amendment, effective June 5, 2018, to Employment Agreement by and between Orion Group Holdings, Inc. and Mark Stauffer dated January 1, 2015 (incorporated herein by reference to Exhibit 10.1 to the Company's Current Report on Form 8-K, filed with the Securities and Exchange Commission on June 8, 2018 (File No. 001-33891)).
- † [10.17](#) Employment Agreement dated January 1, 2015 between Orion Marine Group, Inc. and Peter R. Buchler (incorporated herein by reference to Exhibit 10.3 to the Company's Current Report on Form 8-K filed with the Securities and Exchange Commission on January 2, 2015) (File No. 001-33891).
- † [10.18](#) First Amendment, effective April 1, 2017, to Employment Agreement by and between Orion Group Holdings, Inc. and Peter R. Buchler dated January 1, 2015 (incorporated herein by reference to Exhibit 10.2 to the Company's Current Report on Form 8-K, filed with the Securities and Exchange Commission on April 5, 2017 (File No. 001-33891)).
- † [10.19](#) Second Amendment, effective June 5, 2018, to Employment Agreement by and between Orion Group Holdings, Inc. and Peter R. Buchler dated January 1, 2015 (incorporated herein by reference to Exhibit 10.2 to the Company's Current Report on Form 8-K, filed with the Securities and Exchange Commission on June 8, 2018 (File No. 001-33891)).
- *† [10.20](#) Employment Agreement between Orion Group Holdings, Inc., and Robert L. Tabb, dated September 30, 2015, as amended by the First Amendment, effective September 25, 2017.
- † [10.21](#) Employment Agreement dated January 1, 2015 between Orion Marine Group, Inc. and Christopher J. DeAlmeida (incorporated herein by reference to Exhibit 10.4 to the Company's Current Report on Form 8-K filed with the Securities and Exchange Commission on January 2, 2015) (File No. 001-33891).
- † [10.22](#) Third Amendment, effective June 5, 2018, to Employment Agreement by and between Orion Group Holdings, Inc. and Christopher J. DeAlmeida dated January 1, 2015 (incorporated herein by reference to Exhibit 10.3 to the Company's Current Report on Form 8-K, filed with the Securities and Exchange Commission on June 8, 2018 (File No. 001-33891)).

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- [10.23](#) Credit Agreement dated as of August 5, 2015 among Orion Marine Group, Inc. as Borrower, Certain Subsidiaries of the Borrower Party Hereto From Time to Time, as Guarantors, The Lenders Party Hereto, Regions Bank, as Administrative Agent and Collateral Agent, and Bank of America, N.A., BOKF, NA DBA Bank of Texas, and Branch Banking and Trust Company, as Co-Syndication Agents, Regions Capital Markets, a division of Regions Bank, as Lead Arranger and Book Manager (incorporated herein by reference to Exhibit 10.3 to the Company's Quarterly Report on Form 10-Q for the quarter ended June 30, 2015, filed with the Securities and Exchange Commission on August 7, 2015 (File No. 001-33891)).
- [10.24](#) First Amendment, effective March 31, 2016, to the Credit Agreement dated as of August 5, 2015, among Orion Marine Group, Inc. as Borrower, Certain Subsidiaries of the Borrower Party Hereto From Time To Time, as Guarantors, The Lenders Party Hereto, Regions Bank, as Administrative Agent and Collateral Agent, and Bank of America, N.A., BOKF, NA DBA Bank of Texas, and Branch Banking and Trust Company, as Co-Syndication Agents, Regions Capital Markets, a division of Regions Bank, as Lead Arranger and Book Manager (incorporated herein by reference to Exhibit 10.2 to the Company's Quarterly Report on Form 10-Q for the quarter ended March 31, 2016, filed with the Securities and Exchange Commission on May 6, 2016 (File No. 001-33891)).
- [10.25](#) Second amendment, effective June 30, 2017, to the Credit Agreement dated as of August 5, 2015 among Orion Marine Group, Inc. as Borrower, Certain Subsidiaries of the Borrower Party Hereto From Time to Time, as Guarantors, the Lenders Party Hereto, Regions Bank, as Administrative Agent and Collateral Agent, and Bank of America, N.A., BOKF, NA DBA Bank of Texas, and Branch Banking and Trust Company, as Co-syndication Agents, Regions Capital Markets, a division of Regions Bank, as Lead Arranger and Book Manager (incorporated herein by reference to Exhibit 10.3 to the Company's Quarterly Report on Form 10-Q for the quarter ended June 30, 2017, filed with the Securities and Exchange Commission on August 3, 2017 (File No. 1-33891)).
- [10.26](#) Third amendment, effective September 30, 2017, to the Credit Agreement dated as of August 5, 2015 among Orion Marine Group, Inc. as Borrower, Certain Subsidiaries of the Borrower Party Hereto From Time to Time, as Guarantors, the Lenders Party Hereto, Regions Bank, as Administrative Agent and Collateral Agent, and Bank of America, N.A., BOKF, NA DBA Bank of Texas, and Branch Banking and Trust Company, as Co-syndication Agents, Regions Capital Markets, a division of Regions Bank, as Lead Arranger and Book Manager (incorporated herein by reference to Exhibit 10.4 to the Company's Quarterly Report on Form 10-Q for the quarter ended September 30, 2017, filed with the Securities and Exchange Commission on November 9, 2017 (File No. 001-33891)).
- [10.27](#) Fourth amendment, effective July 31, 2018, to the Credit Agreement dated as of August 5, 2015 among Orion Marine Group, Inc. as Borrower, Certain Subsidiaries of the Borrower Party Hereto From Time to Time, as Guarantors, the Lenders Party Hereto, Regions Bank, as Administrative Agent and Collateral Agent, and Bank of America, N.A., BOKF, NA DBA Bank of Texas, and Branch Banking and Trust Company, as Co-syndication Agents, Regions Capital Markets, a division of Regions Bank, as Lead Arranger and Book Manager (incorporated herein by reference to Exhibit 10.1 to the Company's Quarterly Report on Form 10-Q for the quarter ended June 30, 2018, filed with the Securities and Exchange Commission on August 3, 2018 (File No. 001-33891)).
- 10.28 Fifth amendment, effective March 21, 2019, to the Credit Agreement dated as of August 5, 2015 among Orion Marine Group, Inc. as Borrower, Certain Subsidiaries of the Borrower Party Hereto From Time to Time, as Guarantors, the Lenders Party Hereto, Regions Bank, as Administrative Agent and Collateral Agent, and Bank of America, N.A., BOKF, NA DBA Bank of Texas, and Branch Banking and Trust Company, as Co-syndication Agents, Regions Capital Markets, a division of Regions Bank, as Lead Arranger and Book Manager (incorporated herein by reference to Exhibit 10.1 to the Company's Current Report on Form 8-K, filed with the Securities and Exchange Commission on March 26, 2019 (File No. 001-33891)).
- [16.1](#) Letter to the Securities and Exchange Commission from Ernst & Young LLP, dated April 5, 2017 (incorporated herein by reference to Exhibit 16.1 to the Company's Current Report on Form 8-K, filed with the Securities and Exchange Commission on April 5, 2017 (File No. 001-33891)).
- * [21.1](#) List of Subsidiaries.
- * [23.1](#) Consent of Independent Registered Public Accounting Firm -KPMG
- * [23.2](#) Consent of Independent Registered Public Accounting Firm - Ernst & Young.
- [24.1](#) Power of Attorney (included on signature page of this filing).
- * [31.1](#) Certification of CEO pursuant to Section 302.
- * [31.2](#) Certification of CFO pursuant to Section 302.
- * [32.1](#) Certification of CEO and CFO pursuant to Section 906.

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101.INS XBRL Instance Document.

101.SCH XBRL Taxonomy Extension Schema Document.

101.CAL XBRL Extension Calculation Linkbase Document.

101.DEF XBRL Taxonomy Extension Definition Linkbase Document.

101.LAB XBRL Taxonomy Extension Label Linkbase Document.

101.PRE XBRL Taxonomy Extension Presentation Linkbase Document.

* Filed herewith

† Management contract or compensatory plan or arrangement

(b) Financial Statement Schedules

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.

ORION GROUP HOLDINGS, INC.

March 26, 2019

By: /s/ Mark R. Stauffer

Mark R. Stauffer
President, Chief Executive Officer and Director

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:

<u>Signature</u>	<u>Title</u>	<u>Date</u>
<u>/s/ Mark R. Stauffer</u> Mark R. Stauffer	President, Chief Executive Officer and Director	March 26, 2019
<u>/s/ Robert L. Tabb</u> Robert L. Tabb	Vice President and Interim Chief Financial Officer	March 26, 2019
<u>/s/ Richard L. Daerr, Jr.</u> Richard L. Daerr, Jr.	Chairman of the Board	March 26, 2019
<u>/s/ Thomas N. Amonett</u> Thomas N. Amonett	Director	March 26, 2019
<u>/s/ J. Michael Pearson</u> J. Michael Pearson	Director	March 26, 2019
<u>/s/ Austin J. Shanfelter</u> Austin J. Shanfelter	Director	March 26, 2019
<u>/s/ Mary E. Sullivan</u> Mary E. Sullivan	Director	March 26, 2019
<u>/s/ Michael J. Caliel</u> Michael J. Caliel	Director	March 26, 2019

ORION GROUP HOLDINGS, INC. AND SUBSIDIARIES
INDEX TO CONSOLIDATED FINANCIAL STATEMENTS

December 31, 2018

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REPORT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

The Board of Directors and Stockholders
Orion Group Holdings, Inc.

Opinion on the Consolidated Financial Statements

We have audited the accompanying consolidated balance sheets of Orion Group Holdings, Inc. and subsidiaries (the “Company”) as of December 31, 2018 and 2017, the related consolidated statements of operations, comprehensive income (loss), stockholders’ equity, and cash flows for each of the years in the two-year period ended December 31, 2018 and the related notes and financial statement schedule II (collectively, 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, 2018 and 2017, and the results of its operations and its cash flows for each of the years in the two-year period ended December 31, 2018, in conformity with U.S. generally accepted accounting principles.

We also have audited, in accordance with the standards of the Public Company Accounting Oversight Board (United States) (PCAOB), the Company’s internal control over financial reporting as of December 31, 2018, based on criteria established in Internal Control - Integrated Framework (2013) issued by the Committee of Sponsoring Organizations of the Treadway Commission, and our report dated March 26, 2019 expressed an unqualified opinion on the effectiveness of the Company’s internal control over financial reporting.

Change in Accounting Principle

As discussed in Note 2 to the consolidated financial statements, the Company adopted Accounting Standard Update No. 2014-09, Revenue from Contracts with Customers, on January 1, 2018.

Basis for Opinion

These consolidated financial statements are the responsibility of the Company’s management. Our responsibility is to express an opinion on these consolidated financial statements based on our audits. We are a public accounting firm registered with the 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 in accordance with the standards of the PCAOB. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the consolidated financial statements are free of material misstatement, whether due to error or fraud. 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.

/s/ KPMG LLP

We have served as the Company’s auditor since 2017.

Houston, Texas
March 26, 2019

REPORT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

To the Board of Directors and Stockholders
Orion Group Holdings, Inc. and subsidiaries:

Opinion on Internal Control Over Financial Reporting

We have audited Orion Group Holdings, Inc. and subsidiaries' (the Company) internal control over financial reporting as of December 31, 2018, based on criteria established in Internal Control - Integrated Framework (2013) issued by the Committee of Sponsoring Organizations of the Treadway Commission. In our opinion, the Company maintained, in all material respects, effective internal control over financial reporting as of December 31, 2018, based on criteria established in Internal Control - Integrated Framework (2013) issued by the Committee of Sponsoring Organizations of the Treadway Commission.

We also have audited, in accordance with the standards of the Public Company Accounting Oversight Board (United States) (PCAOB), the consolidated balance sheets of the Company as of December 31, 2018 and 2017, the related consolidated statements of operations, comprehensive income (loss), stockholders' equity, and cash flows for each of the years in the two-year period ended December 31, 2018, and the related notes and financial statement schedule II (collectively, the consolidated financial statements), and our report dated March 26, 2019 expressed an unqualified opinion on those consolidated financial statements.

Basis for Opinion

The Company's management is responsible for maintaining effective internal control over financial reporting and for its assessment of the effectiveness of internal control over financial reporting, included in the accompanying Management's Report on Internal Control Over Financial Reporting. Our responsibility is to express an opinion on the Company's internal control over financial reporting based on our audit. We are a public accounting firm registered with the 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 audit in accordance with the standards of the PCAOB. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether effective internal control over financial reporting was maintained in all material respects. Our audit of internal control over financial reporting included obtaining an understanding of internal control over financial reporting, assessing the risk that a material weakness exists, and testing and evaluating the design and operating effectiveness of internal control based on the assessed risk. Our audit also included performing such other procedures as we considered necessary in the circumstances. We believe that our audit provides a reasonable basis for our opinion.

Definition and Limitations of Internal Control Over Financial Reporting

A company's internal control over financial reporting is a process designed 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. A company's internal control over financial reporting includes those policies and procedures that (1) pertain to the maintenance of records that, in reasonable detail, accurately and fairly reflect the transactions and dispositions of the assets of the company; (2) provide reasonable assurance that transactions are recorded as necessary to permit preparation of financial statements in accordance with generally accepted accounting principles, and that receipts and expenditures of the company are being made only in accordance with authorizations of management and directors of the company; and (3) provide reasonable assurance regarding prevention or timely detection of unauthorized acquisition, use, or disposition of the company's assets that could have a material effect on the financial statements.

Because of its inherent limitations, internal control over financial reporting may not prevent or detect misstatements. Also, projections of any evaluation of effectiveness to future periods are subject to the risk that controls may become inadequate because of changes in conditions, or that the degree of compliance with the policies or procedures may deteriorate.

/s/ KPMG LLP

Houston, Texas
March 26, 2019

REPORT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

To the Board of Directors and Stockholders of
Orion Group Holdings, Inc. and subsidiaries

We have audited the accompanying consolidated balance sheets of Orion Group Holdings, Inc. and subsidiaries as of December 31, 2016, and the related consolidated statements of operations, comprehensive (loss) income, stockholders' equity and cash flows for the year ended December 31, 2016. Our audit also included the financial statement schedule listed in the Index at Item 15(2). These financial statements and the financial statement schedule are the responsibility of the Company's management. Our responsibility is to express an opinion on these financial statements and schedule based on our audit.

We conducted our audit in accordance with the standards of the Public Company Accounting Oversight Board (United States). Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation. We believe that our audit provided a reasonable basis for our opinion.

In our opinion, the financial statements referred to above present fairly, in all material respects, the consolidated financial position of Orion Group Holdings, Inc. and subsidiaries at December 31, 2016, and the consolidated results of their operations and their cash flows for the year ended December 31, 2016, in conformity with U.S. generally accepted accounting principles. Also, in our opinion, the related financial statement schedule, when considered in relation to the basic financial statements taken as a whole, presents fairly in all material respects the information set forth therein.

We also have audited, in accordance with the standards of the Public Company Accounting Oversight Board (United States), Orion Group Holdings, Inc.'s internal control over financial reporting as of December 31, 2016, based on criteria established in *Internal Control-Integrated Framework issued by the Committee of Sponsoring Organizations of the Treadway Commission (2013 framework)* and our report dated March 24, 2017 expressed an unqualified opinion thereon.

/s/ ERNST & YOUNG LLP

Houston, Texas
March 24, 2017

Orion Group Holdings, Inc. and Subsidiaries
Consolidated Balance Sheets
December 31, 2018 and 2017
(In Thousands, Except Share and Per Share Information)

	2018	2017
ASSETS		
Current assets:		
Cash and cash equivalents	\$ 8,684	\$ 9,086
Accounts receivable:		
Trade, net of allowance of \$4,280 and \$0, respectively	77,641	84,953
Retainage	30,734	39,189
Other current	4,257	3,706
Income taxes receivable	467	339
Inventory	1,056	4,386
Costs and estimated earnings in excess of billings on uncompleted contracts	9,217	46,006
Prepaid expenses and other	5,000	4,124
Total current assets	137,056	191,789
Property and equipment, net	148,003	146,278
Inventory, non-current	7,598	4,915
Goodwill	—	69,483
Intangible assets, net of amortization	14,787	18,175
Other non-current	5,426	2,645
Total assets	<u>\$ 312,870</u>	<u>\$ 433,285</u>
LIABILITIES AND STOCKHOLDERS' EQUITY		
Current liabilities:		
Current debt, net of debt issuance costs	\$ 2,946	\$ 22,756
Accounts payable:		
Trade	42,023	45,194
Retainage	736	1,990
Accrued liabilities	18,840	17,873
Taxes payable	—	256
Billings in excess of costs and estimated earnings on uncompleted contracts	21,761	33,923
Total current liabilities	86,306	121,992
Long-term debt, net of debt issuance costs	76,119	63,185
Other long-term liabilities	8,759	3,573
Deferred income taxes	49	13,243
Interest rate swap liability	52	26
Total liabilities	171,285	202,019
Stockholders' equity:		
Preferred stock -- \$0.01 par value, 10,000,000 authorized, none issued	—	—
Common stock -- \$0.01 par value, 50,000,000 authorized, 29,611,989 and 28,860,961 issued; 28,900,758 and 28,149,737 outstanding at December 31, 2018 and December 31, 2017, respectively	296	288
Treasury stock, 711,231 and 711,231 shares, at cost December 31, 2018 and December 31, 2017, respectively	(6,540)	(6,540)
Other comprehensive loss	(52)	(26)
Additional paid-in capital	179,742	174,697
Retained earnings	(31,861)	62,847
Total stockholders' equity	141,585	231,266
Total liabilities and stockholders' equity	<u>\$ 312,870</u>	<u>\$ 433,285</u>

The accompanying notes are an integral part of these consolidated financial statements

Orion Group Holdings, Inc. and Subsidiaries
Consolidated Statements of Operations
(In Thousands, Except Share and Per Share Information)

	Year ended December 31,		
	2018	2017	2016
Contract revenues	\$ 520,894	\$ 578,553	\$ 578,236
Costs of contract revenues	499,245	511,663	510,754
Gross profit	21,649	66,890	67,482
Selling, general and administrative expenses	61,460	66,026	64,987
Gain from sale of assets, net	(3,306)	(674)	(1,579)
Goodwill impairment charges	69,483	—	—
Other gain from continuing operations	(5,448)	—	—
Operating (loss) income	(100,540)	1,538	4,074
Other (expense) income:			
Other income	1,692	41	59
Interest income	136	11	3
Interest expense	(7,943)	(5,731)	(6,175)
Other (expense) income, net	(6,115)	(5,679)	(6,113)
Loss before income taxes	(106,655)	(4,141)	(2,039)
Income tax (benefit) expense	(12,233)	(4,541)	1,581
Net (loss) income	\$ (94,422)	\$ 400	\$ (3,620)
Basic (loss) income per share	\$ (3.31)	\$ 0.01	\$ (0.13)
Diluted (loss) income per share	\$ (3.31)	\$ 0.01	\$ (0.13)
Shares used to compute (loss) income per share			
Basic	28,518,353	28,029,936	27,536,967
Diluted	28,518,353	28,354,280	27,536,967

The accompanying notes are an integral part of these consolidated financial statements

Orion Group Holdings, Inc. and Subsidiaries
Consolidated Statements of Comprehensive Income (Loss)
(In Thousands)

	Year ended December 31,		
	2018	2017	2016
Net (loss) income	\$ (94,422)	\$ 400	\$ (3,620)
Change in fair value of cash flow hedge, net of tax benefit of \$15, net of tax expense of \$53, and net of tax expense of \$25 for the years ended December 31, 2018, 2017 and 2016, respectively	(26)	356	(237)
Total comprehensive (loss) income	<u>\$ (94,448)</u>	<u>\$ 756</u>	<u>\$ (3,857)</u>

The accompanying notes are an integral part of these consolidated financial statements

Orion Group Holdings, Inc. and Subsidiaries
Consolidated Statement of Stockholders' Equity
(In Thousands, Except Share and Per Share Information)

	Common Stock		Treasury Stock		Other Comprehensive Income (Loss)	Additional Paid-In Capital	Retained Earnings	Total
	Shares	Amount	Shares	Amount				
Balance, January 1, 2016	27,992,589	\$ 279	(711,231)	\$ (6,540)	\$ (145)	\$ 168,736	\$ 65,384	\$ 227,714
Stock-based compensation	—	—	—	—	—	2,280	—	2,280
Exercise of stock options	13,850	—	—	—	—	67	—	67
Issuance of restricted stock	407,002	4	—	—	—	(4)	—	—
Forfeiture of restricted stock	(7,591)	—	—	—	—	—	—	—
Cash flow hedge, net of tax	—	—	—	—	(237)	—	—	(237)
Net loss	—	—	—	—	—	—	(3,620)	(3,620)
Balance, December 31, 2016	28,405,850	\$ 283	(711,231)	\$ (6,540)	\$ (382)	\$ 171,079	\$ 61,764	\$ 226,204
Stock-based compensation	—	—	—	—	—	2,303	—	2,303
Deferred tax adjustment	—	—	—	—	—	—	683	683
Exercise of stock options	229,551	2	—	—	—	1,318	—	1,320
Issuance of restricted stock	345,913	3	—	—	—	(3)	—	—
Forfeiture of restricted stock	(120,353)	—	—	—	—	—	—	—
Cash flow hedge, net of tax	—	—	—	—	356	—	—	356
Net income	—	—	—	—	—	—	400	400
Balance, December 31, 2017	28,860,961	\$ 288	(711,231)	\$ (6,540)	\$ (26)	\$ 174,697	\$ 62,847	\$ 231,266
Adoption of ASC 606 (Note 2)							(286)	(286)
Stock-based compensation	—	—	—	—	—	2,238	—	2,238
Exercise of stock options	488,303	5	—	—	—	2,810	—	2,815
Issuance of restricted stock	333,864	3	—	—	—	(3)	—	—
Cash flow hedge, net of tax	—	—	—	—	(26)	—	—	(26)
Forfeiture of restricted stock	(71,139)	—	—	—	—	—	—	—
Net loss	—	—	—	—	—	—	(94,422)	(94,422)
Balance, December 31, 2018	29,611,989	\$ 296	(711,231)	\$ (6,540)	\$ (52)	\$ 179,742	\$ (31,861)	\$ 141,585

The accompanying notes are an integral part of these consolidated financial statements

Orion Group Holdings, Inc. and Subsidiaries
Consolidated Statements of Cash Flows
(In Thousands)

	Year ended December 31,		
	2018	2017	2016
Cash flows from operating activities			
Net (loss) income	\$ (94,422)	\$ 400	\$ (3,620)
Adjustments to reconcile net (loss) income to net cash provided by			
Operating activities:			
Depreciation and amortization	31,799	29,491	34,162
Unamortized debt issuance cost on debt extinguishment	2,164	—	—
Deferred financing cost amortization	725	1,269	1,225
Deferred income taxes	(13,194)	(4,166)	751
Stock-based compensation	2,238	2,303	2,280
Gain on sale of property and equipment	(3,306)	(674)	(1,579)
Goodwill impairment charges	69,483	—	—
Allowance for doubtful accounts	4,280	—	—
Other gain from continuing operations	(5,448)	—	—
Change in operating assets and liabilities, net of effects of acquisitions:			
Accounts receivable	10,936	15,022	(23,935)
Income tax receivable	(128)	(952)	(49)
Inventory	647	89	1,696
Accounts receivable, non-current	—	—	(511)
Prepaid expenses and other	1,671	(226)	856
Costs and estimated earnings in excess of billings on uncompleted contracts	36,789	(6,030)	19,640
Accounts payable	(4,584)	(5,666)	(5,717)
Accrued liabilities	(5,301)	(1,519)	(1,123)
Income tax payable	(256)	(433)	(125)
Billings in excess of costs and estimated earnings on uncompleted contracts	(12,162)	5,225	(802)
Net cash provided by operating activities	21,931	34,133	23,149
Cash flows from investing activities:			
Proceeds from sale of property and equipment	3,234	6,826	2,152
Purchase of property and equipment	(17,714)	(10,729)	(18,715)
Acquisition of TAS and purchase price adjustment	—	—	(369)
Acquisition of TBC	—	(6,000)	—
TBC acquisition adjustment	—	(557)	—
Proceeds from return of investment	94	—	—
Insurance claim proceeds related to property and equipment	1,346	925	—
Contributions to CSV life insurance	(260)	(545)	(754)
Net cash used in investing activities	(13,300)	(10,080)	(17,686)
Cash flows from financing activities:			
Borrowings from Credit Facility	39,861	72,000	57,000
Payments made on borrowings from Credit Facility	(48,111)	(87,813)	(63,084)
Loan costs from Credit Facility	(861)	(779)	(486)
Capital lease liability	(2,737)	—	—
Exercise of stock options	2,815	1,320	67
Net cash used in financing activities	(9,033)	(15,272)	(6,503)
Net change in cash and cash equivalents	(402)	8,781	(1,040)
Cash and cash equivalents at beginning of year	9,086	305	1,345
Cash and cash equivalents at end of year	\$ 8,684	\$ 9,086	\$ 305
Supplemental disclosures of cash flow information:			
Cash paid during the year for:			
Interest	\$ 4,819	\$ 4,413	\$ 5,031
Taxes, net of refunds	\$ 903	\$ 1,008	\$ 999
Non-cash investing activity:			
Capital lease expenditures included in accrued expenses	\$ 13,103	\$ —	\$ —

The accompanying notes are an integral part of these consolidated financial statements

Orion Group Holdings, Inc. and Subsidiaries
Notes to Consolidated Financial Statements
Years Ended December 31, 2018, 2017 and 2016
(Tabular Amounts in thousands, Except Share and per Share Amounts)

1. Description of Business and Basis of Presentation

Description of Business

Orion Group Holdings, Inc., its subsidiaries and affiliates (hereafter collectively referred to as the "Company"), provide a broad range of specialty construction services in the infrastructure, industrial, and building sectors of the continental United States, Alaska, Canada and the Caribbean Basin. The Company's marine segment services the infrastructure sector through marine transportation facility construction, marine pipeline construction, marine environmental structures, dredging of waterways, channels and ports, environmental dredging, design, and specialty services. Its concrete segment services the building sector by providing turnkey concrete construction services including pour and finish, dirt work, layout, forming, rebar, and mesh across the light commercial, structural and other associated business areas. The Company is headquartered in Houston, Texas with offices throughout its operating areas.

