

# ENR THE TOP 200 ENVIRONMENTAL FIRMS

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PHOTO COURTESY METHUEN CONSTRUCTION

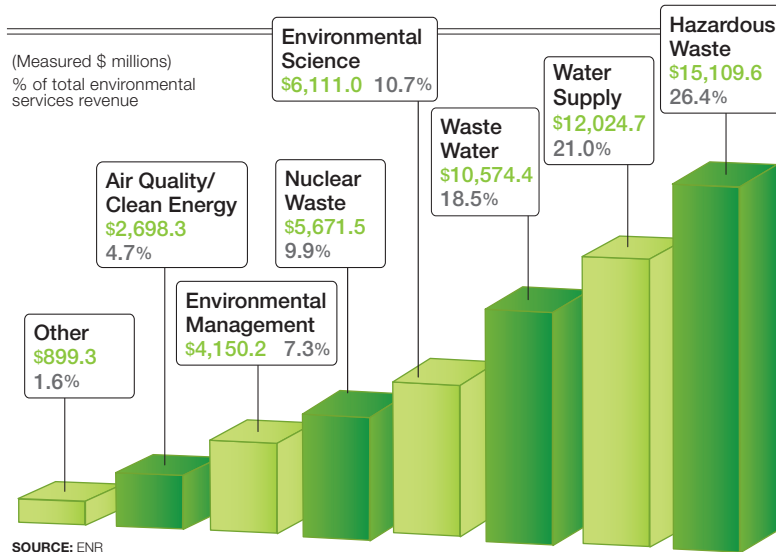
**TIGHT** Expansion of the Peirce Island wastewater treatment plant in Portsmouth, N.H., set to complete this year to comply with a federal deadline, had to fit on a tight island site. AECOM (No. 1) serves as lead design firm and Methuen Construction (No. 103) is general contractor.

## Building Up To Meet Demand

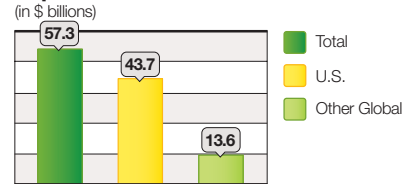
As global markets change quickly, Top 200 firms can't add size and new capabilities fast enough By Debra K. Rubin, with Pam MacFarland and Mary B. Powers



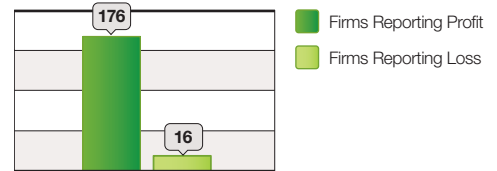
# Looking at Markets



## Top 200 Environmental Firms' Revenue



## Number of Firms Reporting Profitability Change



## Comparing the Past Decade's Top 200 Firm Revenue

(in \$ billions) SOURCE: ENR



A strong economy in the U.S. and in some other key global markets pushed the ENR 2019 Top 200 Environmental Firms to revenue levels not seen for some years. Even with some exceptions, more public and private owners committed to project investment and compliance steps to address both legacy and emerging environmental challenges.

As a result, Top 200 firms also invested, adding staff or buying new capability to handle the growing client and project diversity in the environmental marketplace. The Top 200 total environmental services revenue, based on what firms reported in 2018, hit \$57.24 billion—up 7.3% from the previous year's tally. Domestic revenue showed a 6% boost from last year's total, with activity in global markets up a particularly strong 13.3%. Both figures had declined in last year's market assessment.

The buoyed market lifted revenue for a number of firms and moved them up the Top 200 list. "Weston Solutions had its best top and bottom line performance in its 61-year history in 2018 due to our combined environmental and infrastructure businesses," says President & CEO Alan J. Solow, noting that its environmental gross revenue grew by almost \$19 million from 2017 to 2018. More of that revenue "came from projects where delivery covered the life-cycle of the services and not from one specific part," he adds.