The tools used by the chief operating decision maker ("CODM") to allocate resources and assess performance are based on two reportable and operating segments: marine, which operates under the Orion Marine Group brand and logo, and concrete, which operates under the TAS Commercial Concrete brand and logo.

Although we describe the business in this report in terms of the services the Company provides, its base of customers and the areas in which it operates, the Company has determined that its operations currently comprise two reportable segments pursuant to Financial Accounting Standards Board ("FASB") Accounting Standards Codification ("ASC") Topic 280, *Segment Reporting*.

In making this determination, the Company considered the similar economic characteristics of its operations that comprise its marine segment. For the marine segment, the methods used, and the internal processes employed, to deliver marine construction services are similar throughout the segment, including standardized estimating, project controls and project management. This segment has the same customers with similar funding drivers, and it complies with regulatory environments driven through Federal agencies such as the U.S. Army Corps of Engineers, U.S. Fish and Wildlife Service, U.S. Environmental Protection Agency and U.S. Occupational Safety and Health Administration ("OSHA"), among others. Additionally, the segment is driven by macro-economic considerations including the level of import/export seaborne transportation, development of energy-related infrastructure, cruise line expansion and operations, marine bridge infrastructure development, waterway pipeline crossings and the maintenance of waterways. These considerations, and others, are key catalysts for future prospects and are similar across the segment.

For the concrete segment, the Company also considered the similar economic characteristics of these operations. The methods used, and the internal processes employed, to deliver concrete construction services are similar throughout the segment, including standardized estimating, project controls and project management. This segment complies with regulatory environments such as OSHA. Additionally, this segment is driven by macro-economic considerations, including movements in population, commercial real estate development, institutional funding and expansion, and recreational development, specifically in metropolitan areas of Texas. These considerations, and others, are key catalysts for future prospects and are similar across the segment.

Basis of Presentation

These consolidated financial statements include the accounts of the parent company, Orion Group Holdings, Inc. and its wholly-owned subsidiaries and have been prepared in accordance with U.S. GAAP. All intercompany balances and transactions have been eliminated in consolidation.

2. Summary of Significant Accounting Principles

The preparation of consolidated financial statements in conformity with U.S. GAAP requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosure of contingent assets and liabilities at the date of the financial statements and the reported amounts of revenues and expenses during the reporting period. Management's estimates, judgments and assumptions are continually evaluated based on available information and experience; however, actual amounts could differ from those estimates.

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On an ongoing basis, the Company evaluates the significant accounting policies used to prepare its consolidated financial statements, including, but not limited to, those related to:

- Revenue recognition from construction contracts;
- Accounts receivable and allowance for doubtful accounts;
- Goodwill and other long-lived assets, testing for indicators of impairment;
- Income taxes;
- Self-insurance; and
- Stock based compensation.

Revenue Recognition

The Company adopted ASU 2014-09, *Revenue from Contracts with Customers* (Topic 606), on January 1, 2018, using the modified retrospective method. The Company recognized the cumulative effect of initially adopting Topic 606 guidance as an adjustment to the beginning balance of retained earnings. Contracts with customers that were not substantially complete in both the Company's marine and concrete segments were evaluated in order to determine the impact as of the date of adoption. The comparative information has not been restated and continues to be reported under the accounting standards in effect for those periods.

The Company's revenue is derived from contracts to provide marine construction, dredging, turnkey concrete services, and other specialty services. The Company's projects are typically short in duration and usually span a period of less than one year. The Company determines the appropriate accounting treatment for each contract before work begins and generally records revenue on contracts over time.

Performance obligations are promises in a contract to transfer distinct goods or services to the customer and are the unit of account under Topic 606. The Company's contracts and related change orders typically represent a single performance obligation because individual goods and services are not separately identifiable and the Company provides a significant integrated service. Revenue is recognized over time because control is continuously transferred to the customer. For contracts with multiple performance obligations, the Company allocates the contract's transaction price to each performance obligation using its best estimate of the stand-alone selling price of each distinct good or service. Progress is measured by the percentage of actual contract costs incurred to date to total estimated costs for each contract. This method is used because management considers contract costs incurred to be the best available measure of progress on these contracts. Contract costs include all direct costs, such as material and labor, and those indirect costs incurred that are related to contract performance such as payroll taxes and insurance. General and administrative costs are charged to expense as incurred. Upfront costs, such as incurring costs to mobilize personnel and equipment prior to satisfying a performance obligation are capitalized and amortized over the contract performance period.

Changes in job performance, job conditions and estimated profitability, including those arising from final contract settlements, may result in revisions to costs and reported revenue and are recognized in the period in which the revisions are determined. The effect of changes in estimates of contract revenue or contract costs is recognized as an adjustment to recognized revenue on a cumulative catch-up basis. When losses on uncompleted contracts are anticipated, the entire loss is recognized in the period in which such losses are determined. Revenue is recorded net of any sales taxes collected and paid on behalf of the customer, if applicable.

Contract revenue is derived from the original contract price as modified by agreed-upon change orders and estimates of variable consideration related to incentive fees and change orders or claims for which price has not yet been agreed by the customer. The Company estimates variable consideration based on the most likely amount to which it expects to be entitled. Variable consideration is included in the estimated transaction price to the extent it is probable that a significant reversal of cumulative recognized revenue will not occur. As of December 31, 2018, approximately \$1.1 million of claims against customers has been recognized and is reflected on the Company's Consolidated Balance Sheet under "Costs and estimated earnings in excess of billings on uncompleted contracts." The Company believes collection of these claims is probable, although the full amount of the recorded claims may not be collected.

Contract assets and liabilities include the following:

- Accounts Receivable: Trade, net of allowance - Represent amounts billed and currently due from customers and are stated at their net estimated realizable value.
- Accounts Receivable: Retainage - Represent amounts which have not been billed to customers or paid pursuant to retainage provisions in construction contracts, which generally become payable upon contract completion and acceptance by the customer.

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- Costs and Estimated Earnings in Excess of Billings on Uncompleted Contracts - Represent revenues recognized in excess of amounts billed, which management believes will be billed and collected within one year of the completion of the contract (i.e. Contract Assets) and are recorded as a current asset.
- Billings in Excess of Costs and Estimated Earnings on Uncompleted Contracts - Represent billings in excess of revenues recognized (i.e. Contract Liabilities) and are recorded as a current liability.

The Company's evaluation of its construction contracts under the new standard focused on the following areas which have the most significant impact on the amount and timing of revenue recognized:

- Performance Obligations - Construction contracts with customers, including those related to contract modifications, were reviewed to determine if there were any multiple performance obligations. Based on our review, a limited number of contracts in the marine segment and no contracts in the concrete segment were identified as having multiple performance obligations. The net impact on retained earnings as of January 1, 2018 and gross profit for the year ended December 31, 2018 were not material.
- Upfront Costs - These costs were required to be capitalized as assets and were recorded as part of "Costs and estimated earnings in excess of billings on uncompleted contracts" in the Company's Consolidated Balance Sheets and amortized over the expected duration of the contract as part of "Costs of contract revenues" in the Company's Consolidated Statements of Operations. If the expected completion date of the contract changes, the amortization period will be recalculated and adjusted prospectively. The amortization of such costs for the Company are generally comprised of initial costs incurred to mobilize equipment and labor to a job site or other upfront costs such as bonds or insurance prior to the "notice-to-proceed" date, which had been expensed as incurred in prior periods. Based on the Company's review, certain contracts in the marine segment were identified as having material upfront costs. The Company also reviewed contracts for the concrete segment and while certain contracts within the segment were identified as having upfront costs, they were not considered material.

The following table summarizes the cumulative effect of the changes made to the Company's unaudited Consolidated Balance Sheet as of January 1, 2018 from the adoption of Topic 606:

	Balance at December 31, 2017	Adjustments Due to Topic 606	Balance at January 1, 2018
<u>Assets</u>			
Costs and estimated earnings in excess of billings on uncompleted contracts	\$ 46,006	\$ 1,383	\$ 47,389
<u>Liabilities</u>			
Billings in excess of costs and estimated earnings on uncompleted contracts	\$ 33,923	\$ 1,745	\$ 35,668
Deferred income taxes	13,243	(76)	13,167
<u>Equity</u>			
Retained earnings	\$ 62,847	\$ (286)	\$ 62,561

Remaining performance obligations represent the transaction price of firm orders or other written contractual commitments from customers for which work has not been performed, or is partially completed and excludes unexercised contract options and potential orders. As of December 31, 2018, the aggregate amount of the remaining performance obligations was approximately \$440.4 million. Of this amount, the Company expects to recognize \$414.0 million, or 94%, in the next 12 months and the remaining balance thereafter.

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The following tables summarize the impact of adopting Topic 606 on the Company's Consolidated Balance Sheet as of December 31, 2018 and Statement of Operations for the year ended December 31, 2018:

	<u>As Reported</u>	<u>Balances Without Adoption of Topic 606</u>	<u>Effect of Change (Lower)</u>	<u>Higher</u>
<u>Assets</u>				
Costs and estimated earnings in excess of billings on uncompleted contracts	\$ 9,217	\$ 10,040	\$ (823)	
<u>Liabilities</u>				
Billings in excess of costs and estimated earnings on uncompleted contracts	\$ 21,761	\$ 22,886	\$ (1,125)	
Deferred income taxes	49	(57)	106	
<u>Equity</u>				
Retained earnings	\$ (31,861)	\$ (32,057)	\$ 196	

	<u>As Reported</u>	<u>Balances Without Adoption of Topic 606</u>	<u>Effect of Change (Lower)</u>	<u>Higher</u>
Contract revenues	\$ 520,894	\$ 519,769	\$ 1,125	
Cost of contract revenues	499,245	498,422	823	
Gross profit	21,649	21,347	302	
Income tax (benefit) expense	(12,233)	(12,339)	106	
Net (loss) income	\$ (94,422)	\$ (94,618)	\$ 196	
Basic (loss) income per share	\$ (3.31)	\$ (3.32)	\$ 0.01	
Diluted (loss) income per share	\$ (3.31)	\$ (3.32)	\$ 0.01	

Classification of Current Assets and Liabilities

The Company includes in current assets and liabilities amounts realizable and payable in the normal course of contract completion.

Cash and Cash Equivalents

The Company considers all highly liquid investments with a maturity of three months or less when purchased to be cash equivalents. At times, cash held by financial institutions may exceed federally insured limits. The Company has not historically sustained losses on its cash balances in excess of federally insured limits. Cash equivalents at December 31, 2018 and 2017 consisted primarily of overnight bank deposits.

Risk Concentrations

Financial instruments that potentially subject the Company to concentrations of credit risk principally consist of accounts receivable.

The Company depends on its ability to continue to obtain federal, state and local governmental contracts, and indirectly, on the amount of funding available to these agencies for new and current governmental projects. Therefore, a portion of the Company's operations is dependent upon the level and timing of government funding. Statutory mechanics liens provide the Company high priority in the event of lien foreclosures following financial difficulties of private owners, thus minimizing credit risk with private customers.

Accounts Receivable

Accounts receivable are stated at the historical carrying value, less allowances for doubtful accounts. The Company has significant investments in billed and unbilled receivables as of December 31, 2018 and 2017. Billed receivables represent amounts billed upon the completion of small contracts and progress billings on large contracts in accordance with contract terms and milestone achievements. Unbilled receivables on contracts, which are included in costs in excess of billings, arise as revenues are recognized over time. Unbilled amounts on contracts represent recoverable costs and accrued profits not yet billed. Revenue associated with these billings is recorded net of any sales tax, if applicable. Past due balances over 90 days and other higher risk amounts are reviewed individually for collectability. In establishing an allowance for doubtful accounts, the Company evaluates its contract receivables and costs in excess of billings and thoroughly reviews historical collection experience, the financial condition of its customers, billing disputes and other factors. The Company writes off uncollectible accounts receivable against the allowance for doubtful accounts if it is determined that the amounts will not be collected or if a settlement is reached for an amount that is less than the carrying value. As of December 31, 2018 and 2017, the Company had recorded an allowance for doubtful accounts of \$4.3 million and none, respectively.

Balances billed to customers but not paid pursuant to retainage provisions in construction contracts generally become payable upon contract completion and acceptance by the owner. Retainage at December 31, 2018 totaled \$30.7 million, of which \$3.2 million is expected to be collected beyond 2019. Retainage at December 31, 2017 totaled \$39.2 million.

The Company negotiates change orders and claims with its customers. Unsuccessful negotiations of claims could result in a change to contract revenue that is less than amounts recorded, which could result in the recording of a loss. Successful claims negotiations could result in the recovery of previously recorded losses. Significant losses on receivables could adversely affect the Company's financial position, results of operations and overall liquidity.

Advertising Costs

The Company primarily obtains contracts through the open bid process, and therefore advertising costs are not a significant component of expense. Advertising costs are expensed as incurred. Advertising expenses totaled \$225,000, \$150,000, and \$178,000 in 2018, 2017 and 2016, respectively.

Environmental Costs

Costs related to environmental remediation are charged to expense. Other environmental costs are also charged to expense unless they increase the value of the property and/or provide future economic benefits, in which event the costs are capitalized. Environmental liabilities, if any, are recognized when the expenditure is considered probable and the amount can be reasonably estimated. The Company did not recognize any environmental liabilities as of December 31, 2018 or 2017, respectively.

Fair Value Measurements

The Company evaluates and presents certain amounts included in the accompanying consolidated financial statements at "fair value" in accordance with U.S. GAAP, which requires the Company to base its estimates on assumptions that market participants, in an orderly transaction, would use to price an asset or liability, and to establish a hierarchy that prioritizes the information used to determine fair value. Refer to [Note 9](#) for more information regarding fair value determination.

The Company generally applies fair value valuation techniques on a non-recurring basis associated with (1) valuing assets and liabilities acquired in connection with business combinations and other transactions; (2) valuing potential impairment loss related to long-lived assets ; and (3) valuing potential impairment loss related to goodwill and indefinite-lived intangible assets.

Inventory

Current inventory consists of parts and small equipment held for use in the ordinary course of business and is valued at the lower of cost (using historical average cost) or net realizable value. Where shipping and handling costs are incurred by the Company, these charges are included in inventory and charged to cost of contract revenue upon use. Non-current inventory consists of spare parts (including engines, cutters and gears) that require special order or long-lead times for manufacture or fabrication, but must be kept on hand to reduce downtime. Refer to [Note 8](#) for more information regarding inventory.

Property and Equipment

Property and equipment are recorded at cost. Ordinary maintenance and repairs that do not improve or extend the useful life of the asset are expensed as incurred. Major renewals and betterments of equipment are capitalized and depreciated generally over three to seven years until the next scheduled maintenance.

When property and equipment are retired or otherwise disposed of, the cost and accumulated depreciation are removed from the accounts and any resulting gain or loss is included in results of operations for the respective period. Depreciation is computed using the straight-line method over the estimated useful lives of the related assets for financial statement purposes, as follows:

Automobiles and trucks	3 to 5 years
Buildings and improvements	5 to 30 years
Construction equipment	3 to 15 years
Vessels and other equipment	1 to 15 years
Office equipment	1 to 5 years

The Company generally uses accelerated depreciation methods for tax purposes where appropriate.

Dry-docking costs are capitalized and amortized using the straight-line method over a period ranging from three to 15 years. Dry-docking costs include, but are not limited to, the inspection, refurbishment and replacement of steel, engine components, tailshafts, mooring equipment and other parts of the vessel. Amortization related to dry-docking activities is included as a component of depreciation. These costs and the related amortization periods are periodically reviewed to determine if the estimates are accurate. If warranted, a significant upgrade of equipment may result in a revision to the useful life of the asset, in which case the change is accounted for prospectively.

Property and equipment are reviewed for impairment whenever events or changes in circumstances indicate the carrying amount of an asset or asset group may not be recoverable. Recoverability of assets to be held and used is measured by a comparison of the carrying amount of an asset to estimated undiscounted future cash flows expected to be generated by the asset. If the carrying amount of an asset exceeds its estimated future cash flows, an impairment charge is recognized in the amount by which the carrying amount of the asset exceeds the fair value of the asset. Assets to be disposed of are separately presented in the balance sheet and reported at the lower of the carrying amount or the fair value, less the costs to sell, and are no longer depreciated. There were no assets classified as held for sale as of December 31, 2018 or December 31, 2017.

Goodwill and Other Intangible Assets**Goodwill**

The Company has acquired businesses and assets in purchase transactions that resulted in the recognition of goodwill. Goodwill represents the costs in excess of fair values assigned to the identifiable assets acquired and liabilities assumed in the acquisition. In accordance with U.S. GAAP, acquired goodwill is not amortized, but is subject to impairment testing at least annually at a reporting unit level (as of October 31 of each year) or more frequently if events or circumstances indicate the asset may be impaired. The Company determined its operations comprise two reporting units for goodwill impairment testing, which match its two operating segments for financial reporting.

The Company assesses the fair value of its reporting units based on a weighted average of valuations based on market multiples and discounted cash flows, as well as consideration of its market capitalization. The key assumptions used in the discounted cash flow valuations are discount rates, weighted average cost of capital and perpetual growth rates applied to cash flow projections. Also inherent in the discounted cash flow valuation models are past performance, projections and assumptions in current operating plans and revenue growth rates over the next five years. These assumptions contemplate business, market and overall economic conditions. Other considerations are assumptions that market participants may use in analysis of comparable companies. The underlying assumptions used for determining fair value, as discussed above, require significant judgment and are susceptible to change from period to period and could potentially cause a material impact to the income statement. In the future, the Company's estimated fair value could be negatively impacted by extended declines in its stock price, changes in macroeconomic indicators, sustained operating losses and other factors which may affect its assessment of fair value.

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As required, annual impairment testing of goodwill is performed as of October 31 of each year or whenever circumstances arise that indicate a possible impairment might exist. Based on this testing, we concluded that as of December 31, 2018, our Marine segment's goodwill of \$33.8 million and our Concrete segment's goodwill of \$35.7 million were fully impaired.

See [Note 10](#) for additional discussion of our goodwill and related goodwill impairment testing.

Intangible Assets

Intangible assets that have finite lives are amortized. In addition, the Company evaluates the remaining useful life of intangible assets in each reporting period to determine whether events and circumstances warrant a revision of the remaining period of amortization. If the estimate of an intangible asset's remaining life is changed, the remaining carrying value of such asset is amortized prospectively over that revised remaining useful life. Intangible assets that have indefinite lives are not amortized, but are subject to impairment testing at least annually or more frequently if events or circumstances indicate the asset may be impaired.

The Company has one indefinite-lived intangible asset, a trade name, which is tested for impairment annually on October 31, or whenever events or circumstances indicate the carrying amount of the trade name may not be recoverable. Impairment is calculated as the excess of the trade name's carrying value over its fair value. The fair value of the trade name is determined using the relief from royalty method, a variation of the income approach. This method assumes that if a company owns intellectual property, it does not have to "rent" the asset and is, therefore, "relieved" from paying a royalty. Once a supportable royalty rate is determined, the rate is then applied to the projected revenues over the expected remaining life of the intangible asset to estimate the royalty savings. This approach is dependent on a number of factors, including estimates of future growth and trends, royalty rates, discount rates and other variables.

See [Note 10](#) for additional discussion of intangible assets and trade name impairment testing.

Stock-Based Compensation

The Company recognizes compensation expense for equity awards over the vesting period based on the fair value of these awards at the date of grant. The computed fair value of these awards is recognized as a non-cash cost over the period the employee provides services, which is typically the vesting period of the award. The fair value of options granted is estimated on the date of grant using the Black-Scholes option-pricing model. The Black-Scholes option-pricing model requires the use of subjective assumptions in the computation. Changes in these assumptions can cause significant fluctuations in the fair value of the option award. The fair value of restricted stock grants is equivalent to the fair value of the stock issued on the date of grant, and is measured as the closing price of the stock on the date of grant.

Compensation expense is recognized only for share-based payments expected to vest. The Company estimates forfeitures at the date of grant based on historical experience and future expectations. This assessment is updated on a periodic basis. See [Note 15](#) for further discussion of the Company's stock-based compensation plan.

Income Taxes

The Company determines its consolidated income tax provision using the asset and liability method prescribed by U.S. GAAP, which requires the recognition of income tax expense for the amount of taxes payable or refundable for the current period and for deferred tax assets and liabilities for the future tax consequences of events that have been recognized in an entity's financial statements or tax returns. The Company must make significant assumptions, judgments and estimates to determine its current provision for income taxes, its deferred tax assets and liabilities, and any valuation allowance to be recorded against any deferred tax asset. The current provision for income tax is based upon the current tax laws and the Company's interpretation of these laws, as well as the probable outcomes of any tax audits. The value of any net deferred tax asset depends upon estimates of the amount and category of future taxable income reduced by the amount of any tax benefits the Company does not expect to realize. The factors used to assess the likelihood of realization include the Company's forecast of future taxable income exclusive of reversing temporary differences and carryforwards, future reversals of existing taxable temporary differences and available tax planning strategies that could be implemented to realize the net deferred tax assets.

The Company considers both positive and negative evidence when evaluating the need for a valuation allowance on its deferred tax assets in accordance with ASC 740. Available evidence includes historical financial information supplemented by currently available information about future years. Generally, historical financial information is more objectively verifiable than projections of future income and is therefore given more weight in the assessment. The Company considers cumulative losses in the most recent twelve quarters to be significant negative evidence that is difficult to overcome in considering whether a valuation allowance is required. Conversely, the Company considers a cumulative income position over the most recent twelve quarters, to be significant positive evidence that a valuation allowance may not be required.

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Actual operating results and the underlying amount and category of income in future years could render current assumptions, judgments and estimates of recoverable net deferred taxes inaccurate, thus impacting the Company's financial position and results of operations. The Company computes deferred income taxes using the liability method. Under the liability method, deferred tax assets and liabilities are recognized for the future tax consequences attributable to differences between the financial statement carrying amounts of existing assets and liabilities and their respective tax bases. Deferred tax assets and liabilities are measured using enacted tax rates expected to apply to taxable income in the years in which those temporary differences are expected to be recovered or settled. Under the liability method, the effect on deferred tax assets and liabilities of a change in tax rates is recognized in income in the period of the enactment date.

The Company accounts for uncertain tax positions in accordance with the provisions of ASC 740-10 which prescribes a recognition threshold and measurement attribute for financial statement disclosure of tax positions taken, or expected to be taken, on its consolidated tax return. The Company evaluates and records any uncertain tax positions based on the amount that management deems is more likely than not to be sustained upon examination and ultimate settlement with the tax authorities in the tax jurisdictions in which it operates.

See [Note 13](#) for additional discussion of income taxes and the Tax Cuts and Jobs Act (the "Act"), which was enacted and signed into law on December 22, 2017.

Insurance Coverage

The Company maintains insurance coverage for its business and operations. Insurance related to property, equipment, automobile, general liability, and a portion of workers' compensation is provided through traditional policies, subject to a deductible or deductibles. A portion of the Company's workers' compensation exposure is covered through a mutual association, which is subject to supplemental calls.

The marine segment maintains five levels of excess loss insurance coverage, totaling \$200 million in excess of primary coverage. The marine segment's excess loss coverage responds to most of its policies when a primary limit of \$1 million has been exhausted; provided that the primary limit for Contingent Maritime Employer's Liability is \$10 million and the Watercraft Pollution Policy primary limit is \$5 million. The concrete segment maintains five levels of excess loss insurance coverage, totaling \$200 million in excess of primary coverage. The concrete segment's excess loss coverage responds to most of its policies when a primary limit of \$1 million has been exhausted.

If a claim arises and a potential insurance recovery is probable, the impending gain is recognized separately from the related loss. The recovery will only be recognized up to the amount of the loss once the recovery of the claim is deemed probable and any excess gain will fall under contingency accounting and will only be recognized once it is realized. The Company does not net insurance recoveries against the related claim liability as the amount of the claim liability is determined without consideration of the anticipated insurance recoveries from third parties.

Separately, the Company's marine segment employee health care is paid for by general assets of the Company and currently administered by a third party. The administrator has purchased appropriate stop-loss coverage. Losses on these policies up to the deductible amounts are accrued based upon known claims incurred and an estimate of claims incurred but not reported. The accruals are derived from known facts, historical trends and industry averages to determine the best estimate of the ultimate expected loss. Actual claims may vary from estimates. Any adjustments to such reserves are included in the Consolidated Results of Operations in the period in which they become known. The Company's concrete segment employee health care is provided through two policies. A fully funded policy is offered primarily to salaried employees and their dependents while a partially self-funded plan with an appropriate stop-loss is offered primarily to hourly employees and their dependents. The self-funded plan is funded to the maximum exposure and, as a result, is expected to receive a partial refund after the policy expiration.

The accrued liability for insurance includes incurred but not reported claims of \$5.7 million and \$5.2 million at December 31, 2018 and 2017, respectively.

Recent Accounting Pronouncements

The FASB issues accounting standards and updates (each, an "ASU") from time to time to its ASC, which is the primary source of U.S. GAAP. The Company regularly monitors ASUs as they are issued and considers applicability to its business. All ASUs are adopted by their respective due dates and in the manner prescribed by the FASB. The following are those recently issued ASUs most likely to affect the presentation of the Company's consolidated financial statements:

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In February 2016, the FASB issued ASU 2016-02, Leases (Topic 842), which requires lessees to recognize lease assets (i.e. right-to-use assets) on the balance sheet. These are assets that represent the lessee's right to use or control the use of specified assets for the lease terms and lease liabilities, which are lessee's obligations to make lease payments arising from leases measured on a discounted basis, for all leases with terms longer than 12 months. Leases with terms of 12 months or less will be accounted for similar to existing guidance for operating leases. Recognition, measurement and presentation of expenses will depend on classification as a finance or operating lease. The guidance is effective for fiscal years beginning after December 15, 2018, including interim periods within those annual periods. The Company will adopt the new standard on January 1, 2019 using the optional transition method under ASU 2018-11 and elect the available practical expedients. This method allows the Company an option to allow transition of the new lease guidance at the effective date and recognize a cumulative-effect adjustment to the opening balance of retained earnings at the effective date. Under this method, the comparative periods presented in the financial statements prior to the adoption date would not be adjusted to apply ASC 842. The Company expects the adoption of ASC 842 to result in a material increase of approximately \$20 million to \$30 million to assets and liabilities on its consolidated balance sheets. The Company does not anticipate the adoption of ASC 842 to have a material effect on its consolidated statements of operations and statements of cash flows.

In January 2017, the FASB issued ASU 2017-04, Simplifying the Test for Goodwill Impairment (Topic 350). The FASB issued this update to simplify how an entity is required to test goodwill for impairment by eliminating Step 2 from the goodwill impairment test. Step 2 measures a goodwill impairment loss by comparing the implied fair value of a reporting unit's goodwill with the carrying amount of that goodwill. The amendments in this update modify the concept of impairment from the condition that exists when the carrying amount of goodwill exceeds its implied fair value to the condition that exists when the carrying amount of a reporting unit exceeds its fair value. The guidance should be applied on a prospective basis and is effective for annual or interim goodwill impairment tests in fiscal years beginning after December 15, 2019. Early adoption is permitted and as such the Company has elected to adopt ASU 2017-04 as of December 31, 2018. The adoption of this ASU had no material impact on the Company's Consolidated Financial Statements.

In January 2018, the FASB issued ASU 2018-01, Land Easement Practical Expedient for Transition to Topic 842. The FASB issued this update to provide an optional transition on practical expedient that, if elected, would not require companies to reconsider its accounting for existing or expired land easements before the adoption of Topic 842 and that were not previously accounted for as leases under Topic 840. The guidance is effective for fiscal years beginning after December 15, 2018, including interim periods within those annual periods. The Company is currently in the process of assessing the effects of adoption on its financial statements, but it does not anticipate the new standard will materially impact the financial statements.

During the periods presented in these financial statements, the Company implemented other new accounting pronouncements other than those noted above that are discussed in the notes where applicable.

3. Business Acquisitions

TBC Acquisition

On April 9, 2017, T.A.S. Commercial Concrete Construction, LLC, a wholly owned subsidiary of Orion Group Holdings, Inc. ("the Company") entered into a Stock Purchase Agreement ("the Agreement") for the purchase of all the issued and outstanding shares (the "shares") of Tony Bagliore Concrete, Inc. ("TBC"), a Texas corporation. The Company and the two sole shareholders of TBC closed the purchase transactions on April 10, 2017 (the "Closing Date"). Upon the terms of and subject to the conditions set forth in the Agreement, the total aggregate consideration paid on the Closing Date by the Company to the Sellers for the shares was \$6.0 million in cash. In addition however, if certain target considerations are met in future periods, an additional cash payment of up to \$2.0 million will become payable to the Seller.

The purpose of the acquisition was primarily to achieve growth by expanding the Company's current service offerings in addition to expansion into new markets. The tangible assets acquired include accounts receivable, retainage and fixed assets.

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Under the acquisition method of accounting, the total acquisition consideration is allocated to the acquired tangible and intangible assets and assumed liabilities of TBC based on their estimated fair values as of the closing of the acquisition. The table below outlines the total actual acquisition consideration allocated based on the preliminary fair values of TBC's tangible and intangible assets and liabilities as of April 9, 2017:

Accounts receivable	\$	3,239
Retainage		1,860
Fixed assets, net		2,098
Other		9
Goodwill		2,562
Other intangible assets		878
Accounts payable		(2,017)
Accrued expenses and other current liabilities		(1,080)
Contingent consideration		(456)
Deferred tax liability		(1,093)
Total Acquisition Consideration at April 9, 2017	\$	6,000
Working capital adjustment (all attributable to Goodwill)		557
Total Acquisition Consideration	\$	6,557

The excess of the acquisition consideration over the fair value of assets acquired and liabilities assumed was allocated to goodwill. The goodwill of \$3.1 million arising from the acquisition consists primarily of synergies and business opportunities expected to be realized from the purchase of TBC. The goodwill is not deductible for income tax purposes.

Finite-lived intangible assets acquired include customer relationships and contractual backlog. (See [Note 10](#)).

The fixed assets acquired include construction equipment as well as automobiles and trucks and will be depreciated in accordance with Company policy, generally three to 15 years.

As stated in the Agreement, the Company has agreed to pay the sellers up to \$2.0 million in cash, if earned, as additional purchase consideration. The seller's right to receive the contingent consideration, if any, shall be based on the Company's achievement of certain future financial targets. The Company measured the fair value of the contingent consideration at the Acquisition Date, and determined that fair value to be approximately \$0.5 million, as shown in the table above. This amount of contingent liability is classified on the Consolidated Balance Sheets as other long-term liabilities.

Pro Forma Results (unaudited)

The results and operations of TBC have been included in the Consolidated Statements of Operations since the acquisition date of April 9, 2017. The Company has calculated the pro forma impact of the acquisition of TBC in our operating results for the twelve months ended December 31, 2016.

	Pro Forma Results	
	For the Year Ended	
	December 31, 2016	
Contract revenues	\$	610,695
Operating income from continuing operations	\$	5,593
Net loss	\$	(2,677)
Basic loss per share	\$	(0.10)
Diluted loss per share	\$	(0.10)

The Company derived the pro forma results of the acquisition based upon historical financial information obtained from the seller and certain management assumptions. The pro forma adjustments related to incremental amortization expense associated with the acquired finite-lived intangible assets and interest expense associated with borrowings to effect the transaction, assuming a January 1, 2016 effective transaction date. In addition, the tax impact of these adjustments was calculated at a 35% statutory rate.

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These pro forma results are not indicative of the results that would have been obtained had the acquisition of TBC been completed on January 1 of the respective period, or that may be obtained in the future.

4. Revenue

Contract revenues are recognized when control of the promised goods or services is transferred to the customer in an amount that reflects the consideration the Company expects to be entitled to in exchange for those goods or services. The following table represents a disaggregation of the Company's contract revenues by service line for the marine and concrete segments:

	2018
<u>Marine Segment</u>	
Construction	\$ 156,925
Dredging	73,237
Specialty Services	13,721
Marine segment contract revenues	\$ 243,883
<u>Concrete Segment</u>	
Light Commercial	\$ 215,628
Structural	60,926
Other	457
Concrete segment contract revenues	\$ 277,011
Total contract revenues	\$ 520,894

Although the Company has disaggregated its contract revenues in terms of services provided, it believes its operations comprise two reportable segments pursuant to FASB ASC Topic 280, *Segment Reporting*. In making this determination, the Company considered the similar characteristics of its operations as discussed in [Note 1](#). Additionally, as discussed, both the marine and concrete segments have limited contracts with multiple performance obligations. The Company's contracts often combine multiple services, such as engineering, dredging, diving and construction, into one distinct finished product which is transferred to the customer. These contracts are often estimated and bid as one project and evaluated on performance as one project, not by individual services performed by each. Both the marine and concrete segments have a single CODM for the entire segment, not by service lines of the segments. Resources are allocated by segment, and financial and budgetary information is compiled and reviewed by segment, not service line.

Marine Segment

Construction services include construction, restoration, maintenance, dredging and repair of marine transportation facilities, marine pipelines, bridges and causeways and marine environmental structures. Dredging services generally enhance or preserve the navigability of waterways or the protection of shorelines through the removal or replenishment of soil, sand or rock. Specialty services include design, salvage, demolition, surveying, towing, diving and underwater inspection, excavation and repair.

Concrete Segment

Structural services include elevated concrete pouring for products such as columns, elevated beams and structural walls. Light commercial services include horizontally poured concrete for products such as sidewalks, ramps, tilt walls and trenches. Other services comprise labor related to concrete pouring such as rebar installation and pumping services and typically support the segment's structural and light commercial services.

5. Concentration of Risk and Enterprise Wide Disclosures

Accounts receivable include amounts billed to governmental agencies and private customers and do not bear interest. Balances billed to customers but not paid pursuant to retainage provisions generally become payable upon contract completion and acceptance by the owner.

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The table below presents the concentrations of current receivables (trade and retainage) at December 31, 2018 and December 31, 2017, respectively:

	December 31, 2018		December 31, 2017	
Federal Government	\$ 2,319	2%	\$ 3,509	3%
State Governments	916	1%	4,503	3%
Local Governments	30,187	28%	18,256	15%
Private Companies	74,953	69%	97,874	79%
Total receivables	<u>\$ 108,375</u>	<u>100%</u>	<u>\$ 124,142</u>	<u>100%</u>

At December 31, 2018 and 2017, no single customer accounted for more than 10.0% of total current receivables.

Additionally, the table below represents concentrations of contract revenue by type of customer for the years ended December 31, 2018, 2017 and 2016.

	2018	%	2017	%	2016	%
Federal Government	\$ 42,143	8%	\$ 63,823	11%	\$ 40,361	7%
State Governments	30,470	6%	42,613	7%	37,700	7%
Local Governments	107,478	21%	91,591	16%	94,461	16%
Private Companies	340,803	65%	380,526	66%	405,714	70%
Total contract revenues	<u>\$ 520,894</u>	<u>100%</u>	<u>\$ 578,553</u>	<u>100%</u>	<u>\$ 578,236</u>	<u>100%</u>

In the years ended December 31, 2018, 2017 and 2016, no single customer exceeded 10.0% of total contract revenues.

The Company does not believe that the loss of any one of these customers would have a material adverse effect on the Company or its subsidiaries and affiliates since no single specific customer sustains such a large portion of receivables or contract revenue over time.

In addition, the concrete segment primarily purchases concrete from select suppliers. The loss of one of these suppliers could adversely impact short-term operations.

Contract revenues generated outside the United States totaled 2.3%, 1.6% and 1.3% of total revenues for the years ended December 31, 2018, 2017 and 2016, respectively, and were primarily located in the Caribbean Basin and Mexico.

6. Contracts in Progress

Contracts in progress are as follows at December 31, 2018 and December 31, 2017:

	December 31, 2018	December 31, 2017
Costs incurred on uncompleted contracts	\$ 461,144	\$ 668,848
Estimated earnings	73,170	120,751
	534,314	789,599
Less: Billings to date	(546,858)	(777,516)
	<u>\$ (12,544)</u>	<u>\$ 12,083</u>
Included in the accompanying consolidated balance sheets under the following captions:		
Costs and estimated earnings in excess of billings on uncompleted contracts	9,217	\$ 46,006
Billings in excess of costs and estimated earnings on uncompleted contracts	(21,761)	(33,923)
	<u>\$ (12,544)</u>	<u>\$ 12,083</u>

Included in cost and estimated earnings in excess of billings on uncompleted projects is approximately \$1.1 million related to claims and unapproved change orders. See [Note 2 - Summary of Significant Accounting Principles](#) to the Company's consolidated financial statements for discussion of the accounting for these claims.

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Contract costs include all direct costs, such as materials and labor, and those indirect costs incurred that are related to contract performance such as payroll taxes and insurance. General and administrative costs are charged to expense as incurred. Incentive fees, if available, are billed to the customer based on the terms and conditions of the contract. Pending claims are recognized as an increase in contract revenue only when the collection is deemed probable and if the amount can be reasonably estimated for purposes of calculating total profit or loss on long-term contracts. Changes in job performance, job conditions and estimated profitability, including those arising from final contract settlements, may result in revisions to costs and revenues and are recognized in the period in which the revisions are determined. Provisions for estimated losses on uncompleted contracts are made in the period in which such losses are determined, without regard to the percentage of completion.

During the year-ended December 31, 2018, we recognized unfavorable changes in our estimates on two construction projects in our Marine Segment. These changes were caused by prolonged weather delays, unforeseen access and other client-imposed restrictions that impacted our productivity. The result of these changes in estimates is reflected as a decrease in revenue of \$22.8 million in the consolidated statement of operations for the year-ended December 31, 2018 and included in billings in excess of costs and estimated earnings on uncompleted contracts.

7. Property and Equipment

The following is a summary of property and equipment at December 31, 2018 and December 31, 2017:

	December 31, 2018	December 31, 2017
Automobiles and trucks	\$ 1,709	\$ 1,940
Building and improvements	43,628	38,062
Construction equipment	161,113	166,203
Vessels and other equipment	90,217	85,113
Office equipment	8,061	8,039
	<u>304,728</u>	<u>299,357</u>
Less: accumulated depreciation	(195,373)	(191,407)
Net book value of depreciable assets	<u>109,355</u>	<u>107,950</u>
Construction in progress	2,785	245
Land	35,863	38,083
	<u>\$ 148,003</u>	<u>\$ 146,278</u>

At December 31, 2018, the Company has \$9.2 million of assets, net of accumulated depreciation, under capital leases which are reflected in the above table.

For the years ended December 31, 2018, 2017 and 2016, depreciation expense was \$28.4 million, \$24.8 million and \$26.9 million, respectively. Substantially all depreciation expense is included in the cost of contract revenue in the Company's Consolidated Statements of Operations. Substantially all of the assets of the Company are pledged as collateral under the Company's Credit Agreement (as defined in [Note 12](#)).

Substantially all of the Company's long-lived assets are located in the United States.

The Company reviews property and equipment for impairment whenever events or changes in circumstances indicate that the carrying amount of an asset or asset group may not be recoverable. Recoverability of assets to be held and used is measured by a comparison of the carrying amount of an asset to estimated undiscounted future cash flows expected to be generated by the asset. Assets to be disposed of are separately presented in the balance sheet and reported at the lower of the carrying amount or the fair value, less the costs to sell, and are no longer depreciated. Approximately \$6.4 million were classified as held for sale on the Company's Consolidated Balance Sheet at December 31, 2016. During the year ended December 31, 2017, approximately \$5.4 million of these assets were sold for cash of \$4.5 million. The difference of \$0.9 million is classified as a loss on the sale of assets on the Consolidated Statements of Operations. The remaining assets held for sale of \$1.0 million was classified as a total loss as a result of Hurricane Harvey. Insurance claims of approximately \$0.9 million were received in the fourth quarter of 2017. The difference of \$0.1 million is classified as a loss on disposal of assets on the Consolidated Statements of Operations. No assets remained as held for sale on the Company's Consolidated Balance Sheet at December 31, 2017 or December 31, 2018.

8. Inventory

Current inventory at December 31, 2018 and December 31, 2017, of \$1.1 million and \$4.4 million, respectively, consisted primarily of spare parts and small equipment held for use in the ordinary course of business.

Non-current inventory at December 31, 2018 and December 31, 2017 totaled \$7.6 million and \$4.9 million, respectively, and consisted primarily of spare engine components or items which require longer lead times for sourcing or fabrication for certain of the Company's assets to reduce equipment downtime.

9. Fair Value

Recurring Fair Value Measurements

The fair value of financial instruments is the amount at which the instrument could be exchanged in a current transaction between willing parties. Due to their short-term nature, the Company believes that the carrying value of its accounts receivable, other current assets, accounts payable and other current liabilities approximate their fair values.

The Company classifies financial assets and liabilities into the following three levels based on the inputs used to measure fair value in the order of priority indicated:

- Level 1 - fair values are based on observable inputs such as quoted prices in active markets for identical assets or liabilities;
- Level 2 - fair values are based on pricing inputs other than quoted prices in active markets for identical assets and liabilities and are either directly or indirectly observable as of the measurement date; and
- Level 3 - fair values are based on unobservable inputs in which little or no market data exists.

Financial assets and liabilities are classified in their entirety based on the lowest level of input that is significant to the fair value measurement. The Company's assessment of the significance of a particular input to the fair value requires judgment and may affect the placement of assets and liabilities within the fair value hierarchy levels.

The following table sets forth by level within the fair value hierarchy the Company's recurring financial assets and liabilities that were accounted for at fair value on a recurring basis as of December 31, 2018 and December 31, 2017:

	Fair Value Measurements			
	Carrying Value	Level 1	Level 2	Level 3
December 31, 2018				
Assets:				
Cash surrender value of life insurance policy	\$ 1,993	—	1,993	—
Liabilities:				
Derivatives	\$ 79	—	79	—
December 31, 2017				
Assets:				
Cash surrender value of life insurance policy	\$ 1,712	—	1,712	—
Liabilities:				
Derivatives	\$ 38	—	38	—

The Company's derivatives, which are comprised of interest rate swaps, are valued using a discounted cash flow analysis that incorporates observable market parameters, such as interest rate yield curves and credit risk adjustments, that are necessary to reflect the probability of default by us or the counterparty. These derivatives are classified as a Level 2 measurement within the fair value hierarchy. See [Note 12](#) for additional information on the Company's derivative instrument.

Our concrete segment has life insurance policies with a combined face value of \$11.1 million as of December 31, 2018. The policies are invested in mutual funds and the fair value measurement of the cash surrender balance associated with these policies is determined using Level 2 inputs within the fair value hierarchy and will vary with investment performance. These assets are included in the "Other noncurrent" asset section in the Company's Consolidated Balance Sheets.

Non-Recurring Fair Value Measurements

The Company generally applies fair value valuation techniques on a non-recurring basis associated with (1) valuing assets and liabilities acquired in connection with business combinations and other transactions; (2) valuing potential impairment loss related to long-lived assets; and (3) valuing potential impairment loss related to goodwill and indefinite-lived intangible assets.

Other Fair Value Measurements

The fair value of the Company's debt at December 31, 2018 and 2017 approximated its carrying value of \$80.5 million and \$88.8 million, respectively, as interest is based on current market interest rates for debt with similar risk and maturity. If the Company's debt was measured at fair value, it would have been classified as Level 2 in the fair value hierarchy.

10. Goodwill and Intangible Assets

Goodwill

The table below summarizes changes in goodwill recorded by the Company during the periods ended December 31, 2018 and 2017:

	December 31, 2018	December 31, 2017
Beginning balance, January 1	\$ 69,483	\$ 66,351
Additions	—	3,132
Impairments	(69,483)	—
Ending balance	<u>\$ —</u>	<u>\$ 69,483</u>

Additions to goodwill in 2017 were attributable to the acquisition of TBC. The additions above represent goodwill calculated for the acquisition at the date of closing, plus the working capital adjustment which was all attributable to goodwill.

As discussed previously in [Note 2](#), goodwill is reviewed at a reporting unit level for impairment annually as of October 31 or whenever circumstances arise that indicate a possible impairment might exist. In the fourth quarter of 2018, the Company's annual goodwill impairment test indicated that its goodwill was fully impaired, primarily as a result of decline in market capitalization and as a result it incurred a goodwill impairment charge of \$69.5 million with \$33.8 million related to the Marine segment and \$35.7 million related to the Concrete segment.

Intangible assets

The tables below present the activity and amortizations of finite-lived intangible assets:

	December 31, 2018	December 31, 2017
Intangible assets, January 1	\$ 35,240	\$ 34,362
Additions	—	878
Total intangible assets, end of year	<u>35,240</u>	<u>35,240</u>
Accumulated amortization, January 1	\$ (23,956)	\$ (19,220)
Current year amortization	(3,389)	(4,736)
Total accumulated amortization	<u>(27,345)</u>	<u>(23,956)</u>
Net intangible assets, end of year	<u>\$ 7,895</u>	<u>\$ 11,284</u>

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Finite-lived intangible assets were acquired as part of the purchase of TBC, which included contractual backlog and customer relationships. Contractual backlog was valued at approximately \$0.1 million and was amortized over seven months in 2017. Customer relationships were valued at approximately \$0.7 million and will be amortized over seven years. Both of these assets will be amortized using an accelerated method based on the pattern in which the economic benefits of the assets are consumed. For the year ended December 31, 2018, \$3.4 million of amortization expense was recognized for these assets. In 2018 and 2017, the Company evaluated the useful lives of these finite-lived intangible assets and no change was needed. Future expense remaining of approximately \$7.9 million will be amortized as follows:

2019	\$	2,640
2020		2,069
2021		1,521
2022		1,239
2023		389
Thereafter		37
	\$	<u>7,895</u>

Additionally, the Company has one indefinite-lived intangible asset, a trade name, which is tested for impairment annually on October 31, or whenever events or circumstances indicate that the carrying amount of the trade name may not be recoverable. Impairment is calculated as the excess of the trade name's carrying value over its fair value. The fair value of the trade name is determined using the relief from royalty method, a variation of the income approach. This method assumes that if a company owns intellectual property it does not have to "rent" the asset and is, therefore, "relieved" from paying a royalty. Once a supportable royalty rate is determined, the rate is then applied to the projected revenues over the expected remaining life of the intangible assets to estimate the royalty savings. This approach is dependent on a number of factors, including estimates of future growth and trends, royalty rates, discount rates and other variables. The impairment test concluded that the fair value of the trade name was \$14.0 million, and the carrying value was \$6.9 million, therefore no impairment was recorded.

11. Accrued Liabilities

Accrued liabilities at December 31, 2018 and 2017 consisted of the following:

	2018	2017
Accrued salaries, wages and benefits	\$ 6,492	\$ 9,632
Accrual for insurance liabilities	5,680	5,233
Property taxes	924	513
Capital lease liability	3,045	—
Sales taxes	2,178	1,836
Interest	—	46
Other accrued expenses	521	613
	<u>\$ 18,840</u>	<u>\$ 17,873</u>

12. Long-term Debt and Line of Credit

The Company entered into an amended syndicated credit agreement (the "Credit Agreement" also known as the "Fourth Amendment") on July 31, 2018 with Regions Bank, as administrative agent and collateral agent, and the following co-syndication agents: Bank of America, N.A., BOKF, NA dba Bank of Texas, KeyBank National Association, NBH Bank, IBERIABANK, Trustmark National Bank, First Tennessee Bank NA, and Branch Banking and Trust Company. With the execution of the Credit Agreement (known to Regions Bank and co-syndication agents as the Fourth Amendment), the prior indebtedness was treated as an extinguishment of debt and accounted for under the guidelines of ASC 470-05, *Debt, Modifications and Extinguishments*. The primary purpose of the Credit Agreement was to provide the Company with greater financing flexibility by providing a new amortization schedule, an extended maturity date, increased availability under the revolving line of credit, and a reduction in overall costs.