**"Weston Solutions had its best top and bottom line performance in its 61-year history in 2018 due to our combined environmental and infrastructure businesses."**

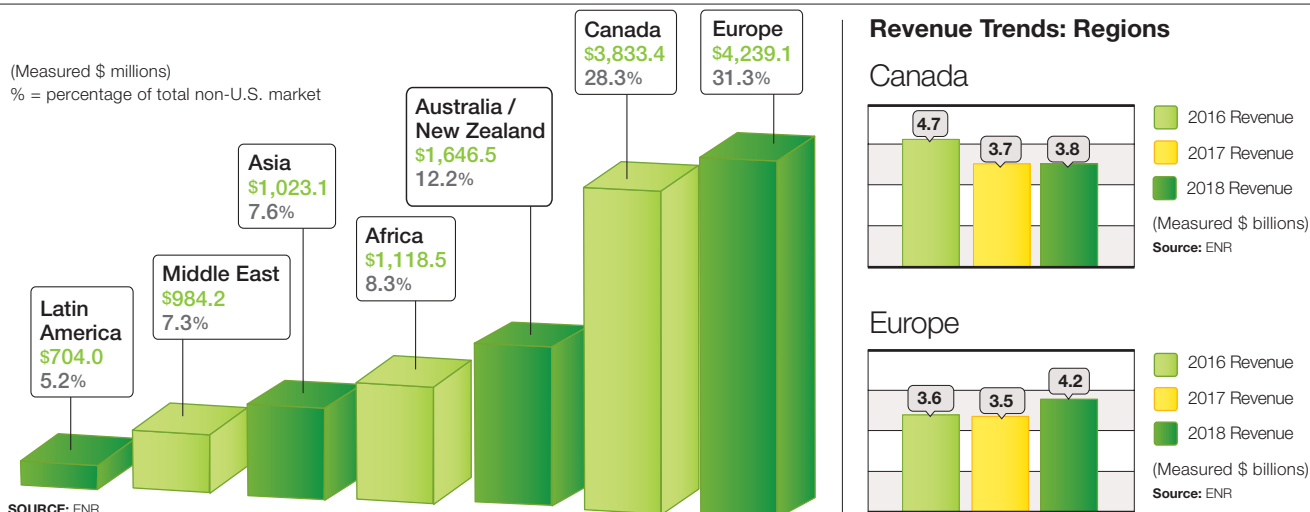
Alan J. Solow,  
President & CEO,  
Weston Solutions

Design firm Garver, which debuted on the 2019 list at No. 178, says its environmental services work "took a significant leap in 2018 with an expanded team and added expertise in biological analysis, noise and air quality analysis and geographic information systems." The Arkansas firm adds that heading west to service water sector clients in Texas, Arizona and Colorado was a "key driver for our revenue growth." Water and wastewater contractor Garney Holding kept its No. 15 spot, even though revenue rose some \$80 million.

No. 2 ranked Jacobs has committed to environmental services as it builds on its 2017 purchase of former Top 200 perennial leader CH2M and transitions away from heavy civil construction markets, with the soon-to-finish sale of its energy, chemicals and mining unit to WorleyParsons. Investment "in the Jacobs environmental business and brand globally created a positive impact in 2018," says chairman Steve Demetriou, driven by client needs in disaster and emerging contaminant response, nuclear waste decommissioning, and remediation stemming from both urban redevelopment and site repurposing.

Consolidation remains heavy among environmental services firms, with serial acquirer NV5 rising to No. 89 on the 2019 list from No. 117 last year. The consulting firm says that its "environmental vertical" has grown 60% since 2017 and represents "a significant

# Looking at Global Regions



portion” of the company’s overall growth.

Top 200 firms see mixed signals, however, in federal regulation as the Trump Administration hits the half-way point, with key regulatory agencies such as the U.S. Environmental Protection Agency and U.S. Interior Dept. now run by former industry lobbyists in unconfirmed, acting capacities. They note some slowdowns in funding for state and local environmental infrastructure upgrades. “Our core business is regulatory driven, and we see no new substantial environmental-related regulations being enacted in the near future,” says Lynn Eich, president of Environmental Quality Management (No. 117), now set to be acquired by Top 200 newcomer ASRC Industrial Services (No. 85). It announced the deal on July 1. HDR also noted some revenue drag due to uncertainties over implementing new streamlined federal environmental permitting under a new executive order.