The Credit Agreement, which may be amended from time to time, provides for borrowings under a revolving line of credit and swingline loans with a commitment amount of \$100.0 million and a term loan with a commitment amount of \$60.0 million (together, the "Credit Facility"). The Credit Facility is guaranteed by the subsidiaries of the Company, secured by the assets of the Company, including stock held in its subsidiaries, and may be used to finance general corporate and working capital purposes,

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to finance capital expenditures, to refinance existing indebtedness, to finance permitted acquisitions and associated fees, and to pay for all related expenses to the Credit Facility. Interest is due and is computed based on the designation of the loan, with the option of a Base Rate Loan (the base rate plus the Applicable Margin), or an Adjusted LIBOR Rate Loan (the adjusted LIBOR rate plus the Applicable Margin). Interest is due on the last day of each quarter end for Base Rate Loans and at the end of the LIBOR rate period for Adjusted LIBOR Rate Loans. Principal balances drawn under the Credit Facility may be prepaid at any time, in whole or in part, without premium or penalty. Amounts repaid under the revolving line of credit may be re-borrowed. The Credit Facility matures on July 31, 2023.

Total debt issuance costs for the Fourth Amendment, which included underwriter fees, legal fees and syndication fees were approximately \$0.9 million and have been capitalized as non-current deferred charges and amortized using the effective interest rate method over the duration of the loan. Prior unamortized debt issuance costs of \$2.2 million for the extinguishment of debt were recognized as interest expense as of July 31, 2018. During the fourth quarter of 2018, the Company executed the Fifth Amendment and additional costs were incurred of approximately \$0.7 million. The weighted average interest rate for the Credit Facility as of December 31, 2018 was 4.63%.

The Company's obligations under debt arrangements consisted of the following:

	December 31, 2018			December 31, 2017		
	Principal	Debt Issuance Costs ⁽¹⁾	Total	Principal	Debt Issuance Costs ⁽¹⁾	Total
Revolving line of credit	\$ —	\$ —	\$ —	\$ 10,000	\$ (317)	\$ 9,683
Term loan - current	3,000	(54)	2,946	13,500	(427)	13,073
Total current debt	3,000	(54)	2,946	23,500	(744)	22,756
Revolving line of credit	22,000	(213)	21,787	—	—	—
Term loan - long-term	55,500	(1,168)	54,332	65,250	(2,065)	63,185
Total long-term debt	\$ 77,500	\$ (1,381)	\$ 76,119	\$ 65,250	\$ (2,065)	\$ 63,185
Total debt	\$ 80,500	\$ (1,435)	\$ 79,065	\$ 88,750	\$ (2,809)	\$ 85,941

(1) Total debt issuance costs, include underwriter fees, legal fees, syndication fees, and fees related to the execution of the First, Second, Third, Fourth and Fifth Amendments to the Credit Agreement as previously discussed.

Provisions of the revolving line of credit and accordion

The Company has a maximum borrowing availability under the revolving line of credit and swingline loans (as defined in the Credit Agreement) of \$100.0 million. With the execution of the Fifth Amendment, the maximum borrowing availability under the revolving line of credit as of December 31, 2018, was temporarily reduced to \$65.0 million and will remain in effect until certain conditions have been met. The letter of credit sublimit is equal to the lesser of \$20.0 million and the aggregate unused amount of the revolving commitments then in effect. The swingline sublimit is equal to the lesser of \$5.0 million and the aggregate unused amount of the revolving commitments then in effect.

Revolving loans may be designated as Base Rate Loan or Adjusted LIBOR Rate Loans, at the Company's request, and must be made in an aggregate minimum amount of \$1.0 million and integral multiples of \$250,000 in excess of that amount. Swingline loans must be made in an aggregate minimum amount of \$250,000 and integral multiples of \$50,000 in excess of that amount. The Company may convert, change, or modify such designations from time to time.

The Company is subject to a commitment fee for the unused portion of the maximum available to borrow under the revolving line of credit. The commitment fee, which is due quarterly in arrears, is equal to the Applicable Margin of the actual daily amount by which the Aggregate Revolving Commitments exceeds the Total Revolving Outstanding. The revolving line of credit termination date is the earlier of the Credit Facility termination date, July 31, 2023, or the date the outstanding balance is permanently reduced to zero.

The maturity date for amounts drawn under the revolving line of credit is the earlier of the Facility termination date of July 31, 2023, or the date the outstanding balance is permanently reduced to zero. Prior to the fourth quarter of 2018, the Company classified amounts drawn as current liabilities based on an intent and ability to repay the amounts using current assets within the next twelve months. During the fourth quarter of 2018, the Company determined it no longer has the intent to repay amounts drawn within

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the next twelve months. Therefore, the Company has classified the entire outstanding balance of the revolving line of credit as non-current.

As of December 31, 2018, the outstanding balance for all borrowings under the revolving line of credit was \$22.0 million and was designated as an Adjusted LIBOR Rate Loan at a rate of 4.63%. There were also \$0.8 million in outstanding letters of credit as of December 31, 2018, which reduced the maximum borrowing availability on the revolving line of credit to \$42.2 million as of December 31, 2018. During 2018, the Company drew down \$39.9 million, transferred \$12.0 million from the term loan and made payments of \$39.9 million on the revolving line of credit.

Provisions of the term loan

The original principal amount of \$60.0 million for the term loan commitment is paid off in quarterly installment payments (as stated in the Credit Agreement). At December 31, 2018, the outstanding term loan component of the Credit Facility totaled \$58.5 million and was secured by specific assets of the Company. The table below outlines the total remaining payment amounts annually for the term loan through maturity of the Credit Facility:

2019	3,000
2020	3,750
2021	4,500
2022	5,250
2023	42,000
	<u>\$ 58,500</u>

The Company made the scheduled quarterly principal payments of \$8.2 million and an additional amount of \$12.0 million during 2018 was transferred to the revolving line of credit, which reduced the outstanding principal balance to \$58.5 million at December 31, 2018. The current portion of debt is \$3.0 million and the non-current portion is \$55.5 million. As of December 31, 2018, the term loan was designated as an Adjusted LIBOR Rate Loan with an interest rate of 4.63%.

Financial covenants

Restrictive financial covenants under the Credit Facility include:

- A consolidated Fixed Charge Coverage Ratio as of the end of any fiscal quarter to not be less than 1.25 to 1.00.
- A consolidated Leverage Ratio to not exceed the following during each noted period:
 - Fiscal Quarter Ending December 31, 2018, to not exceed 3.00 to 1.00;
 - Fiscal Quarter Ending March 31, 2019, to not exceed 4.75 to 1.00;
 - Fiscal Quarter Ending June 30, 2019, to not exceed 4.75 to 1.00;
 - Fiscal Quarter Ending September 30, 2019 and each Fiscal Quarter thereafter, to not exceed 3.00 to 1.00.

In addition, the Credit Facility contains events of default that are usual and customary for similar arrangements, including non-payment of principal, interest or fees; breaches of representations and warranties that are not timely cured; violation of covenants; bankruptcy and insolvency events; and events constituting a change of control.

During the fourth quarter of 2018, the Company initiated discussions with the lead bank due to concerns it would not be in compliance with financial covenants. The Company executed the Fifth Amendment during March 2019, which was effective as of December 31, 2018. The Leverage Ratio was adjusted beginning with the quarter ended December 31, 2018 through September 30, 2019 and each Fiscal Quarter thereafter, as reflected above. The Fixed Charge Coverage Ratio was unchanged. Additionally with this amendment, for the purpose of calculating the financial covenants, solely with respect to the Fiscal Quarters of the Borrower ending March 31, 2019, June 30, 2019 and September 30, 2019, Consolidated EBITDA to be determined for the Fiscal Quarter of the Borrower ending (A) March 31, 2019 by multiplying the Consolidated EBITDA for such Fiscal Quarter by four (4), (B) June 30, 2019 by multiplying the Consolidated EBITDA for such Fiscal Quarter plus the Consolidated EBITDA for the immediately preceding Fiscal Quarter by two (2) and (C) September 30, 2019 by multiplying the Consolidated EBITDA for such Fiscal Quarter plus the Consolidated EBITDA for the immediately preceding two (2) Fiscal Quarters by four-thirds (4/3). This amendment to the Credit Agreement will increase the cost of the Company's borrowings and will impose additional limitations on certain types of activities, such as acquisitions. With the execution of the aforementioned amendment, the Company was in compliance with all financial covenants as of December 31, 2018.

Derivative Financial Instruments

On September 16, 2015, the Company entered into a series of receive-variable, pay-fixed interest rate swaps to hedge the variability in the interest payments on 50% of the aggregate principal amount of the Regions Term Loan outstanding, beginning with a notional amount of \$67.5 million. There are a total of five sequential interest rate swaps to achieve the hedged position and each year on August 31, with the exception of the final swap, the existing interest rate swap is scheduled to expire and will be immediately replaced with a new interest rate swap until the expiration of the final swap on July 31, 2020. On December 6, 2018, the Company entered a sixth receive-variable, pay-fixed interest rate swaps to hedge the variability of interest payments. The sixth swap will begin with a notional amount of \$27.0 million on July 31, 2020 will hedge the variability in the interest payments on 50% of the aggregate scheduled principal amount of the Regions Term Loan outstanding. The sixth swap is scheduled to expire on July 31, 2023. At inception, these interest rate swaps were designated as a cash flow hedge for hedge accounting, and as such, the effective portion of unrealized changes in market value are recorded in accumulated other comprehensive income (loss) and reclassified into earnings during the period in which the hedged forecasted transaction affects earnings. Gains and losses from hedge ineffectiveness are recognized in current earnings. The change in fair market value of the swaps as of December 31, 2018 is less than \$0.1 million, which is reflected in the balance sheet as a liability. The fair market value of the swaps as of December 31, 2018 is less than \$0.1 million. See [Note 9](#) for more information regarding the fair value of the Company's derivative instruments.

13. Income Taxes

On December 22, 2017, the Act was enacted and signed into law. The Act makes broad and complex changes to the U.S. tax code. The Act, among other things, reduces the U.S. federal corporate income tax rate from 35% to 21%; limits the use of foreign tax credits to reduce U.S. income tax liability; eliminates the corporate AMT and changes how existing AMT credits can be realized; allows immediate expensing for qualified assets; creates a new limitation on deductible interest expense; repeals the domestic production activities deduction; and limits the deductibility of certain executive compensation and other deductions.

ASC 740 requires a company to record the effects of a tax law change in the period of enactment. SAB 118 has provided guidance for companies that have not completed their accounting for the income tax effect of the Act in the period of enactment, allowing for a measurement period of up to one year after the enactment date in order to finalize the recording of the related tax impacts. As of December 31, 2017, the Company made a provisional estimate of the impact of the Act and recorded a net tax benefit of \$5.9 million. During the year ended December 31, 2018, we finalized our accounting for the income effects of the Tax Act and determined we had no material change to our provisional amount.

The following table presents the components of our consolidated income tax (benefit) expense for the years ended December 31, 2018, 2017 and 2016:

	Current	Deferred	Total
Year ended December 31, 2018			
U.S. Federal	\$ (12)	\$ (12,664)	\$ (12,676)
State and local	183	(471)	(288)
Foreign	731	—	731
	<u>\$ 902</u>	<u>\$ (13,135)</u>	<u>\$ (12,233)</u>
Year ended December 31, 2017			
U.S. Federal ^(a)	\$ (780)	\$ (3,986)	\$ (4,766)
State and local	550	(180)	370
Foreign	(145)	—	(145)
	<u>\$ (375)</u>	<u>\$ (4,166)</u>	<u>\$ (4,541)</u>
Year ended December 31, 2016			
U.S. Federal	\$ 35	\$ (1,093)	\$ (1,058)
State and local	511	1,519	2,030
Foreign	284	325	609
	<u>\$ 830</u>	<u>\$ 751</u>	<u>\$ 1,581</u>

(a) Includes a \$5.9 million net benefit recorded in the fourth quarter of 2017 resulting from the enactment of the Act on December 22, 2017.

The Company's income tax provision reconciles to the provision at the statutory U.S. federal income tax rate for each year ended December 31, as follows:

	2018	2017	2016
Statutory amount (computed at 21% in 2018 and 35% in 2017 and 2016)	\$ (22,398)	\$ (1,449)	\$ (714)
Re-measurement of deferred tax assets ^(a)	—	(7,451)	—
Valuation allowance on foreign tax credits ^(a)	593	1,514	—
State income tax, net of federal benefit	(1,922)	168	94
Permanent differences, other	1,550	505	99
Permanent differences, incentive stock options	(24)	447	224
Valuation allowance, other	10,384	(77)	1,769
Uncertain tax provision	—	1,614	—
Other	(416)	188	109
Consolidated income tax provision	\$ (12,233)	\$ (4,541)	\$ 1,581
Consolidated effective tax rate	11.5%	109.7%	(77.5)%

(a)) In 2017, represents impact resulting from the enactment of the Act on December 22, 2017.

In the current year, the Company's effective tax rate differed from the statutory rate of 21% primarily due to recording an \$11.0 million, or \$0.39 per share, valuation allowance against the Company's net deferred tax assets, including net operating losses and foreign tax credits. The Company also recorded tax expense of \$1.2 million related to the \$69.5 million goodwill impairment. Additionally, the Company recorded tax expense related to permanent differences from meals and entertainment.

In the prior year, the Company's effective tax rate differed from the statutory rate of 35% primarily due to the impact of the Act enacted on December 22, 2017. We recorded a net tax benefit of \$5.9 million, or \$0.21 per share, resulting from the re-measurement of the Company's net deferred tax liabilities to reflect the new, lower U.S. corporate income tax rate of 21%, partially offset by the addition of a partial valuation allowance recorded against existing foreign tax credit carryforwards not expected to be utilized in future tax years. This net tax benefit was partially offset by the addition of an uncertain tax position reserve as well as tax expense for permanent differences associated with incentive stock options and meals and entertainment.

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Deferred Taxes

The Company's deferred tax assets and liabilities are as follows:

	Long Term	
	As of December 31,	
	2018	2017
Assets related to:		
Accrued liabilities	\$ 1,105	\$ 1,226
Intangible assets	3,054	3,010
Net operating loss carryforward	15,970	6,912
Valuation allowance	(14,326)	(3,942)
Non-qualified stock options	672	762
Foreign tax credits	1,489	1,751
Valuation allowance on foreign tax credits	(1,489)	(1,514)
Goodwill	8,200	—
Other	2,684	215
Total assets	17,359	8,420
Liabilities related to:		
Depreciation and amortization	(16,974)	(15,788)
Goodwill	—	(5,178)
Deferred revenue on maintenance contracts	(434)	(597)
Other	—	(100)
Total liabilities	(17,408)	(21,663)
Net deferred (liabilities) assets	\$ (49)	\$ (13,243)

(a) Components of our deferred tax assets and liabilities at December 31, 2017 after taking into account the estimated impact of the Act and related items.

As reported in the Consolidated Balance Sheets:

	December 31, 2018	December 31, 2017
Net current deferred tax assets	—	—
Net non-current deferred tax liabilities	(49)	(13,243)
Total net deferred tax liabilities:	\$ (49)	\$ (13,243)

In the quarter ended March 31, 2017, the Company adopted ASU 2016-09, *Improvements to Employee-Based Payment Accounting*. As part of this adoption, certain federal net operating losses ("NOLs") that were previously classified as off-balance sheet are now being recognized as deferred tax assets through an adjustment to opening retained earnings. The Company chose to prospectively adopt this guidance during the first quarter of 2017 and as such the balance sheet includes an adjustment of approximately \$0.7 million as an addition to "Retained earnings" and a reduction to the "Deferred income taxes" line items on the Consolidated Balance Sheet in order to true-up the tax effected portion of the NOLs mentioned above. Due to the prospective adoption, no prior year adjustments were made.

The Company assessed the realizability of its deferred tax assets at December 31, 2018 and 2017, and considered whether it was more likely than not that some portion or all the deferred tax assets will not be realized. The Company assesses the available positive and negative evidence to estimate if sufficient future taxable income will be generated to use the existing deferred tax assets. The Company considers the scheduled reversal of deferred tax liabilities, available carryback periods, and tax-planning strategies in making this assessment.

In the quarter ended December 31, 2018, the Company recorded an impairment of goodwill in the amount of \$69.5 million and a pre-tax loss of \$106.7 million when the company had previously projected to have taxable income. According to ASC subtopic 740-10, the Company's three-year cumulative loss is a significant piece of objective evidence. This objective evidence is weighed more heavily than the Company's subjective positive evidence such as our estimated future taxable income and growth. Therefore, in 2018, the Company has recorded an additional valuation allowance of \$11.0 million on the net deferred tax assets.

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Uncertain Tax Benefits

The Company and its subsidiaries file consolidated federal income tax returns in the United States and also file in various states. With few exceptions, the Company remains subject to federal and state income tax examinations for the years of 2013, 2014, 2015, 2016, 2017 and 2018. As of December 31, 2018 and 2017, the Company had recorded unrecognized tax benefits of \$1.6 million for any uncertain tax positions. The Company does not expect that unrecognized tax benefits as of December 31, 2018 for certain federal income tax matters will significantly change over the next 12 months. The final outcome of these uncertain tax positions is not yet determinable. Our uncertain tax benefits, if recognized, would affect the Company's effective tax rate. The change in the total gross unrecognized tax benefits and prior year audit resolutions of the Company during the years ended December 31, 2018 and 2017 are reconciled in the table below:

	2018	2017
Balances at beginning of the year	\$ 1,614	\$ —
Additions based on tax position related to current year	—	—
Additions based on tax positions related to prior years	—	1,614
Reductions based on tax positions related to current year	—	—
Reductions based on tax positions related to prior years	—	—
Settlements with tax authorities	—	—
Lapse of statute of limitations	—	—
Balance at the end of year	\$ 1,614	\$ 1,614

The Company's policy is to recognize interest and penalties related to any unrecognized tax liabilities as additional tax expense. No interest or penalties have been accrued at December 31, 2018, 2017 and 2016. The Company believes it has appropriate and adequate support for the income tax positions taken and to be taken on its tax returns and that its accruals for tax liabilities are adequate for all open years based on an assessment of many factors including past experience and interpretations of tax law applied to the facts of each matter. Although the Company believes its recorded assets and liabilities are reasonable, tax regulations are subject to interpretation and tax litigation is inherently uncertain; therefore the Company's assessments can involve both a series of complex judgments about future events and rely heavily on estimates and assumptions. Although the Company believes that the estimates and assumptions supporting its assessments are reasonable, the final determination of tax audit settlements and any related litigation could be materially different from that which is reflected in historical income tax provisions and recorded assets and liabilities. If the Company were to settle an audit or a matter under litigation, it could have a material effect on the income tax provision, net income, or cash flows in the period or periods for which that determination is made. Any accruals for tax contingencies are provided for in accordance with U.S. GAAP.

The Company does not believe that its tax positions will significantly change due to any settlement and/or expiration of statutes of limitations prior to December 31, 2019.

14. Earnings (Loss) Per Share

Basic earnings (loss) per share are based on the weighted average number of common shares outstanding during each period. Diluted earnings per share are based on the weighted average number of common shares outstanding and the effect of all dilutive common stock equivalents during each period. The exercise price for certain stock options awarded by the Company exceeds the average market price of the Company's common stock. Such stock options are anti-dilutive and are not included in the computation of earnings (loss) per share. For the years ended December 31, 2018, 2017 and 2016, the Company had 1,938,967, 2,274,908, and 2,381,926, securities, respectively, that were potentially dilutive in future earnings per share calculations. Such dilution will be dependent on the excess of the market price of our stock over the exercise price and other components of the treasury stock method.

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The following table reconciles the denominators used in the computations of both basic and diluted earnings (loss) per share:

	Year ended December 31,		
	2018	2017	2016
Basic:			
Weighted average shares outstanding	28,518,353	28,029,936	27,536,967
Diluted:			
Total basic weighted average shares outstanding	28,518,353	28,029,936	27,536,967
Effect of dilutive securities:			
Common stock options	—	324,344	—
Total weighted average shares outstanding assuming dilution	28,518,353	28,354,280	27,536,967
Anti-dilutive stock options	—	—	—
Shares of common stock issued from the exercise of stock options	488,303	229,551	13,850

15. Stock-Based Compensation

The Compensation Committee of the Company's Board of Directors is responsible for the administration of the Company's stock incentive plans, which include the balance of shares remaining under the 2011 Long Term Incentive Plan (the "2011 LTIP") and 2017 Long Term Incentive Plan (the "2017 LTIP"), which was approved by shareholders in May 2017 and authorized the maximum aggregate number of shares to be issued of 2,400,000. In general, the Company's 2017 LTIP provides for grants of restricted stock and stock options to be issued with a per-share price equal to the fair market value of a share of common stock on the date of grant. Option terms are specified at each grant date, but are generally are 10 years from the date of issuance. Options generally vest over a three to five year period.

Restricted Stock

The following table summarizes the restricted stock activity under the Company's equity incentive plans :

	Number of Shares	Weighted Average Fair Value Per Share
Nonvested at January 1, 2016	120,154	\$ 9.28
Granted	407,002	\$ 4.96
Vested	(147,259)	\$ 6.62
Forfeited/repurchased shares	(7,591)	\$ 7.08
Nonvested at December 31, 2016	372,306	\$ 5.66
Granted	345,913	\$ 7.22
Vested	(225,406)	\$ 7.25
Forfeited/repurchased shares	(120,353)	\$ 6.08
Nonvested at December 31, 2017	372,460	\$ 6.01
Granted	333,864	\$ 7.47
Vested	(217,244)	\$ 6.61
Forfeited/repurchased shares	(71,139)	\$ 6.85
Nonvested at December 31, 2018	417,941	\$ 7.04

Independent directors receive equity compensation in the form of grants. In May 2018, the Company's independent directors each received equity compensation grants of 12,064 shares, with a fair value of \$7.46 per share. In May 2017, the Company's independent directors each received equity compensation grants of 12,465 shares, with a fair value of \$7.22 per share and in May 2016, the Company's independent directors each received equity compensation grants of 14,170 shares, with a fair value of \$4.94 per share. In May 2018, certain officers and executives of the Company were awarded 203,752 shares with a vesting period of three years and a fair value of \$7.46 per share. In July 2018 an executive was awarded 2,769 shares of restricted common stock with a fair value of \$9.03 per share. Additionally, in 2017, certain officers and executives of the Company were awarded 213,643 shares with a vesting period of three years and a weighted average fair value of \$7.22 per share and in 2016, certain officers and executives of the Company were awarded 267,175 shares with a vesting period of three years and a weighted average fair value of \$4.96 per share.

Performance Stock

In May 2018, the Company awarded certain executives 67,023 shares of performance based stock, which will potentially vest at the end of fiscal 2021, with 100% of the shares to be earned based on the achievement of an objective, tiered return on invested capital measured over a three-year performance period. The Company evaluates the probability of achieving this each reporting period. The fair value of all shares awarded on the date of the grant was \$7.46 per share. In May 2017, the Company awarded certain executives 69,945 shares of performance based stock, which vest based on the achievement of an objective return on invested capital measured over a two-year performance period covering the 2018 and 2019 fiscal years. The fair value on the date of grant was \$7.22 per share. In May 2016, the Company awarded certain executives 68,977 shares of performance based stock, which vest based on the achievement of an objective return on invested capital measured over a two-year performance period covering the 2017 and 2018 fiscal years. The fair value on the date of the grant was \$4.94 per share.

Stock Options

The following table summarizes the stock option activity under the Company's equity incentive plans:

	Number of Shares	Weighted Average Exercise Price Per Share	Weighted Average Contractual Life (Years)	Aggregate Intrinsic Value
Outstanding at January 1, 2016	2,149,900	\$ 9.56		
Granted	587,862	\$ 4.98		
Exercised	(13,850)	\$ 4.86		
Forfeited	(374,466)	\$ 9.89		
Outstanding at December 31, 2016	2,349,446	\$ 8.39		
Granted	425,204	\$ 7.22		
Exercised	(229,551)	\$ 5.75		
Forfeited	(633,978)	\$ 10.36		
Outstanding at December 31, 2017	1,911,121	\$ 7.79		
Granted	374,215	\$ 7.49		
Exercised	(488,303)	\$ 5.76		
Forfeited	(132,252)	\$ 7.89		
Outstanding at December 31, 2018	1,664,781	\$ 8.31		
Vested and expected to vest at December 31, 2017	1,779,990	\$ 8.15	5.83	\$ 15
Exercisable at December 31, 2018	1,247,450	\$ 8.56	4.51	\$ 14

The Company calculates the fair value of each option on the date of grant using the Black-Scholes pricing model and the following weighted-average assumptions in each year:

	2018	2017	2016
Weighted average grant-date fair value of options granted	\$ 2.78	\$ 7.22	\$ 4.97
Risk-free interest rate	2.65%	1.46%	1.06%
Expected volatility	51.8%	48%	49%
Expected term of options (in years)	3.0	3.0	3.0
Dividend yield	—%	—%	—%

The risk-free interest rate is based on interest rates on U.S. Treasury zero-coupon issues that match the contractual terms of the stock option grants. The expected term represents the period in which the Company's equity awards are expected to be outstanding, which for the years presented is based on the exercise history.

For years ended December 31, 2018, 2017 and 2016, compensation expense related to stock based awards outstanding for the periods was \$2.2 million, respectively. The Company applies a 3.2% and 5.5% forfeiture rate, which gets compounded over the vesting terms of the individual award, to its restricted stock and option grants, respectively, based on historical analysis.

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During the year ended December 31, 2018, certain officers and executives of the Company were awarded 374,215 options with a vesting period of three years and a weighted average exercise price of \$7.49 per share. During the year ended December 31, 2017, certain officers and executives of the Company were awarded 425,204 options with a vesting period of three years and a weighted average exercise price of \$7.22 per share, and for the year ended December 31, 2016, certain officers and executives were awarded 587,862 options with a vesting period of three years and a weighted average exercise price of \$4.98 per share.

In the year ended December 31, 2018, the Company received proceeds of approximately \$2.8 million upon the exercise of 488,303 options. In the year ended December 31, 2017, proceeds of \$1.3 million upon the exercise of 229,551 options and in the year ended December 31, 2016, 13,850 options were exercised, generating proceeds of less than \$0.1 million.

As of December 31, 2018, total unrecognized compensation expense related to unvested stock and options was approximately \$3.6 million, which is expected to be recognized over a period of approximately 2.0 years.

	2018	2017	2016
Total intrinsic value of options exercised	\$ 1,286	\$ 706	\$ 53
Total fair value of shares vested	\$ 705	\$ 855	\$ 986

16. Employee Benefits

All of the Company's marine segment employees except the Associate Divers, the Associate Tugmasters, and union employees in the Pacific Northwest, are eligible to participate in the Company's 401(k) Retirement Plan after completing six months of service. Each participant may contribute between 1% and 80% of eligible compensation on a pre-tax basis, up to the annual IRS limit. The Company matches 100% on the first 2% of eligible compensation contributed to the Plan and 50% on the next 2% of eligible compensation contributed to the Plan. Participants' contributions are fully vested at all times. Employer matching contributions vest over a four-year period. At its discretion, the Company may make additional matching and profit-sharing contributions. During the years ended December 31, 2018, 2017 and 2016 the Company contributed \$1.4 million to the Plan, respectively.

All of the Company's concrete segment employees except Leads, Helpers, Laborers, Finishers, Formsetters, Carpenters, Rodbusters, Patchmen, Equipment Operators, Field Engineering Trainees and certain Highly Compensated Employees are eligible to participate in the AGC Southwest Chapters 401(k) Retirement Plan, a multiple employer plan, after completing three months of service. Each participant may contribute up to the annual IRS limit. The Company matches 50% on the first 6% of eligible compensation contributed to the Plan. Participants' contributions are fully vested at all times. Employer matching contributions vest over a five-year period. At its discretion, the Company may make additional matching and profit-sharing contributions. During the year ended December 31, 2018, 2017 and 2015, the Company contributed \$0.2 million, \$0.4 million and \$0.2 million, respectively.

The Company's marine segment contributes to several multi-employer defined pension plans under the terms of collective-bargaining agreements that cover its union-represented employees. Risks of participating in these multi-employer plans are different from single-employer plans in the following aspects:

- Assets contributed to the multi-employer plan by one employer may be used to provide benefits to employees of other participating employers;
- If a participating employer stops contributing to the plan, the unfunded obligations of the plan may be borne by the remaining participating employers; and
- If the Company chooses to stop participating in its multi-employer plans, it may be required to pay a withdrawal liability based on the underfunded status of the plan.

Currently, the Company's concrete segment does not have union represented employees and, thus, does not participate under the above-mentioned defined pension plans, or any other plans, that cover union-represented employees.

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The following table presents the Company's participation in these plans:

Pension Trust Fund	Employer Identification Number	Pension Protection Act ("PPA") Certified Zone Status (1)		FIP/RP Status P/I (2)	Contributions			Surcharge Imposed	Expiration of Collective Bargaining Agreement
		2018	2017		2018	2017	2016		
International Union of Operating Engineers - Employers Construction Industry Retirement Plan - Local 302 and 612 Trust Funds	91-6028571	Green	Green	N/A	\$ 2,482	\$ 1,974	\$ 2,158	—	2021
Associated General Contractors of Washington Carpenter, Piledrivers, and Millwrights	91-6029051 91-6029049	Green	Green	N/A	\$ 932	\$ 693	\$ 938	—	2021
Alaska Carpenters Trust Fund	92-0120866	Green	Green	N/A	\$ 328	\$ 396	\$ 889	—	2020
Alaska Laborers Trust Fund	91-6028298	Yellow	Yellow	I	\$ 321	\$ 218	\$ 126	—	2019

(1) The most recent PPA zone status available in 2018 and 2017 is for the plan's year end during 2017 and 2016, respectively. Zone status is based on information received from the plan and is indicative of the plans funding status. Among other factors, plans in the red zone are generally less than 65 percent funded, plans in the orange zone are less than 80 percent funded and have an Accumulated Funding Deficiency in the current year or projected into the next six years, plans in the yellow zone are less than 80 percent funded, and plans in the green zone are at least 80 percent funded.

(2) The FIP/RP Status P/I column indicates plans for which a financial improvement plan ("FIP") or a rehabilitation plan ("RP") is either pending ("P"), or implemented ("I").

There are currently no plans to withdraw from any of the multi-employer plans in which the Company participates.

17. Commitments and Contingencies

Capital and Operating Leases

In 2005, the Company entered into a lease agreement for vehicles under a continuing operating lease agreement. Rental expense under this lease for the years ended December 31, 2018, 2017 and 2016 was \$1.0 million, \$0.7 million, and \$1.5 million, respectively.

In 2016, the Company started transitioning its vehicle leases to a new lease agreement in an effort to update and expand its current fleet. The Company expects to fully transition all of its fleet vehicles to this new lease over the course of the next several years. Rental expense under this lease for the year ended December 31, 2018, 2017 and 2016 was \$2.0 million, \$1.7 million and \$1.0 million, respectively.

The Company leases its corporate office in Houston, Texas under a lease with an initial term of nine years. In addition, the Company leases other facilities, including office space and yard facilities, under terms that range from one to five years. The Company also leases short-term field office space at its various construction sites for the duration of the projects.

Future minimum lease payments under non-cancelable leases as of December 31, 2018 are as follows:

	Amount
Year ended December 31,	
2019	\$ 10,308
2020	8,046
2021	4,648
2022	2,770
2023	2,143
Thereafter	5,290
	<u>\$ 33,205</u>

The Company's total obligations under capital leases was \$8.4 million as of December 31, 2018, which is reflected in accrued liabilities and long-term liabilities in the consolidated balance sheet.

Litigation

From time to time the Company is a party to various lawsuits, claims and other legal proceedings that arise in the ordinary course of business. These actions typically seek, among other things, compensation for alleged personal injury, breach of contract, property damage, punitive damages, civil penalties or other losses, or injunctive or declaratory relief. With respect to such lawsuits, the Company accrues reserves when it is probable a liability has been incurred and the amount of loss can be reasonably estimated. The Company does not believe any of these or any other proceedings, individually or in the aggregate, would be expected to have a material adverse effect on results of operations, cash flows or financial condition.

A pending legal matter was settled for \$5.5 million during the first quarter of 2018. The settlement amount was recorded in "Other gain from continuing operations" in the Consolidated Statement of Operations, "Prepaid expenses and other" (current portion of the notes receivable) and "Other non-current assets" (non-current portion of the notes receivable) in the Consolidated Balance Sheets. As of December 31, 2018, the current portion of the note receivable was \$0.8 million and the non-current portion was \$3.0 million. Legal fees related to this matter were expensed as incurred during the respective reporting period.

As a result of charges brought in September 2015 and October 2016 by the Houston Police Department, Environmental Enforcement, two subsidiaries of the Company were recently indicted at the request of the Harris County, Texas District Attorney's Office by a duly organized Grand Jury of Harris County, Texas for separate but related violations of the Texas Water Code, allegedly arising from the handling of construction concrete at certain work sites. Specifically, both were charged with unlawfully, intentionally or knowingly discharging a waste or pollutant. The Company is subject to a maximum fine in each case of \$250,000, but has already declined a \$75,000 plea bargain in the first case. In the second case, a project supervisor was also indicted. None of these allegations nor the costs of defense, taken separately or as a whole, is expected to have a material impact on the Company's balance sheet or its liquidity. The Company considers all of these allegations without merit and it will vigorously defend itself and its employee.

18. Segment Information

The Company currently operates in two reportable segments: marine and concrete. The Company's financial reporting systems present various data for management to run the business, including profit and loss statements prepared according to the segments presented. Management uses operating income to evaluate performance between the two segments. Segment information for the periods presented is provided as follows:

	Year Ended December 31, 2018	Year Ended December 31, 2017
Marine		
Contract revenues	\$ 243,883	\$ 285,736
Operating loss	(61,012)	(18,406)
Depreciation and amortization expense	(22,657)	(20,370)
Total assets	\$ 190,503	\$ 260,935
Property, plant and equipment, net	128,168	128,421
Concrete		
Contract revenues	\$ 277,011	\$ 292,817
Operating (loss) income	(39,528)	19,944
Depreciation and amortization expense	(9,142)	(9,121)
Total assets	\$ 122,367	\$ 172,350
Property, plant and equipment, net	19,835	17,857

There were \$2.5 million in intersegment revenues between the Company's two reportable segments for the year ended December 31, 2018. There were no intersegment revenues between the Company's two reportable segments for the year ended December 31, 2017. The marine segment had foreign revenues of \$12.2 million and \$9.4 million, respectively, for the years ended December 31, 2018 and 2017. These revenues are derived from projects in the Caribbean Basin and Mexico and are paid in U.S. dollars. There was no foreign revenue for the concrete segment.

19. Related Party Transactions

Upon the completion of the TAS acquisition, the Company entered into a lease arrangement with an entity in which an employee owns an interest. This lease is for office space and yard facilities used by the concrete segment. Annual lease expense was approximately \$478,000 and \$820,000 for the years ending December 31, 2017 and 2016, respectively. Due to the resignation of this employee, these transactions ceased to be related party transactions as of July 31, 2017 and resulted in a lower annual lease expense for 2017 compared to 2016.

20. Selected Quarterly Financial Data (Unaudited)

The following tables set forth selected unaudited financial information for the eight quarters in the two-year period ended December 31, 2018. This information has been prepared on the same basis as the audited financial statements and, in the opinion of management, contains all adjustments necessary for a fair presentation.

	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Total Year
(in thousands, except per share data)					
2018					
Revenues	\$ 136,843	\$ 159,767	\$ 125,073	\$ 99,211	\$ 520,894
Gross profit	15,822	20,769	5,938	(20,880)	21,649
Operating (loss) income	7,069	4,591	(7,405)	(104,795)	(100,540)
(Loss) income before income taxes	5,590	3,909	(9,427)	(106,727)	(106,655)
Net (loss) income	4,101	2,249	(6,356)	(94,416)	(94,422)
(Loss) earnings per share:					
Basic	\$ 0.15	\$ 0.08	\$ (0.22)	\$ (3.32)	\$ (3.31)
Diluted	\$ 0.14	\$ 0.08	\$ (0.22)	\$ (3.32)	\$ (3.31)
	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Total Year
(in thousands, except per share data)					
2017					
Revenues	\$ 138,757	\$ 137,420	\$ 140,162	\$ 162,214	\$ 578,553
Gross profit	12,985	15,397	10,757	27,751	66,890
Operating (loss) income	(1,482)	(2,466)	(5,354)	10,840	1,538
(Loss) income before income taxes	(2,827)	(3,917)	(6,703)	9,306	(4,141)
Net (loss) income	(1,808)	(2,293)	(5,037)	9,538	400
(Loss) earnings per share:					
Basic	\$ (0.07)	\$ (0.08)	\$ (0.18)	\$ 0.34	\$ 0.01
Diluted	\$ (0.07)	\$ (0.08)	\$ (0.18)	\$ 0.34	\$ 0.01

ORION GROUP HOLDINGS, INC.

SCHEDULE II - VALUATION AND QUALIFYING ACCOUNTS
(Dollars in thousands)

Description	Balance at the Beginning of the Period	Charged to Revenue, Cost or Expense	Deduction	Balance at the End of the Period
Year ended December 31, 2016				
Provision for doubtful accounts	\$ —	\$ —	\$ —	\$ —
Reserve for losses on uncompleted contracts	\$ —	\$ —	\$ —	\$ —
Year ended December 31, 2017				
Provision for doubtful accounts	\$ —	\$ —	\$ —	\$ —
Reserve for losses on uncompleted contracts	\$ —	\$ —	\$ —	\$ —
Year ended December 31, 2018				
Provision for doubtful accounts	\$ —	\$ 4,280	\$ —	\$ 4,280
Reserve for losses on uncompleted contracts	\$ —	\$ 22,770	\$ —	\$ 22,770

Stock Option Agreement

**ORION GROUP HOLDINGS, INC.
LONG TERM INCENTIVE PLAN**

STOCK OPTION AGREEMENT

This Agreement is made and entered into as of the Date of Grant set forth in the Notice of Grant of Stock Option ("**Notice of Grant**") by and between Orion Group Holdings, Inc., a Delaware corporation (the "**Company**"), and you:

WHEREAS, the Company, in order to induce you to enter into and continue in dedicated service to the Company and to materially contribute to the success of the Company, agrees to grant you an option to acquire an interest in the Company through the purchase of shares of Stock of the Company;

WHEREAS, the Company adopted the Orion Group Holdings, Inc. Long Term Incentive Plan as it may be amended from time to time (the "Plan") under which the Company is authorized to grant Stock Options to certain employees and service providers of the Company;

WHEREAS, a copy of the Plan has been furnished to you and shall be deemed a part of this stock option agreement (the "Agreement") as if fully set forth herein and terms capitalized but not defined herein shall have the meaning set forth in the Plan; and

WHEREAS, you desire to accept the Option created pursuant to the Agreement.

NOW, THEREFORE, in consideration of the mutual covenants set forth herein and for other valuable consideration hereinafter set forth, the parties agree as follows:

The Grant. Subject to the conditions set forth below, the Company hereby grants to you, effective as of the Date of Grant set forth in the Notice of Grant, as a matter of separate inducement and not in lieu of any salary or other compensation

for your services for the Company, the right and option to purchase (the "Option"), in accordance with the terms and conditions set forth herein and in the Plan, an aggregate of the number of shares of Stock set forth in the Notice of Grant (the "Option Shares"), at the Exercise Price set forth in the Notice of Grant.

Exercise.

Option Shares shall be deemed "Nonvested Shares" unless and until they have become "Vested Shares." The Option shall in all events terminate at the close of business on the tenth (10) anniversary of the date of this Agreement (the "Expiration Date"). Subject to other terms and conditions set forth herein, the Option may be exercised in cumulative installments in accordance with the vesting schedule set forth in the Notice of Grant, provided that you remain in the employ of or a service provider to the Company or its Subsidiaries until the applicable dates set forth therein.

Subject to the relevant provisions and limitations contained herein and in the Plan, you may exercise the Option to purchase all or a portion of the applicable number of Vested Shares at any time prior to the termination of the Option pursuant to this Option Agreement. No less than 100 Vested Shares may be purchased at any one time unless the number purchased is the total number of Vested Shares at that time purchasable under the Option. In no event shall you be entitled to exercise the Option for any Nonvested Shares or for a fraction of a Vested Share.

Any exercise by you of the Option shall be in writing addressed to the Secretary of the Company at its principal place of business. Exercise of the Option shall be made by delivery to the Company by you (or other person entitled to exercise the Option as provided hereunder) of an executed "Notice of Stock Option Exercise," and payment of the aggregate purchase price for shares purchased pursuant to the exercise.

Payment of the Exercise Price may be made, at your election, with the approval of the Company, in cash, by certified or official bank check or by wire transfer of immediately available funds, by delivery to the Company of a number of shares of Stock having a Fair Market Value as of the date of exercise equal to the Exercise Price, by the delivery of a note, or by net issue exercise, pursuant to which the Company will issue to you a number of shares of Stock as to which the Option is exercised, less a number of shares with a Fair Market Value as of the date of exercise equal to the Exercise Price.

If you are on leave of absence for any reason, the Company may, in its sole discretion, determine that you will be considered to still be in the employ of or providing services for the Company, provided that rights to the Option will be limited to the extent to which those rights were earned or vested when the leave or absence began.

The terms and provisions of the employment agreement, if any, between you and the Company or any Subsidiary (the "Employment Agreement") that relate to or affect the Option are incorporated herein by reference. Notwithstanding the foregoing provisions of this Section 0 or Section 3, in the event of any conflict or inconsistency between the terms and conditions of this Section 0 or Section 3 and the terms and conditions of the Employment Agreement, the terms and conditions of the Employment Agreement shall be controlling.

Effect of Termination of Service on Exercisability. Except as provided in Sections 6 and 7 or an Employment Agreement, this Option may be exercised only while you continue to perform services for the Company or any Subsidiary and will terminate and cease to be exercisable upon termination of your service, *except* as follows:

Termination on Account of Disability. If your service with the Company or any Subsidiary terminates by reason of disability (within the meaning of section 22(e)(3) of the Code), this Option may be exercised by you (or your estate or the person who acquires this Option by will or the laws of descent and distribution or otherwise by reason of your death) at any time during the period ending on the earlier to occur of (i) the date that is one year following such termination, or (ii) the Expiration Date, but only to the extent this Option was exercisable for Vested Shares as of the date your service so terminates.

Termination on Account of Death. If you cease to perform services for the Company or any Subsidiary due to your death, your estate, or the person who acquires this Option by will or the laws of descent and distribution or otherwise by reason of your death, may exercise this Option at any time during the period ending on the earlier to occur of (i) the date that is one year following your death, or (ii) the Expiration Date, but only to the extent this Option was exercisable for Vested Shares as of the date of your death.

Termination not for Cause. If your service with the Company or any Subsidiary terminates for any reason other than as described in Sections 3(a) or (b), unless such service is terminated for Cause (as defined below), this Option may be exercised by you at any time during the period ending on the earlier to occur of (i)

the date that is three months following your termination, or (ii) the Expiration Date, or by your estate (or the person who acquires this Option by will or the laws of descent and distribution or otherwise by reason of your death) during a period of one year following your death if you die during such three-month period, but in each such case only to the extent this Option was exercisable for Vested Shares as of the date of your termination. "Cause" means "cause" as defined in your Employment Agreement, or in the absence of such an agreement or such a definition, "Cause" will mean a determination by the Committee that you (A) have engaged in personal dishonesty, willful violation of any law, rule, or regulation (other than minor traffic violations or similar offenses), or breach of fiduciary duty involving personal profit, (B) have failed to satisfactorily perform your duties and responsibilities for the Company or any Affiliate, (C) have been convicted of, or plead *nolo contendere* to, any felony or a crime involving moral turpitude, (D) have engaged in negligence or willful misconduct in the performance of your duties, including but not limited to willfully refusing without proper legal reason to perform your duties and responsibilities, (E) have materially breached any corporate policy or code of conduct established by the Company or any Subsidiary as such policies or codes may be adopted from time to time, (F) have violated the terms of any confidentiality, nondisclosure, intellectual property, nonsolicitation, noncompetition, proprietary information or inventions agreement, or any other agreement between you and the Company or any Subsidiary related to your service with the Company or any Subsidiary, or (G) have engaged in conduct that is likely to have a deleterious affect on the Company or any Subsidiary or their legitimate business interests, including but not limited to their goodwill and public image.

Transferability. The Option, and any rights or interests therein will be transferable by you only to the extent approved by the Committee in conformance with Section 10(a) of the Plan.

Compliance with Securities Law. Notwithstanding any provision of this Agreement to the contrary, the grant of the Option and the issuance of Stock will be subject to compliance with all applicable requirements of federal, state, and foreign securities laws and with the requirements of any stock exchange or market system upon which the Stock may then be listed. The Option may not be exercised if the issuance of shares of Stock upon exercise would constitute a violation of any applicable federal, state, or foreign securities laws or other law or regulations or the requirements of any stock exchange or market system upon which the Stock may then be listed. In addition, the Option may not be exercised unless (a) a registration statement under the Securities Act of 1933, as amended (the "Act"), is at the time of exercise of the Option in effect with respect to the shares issuable upon exercise

of the Option or (b) in the opinion of legal counsel to the Company, the shares issuable upon exercise of the Option may be issued in accordance with the terms of an applicable exemption from the registration requirements of the Act. YOU ARE CAUTIONED THAT THE OPTION MAY NOT BE EXERCISED UNLESS THE FOREGOING CONDITIONS ARE SATISFIED. ACCORDINGLY, YOU MAY NOT BE ABLE TO EXERCISE THE OPTION WHEN DESIRED EVEN THOUGH THE OPTION IS VESTED. The inability of the Company to obtain from any regulatory body having jurisdiction the authority, if any, deemed by the Company's legal counsel to be necessary to the lawful issuance and sale of any shares subject to the Option will relieve the Company of any liability in respect of the failure to issue or sell such shares as to which such requisite authority has not been obtained. As a condition to the exercise of the Option, the Company may require you to satisfy any qualifications that may be necessary or appropriate to evidence compliance with any applicable law or regulation and to make any representation or warranty with respect to such compliance as may be requested by the Company.

Extension if Exercise Prevented by Law. Notwithstanding Section 3, if the exercise of the Option within the applicable time periods set forth in Section 3 is prevented by the provisions of Section 5, the Option will remain exercisable until 30 days after the date you are notified by the Company that the Option is exercisable, but in any event no later than the Expiration Date. The Company makes no representation as to the tax consequences of any such delayed exercise. You should consult with your own tax advisor as to the tax consequences of any such delayed exercise.

Extension if You are Subject to Section 16(b). Notwithstanding Section 3, if a sale within the applicable time periods set forth in Section 3 of shares acquired upon the exercise of the Option would subject you to suit under Section 16(b) of the Securities Exchange Act of 1934, as amended, the Option will remain exercisable until the earliest to occur of (a) the 10th day following the date on which a sale of such shares by you would no longer be subject to such suit, (b) the 190th day after your termination of service with the Company and any Subsidiary, or (c) the Expiration Date. The Company makes no representation as to the tax consequences of any such delayed exercise. You should consult with your own tax advisor as to the tax consequences of any such delayed exercise.

Withholding Taxes. The Committee may, in its discretion, require you to pay to the Company at the time of the exercise of an Option or thereafter, the amount that the Committee deems necessary to satisfy the Company's current or

future obligation to withhold federal, state or local income or other taxes that you incur by exercising an Option. In connection with such an event requiring tax withholding, you may direct the Company to withhold from the shares of Stock to be issued to you the number of shares necessary to satisfy the Company's obligation to withhold taxes, that determination to be based on the shares' Fair Market Value as of the date of exercise; deliver to the Company sufficient shares of Stock (based upon the Fair Market Value as of the date of such delivery) to satisfy the Company's tax withholding obligation; or deliver sufficient cash to the Company to satisfy its tax withholding obligations. If you elect to use a Stock withholding feature you must make the election at the time and in the manner that the Committee prescribes. The Committee may, at its sole option, deny your request to satisfy withholding obligations through shares of Stock instead of cash. In the event the Committee subsequently determines that the aggregate Fair Market Value (as determined above) of any shares of Stock withheld or delivered as payment of any tax withholding obligation is insufficient to discharge that tax withholding obligation, then you shall pay to the Company, immediately upon the Committee's request, the amount of that deficiency in the form of payment requested by the Committee.

Status of Stock. With respect to the status of the Stock, at the time of execution of this Agreement you understand and agree to all of the following:

You understand that at the time of the execution of this Agreement the shares of Stock to be issued upon exercise of this Option have not been registered under the Act or any state securities law and that the Company does not currently intend to effect any such registration. In the event exemption from registration under the Act is available upon an exercise of this Option, you (or such other person permitted to exercise this Option if applicable), if requested by the Company to do so, will execute and deliver to the Company in writing an agreement containing such provisions as the Company may require to ensure compliance with applicable securities laws.

You agree that the shares of Stock that you may acquire by exercising this Option will be acquired for investment without a view to distribution, within the meaning of the Act, and will not be sold, transferred, assigned, pledged, or hypothecated in the absence of an effective registration statement for the shares under the Act and applicable state securities laws or an applicable exemption from the registration requirements of the Act and any applicable state securities laws. You also agree that the shares of Stock that you may acquire by exercising this Option will not be sold or otherwise disposed of in

any manner that would constitute a violation of any applicable securities laws, whether federal or state.

You agree that (i) the Company may refuse to register the transfer of the shares of Stock purchased under this Option on the stock transfer records of the Company if such proposed transfer would in the opinion of counsel satisfactory to the Company constitute a violation of any applicable securities law and (ii) the Company may give related instructions to its transfer agent, if any, to stop registration of the transfer of the shares of Stock purchased under this Option.