For the first time, however, billions in federal funding for climate change resilience on transportation projects was included in a highway bill unanimously approved July 30 by the Senate Environment and Public Works Committee (see p. 8). Funds would also allow states to lower highway-related carbon emissions.

The still-erratic global oil and gas market both helped and hurt Top 200 firms working in that sector. Firms pointed to the impact of tariffs and scheduled-to-end tax

## Top 200 Newcomer | By Jim Parsons

# Methuen Moves on Mandates

Methuen Construction, which debuts on the Top 200 at **No. 103**, is used to tackling upgrades of aging New England water and wastewater facilities so owners can meet new supply and treatment demands and avoid federal penalties. But its work on the



\$74-million Peirce Island sewage treatment plant revamp in Portsmouth, N.H., had an added dimension. That city’s largest public works project was on a Revolutionary War-era fortification site that challenged the firm to install modern technology and larger capacity (see above) on an island site with limited access and adjacent historic preservation under way. Ahead for Methuen is a \$51-million Pittsfield, Mass., wastewater plant upgrade required to meet EPA nutrient discharge mandates for the at-risk Housatonic River. Methuen Executive Vice President Wayne Symonds says its environmental market is “stable,” but adds “states and communities just don’t have the resources to undertake large projects alone.” Methuen aims to expand beyond New England as part of a 10-year plan to more than double its current \$120-million total revenue. ■

# The Top Firms by Market Segment

		<b>HAZARDOUS WASTE</b>	
		Top 20 Revenue: \$10.17 Billion Share of Total Sector Revenue: 67.3%	
2019	2018	** indicates firm did not rank on 2018 list	\$ MIL.
1	1	CLEAN HARBORS INC.	\$ 2,759.0
2	2	AECOM	\$ 971.6
3	5	ARCADIS NV	\$ 662.8
4	3	JACOBS	\$ 570.6
5	7	BECHTEL CORP.	\$ 551.0
6	11	GILBANE BUILDING CO.	\$ 530.3
7	6	TRADEBE ENVIRONMENTAL SERVICES	\$ 528.9
8	4	WOOD PLC	\$ 463.0
9	8	ECC	\$ 422.9
10	10	GHD	\$ 385.3
11	**	NRC GROUP (FORM. NATL RESPONSE CORP).	\$ 270.2
12	**	RAMBOLL	\$ 269.9
13	9	GOLDER ASSOCIATES CORP.	\$ 260.7
14	**	CLEAN EARTH	\$ 249.8
15	**	ERM	\$ 247.8
16	**	LEIDOS INC.	\$ 215.1
17	20	PARSONS CORP.	\$ 212.5
18	13	SEVENSON ENVIRONMENTAL	\$ 206.1
19	17	CASCADE ENVIRONMENTAL	\$ 204.2
20	14	CDM SMITH	\$ 188.9

		<b>WATER TREATMENT/SUPPLY</b>	
		Top 20 Revenue: \$8.99 Billion Share of Total Sector Revenue: 74.8%	
2019	2018	** indicates firm did not rank on 2018 list	\$ MIL.
1	1	TETRA TECH INC.	\$ 1,432.0
2	2	SALINI IMPREGILO SPA	\$ 1,285.1
3	3	SUEZ NORTH AMERICA	\$ 770.0
4	4	JACOBS	\$ 684.8
5	5	AECOM	\$ 662.4
6	6	GARNEY HOLDING CO.	\$ 570.7
7	7	KIEWIT CORP.	\$ 570.5
8	8	STANTEC INC.	\$ 445.3
9	9	BLACK & VEATCH	\$ 347.8
10	10	CDM SMITH	\$ 343.4
11	12	THE WALSH GROUP LTD.	\$ 290.6
12	**	MWH CONSTRUCTORS INC.	\$ 256.6
13	**	WSP	\$ 209.4
14	**	BARNARD CONSTRUCTION CO. INC.	\$ 177.7
15	11	BECHTEL CORP.	\$ 165.3
16	15	MOTT MACDONALD	\$ 163.8
17	20	LYLES CONSTRUCTION GROUP	\$ 156.9
18	**	CLEAN HARBORS INC.	\$ 156.8
19	18	PCL CONSTRUCTION	\$ 153.5
20	**	REYNOLDS CONSTRUCTION LLC	\$ 147.8