Adjustments. The terms of the Option shall be subject to adjustment from time to time, in accordance with the following provisions:

If at any time, or from time to time, the Company shall subdivide as a whole (by reclassification, by a Stock split, by the issuance of a distribution on Stock payable in Stock or otherwise) the number of shares of Stock then outstanding into a greater number of shares of Stock, then the number of shares of Stock (or other kind of securities) that may be acquired under the Option shall be increased proportionately and the Exercise Price for each share of Stock (or other kind of shares or securities) subject to the then outstanding Option shall be reduced proportionately, without changing the aggregate purchase price or value as to which the outstanding Option remains exercisable or subject to restrictions.

If at any time, or from time to time, the Company shall consolidate as a whole (by reclassification, reverse Stock split or otherwise) the number of shares of Stock then outstanding into a lesser number of shares of Stock, the number of shares of Stock (or other kind of shares or securities) that may be acquired under the Option shall be decreased proportionately and the Exercise Price for each share of Stock (or other kind of shares or securities) subject to the then outstanding Option shall be increased proportionately, without changing the aggregate purchase price or value as to which the outstanding Option remains exercisable or subject to restrictions.

Whenever the number of shares of Stock subject to the Option and the price for each share of Stock subject to the Option are required to be adjusted as provided in this Section 6, the Committee shall promptly prepare a notice setting forth, in reasonable detail, the event requiring adjustment, the amount of the adjustment, the method by which such adjustment was calculated, and the change in price and the number of shares of Stock, other securities, cash, or property purchasable by you pursuant to the exercise of the Option or subject to the Option

after giving effect to the adjustments. The Committee shall promptly give you such a notice.

Adjustments under this Section 10 shall be made by the Committee, and its determination as to what adjustments shall be made and the extent thereof shall be final, binding, and conclusive. No fractional interest shall be issued under the Plan on account of any such adjustments.

Lock-Up Period. You hereby agrees that, if so requested by the Company or any representative of the underwriters (the "Managing Underwriter") in connection with any registration of the offering of any securities of the Company under the Act, you will not sell or otherwise transfer any Option Shares or other securities of the Company during the 180-day period (or such other period as may be requested in writing by the Managing Underwriter and agreed to in writing by the Company) (the "Market Standoff Period") following the effective date of a registration statement of the Company filed under the Act. Such restriction will apply only to the first registration statement of the Company to become effective under the Act that includes securities to be sold on behalf of the Company to the public in an underwritten public offering under the Act. The Company may impose stop-transfer instructions with respect to securities subject to the foregoing restrictions until the end of such Market Standoff Period.

Stockholder Agreement. The Committee may, in its sole discretion, condition the delivery of Stock pursuant to the exercise of this Option upon your entering into a stockholder agreement in such form as approved from time to time by the Board.

Legends. The Company may at any time place legends, referencing any restrictions imposed on the shares pursuant to Sections 9 and 11 of this Agreement, and any applicable federal, state or foreign securities law restrictions, on all certificates representing shares of Stock subject to the provisions of this Agreement.

Notice of Sales Upon Disqualifying Disposition of ISO. If the Option is designated as an Incentive Stock Option in the Notice of Grant, you must comply with the provisions of this Section. You must promptly notify the Chief Financial Officer of the Company if you dispose of any of the shares acquired pursuant to the Option within one year after the date you exercise all or part of the Option or within two years after the Date of Grant. Until such time as you dispose of such shares in a manner consistent with the provisions of this Agreement, unless otherwise expressly authorized by the Company, you must hold all shares acquired pursuant to the Option in your name (and not in the name of any nominee) for the one-year

period immediately after the exercise of the Option and the two-year period immediately after the Date of Grant. At any time during the one-year or two-year periods set forth above, the Company may place a legend on any certificate representing shares acquired pursuant to the Option requesting the transfer agent for the Company's stock to notify the Company of any such transfers. Your obligation to notify the Company of any such transfer will continue notwithstanding that a legend has been placed on the certificate pursuant to the preceding sentence.

Right to Terminate Services. Nothing contained in this Agreement shall confer upon you the right to continue in the employ of or performing services for the Company or any Subsidiary, or interfere in any way with the rights of the Company or any Subsidiary to terminate your employment or service relationship at any time.

Furnish Information. You agree to furnish to the Company all information requested by the Company to enable it to comply with any reporting or other requirement imposed upon the Company by or under any applicable statute or regulation.

Remedies. The Company shall be entitled to recover from you reasonable attorneys' fees incurred in connection with the enforcement of the terms and provisions of this Agreement whether by an action to enforce specific performance or for damages for its breach or otherwise.

No Liability for Good Faith Determinations. The Company and the members of the Committee and the Board shall not be liable for any act, omission or determination taken or made in good faith with respect to this Agreement or the Option granted hereunder.

Execution of Receipts and Releases. Any payment of cash or any issuance or transfer of shares of Stock or other property to you, or to your legal representative, heir, legatee or distributee, in accordance with the provisions hereof, shall, to the extent thereof, be in full satisfaction of all claims of such persons hereunder. The Company may require you or your legal representative, heir, legatee

or distributee, as a condition precedent to such payment or issuance, to execute a release and receipt therefore in such form as it shall determine.

No Guarantee of Interests. The Board and the Company do not guarantee the Stock of the Company from loss or depreciation.

Company Records. Records of the Company regarding your service and other matters shall be conclusive for all purposes hereunder, unless determined by the Company to be incorrect.

Notice. All notices required or permitted under this Agreement must be in writing and personally delivered or sent by mail and shall be deemed to be delivered on the date on which it is actually received by the person to whom it is properly addressed or if earlier the date sent via certified mail.

Waiver of Notice. Any person entitled to notice hereunder may, by written form, waive such notice.

Information Confidential. As partial consideration for the granting of this Option, you agree that you will keep confidential all information and knowledge that you have relating to the manner and amount of your participation in the Plan; provided, however, that such information may be disclosed as required by law and may be given in confidence to your spouse, tax and financial advisors. In the event any breach of this promise comes to the attention of the Company, it shall take into consideration that breach in determining whether to recommend the grant of any future similar award to you, as a factor weighing against the advisability of granting any such future award to you.

Successors. This Agreement shall be binding upon you, your legal representatives, heirs, legatees and distributees, and upon the Company, its successors and assigns.

Severability. If any provision of this Agreement is held to be illegal or invalid for any reason, the illegality or invalidity shall not affect the remaining provisions hereof, but such provision shall be fully severable and this Agreement

shall be construed and enforced as if the illegal or invalid provision had never been included herein.

Company Action. Any action required of the Company shall be by resolution of the Board or by a person authorized to act by resolution of the Board.

Headings. The titles and headings of paragraphs are included for convenience of reference only and are not to be considered in construction of the provisions hereof.

Governing Law. All questions arising with respect to the provisions of this Agreement shall be determined by application of the laws of Delaware, without giving any effect to any conflict of law provisions thereof, except to the extent Delaware law is preempted by federal law. The obligation of the Company to sell and deliver Stock hereunder is subject to applicable laws and to the approval of any governmental authority required in connection with the authorization, issuance, sale, or delivery of such Stock.

Word Usage. Words used in the masculine shall apply to the feminine where applicable, and wherever the context of this Agreement dictates, the plural shall be read as the singular and the singular as the plural.

No Assignment. You may not assign this Agreement or any of your rights under this Agreement without the Company's prior written consent, and any purported or attempted assignment without such prior written consent shall be void.

Acknowledgements Regarding Section 409A and Section 422 of the Code. You understand that if the purchase price of the Stock under this Option is less than the Fair Market Value of such Stock on the date of grant of this Option, then you may incur adverse tax consequences under section 409A and Section 422 of the Code. You acknowledge and agree that (a) you are not relying upon any determination by the Company, its affiliates, or any of their respective employees, directors, officers, attorneys or agents (collectively, the "Company Parties") of the Fair Market Value of the Stock on the Date of Grant, (b) you are not relying upon any written or oral statement or representation of the Company Parties regarding the tax effects associated with your execution of this Agreement and your receipt, holding and exercise of this Option, and (c) in deciding to enter into this Agreement, you are relying on your own judgment and the judgment of the professionals of your choice with whom you have consulted. You hereby release, acquit and forever discharge the Company Parties from all actions, causes of actions, suits, debts, obligations, liabilities, claims, damages, losses, costs and expenses of any nature

whatsoever, known or unknown, on account of, arising out of, or in any way related to the tax effects associated with your execution of this Agreement and your receipt, holding and exercise of this Option.

Miscellaneous.

This Agreement is subject to all the terms, conditions, limitations and restrictions contained in the Plan. In the event of any conflict or inconsistency between the terms hereof and the terms of the Plan, the terms of the Plan shall be controlling.

The Option may be amended by the Board or by the Committee at any time if the Board or the Committee determines, in its sole discretion, that amendment is necessary or advisable in light of any addition to or change in any federal or state, tax or securities law or other law or regulation, which change occurs after the Date of Grant and by its terms applies to the Option; or other than in the circumstances described in clause (i) or provided in the Plan, with your consent.

If this Option is intended to be a incentive stock option designed pursuant to section 422 of the Code, then in the event the Option Shares (and all other options designed pursuant to section 422 of the Code granted to you by the Company or any parent of the Company or Subsidiary) that first become exercisable in any calendar year have an aggregate fair market value (determined for each Option Share as of the Date of Grant) that exceeds \$100,000, the Option Shares in excess of \$100,000 shall be treated as subject to a Nonstatutory Stock Option.

Please indicate your acceptance of all the terms and conditions of the Award, the Notice of Grant, this Agreement and the Plan by signing and returning a copy of the Award Letter.

ORION GROUP HOLDINGS, INC.,

a Delaware Corporation

By: /s/ Mark R. Stauffer

Name: Mark R. Stauffer

Title: President & CEO

Restricted Stock Agreement

ORION GROUP HOLDINGS, INC. LONG TERM INCENTIVE PLAN

RESTRICTED STOCK AGREEMENT

This Agreement is made and entered into as of the Date of Grant set forth in the Notice of Grant of Restricted Stock ("**Notice of Grant**") by and between Orion Group Holdings, Inc., a Delaware corporation (the "**Company**") and you;

WHEREAS, the Company in order to induce you to enter into and to continue and dedicate service to the Company and to materially contribute to the success of the Company agrees to grant you this Restricted Stock award;

WHEREAS, the Company adopted the Orion Group Holdings, Inc. Long Term Incentive Plan as it may be amended from time to time (the "**Plan**") under which the Company is authorized to grant Restricted Stock awards to certain employees and service providers of the Company;

WHEREAS, a copy of the Plan has been furnished to you and shall be deemed a part of this restricted stock award agreement ("**Agreement**") as if fully set forth herein and the terms capitalized but not defined herein shall have the meanings set forth in the Plan; and

WHEREAS, you desire to accept the Restricted Stock made award pursuant to this Agreement.

NOW, THEREFORE, in consideration of and mutual covenants set forth herein and for other valuable consideration hereinafter set forth, the parties agree as follows:

11. The Grant. Subject to the conditions set forth below, the Company hereby grants you effective as of the Date of Grant set forth in the Notice of Grant, as a matter of separate inducement but not in lieu of any salary or other compensation for your services for the Company, an award (the "**Award**") consisting of the aggregate number of shares of Stock (the "**Restricted Shares**") set forth in the Notice of Grant in accordance with the terms and conditions set forth herein and in the Plan.

12. Escrow of Restricted Shares. The Company shall evidence the Restricted Shares in the manner that it deems appropriate. The Company may issue in your name a certificate or certificates representing the Restricted Shares and retain that certificate or those certificates until the restrictions on such Restricted Shares expire as contemplated in Section 5 of this Agreement and described in the Notice of Grant or the Restricted Shares are forfeited as described in Sections 4 and 6 of this Agreement. If the Company certifies the Restricted Shares, you shall execute one or more stock powers in blank for those certificates and deliver those stock powers to the Company. The Company shall hold the Restricted Shares and the related stock powers pursuant to the terms of this Agreement, if applicable, until such time as (a) a certificate or certificates for the Restricted Shares are delivered

to you, (b) the Restricted Shares are otherwise transferred to you free of restrictions, or (c) the Restricted Shares are canceled and forfeited pursuant to this Agreement.

13. Ownership of Restricted Shares. From and after the time the Restricted Shares are issued in your name, you will be entitled to all the rights of absolute ownership of the Restricted Shares, including the right to vote those shares and to receive dividends thereon if, as, and when declared by the Board, subject, however, to the terms, conditions and restrictions set forth in this Agreement; provided, however, that each dividend payment will be made no later than the end of the calendar year in which the dividends are paid to the holders of Stock or, if later, the 15th day of the third month following the date the dividends are paid to the holders of Stock.

14. Restrictions; Forfeiture. The Restricted Shares are restricted in that they may not be sold, transferred or otherwise alienated or hypothecated until these restrictions are removed or expire as contemplated in Section 5 of this Agreement and as described in the Notice of Grant. The Restricted Shares are also restricted in the sense that they may be forfeited to the Company (the "**Forfeiture Restrictions**"). You hereby agree that if the Restricted Shares are forfeited, as provided in Section 6, the Company shall have the right to deliver the Restricted Shares to the Company's transfer agent for, at the Company's election, cancellation or transfer to the Company.

15. Expiration of Restrictions and Risk of Forfeiture. The restrictions on the Restricted Shares granted pursuant to this Agreement of this Agreement will expire and the Restricted Shares will become transferable, except to the extent provided in Section 13 of this Agreement and Section 10(a) of the Plan, and nonforfeitable as set forth in the Notice of Grant, provided that you remain in the employ of or a service provider to the Company or its Subsidiaries until the applicable dates set forth therein.

16. Termination of Services.

(a) Termination Generally. Subject to subsection (b), if your service relationship with the Company or any of its Subsidiaries is terminated for any reason, then those Restricted Shares for which the restrictions have not lapsed as of the date of termination shall become null and void and those Restricted Shares shall be forfeited to the Company. The Restricted Shares for which the restrictions have lapsed as of the date of such termination shall not be forfeited to the Company.

(b) Effect of Employment Agreement. Notwithstanding any provision herein to the contrary, in the event of any inconsistency between this Section 6 and any employment agreement entered into by and between you and the Company, the terms of the employment agreement shall control.

17. Election Under Section 83(b) of the Code. You understand that you should consult with your tax advisor regarding the advisability of filing with the Internal Revenue Service an election under section 83(b) of the Code with respect to the Restricted Shares for which the restrictions have not lapsed. This election must be filed no later than 30 days after Date of Grant set forth in the Notice of Grant of Restricted Stock (the "**Notice of Grant**"). This time period cannot be

extended. You acknowledge (a) that you have been advised to consult with a tax advisor regarding the tax consequences of the award of the Restricted Shares and (b) that timely filing of a section 83(b) election is your sole responsibility, even if you request the Company or its representative to file such election on your behalf.

18. Leave of Absence. With respect to the Award, the Company may, in its sole discretion, determine that if you are on leave of absence for any reason you will be considered to still be in the employ of or providing services for the Company, provided that rights to the Restricted Shares during a leave of absence will be limited to the extent to which those rights were earned or vested when the leave of absence began.

19. Delivery of Stock. Promptly following the expiration of the restrictions on the Restricted Shares as contemplated in Section 5 of this Agreement, the Company shall cause to be issued and delivered to you or your designee a certificate or other evidence of the number of Restricted Shares as to which restrictions have lapsed, free of any restrictive legend relating to the lapsed restrictions, upon receipt by the Company of any tax withholding as may be requested pursuant to Section 10. The value of such Restricted Shares shall not bear any interest owing to the passage of time.

20. Payment of Taxes. The Company may require you to pay to the Company (or the Company's Subsidiary if you are an employee of a Subsidiary of the Company), an amount the Company deems necessary to satisfy its or its Subsidiary's current or future obligation to withhold federal, state or local income or other taxes that you incur as a result of the Award. With respect to any required tax withholding, you may (a) direct the Company to withhold from the shares of Stock to be issued to you under this Agreement the number of shares necessary to satisfy the Company's obligation to withhold taxes; which determination will be based on the shares' Fair Market Value at the time such determination is made; (b) deliver to the Company shares of Stock sufficient to satisfy the Company's tax withholding obligations, based on the shares' Fair Market Value at the time such determination is made; or (c) deliver cash to the Company sufficient to satisfy its tax withholding obligations. If you desire to elect to use the stock withholding option described in subparagraph (a), you must make the election at the time and in the manner the Company prescribes. The Company, in its discretion, may deny your request to satisfy its tax withholding obligations using a method described under subparagraph (a) or (b). In the event the Company determines that the aggregate Fair Market Value of the shares of Stock withheld as payment of any tax withholding obligation is insufficient to discharge that tax withholding obligation, then you must pay to the Company, in cash, the amount of that deficiency immediately upon the Company's request.

21. Compliance with Securities Law. Notwithstanding any provision of this Agreement to the contrary, the issuance of Stock (including Restricted Shares) will be subject to compliance with all applicable requirements of federal, state, or foreign law with respect to such securities and with the requirements of any stock exchange or market system upon which the Stock may then be listed. No Stock will be issued hereunder if such issuance would constitute a violation of any

applicable federal, state, or foreign securities laws or other law or regulations or the requirements of any stock exchange or market system upon which the Stock may then be listed. In addition, Stock will not be issued hereunder unless a. a registration statement under the Securities Act of 1933, as amended (the "Act"), is at the time of issuance in effect with respect to the shares issued or b. in the opinion of legal counsel to the Company, the shares issued may be issued in accordance with the terms of an applicable exemption from the registration requirements of the Act. The inability of the Company to obtain from any regulatory body having jurisdiction the authority, if any, deemed by the Company's legal counsel to be necessary to the lawful issuance and sale of any shares subject to the Award will relieve the Company of any liability in respect of the failure to issue such shares as to which such requisite authority has not been obtained. As a condition to any issuance hereunder, the Company may require you to satisfy any qualifications that may be necessary or appropriate to evidence compliance with any applicable law or regulation and to make any representation or warranty with respect to such compliance as may be requested by the Company. From time to time, the Board and appropriate officers of the Company are authorized to take the actions necessary and appropriate to file required documents with governmental authorities, stock exchanges, and other appropriate Persons to make shares of Stock available for issuance.

22. Stockholders Agreement. The Committee may, in its sole discretion, condition the delivery of Stock subject to this Award upon your entering into a stockholders' agreement in such form as approved from time to time by the Board.

23. Legends. The Company may at any time place legends referencing any restrictions imposed on the shares pursuant to Sections 4 and 11 of this Agreement on all certificates representing shares issued with respect to this Award.

24. Right of the Company and Subsidiaries to Terminate Services. Nothing in this Agreement confers upon you the right to continue in the employ of or performing services for the Company or any Subsidiary, or interfere in any way with the rights of the Company or any Subsidiary to terminate your employment or service relationship at any time.

25. Furnish Information. You agree to furnish to the Company all information requested by the Company to enable it to comply with any reporting or other requirements imposed upon the Company by or under any applicable statute or regulation.

26. Remedies. The parties to this Agreement shall be entitled to recover from each other reasonable attorneys' fees incurred in connection with the successful enforcement of the terms and provisions of this Agreement whether by an action to enforce specific performance or for damages for its breach or otherwise.

27. No Liability for Good Faith Determinations. The Company and the members of the Board shall not be liable for any act, omission or determination

taken or made in good faith with respect to this Agreement or the Restricted Shares granted hereunder.

28. Execution of Receipts and Releases. Any payment of cash or any issuance or transfer of shares of Stock or other property to you, or to your legal representative, heir, legatee or distributee, in accordance with the provisions hereof, shall, to the extent thereof, be in full satisfaction of all claims of such Persons hereunder. The Company may require you or your legal representative, heir, legatee or distributee, as a condition precedent to such payment or issuance, to execute a release and receipt therefor in such form as it shall determine.

29. No Guarantee of Interests. The Board and the Company do not guarantee the Stock of the Company from loss or depreciation.

30. Company Records. Records of the Company or its Subsidiaries regarding your period of service, termination of service and the reason(s) therefor, leaves of absence, re-employment, and other matters shall be conclusive for all purposes hereunder, unless determined by the Company to be incorrect.

31. Notice. All notices required or permitted under this Agreement must be in writing and personally delivered or sent by mail and shall be deemed to be delivered on the date on which it is actually received by the person to whom it is properly addressed or if earlier the date it is sent via certified United States mail.

32. Waiver of Notice. Any person entitled to notice hereunder may waive such notice in writing.

33. Information Confidential. As partial consideration for the granting of the Award hereunder, you hereby agree to keep confidential all information and knowledge, except that which has been disclosed in any public filings required by law, that you have relating to the terms and conditions of this Agreement; provided, however, that such information may be disclosed as required by law and may be given in confidence to your spouse and tax and financial advisors. In the event any breach of this promise comes to the attention of the Company, it shall take into consideration that breach in determining whether to recommend the grant of any future similar award to you, as a factor weighing against the advisability of granting any such future award to you.

34. Successors. This Agreement shall be binding upon you, your legal representatives, heirs, legatees and distributees, and upon the Company, its successors and assigns.

35. Severability. If any provision of this Agreement is held to be illegal or invalid for any reason, the illegality or invalidity shall not affect the remaining provisions hereof, but such provision shall be fully severable and this Agreement shall be construed and enforced as if the illegal or invalid provision had never been included herein.

36. Company Action. Any action required of the Company shall be by resolution of the Board or by a person or entity authorized to act by resolution of the Board.

37. Headings. The titles and headings of Sections are included for convenience of reference only and are not to be considered in construction of the provisions hereof.

38. Governing Law. All questions arising with respect to the provisions of this Agreement shall be determined by application of the laws of Delaware, without giving any effect to any conflict of law provisions thereof, except to the extent Delaware law is preempted by federal law. The obligation of the Company to sell and deliver Stock hereunder is subject to applicable laws and to the approval of any governmental authority required in connection with the authorization, issuance, sale, or delivery of such Stock.

39. Amendment. This Agreement may be amended the Board or by the Committee at any time (a) if the Board or the Committee determines, in its sole discretion, that amendment is necessary or advisable in light of any addition to or change in any federal or state, tax or securities law or other law or regulation, which change occurs after the Date of Grant and by its terms applies to the Award; or (b) other than in the circumstances described in clause (a) or provided in the Plan, with your consent.

40. The Plan. This Agreement is subject to all the terms, conditions, limitations and restrictions contained in the Plan.

Please indicate your acceptance of all the terms and conditions of the Award, this Agreement and the Plan by signing and returning a copy of the Award Letter.

ORION GROUP HOLDINGS, INC.,
a Delaware Corporation

By: /s/ Mark R. Stauffer
Name: Mark R. Stauffer
Title: President & CEO

Performance Stock Agreement
LONG TERM INCENTIVE PLAN
Of
ORION GROUP HOLDINGS, INC.

This Agreement is made and entered into as of the Date of Grant set forth in the Notice of Grant of Performance Stock ("Notice of Grant") by and between Orion Group Holdings, Inc., a Delaware corporation (the "Company") and you;

WHEREAS, the Company in order to induce you to enter into and to continue and dedicate service to the Company and to materially contribute to the success of the Company agrees to grant you this award;

WHEREAS, the Company adopted the Long Term Incentive Plan of Orion Group Holdings, Inc. as it may be amended from time to time (the "Plan") under which the Company is authorized to grant Restricted Stock awards to certain employees and service providers of the Company, including awards of Restricted Stock the vesting of which is contingent upon the achievement of performance conditions;

WHEREAS, a copy of the Plan has been furnished to you and shall be deemed a part of this performance stock award agreement ("Agreement") as if fully set forth herein and the terms capitalized but not defined herein shall have the meanings set forth in the Plan or in the Notice of Grant, as applicable; and

WHEREAS, you desire to accept the Performance Shares made award pursuant to this Agreement.

NOW, THEREFORE, in consideration of and mutual covenants set forth herein and for other valuable consideration hereinafter set forth, the parties agree as follows:

1. The Grant. Subject to the conditions set forth below, the Company hereby grants you effective as of the Date of Grant set forth in the Notice of Grant, as a matter of separate inducement but not in lieu of any salary or other compensation for your services for the Company, an award (the "Award") consisting of the aggregate number of shares of Stock (the "Performance Shares") set forth in the Notice of Grant in accordance with the terms and conditions set forth herein and in the Plan.

2. Escrow of Performance Shares. The Company shall evidence the Performance Shares in the manner that it deems appropriate. The Company may issue in your name a certificate or certificates representing the Performance Shares and retain that certificate or those certificates until the restrictions on such Performance Shares expire as contemplated in Section 5 of this Agreement and described in the Notice of Grant or the Performance Shares are forfeited as described in Sections 4 and 6 of this Agreement. If the Company certifies the Performance Shares, you shall execute one or more stock powers in blank for those certificates and deliver those stock powers to the Company. The Company shall hold the Performance Shares and the related stock powers pursuant to the terms of this Agreement, if applicable, until such time as (a) a certificate or certificates for the Performance Shares are delivered to you, (b) the Performance Shares are otherwise transferred to you free of restrictions, or (c) the Performance Shares are canceled and forfeited pursuant to this Agreement.

3. Ownership of Performance Shares. From and after the time the Performance Shares are issued in your name, you will be entitled to all the rights of absolute ownership of the Performance Shares, including the right to vote those shares and to receive dividends thereon if, as, and when declared by the Board, subject, however, to the terms, conditions and restrictions set forth in this Agreement; provided, however, that each dividend payment will be made no later than the end of the calendar year in which the dividends are paid to the holders of Stock or, if later, the 15th day of the third month following the date the dividends are paid to the holders of Stock.

4. Restrictions; Forfeiture. The Performance Shares are restricted in that they may not be sold, transferred or otherwise alienated or hypothecated until these restrictions are removed or expire as contemplated in Section 5 of this Agreement and as described in the Notice of Grant. The Performance Shares are also restricted in the sense that they may be forfeited to the Company (the "**Forfeiture Restrictions**"). You hereby agree that if the Performance Shares are forfeited, as provided in Section 6 or in the Notice of Grant, the Company shall have the right to deliver the Performance Shares to the Company's transfer agent for, at the Company's election, cancellation or transfer to the Company.

5. Expiration of Restrictions and Risk of Forfeiture. The restrictions on the Performance Shares granted pursuant to this Agreement of this Agreement will expire and the Performance Shares will become transferable, except to the extent provided in Section 13 of this Agreement, and nonforfeitable as set forth in the Notice of Grant, provided that the Performance Criteria is achieved, as determined by the Committee, and you remain in the employ of or a service provider to the Company or its Subsidiaries until the Vesting Date.

6. Termination of Services.

(a) Termination Generally. Subject to subsection (b), if your service relationship with the Company or any of its Subsidiaries is terminated for any reason, then those Performance Shares for which the restrictions have not lapsed as of the date of termination shall become null and void and those Performance Shares shall be forfeited to the Company.

(b) Effect of Employment Agreement. Notwithstanding any provision herein to the contrary, in the event of any inconsistency between this Section 6 and any employment agreement entered into by and between you and the Company, the terms of the employment agreement shall control.

7. Election Under Section 83(b) of the Code. You understand that you should consult with your tax advisor regarding the advisability of filing with the Internal Revenue Service an election under section 83(b) of the Code with respect to the Performance Shares for which the restrictions have not lapsed. This election must be filed no later than 30 days after Date of Grant set forth in the Notice of Grant of Performance Stock (the "**Notice of Grant**"). This time period cannot be extended. You acknowledge (a) that you have been advised to consult with a tax advisor regarding the tax consequences of the award of the Performance Shares and (b) that timely filing of a section 83(b) election is your sole responsibility, even if you request the Company or its representative to file such election on your behalf.

8. Leave of Absence. With respect to the Award, the Company may, in its sole discretion, determine that if you are on leave of absence for any reason you will be considered to still be in the employ of or providing services for the Company, provided that rights to the Performance Shares during a leave of absence will be limited to the extent to which those rights were earned or vested when the leave of absence began.

9. Delivery of Stock. Promptly following the expiration of the restrictions on the Performance Shares as contemplated in Section 5 of this Agreement, the Company shall cause to be issued and delivered to you or your designee a certificate or other evidence of the number of Performance Shares as to which restrictions have lapsed, free of any restrictive legend relating to the lapsed restrictions, upon receipt by the Company of any tax withholding as may be requested pursuant to Section 10. The value of such Performance Shares shall not bear any interest owing to the passage of time.

10. Payment of Taxes. The Company may require you to pay to the Company (or the Company's Subsidiary if you are an employee of a Subsidiary of the Company), an amount the Company deems necessary to satisfy its or its Subsidiary's current or future obligation to withhold federal, state or local income or other taxes that you incur as a result of the Award. With respect to any required tax withholding, you may (a) direct the Company to withhold from the shares of Stock to be issued to you under this Agreement the number of shares necessary to satisfy the Company's obligation to withhold taxes; which determination will be based on the shares' Fair Market Value at the time such determination is made; (b) deliver to the Company shares of Stock sufficient to satisfy the Company's tax withholding obligations, based on the shares' Fair Market Value at the time such

determination is made; or (c) deliver cash to the Company sufficient to satisfy its tax withholding obligations. If you desire to elect to use the stock withholding option described in subparagraph (a), you must make the election at the time and in the manner the Company prescribes. The Company, in its discretion, may deny your request to satisfy its tax withholding obligations using a method described under subparagraph (a) or (b). In the event the Company determines that the aggregate Fair Market Value of the shares of Stock withheld as payment of any tax withholding obligation is insufficient to discharge that tax withholding obligation, then you must pay to the Company, in cash, the amount of that deficiency immediately upon the Company's request.

11. Compliance with Securities Law. Notwithstanding any provision of this Agreement to the contrary, the issuance of Stock (including Performance Shares) will be subject to compliance with all applicable requirements of federal, state, or foreign law with respect to such securities and with the requirements of any stock exchange or market system upon which the Stock may then be listed. No Stock will be issued hereunder if such issuance would constitute a violation of any applicable federal, state, or foreign securities laws or other law or regulations or the requirements of any stock exchange or market system upon which the Stock may then be listed. In addition, Stock will not be issued hereunder unless a. a registration statement under the Securities Act of 1933, as amended (the "Act"); is at the time of issuance in effect with respect to the shares issued or b. in the opinion of legal counsel to the Company, the shares issued may be issued in accordance with the terms of an applicable exemption from the registration requirements of the Act. The inability of the Company to obtain from any regulatory body having jurisdiction the authority, if any, deemed by the Company's legal counsel to be necessary to the lawful issuance and sale of any shares subject to the Award will relieve the Company of any liability in respect of the failure to issue such shares as to which such requisite authority has not been obtained. As a condition to any issuance hereunder, the Company may require you to satisfy any qualifications that may be necessary or appropriate to evidence compliance with any applicable law or regulation and to make any representation or warranty with respect to such compliance as may be requested by the Company. From time to time, the Board and appropriate officers of the Company are authorized to take the actions necessary and appropriate to file required documents with governmental authorities, stock exchanges, and other appropriate Persons to make shares of Stock available for issuance.

12. Stockholders Agreement. The Committee may, in its sole discretion, condition the delivery of Stock subject to this Award upon your entering into a stockholders' agreement in such form as approved from time to time by the Board.

13. Legends. The Company may at any time place legends referencing any restrictions imposed on the shares pursuant to Sections 4 and 11 of this Agreement on all certificates representing shares issued with respect to this Award.

14. Right of the Company and Subsidiaries to Terminate Services. Nothing in this Agreement confers upon you the right to continue in the employ of or performing services for the Company or any Subsidiary, or interfere in any way with the rights of the Company or any Subsidiary to terminate your employment or service relationship at any time.

15. Furnish Information. You agree to furnish to the Company all information requested by the Company to enable it to comply with any reporting or other requirements imposed upon the Company by or under any applicable statute or regulation.

16. No Remedies. The parties to this Agreement shall be entitled to recover from each other reasonable attorneys' fees incurred in connection with the successful enforcement of the terms and provisions of this Agreement whether by an action to enforce a specific restriction or for damages for its breach or otherwise.

17. No Liability for Good Faith Determinations. The Company and the members of the Board shall not be liable for any act, omission or determination taken or made in good faith with respect to this Agreement or the Performance Shares granted hereunder.

18. Execution of Receipts and Releases. Any payment of cash or any issuance or transfer of shares of Stock or other property to you, or to your legal representative, heir, legatee or distributee, in accordance with the provisions hereof, shall, to the extent thereof, be in full

satisfaction of all claims of such Persons hereunder. The Company may require you or your legal representative, heir, legatee or distributee, as a condition precedent to such payment or issuance, to execute a release and receipt therefor in such form as it shall determine.

19. No Guarantee of Interests. The Board and the Company do not guarantee the Stock of the Company from loss or depreciation.

20. Company Records. Records of the Company or its Subsidiaries regarding your period of service, termination of service and the reason(s) therefor, leaves of absence, re-employment, and other matters shall be conclusive for all purposes hereunder, unless determined by the Company to be incorrect.

21. Notice. All notices required or permitted under this Agreement must be in writing and personally delivered or sent by mail and shall be deemed to be delivered on the date on which it is actually received by the person to whom it is properly addressed or if earlier the date it is sent via certified United States mail.

22. Waiver of Notice. Any person entitled to notice hereunder may waive such notice in writing.

23. Information Confidential. As partial consideration for the granting of the Award hereunder, you hereby agree to keep confidential all information and knowledge, except that which has been disclosed in any public filings required by law, that you have relating to the terms and conditions of this Agreement; provided, however, that such information may be disclosed as required by law and may be given in confidence to your spouse and tax and financial advisors. In the event any breach of this promise comes to the attention of the Company, it shall take into consideration that breach in determining whether to recommend the grant of any future similar award to you, as a factor weighing against the advisability of granting any such future award to you. For the avoidance of doubt, the Company does not intend for this Section to be interpreted or applied in any way that restricts, restrains, interferes with or coerces employees' exercise of rights guaranteed under Section 7 of the U.S. National Labor Relations Act. You can learn about those rights under the National Labor Relations Act by linking to www.nlr.gov or by contacting a member of the Company's Human Resources Department. Nothing in this Section is intended to, nor does it, preclude you from reporting possible violations of applicable law to any governmental agency or entity.

24. Successors. This Agreement shall be binding upon you, your legal representatives, heirs, legatees and distributees, and upon the Company, its successors and assigns.

25. Severability. If any provision of this Agreement is held to be illegal or invalid for any reason, the illegality or invalidity shall not affect the remaining provisions hereof, but such provision shall be fully severable and this Agreement shall be construed and enforced as if the illegal or invalid provision had never been included herein.

26. Company Action. Any action required of the Company shall be by resolution of the Board or by a person or entity authorized to act by resolution of the Board.

27. Headings. The titles and headings of Sections are included for convenience of reference only and are not to be considered in construction of the provisions hereof.

28. Governing Law. All questions arising with respect to the provisions of this Agreement shall be determined by application of the laws of Delaware, without giving any effect to any conflict of law provisions thereof, except to the extent Delaware law is preempted by federal law. The obligation of the Company to sell and deliver Stock hereunder is subject to applicable laws and to the approval of any governmental authority required in connection with the authorization, issuance, sale, or delivery of such Stock.

29. Amendment. This Agreement may be amended the Board or by the Committee at any time (a) if the Board or the Committee determines, in its sole discretion, that amendment is necessary or advisable in light of any addition to or change in any federal or state, tax or securities law or other law or regulation, which change occurs after the Date of Grant and by its terms applies

to the Award; or (b) other than in the circumstances described in clause (a) or provided in the Plan, with your consent.

30. The Plan. This Agreement is subject to all the terms, conditions, limitations and restrictions contained in the Plan and the Notice of Grant.

Please indicate your acceptance of all the terms and conditions of the Award, the Notice of Grant, this Agreement and the Plan by signing and returning a copy of the Award Letter.

ORION GROUP HOLDINGS, INC.,
a Delaware Corporation

By: /s/ Mark R. Stauffer
Name: Mark R. Stauffer
Title: President & CEO

Orion Group Holdings, Inc.
Summary of Non-Employee Director Compensation Arrangements
as of December 31, 2018

For service as a non-employee director, compensation consists of cash and equity compensation as follows:

Board of Directors

Cash Compensation:

- Annual cash retainer of \$50,000 to each member
- Additional cash retainer of \$70,000 for Board Chair

Equity Compensation:

- Annual equity grant with a grant date value of \$90,000

Audit Committee

- Annual cash committee retainers— \$20,000 for chair, \$14,000 for each other member

Compensation Committee

- Annual cash committee retainers— \$20,000 for chair, \$14,000 for each other member

Nominating & Corporate Governance Committee

- Annual cash committee retainers— \$16,000 for chair, \$14,000 for each other member

EMPLOYMENT AGREEMENT

ROBERT L. TABB

This **Employment Agreement** (this "Agreement") is entered into effective as of **September 30, 2015** (the "**Effective Date**"), by and between **Orion Marine Group, Inc.,** a Delaware corporation (the "**Company**"), and **Robert L. Tabb** (the "**Key Employee**").

WITNESSETH:

WHEREAS, the Company has identified you as a Key Employee who is an integral part of the Company's operation and management;

WHEREAS, the Company recognizes your efforts as a Key Employee and desires to reward those efforts to protect and enhance the best interests of the Company; and

NOW, THEREFORE, in consideration of the foregoing and of the respective covenants and agreements set forth below, the parties hereto agree as follows:

ARTICLE I DEFINITIONS AND INTERPRETATIONS

1.1 Definitions.

(a) "**Base Salary**" means the Key Employee's base salary described in Section 2.3(a), as such base salary may be increased (but not decreased) by the Company from time to time.

(b) "**Board**" means the Board of Directors of the Company.

(c) "**Cause**" means:

(i) A material breach by Key Employee of Section 3.7 of this Agreement (regarding the noncompetition and confidentiality provisions);

(ii) The commission of a criminal act by Key Employee against the Company, including but not limited to fraud, embezzlement or theft;

(iii) The conviction, plea of no contest or nolo contendere, deferred adjudication or unadjudicated probation of Key Employee for any felony or any crime involving moral turpitude; or

(iv) Key Employee's failure or refusal to carry out, or comply with, in any material respect, any lawful directive of the Board consistent with the terms of the Agreement which is not remedied within 30 days after Key Employee's receipt of written notice from the Company,

(d) "**Code**" means the Internal Revenue Code of 1986, as amended.

(e) **"Disability"** means a Key Employee's disability within the meaning of the Company's long-term disability plan. In the event of a dispute between the parties as to whether the Key Employee is disabled, whether Key Employee is disabled will be determined by the mutual agreement of a physician selected by the Company or its insurers (the **"Company Physician"**) and a physician selected by Key Employee (**"Key Employee's Physician"**). In the event that the Company Physician and Key Employee's Physician cannot agree on whether Key Employee is Disabled, such determination will be made by a third physician who is jointly selected by the Company Physician and Key Employee's Physician.

(f) **"Good Reason"** means:

(i) a material breach of Section 2.3, including but not limited to reduction of any component of Key Employee's compensation set forth in Section 2.3(a) or (b) without Key Employee's consent; provided, however, that a reduction of Key Employee's compensation set forth in Section 2.3(b) with respect to bonuses shall mean the elimination of Key Employee's ability to earn a bonus or a reduction in the percentage of Base Salary Key Employee is eligible to earn as a bonus,

(ii) a material reduction of Key Employee's title, duties or responsibilities (without the Key Employee's consent) from those in effect as of the Effective Date or as subsequently agreed to by Key Employee and the Company; or

(iii) the relocation of the Key Employee's primary work site to a location greater than 25 miles from the Key Employee's work site as of the Effective Date.

(g) **"Nonqualified Deferred Compensation Rules"** means the limitations or requirements of Section 409A of the Code and the regulations promulgated thereunder.

(h) **"Restricted Period"** means the twelve month period immediately following Employee's last day of employment under this Agreement.

(i) **"Without Cause"** means termination by the Company of Key Employee's employment at the Company's sole discretion for any reason, other than by reason of Key Employee's death or Disability, and other than a termination based upon Cause.

1.2 Interpretations. In this Agreement, unless a clear contrary intention appears, (a) the words "herein," "hereof" and "hereunder" and other words of similar import refer to this Agreement as a whole and not to any particular Article, Section or other subdivision; (b) reference to any Article or Section, means such Article or Section hereof; and (c) the word "including" (and with correlative meaning "include") means including, without limiting the generality of any description preceding such term.

ARTICLE II

EMPLOYMENT AND DUTIES

2.1 Term. The term of this Agreement will commence on the Effective Date of this Agreement and end on **September 30, 2017** (the "**Initial Term**"). The Agreement may be extended for an additional two year period at the end of the Initial Term (the "**Renewal Term**")

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upon mutual agreement of the parties entered into not less than 60 days prior to the expiration of the Initial Term. Notwithstanding any other provision of this Agreement, Key Employee's employment pursuant to this Agreement may be terminated at any time in accordance with ARTICLE III. The period from the Effective Date through the expiration of this Agreement, including the Renewal Term, or, if sooner, the termination of Employee's employment pursuant to this Agreement, regardless of the time or reason for such termination, shall be referred to herein as the "**Employment Period**."

2.2 Position, Duties and Services. The Key Employee will have such duties and powers as will be determined from time to time by the Company's Vice President and Chief Financial Officer consistent therewith. The Key Employee will perform diligently and to the best of his abilities such duties. The Key Employee's employment will be subject to the supervision and direction of the Company's Vice President and Chief Financial Officer.

2.3 Compensation.

(a) Base Salary. During the Employment Period, Key Employee will receive an initial Base Salary at the rate of **One Hundred and Seventy Eight Thousand Six Hundred and 00/100 Dollars (\$178,600.00)** per annum payable in periodic installments in accordance with the Company's normal payroll practices and procedures, which base salary may be increased (but not decreased) by the Company from time to time.

(b) Bonuses and Perquisites. During the Employment Period, Key Employee will be entitled to bonuses and perquisites as determined by the Board in its good faith discretion.

(c) Car Allowance. During the Employment Period, Key Employee will be entitled to a monthly car allowance of \$950.00 which car allowance may be increased (but not decreased) by the Company from time to time..

(d) Incentive, Savings, Profit Sharing, and Retirement Plans. During the Employment Period, Key Employee will be entitled to participate in all incentive (including but not limited to equity grants), savings, profit sharing and retirement plans, practices, policies and programs applicable generally, from time to time, to other similarly situated executives of the Company.

(e) Welfare Benefit Plans. During the Employment Period Key Employee and/or Key Employee's family, as the case may be, will be eligible for participation in and will receive all benefits under the welfare benefit plans, practices, policies and programs applicable generally, from time to time, to other similarly situated executives of the Company.

(f) Expenses. During the Employment Period, Key Executive shall be entitled to receive reimbursement for all reasonable business expenses, including, but not limited to, those expenses expressly provided for in this Agreement, incurred by the Key Executive in accordance with the policies, practices and procedures of the Company. All such expenses are to be reimbursed to Key Executive in accordance with the Company's policies and procedures for reimbursing expenses, but in no event shall any reimbursement payment be paid to Key Executive following the last day of the calendar year following the calendar year in which the expense was incurred. The amount of expenses for which Key Executive is eligible to receive reimbursement during any

calendar year shall not affect the amount of expenses for which Key Executive is eligible to receive reimbursement during any other calendar year during the term of this Agreement. Any reimbursement payable in accordance with this Section 2.3(f) will not be subject to liquidation or

exchange for another benefit.

2.4 Severance Benefit. Key Employee will be entitled to receive the severance benefits described in ARTICLE III upon his termination of employment during the term of this Agreement described in Section 2.1 provided he satisfies the requirements outlined in ARTICLE III

ARTICLE III EARLY TERMINATION

3.1 Death. Upon the death of Key Employee during the Employment Period, this Agreement will terminate and Key Employee's estate will be entitled to (a) payment of his Base Salary through the date of such termination, (b) any benefits accrued up to the date of his death payable pursuant to the terms of the benefit plans specified in Section 2.3 in which Key Employee is a participant, and (c) reimbursement of any outstanding expense eligible for reimbursement.

3.2 Disability. In the event of Key Employee's Disability during the Employment Period, the Company may terminate Key Employee's employment in which case this Agreement will terminate and Key Employee will be entitled to payment of the following benefits: (a) his Base Salary through the date of such termination; (b) long-term disability benefits pursuant to the terms of any long-term disability policy provided to similarly situated employees of the Company in which Key Employee has elected to participate; (c) payment of any benefits payable pursuant to the terms of the benefit plans specified in Section 2.3 in which Key Employee is a participant, and (d) reimbursement of any outstanding expense eligible for reimbursement.

3.3 Termination for Cause or Voluntary Resignation by Key Employee Without Good Reason. If Key Employee's employment is terminated during the term of this Agreement for Cause or if Key Employee voluntarily resigns from the employment of the Company without Good Reason, then Key Employee will be entitled to receive: (a) his Base Salary in effect at the time notice of termination is given through the date of termination, (b) payment of any benefits payable pursuant to the terms of the benefit plans specified in Section 2.3 in which Key Employee is a participant, and (c) reimbursement of any outstanding expense eligible for reimbursement (such amounts and benefits in clauses (a), (b), and (c) the "Accrued Obligations")

3.4 Termination Without Cause or for Good Reason If the Key Employee's employment is terminated during the term of this Agreement by the Company Without Cause or if Key Employee terminates his employment with the Company during the term of this Agreement for Good Reason, Key Employee will be entitled to receive (a) the Accrued Obligations; (b) continued payment of Key Employee's Base Salary for a period of twelve (12) months, in accordance with the Company's standard payroll practices; (c) monthly payment for a period of twelve (12) months of \$2,500 to cover transitional expenses; (d) monthly payment for a period of twelve months of an amount equal to Key Employee's monthly child allowance; plus (e) a lump sum payment equal to the most recent bonus awarded to Key Employee pursuant to the Executive Bonus Plan or any predecessor or replacement plan. Subject to Section 3.9, the payments and

benefits described in this Section 3.4 shall begin or shall be paid, as applicable to the form of payment described above for each payment or benefit, to Key Employee on the sixtieth day immediately following the Key Employee's termination of employment.

3.5 Termination of Company's Obligations. Upon termination of Key Employee's employment for any reason, the Company's obligations under this Agreement will terminate and Key Employee **will** be entitled to no compensation and benefits under this Agreement other than that provided in this ARTICLE III. Notwithstanding such termination, the parties' obligations under this ARTICLE III, including Section 3.8, will remain in full force and effect.

3.6 Release. Notwithstanding the foregoing provisions of this Section 3.6, Key Employee will be entitled to the additional benefits specified in Section 3.4 (regarding termination Without Cause or for Good Reason) (i.e., those in addition to the payment of his Base Salary through the date of termination and any benefits payable pursuant to the terms of the benefit plans specified in Section 2.3 in which Key Employee is a participant), only upon his execution (and non-revocation) of a waiver and release of all claims in substantially the same form attached hereto as Exhibit "A." Such waiver and release document must be executed and delivered to the appropriate Company representative on or before the fiftieth (50th) day period immediately following Key Employee's termination of employment.

3.7 Non-Competition, Confidentiality.

(a) Agreement not to Compete. In consideration of the Company's promise to provide Key Employee with Confidential Information, as defined in Section 3.7(b), the other mutual promises contained in this Agreement, and Key Employee's employment with the Company, and so as to enforce Key Employee's promises regarding Confidential Information contained in Section 3.7(b) of this Agreement, Key Employee agrees that in the event his employment with the Company is terminated for any reason whatsoever, Key Employee will not, during the Restricted Period (extended by any period of time during which Key Employee is in violation of this Section 3.7), directly or indirectly, carry on or conduct, in competition with the Company or its subsidiaries or affiliates, any business of the nature in which the Company or its subsidiaries or affiliates are then engaged in any geographical area in which the Company or its subsidiaries or affiliates engage in business at the time of such termination or in which any of them, prior to termination of Key Employee's employment, evidenced in writing, at any time during the six month period prior to such termination, an intention to engage in such business. Key Employee agrees that he will not so conduct or engage in any such business either as an individual on his own account or as a partner or joint venturer or as a Key Employee, agent, lender, financier, consultant or salesman for any other person or entity, or as an officer or director of a corporation or as a shareholder in a corporation of which he will then own 10% or more of any class of stock, or as a manager of a limited liability company or as a member of a limited liability company of which he will then own 10% or more of any class of membership interest.

(b) Confidential Information. The Company makes a binding promise not conditioned upon continued employment to provide Key Employee with certain Confidential Information above and beyond any Confidential Information Key Employee may have previously received. Key Employee will not, directly or indirectly, at any time following termination of his employment with the Company, reveal, divulge or make known to any person or entity, or use for

Key Employee's personal benefit (including, without limitation, for the purpose of soliciting business, whether or not competitive with any business of the Company or any of its subsidiaries or affiliates), any information acquired during the Employment Period with regard to the financial, business or other affairs of the Company or any of its subsidiaries or affiliates (including, without limitation, any list or record of persons or entities with which the Company or any of its subsidiaries or affiliates has any dealings), other than (i) information already in the public domain;

(ii) information of a type not considered confidential by persons engaged in the same business or a business similar to that conducted by the Company or its subsidiaries and affiliates; or (iii) information that Key Employee is required to disclose under the following circumstances: (A) at the express direction of any authorized governmental entity; (B) pursuant to a subpoena or other court process; (C) as otherwise required by law or the rules, regulations, or orders of any applicable regulatory body; or (D) as otherwise necessary, in the opinion of counsel for Key Employee, to be disclosed by Key Employee in connection with any legal action or proceeding involving Key Employee and the Company or any subsidiary or affiliate of the Company in his capacity as an employee, officer, director, or stockholder of the Company or any subsidiary or affiliate of the Company. Key Employee will, at any time requested by the Company (either during or within two years after his employment with the Company), promptly deliver to the Company all memoranda, notes, reports, lists and other documents (and all copies thereof) relating to the business of the Company or any of its subsidiaries and affiliates which he may then possess or have under his control.