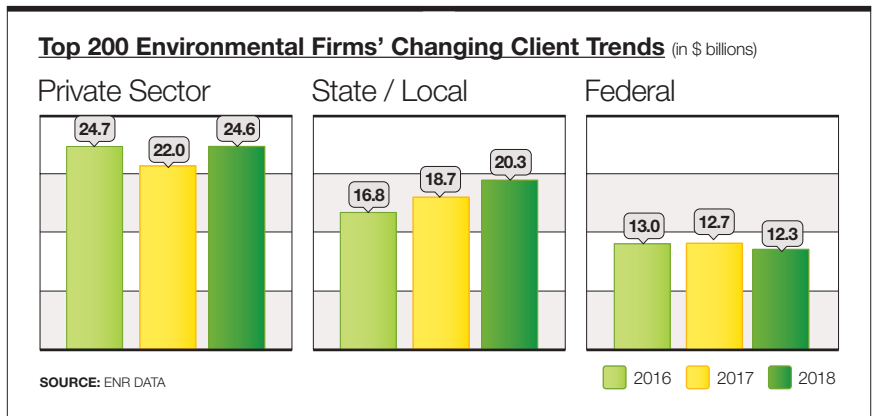
		<b>WASTEWATER TREATMENT</b>	
		Top 20 Revenue: \$6.60 Billion Share of Total Sector Revenue: 62.4%	
2019	2018	** indicates firm did not rank on 2018 list	\$ MIL.
1	3	AECOM	\$ 706.6
2	1	JACOBS	\$ 684.8
3	**	MWH CONSTRUCTORS INC.	\$ 498.0
4	2	AEGION CORP.	\$ 484.0
5	5	STANTEC INC.	\$ 425.6
6	4	BLACK & VEATCH	\$ 377.9
7	10	GARNEY HOLDING CO.	\$ 349.8
8	7	CDM SMITH	\$ 326.2
9	13	SALINI IMPREGILO SPA	\$ 320.5
10	8	SUEZ NORTH AMERICA	\$ 308.0
11	6	THE WALSH GROUP LTD.	\$ 266.8
12	14	BROWN AND CALDWELL	\$ 232.1
13	17	WHARTON-SMITH INC.	\$ 230.0
14	**	TETRA TECH INC.	\$ 229.1
15	9	HDR	\$ 212.7
16	**	ULLIMAN SCHUTTE CONSTRUCTION LLC	\$ 198.4
17	11	MOTT MACDONALD	\$ 195.3
18	18	CAROLLO ENGINEERS	\$ 189.3
19	16	HAZEN AND SAWYER	\$ 188.7
20	15	KIEWIT CORP.	\$ 175.0

		<b>AIR QUALITY/CLEAN ENERGY</b>	
		Top 10 Revenue: \$1.81 Billion Share of Total Sector Revenue: 67.2%	
2019	2018	** indicates firm did not rank on 2018 list	\$ MIL.
1	**	BARNARD CONSTRUCTION CO. INC.	\$ 346.8
2	1	AECOM	\$ 265.0
3	9	BLACK & VEATCH	\$ 187.1
4	5	ICF	\$ 178.4
5	**	MCCARTHY HOLDINGS INC.	\$ 173.0
6	7	BECHTEL CORP.	\$ 165.3
7	3	FLUOR CORP.	\$ 154.5
8	**	HDR	\$ 127.6
9	6	BOWEN ENGINEERING CORP.	\$ 122.1
10	10	TRINITY CONSULTANTS	\$ 93.9