(c) Reasonableness of Restrictions. Key Employee acknowledges that the geographic boundaries, scope of prohibited activities, and time duration set forth in this Section 3.7 are reasonable in nature and are no broader than are necessary to maintain the confidentiality and the goodwill of the Company and the confidentiality of its Confidential Information and to protect the legitimate business interests of the Company, and that the enforcement of such provisions would not cause Key Employee any undue hardship nor unreasonably interfere with Key Employee's ability to earn a livelihood. If any court determines that any portion of this Section 3.7 is invalid or unenforceable, the remainder of this Section 3.7 will not thereby be affected and will be given full effect without regard to the invalid provisions. If any court construes any of the provisions of this Section 3.7, or any part thereof, to be unreasonable because of the duration or scope of such provision, such court will have the power to reduce the duration or scope of such provision and to enforce such provision as so reduced.

(d) Enforcement. Upon Key Employee's employment with an entity that is both (i) not a subsidiary or affiliate of the Company and (ii) potentially engaged in competition with the Company (a "**Successor Employer**") during the period that the provisions of this Section 3.7 remain in effect, Key Employee will provide such Successor Employer with a copy of this Agreement and will notify the Company of such employment within 30 days thereof. Key Employee agrees that in the event of a breach of the terms and

conditions of this Section 3.7 by Key Employee, the Company will be entitled, if it so elects, to institute and prosecute proceedings, either **in** law or in equity, against Key Employee, to obtain damages for any such breach, or to enjoin Key Employee from any conduct in violation of this Section 3.7.

3.8 Parachute Payments. Notwithstanding anything to the contrary in this Agreement, if Key Employee is a "disqualified individual" (as defined in Section 280G(c) of the Code), and the benefits provided for in this ARTICLE III, together with any other payments and

benefits which Key Employee has the right to receive from the Company would constitute a "parachute payment" (as defined in Section 280G(b)(2) of the Code), then the benefits provided hereunder (beginning with any benefit to be paid in cash hereunder) will be reduced (but not below zero) so that the present value of such total amounts and benefits received by Key Employee will be \$1.00 less than three times Key Employee's "base amount," (as defined in Section 280G(b)(3) of the Code) and so that no portion of such amounts and benefits received by Key Employee will be subject to the excise tax imposed by Section 4999 of the Code. The determination as to whether such a reduction in the amount of the benefits provided hereunder is necessary will be made by the Board in good faith. If a reduced cash payment is made and through one or otherwise that payment, when aggregated with other payments and benefits from the Company used in determining if a "parachute payment" exists, exceeds \$1.00 less than three times the Key Employee's base amount, then Key Employee will immediately repay such excess to the Company upon notification that an overpayment has been made. Nothing in this Section 3.8 will require the Company to be responsible for, or have any liability or obligation with respect to, Key Employee's excise tax liabilities under Section 4999 of the Code.

3.9 Payments Subject to Section 409A of the Code. Notwithstanding any provision of this Agreement to the contrary, all provisions of this Agreement are intended to comply with Section 409A of the Code and the applicable Treasury regulations and administrative guidance issued thereunder (collectively, "**Section 409A**") or an exemption therefrom filed shall be construed and administered in accordance with such intent. Any payments under this Agreement that may be excluded from Section 409A either as separation pay due to an involuntary separation from service or as a short-term deferral shall be excluded from Section 409A to the maximum extent possible. For purposes of Section 409A, each installment payment provided under this Agreement shall be treated as a separate payment. Any payments to be made under this Agreement upon a termination of Key Employee's employment shall only be made if such termination of employment constitutes a "separation from service" under Section 409A. To the extent that any right to reimbursement of expenses or payment of fully benefit in-kind under this Agreement constitutes nonqualified deferred compensation (within the meaning of Section 409A), (a) any such expense reimbursement shall be made by the Company no later than the last day of the taxable year following the taxable year in which such expense was incurred by Key Employee, (b) the right to reimbursement or in-kind benefits shall not be subject to liquidation or exchange for another benefit, and (c) the amount of expenses eligible for reimbursement or in-kind benefits provided during any taxable year shall not affect the expenses eligible for reimbursement or in-kind benefits to be provided in any other taxable year; provided, that the foregoing clause shall not be violated with regard to expenses reimbursed under any arrangement covered by Section 105(b) of the Code solely because such expenses are subject to a limit related to the period the arrangement is in effect. Notwithstanding any provision in this Agreement to the contrary, if any payment or benefit provided for herein would be subject to additional taxes and interest under Section 409A if Key Employee's receipt of such payment or benefit is not delayed until the earlier of (x) the date of Key Employee's death or (y) the date that is six months after the termination of employment (such date, the "**Section 409A Payment Date**"), then such payment or benefit shall not be provided to Key Employee (or Key Employee's estate, if applicable) until the Section 409A Payment Date. Notwithstanding the foregoing, the Company makes no representations that the payments and benefits provided under this Agreement are exempt from, or compliant with, Section 409A and in no event shall the Company or any of its affiliates be liable for all or any portion of any taxes, penalties, interest or

other expenses that may be incurred by Key Employee on account of non-compliance with Section 409A.

ARTICLE IV MISCELLANEOUS

4.1 Governing Law. This Agreement is governed by and will be construed in accordance with the laws of the State of Texas, without regard to the conflicts of law principles of such State.

4.2 Amendment and Waiver. The provisions of this Agreement may be amended, modified or waived only with the prior written consent of the Company and Key Employee, and no course of conduct or failure or delay in enforcing the provisions of this Agreement will be construed as a waiver of such provisions or affect the validity, binding effect or enforceability of this Agreement or any provision hereof.

4.3 Severability. Any provision in this Agreement which is prohibited or unenforceable in any jurisdiction by reason of applicable law will, as to such jurisdiction, be ineffective only to the extent of such prohibition or unenforceability without invalidating or affecting the remaining provisions hereof, and any such prohibition or unenforceability in any jurisdiction will not invalidate or render unenforceable such provision in any other jurisdiction.

4.4 Entire Agreement. Except as provided in the written benefit plans and programs referenced in Section 2.3(d) and Section 2.3(e) and ARTICLE III, this Agreement embodies the complete agreement and understanding among the parties hereto with respect to the subject matter hereof and supersede and preempt any prior understandings, agreements or representations by or among the parties, written or oral, which may have related to the subject matter hereof in any way. For the avoidance of doubt, this Agreement does not supersede or preempt any understanding, agreement or representation regarding stock, stock options, or other equity interests.

4.5 Withholding of Taxes and Other Employee Deductions. The Company may withhold from any benefits and payments made pursuant to this Agreement all federal, state, city, and other taxes as may be required pursuant to any law or governmental regulation or ruling and all other normal employee deductions made with respect to the Company's employees generally.


4.6 Headings. The paragraph headings have been inserted for purposes of convenience and will not be used for interpretive purposes.

4.7 Actions by the Board. Any and all determinations or other actions required of the Board hereunder that relate specifically to Key Employee's employment by the Company or the terms and conditions of such employment will be made by the members of the Board other than Key Employee (if Key Employee is a member of the Board), and Key Employee will not have any right to vote or decide upon any such matter.

4.8 Construction. The language used in this Agreement will be deemed to be the language chosen by the parties to express their mutual intent, and no rule of strict construction will be applied against any party.

IN WITNESS WHEREOF, the parties hereto have executed this Agreement effective as of **September 30, 2015**.

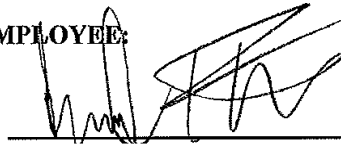
COMPANY:


Mark R. Stauffer

ORION MARINE GROUP, INC.

By:
Name:

KEY EMPLOYEE:



Title: President & Chief Executive Officer

Name: Robert L. Tabb

Exhibit A

FORM OF RELEASE AGREEMENT

This Release Agreement (this "**Agreement**") constitutes the release referred to in that certain Employment Agreement (the "**Employment Agreement**") effective as of **September 1, 2015**, by and between **Robert L. Tabb ("Employee")** and **Orion Marine Group, Inc.,** a Delaware corporation (the "**Company**").

(a) For good and valuable consideration, including the Company's provision of payments to Employee in accordance with Section 3.4 of the Employment Agreement, Employee hereby releases, discharges and forever acquits the Company, its subsidiaries and their affiliates and subsidiaries and the past, present and future stockholders, members, owners, investors, partners, directors, officers, managers, employees, agents, attorneys, heirs, representatives, successors and assigns of the foregoing, as well as (except in any case in which it is proven that any such plans were not administered in accordance with their terms) all employee benefit plans maintained by the Company, its subsidiaries and their affiliates and all fiduciaries and administrators of any such plans, in their personal and representative capacities (collectively, the "**Company Parties**"), from liability for, and hereby waives, any and all claims, damages, or causes of action of any kind related to Employee's employment with any Company Party, the termination of such employment, and any other acts or omissions related to any matter on or prior to the date of the execution of this Agreement including without limitation any alleged violation through the date of this Agreement of: (i) the Age Discrimination in Employment Act of 1967, as amended; (ii) Title VII of the Civil Rights Act of 1964, as amended; (iii) the Civil Rights Act of 1991; (iv) Section 1981 through 1988 of Title 42 of the United States Code, as amended; (v) the Employee Retirement Income Security Act of 1974, as amended; (vi) the Immigration Reform Control Act, as amended; (vii) the Americans with Disabilities Act of 1990, as amended; (viii) the National Labor Relations Act, as amended; (ix) the Occupational Safety and Health Act, as amended; (x) the Family and Medical Leave Act of 1993; (xi) any federal, state or local anti-discrimination or anti-retaliation law; (xii) any federal, state or local wage and hour law; (xiii) any other local, state or federal law, regulation or ordinance; (xiv) any public policy, contract, tort, or common law claim; (xv) any allegation for costs, fees, or other expenses including attorneys' fees incurred in these matters; (xvi) any and all rights, benefits or claims Employee may have under any employment contract, incentive compensation plan or stock option plan with any Company Party or to any ownership interest in any Company Party except as expressly provided in the Employment Agreement and any stock option or other equity compensation agreement between Employee and any Company Party and (xvii) any claim for compensation or benefits of any kind not expressly set forth in Section 3.4 of the Employment Agreement (collectively, the "**Released Claims**"). In no event shall the Released Claims include (a) any claim which arises after the date of this Agreement, (b) any claim to vested benefits under an employee benefit plan, or (c) any claims for contractual payments expressly provided for under Section 3.4 of the Employment Agreement. This Agreement is not intended to indicate that any such claims exist or that, if they do exist, they are meritorious. Rather, Employee is simply

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agreeing that, in exchange for the consideration recited in the first sentence of this paragraph (to which Employee acknowledges he is not otherwise entitled but for his execution and non-revocation of this Agreement), any and all potential claims of this nature that Employee may have against the Company Parties, regardless of whether they actually exist, are expressly settled, compromised and waived. By signing this Agreement, Employee is bound by it. Anyone who succeeds to Employee's rights and responsibilities, such as heirs or the executor of Employee's estate, is also bound by this Agreement. This release also applies to any claims brought by any person or agency or class action under which Employee may have a right or benefit. Notwithstanding the release of liability contained herein, nothing in this Agreement prevents Employee from filing any non-legally waivable claim (including a challenge to the validity of this Agreement) with the Equal Employment Opportunity Commission ("**EEOC**") or comparable state or local agency or participating in any investigation or proceeding conducted by the EEOC or comparable state or local agency; however, Employee understands and agrees that Employee is waiving any and all rights to recover any monetary or personal relief or recovery as a result of such EEOC or comparable state or local agency proceeding or subsequent legal actions. **THIS RELEASE INCLUDES MATTERS ATTRIBUTABLE TO THE SOLE OR PARTIAL NEGLIGENCE (WHETHER GROSS OR SIMPLE) OR OTHER FAULT, INCLUDING STRICT LIABILITY, OF ANY OF THE COMPANY PARTIES.**

(b) Employee agrees not to bring or join any lawsuit against any of the Company Parties in any court relating to any of the Released Claims. Employee represents that Employee has not brought or joined any lawsuit or filed any charge or claim against any of the Company Parties in any court or before any government agency and has made no assignment of any rights Employee has asserted or may have against any of the Company Parties to any person or entity, in each case, with respect to any Released Claims.

(c) By executing and delivering this Agreement, Employee acknowledges that:

- (i) Employee has carefully read this Agreement;
 - (ii) Employee has had at least **[twenty-one (21)] [forty-five (45)]** days to consider this Agreement before the execution and delivery hereof to the Company **[Add, if 45 days applies, due to the concurrent separation of a number of other employees, , and he acknowledges that attached to this Agreement are (1) a list of the positions and ages of those employees selected for termination (or participation in the exit incentive or other employment termination program); (2) a list of the ages of those employees not selected for termination (or participation in such program); and (3) information about the unit affected by the employment termination program of which his termination was a part, including any eligibility factors for such program and any time limits applicable to such program];**
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- (iii) Employee has been and hereby is advised in writing that Employee may, at Employee's option, discuss this Agreement with an attorney of Employee's choice and that Employee has had adequate opportunity to do so;
 - (iv) Employee fully understands the final and binding effect of this Agreement; the only promises made to Employee to sign this Agreement are those stated in the Employment Agreement and herein; and Employee is signing this Agreement voluntarily and of Employee's own free will, and that Employee understands and agrees to each of the terms of this Agreement; and
 - (v) With the exception of any sums that Employee may be owed pursuant to Section 3.4 of the Employment Agreement, Employee has been paid all wages and other compensation to which Employee is entitled under the Agreement and received all leaves (paid and unpaid) to which Employee was entitled during the Employment Period (as defined in the Employment Agreement).

Notwithstanding the initial effectiveness of this Agreement, Employee may revoke the delivery (and therefore the effectiveness) of this Agreement within the seven-day period beginning on the date Employee delivers this Agreement to the Company (such seven day period being referred to herein as the "**Release Revocation Period**"). To be effective, such revocation must be in writing signed by Employee and must be received by the Chief Executive Officer of the Company, his designated agent, or his principal office, marked for his attention, before **11:59 p.m.**, Houston, Texas time, on the last day of the Release Revocation Period. If an effective revocation is delivered in the foregoing manner and timeframe, this Agreement shall be of no force or effect and shall be null and void. No consideration shall be paid if this Agreement is revoked by Employee in the foregoing manner,

Executed on this -----day of -----

Robert L. Tabb

First Amendment to EMPLOYMENT AGREEMENT

Robert L. Tabb

This **First Amendment** (this "**Amendment**") dated as of **September 25, 2017**, to that certain **Employment Agreement** (the "**Agreement**"), dated September 30, 2015 (the "**Effective Date**"), by and between **Orion Group Holdings, Inc.**, a Delaware corporation (the "**Company**"), and **Robert L. Tabb** (the "**Key Employee**").

WITNES SETH:

WHEREAS, the Company has identified the below signed individual as a Key Employee who is an integral part of the Company's operation and management and as a result entered into the Agreement with him;

WHEREAS, the Company recognizes the undersigned individual's ongoing efforts as a Key Employee and desires to continue to reward those efforts to protect and enhance the best interests of the Company;

WHEREAS, the Agreement expires on **September 30, 2017**; and both the Company and the Key Employee desire to extend the Agreement for an additional two (2) year period; and

NOW, THEREFORE, in consideration of the foregoing and of the respective covenants and agreements set forth below, the parties hereto agree as follows:

ARTICLE I

PURPOSE, DEFINITIONS AND INTERPRETATIONS

1.1 Purpose. The purpose of this First Amendment to the Agreement is to evidence the Parties' mutual agreement to a two (2) year extension to the Agreement under the terms and conditions as hereinafter provided.

1.2 Definitions. Any capitalized terms used but not otherwise defined herein shall have the meanings ascribed thereto in the Agreement.

1.3 Interpretations. In this Amendment, unless a clear contrary intention appears, (a) the words "herein," "hereof" and "hereunder" and other words of similar import refer to this Amendment as a whole and not to any particular Article, Section or other subdivision; (b) reference to any Article or Section, means such Article or Section hereof; and (c) the word "including" (and with correlative meaning "include") means including, without limiting the generality of any description preceding such terms.

ARTICLE II AGREEMENT

The parties hereby mutually agree to the following terms as reflected below.

2.1 Term. Section 2.1 of the Agreement be hereby superseded and replaced with the following:

"The term of this Agreement commenced on the Effective date of this Agreement and will end on **September 30, 2017** (the "**Initial Term**"); however, the Agreement is hereby extended for (a) an additional two (2) year period commencing **October 1, 2017** and ending on **September 30, 2019**, and (b) for such other subsequent periods of time as from time to time may be mutually agreed between the Parties at least thirty (30) days prior to the end of any such respective extended term."

2.2 Compensation. Section 2.3(a) of the Agreement be hereby superseded and replaced with the following:

"(a) Base Salary. During the Employment Period, Key Employee will receive an initial Base Salary at the rate of **One Hundred Eighty-Seven Thousand Six Hundred One and 44/100 Dollars (\$187,601.44)** per annum payable in periodic installments in accordance with the Company's normal payroll practices and procedures, which base salary may be increased (but not decreased) by the Company from time to time."

ARTICLE III OTHER TERMS

3.01 Remaining Terms of the Agreement: Except to the extent specifically provided herein to the contrary in this Amendment, all terms, conditions, understandings and agreements between the Parties, as set forth in the Agreement shall be binding upon and inure to the benefit of each of the respective Parties, as set forth in the Agreement.

3.02 Severability Clause: If any portion of this Amendment (or the Agreement, as extended hereunder), is held to be invalid or unenforceable for any reason by a court or governmental authority of competent jurisdiction, then such portion will be deemed to be stricken and the remainder of the document(s) shall continue in full force and effect.

3.03 Headings: The headings are for convenience only and may not be used to construe or interpret this Amendment.

3.04 Counterparts and Signatures: This Amendment may be executed in one or more counterparts, and by each of the respective Parties hereto on separate counterparts, each of which shall be deemed an original, but all of which together shall constitute one and the same instrument. For purposes of this Amendment, facsimile and electronically transmitted signatures shall be deemed originals for all purposes.

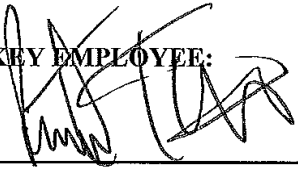
September 25, 2017

IN WITNESS WHEREOF, the parties hereto have executed this Amendment effective as of the date first above written.

COMPANY:

ORION GROUP HOLDINGS, INC.

KEY EMPLOYEE:



A handwritten signature in black ink, appearing to read 'Robert L. Tabb', is written over a horizontal line. The signature is enclosed within a rectangular box defined by a horizontal line on the left and a vertical line on the right.

Title: President & Chief Executive Officer

Robert L. Tabb

Entity		Abbreviation	State/Province	Owner	Interest
Orion Group Holdings, Inc.		ORN	DE	Parent & Public Company	
OAS	Orion Administrative Services, Inc.	OAS	TX	ORN	100%
	East & West Jones Placement Areas, LLC	EWJ	TX	OAS	100%
	Preferred Tool Services, Inc.	PTS/HITS	TX	OAS	100%
	Orion Marine Group, LLC	OMGLLC	TX	OAS	100%
OMR	Orion Marine Contractors, Inc.	OMR	DE	ORN	100%
	Northwest Marine Construction, ULC	NMC	Canada	OMR	100%
	Orion Contractors Australia Pty Ltd (<i>Inactive</i>)	OCA	Australia	OMR	100%
SCH	Schneider E&C Company, Inc.	SCH	FL	ORN	100%
OIC	Orion Industrial Construction, LLC (fka F. Miller Construction, LLC)	OIC	LA	ORN	100%
OCLP	OCLP, LLC	OCLPLLC	NV	ORN	100%
	OCGP, LLC	OCGP	TX	OCLPLLC	100%
	Orion Construction, LP	OCLP	TX	OCLPLLC	99%
				OCGP (GP)	1%
	OMC	Orion Marine Construction, Inc.	FL	OCLP	100%
		Orion Marine Construction TCI, Ltd	Turks & Caicos	OMC	100%
		SSL South, LLC	FL	OMC	100%
		OM Marine Services de Mexico S de R.L. de C.V.		SSL	99%
				OIC	1%
		Orion Marine de Mexico, S de R.L. de C.V.	Mexico	OMC	99%
				OAS	1%
		T. LaQuay Dredging, LLC	TX	OMC	100%
		King Fisher Marine Services, LLC	TX	OMC	100%
		Misener Marine Construction, Inc.	GA	OMC	100%
		Industrial Channel & Dock Company	TX	OMC	100%
		Commercial Channel & Dock Company	TX	OMC	100%
OCC	Orion Concrete Construction, LLC	OCC	DE	ORN	100%
	T.A.S. Commercial Concrete Construction, LLC	TAS	DE	OCC	100%
	Tony Bagliore Concrete, Inc. dba T.A.S. Commercial Concrete CTX	TBC	TX	TAS	100%
	T.A.S. Commercial Concrete Solutions, LLC	TASCCS	TX	OCC	100%
	T.A.S. Proco, LLC	TASP	TX	TASCCC	99%
				OCC	1%
OCS	Orion Corporate Services, LLC	OCS	TX	ORN	100%
GS	Orion Government Services, LLC	OGS	WA	OMR	50%
				OCLP	50%

CONSENT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

The Board of Directors
Orion Group Holdings, Inc.:

We consent to the incorporation by reference in the registration statement (No. 333-160719) on Form S-3 and (No. 333-148301, 333-174814 and 333-218222) on Forms S-8 of Orion Group Holdings, Inc. of our reports dated March 26, 2019, with respect to the consolidated balance sheets of Orion Group Holdings, Inc. as of December 31, 2018 and 2017, the related consolidated statements of operations, comprehensive income (loss), stockholders' equity, and cash flows for each of the years in the two-year period ended December 31, 2018, and the related notes and financial statement schedules II, and the effectiveness of internal control over financial reporting as of December 31, 2018, which reports appear in the December 31, 2018 annual report on Form 10-K of Orion Group Holdings, Inc..

/s/ KPMG LLP

Houston, Texas
March 26, 2019

CONSENT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

We consent to the incorporation by reference in the following Registration Statements:

- 1) Registration Statement (Form S-3 No. 333-160719) of Orion Marine Group, Inc.,
- 2) Registration Statement (Form S-8 No. 333-148301) pertaining to the Orion Marine Group, Inc. 2007 Long Term Incentive Plan
- 3) Registration Statement (Form S-8 No. 333-174814) pertaining to the Orion Marine Group, Inc. 2011 Long Term Incentive Plan, and
- 4) Registration Statement (Form S-8 No. 333-218222) pertaining to the Orion Group Holdings, Inc. 2017 Long-Term Incentive Plan;

of our report dated March 24, 2017, with respect to the consolidated financial statements and schedule of Orion Group Holdings, Inc. as of December 31, 2016 and for the year then ended, included in this Annual Report (Form 10-K) for the year ended December 31, 2018.

/s/ Ernst & Young LLP

Houston, Texas
March 26, 2019

**CERTIFICATION OF CHIEF EXECUTIVE OFFICER
PURSUANT TO RULE 13a - 14(a)/15d - 14(a)
OF THE SECURITIES EXCHANGE ACT, AS AMENDED**

I, Mark R. Stauffer, certify that:

1. I have reviewed this Form 10-K of Orion Group Holdings, 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 Quarterly 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.

March 26, 2019

By: /s/ Mark R. Stauffer

Mark R. Stauffer
President and Chief Executive Officer

**CERTIFICATION OF CHIEF FINANCIAL OFFICER
PURSUANT TO RULE 13a - 14(a)/15d - 14(a)
OF THE SECURITIES EXCHANGE ACT, AS AMENDED**

I, Robert L. Tabb, certify that:

1. I have reviewed this Form 10-K of Orion Group Holdings, 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 Quarterly 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.

March 26, 2019

By: /s/ Robert L. Tabb

Robert L. Tabb

Interim Chief Financial Officer

SECTION 1350 CERTIFICATIONS
AS ADOPTED PURSUANT TO
SECTION 906 OF THE SARBANES-OXLEY ACT OF 2002

In connection with the Annual Report of Orion Group Holdings, Inc (the “Company”) on Form 10-K for the year ended December 31, 2018 as filed with the Securities and Exchange Commission on the date hereof (the “Report”), we, Mark R. Stauffer and Robert L. Tabb, Chief Executive Officer and Interim Chief Financial Officer, respectively, of the Company, certify, pursuant to 18 U.S.C. § 1350, as adopted pursuant to § 906 of the Sarbanes-Oxley Act of 2002, that to our knowledge:

- 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 result of operations of the Company.

March 26, 2019

By: /s/ Mark R. Stauffer

Mark R. Stauffer
President and Chief Executive Officer

March 26, 2019

By: /s/ Robert L. Tabb

Robert L. Tabb
Interim Chief Financial Officer