		<b>NUCLEAR WASTE</b>	
		Top 10 Revenue: \$5.37 Billion Share of Total Sector Revenue: 94.3%	
2019	2018	** indicates firm did not rank on 2018 list	\$ MIL.
1	1	FLUOR CORP.	\$ 1,906.0
2	3	AECOM	\$ 1,015.7
3	2	JACOBS	\$ 951.1
4	4	BECHTEL CORP.	\$ 808.1
5	**	SNC-LAVALIN INC.	\$ 245.3
6	5	LEIDOS INC.	\$ 139.0
7	7	NAVARRO RESEARCH AND ENGINEERING INC.	\$ 83.0
8	6	BATTELLE	\$ 80.0
9	8	WOOD PLC	\$ 79.0
10	10	NORTH WIND GROUP	\$ 66.8

		<b>ENVIRON. MANAGEMENT</b>	
		Top 10 Revenue: \$2.34 Billion Share of Total Sector Revenue: 56.5%	
2019	2018	** indicates firm did not rank on 2018 list	\$ MIL.
1	1	TETRA TECH INC.	\$ 515.5
2	2	ERM	\$ 377.7
3	3	ANTEA GROUP N.V.	\$ 279.1
4	6	AECOM	\$ 265.0
5	4	GOLDER ASSOCIATES CORP.	\$ 260.7
6	**	JACOBS	\$ 228.3
7	9	ATC GROUP SERVICES LLC	\$ 148.5
8	**	LEIDOS INC.	\$ 96.6
9	**	WSP	\$ 87.2
10	**	STANTEC INC.	\$ 85.9

		<b>ENVIRONMENTAL SCIENCE</b>	
		Top 10 Revenue: \$3.96 Billion Share of Total Sector Revenue: 64.8%	
2019	2018	** indicates firm did not rank on 2018 list	\$ MIL.
1	1	TETRA TECH INC.	\$ 687.4
2	**	JACOBS	\$ 684.8
3	2	AECOM	\$ 529.9
4	3	HDR	\$ 521.0
5	6	WOOD PLC	\$ 327.2
6	7	ERM	\$ 257.7
7	5	WEEKS MARINE INC.	\$ 254.3
8	**	GHD	\$ 251.1
9	9	ICF	\$ 231.3
10	**	WSP	\$ 218.1



# The Top Firms by Type of Client

		<b>PRIVATE</b>	
		Top 10 Revenue: \$10.70 Billion Share of Total Sector Revenue: 43.5%	
2019	2018	** indicates firm did not rank on 2018 list	\$ MIL.
1	1	CLEAN HARBORS INC.	\$ 2,665.0
2	2	AECOM	\$ 1,634.0
3	3	TETRA TECH INC.	\$ 1,260.2
4	4	STANTEC INC.	\$ 981.3
5	5	ERM	\$ 963.8
6	6	GOLDER ASSOCIATES CORP.	\$ 689.7
7	7	ARCADIS NV	\$ 682.6
8	**	WSP	\$ 654.4
9	9	TRADEBE ENVIRONMENTAL SERVICES	\$ 589.0
10	**	GHD	\$ 577.1

		<b>STATE/LOCAL</b>	
		Top 10 Revenue: \$8.13 Billion Share of Total Sector Revenue: 44.9%	
2019	2018	** indicates firm did not rank on 2018 list	\$ MIL.
1	1	JACOBS	\$ 1,635.8
2	2	SALINI IMPREGILO SPA	\$ 1,502.5
3	4	AECOM	\$ 1,104.0
4	3	SUEZ NORTH AMERICA	\$ 1,034.0
5	5	TETRA TECH INC.	\$ 773.3
6	6	GARNEY HOLDING CO.	\$ 754.7
7	10	KIEWIT CORP.	\$ 696.0
8	7	THE WALSH GROUP LTD.	\$ 566.3
9	**	BLACK & VEATCH	\$ 536.8
10	8	CDM SMITH	\$ 523.7

		<b>FEDERAL</b>	
		Top 10 Revenue: \$9.20 Billion Share of Total Sector Revenue: 74.7%	
2019	2018	** indicates firm did not rank on 2018 list	\$ MIL.
1	1	FLUOR CORP.	\$ 1,906.0
2	3	AECOM	\$ 1,678.2
3	2	JACOBS	\$ 1,673.9
4	4	BECHTEL CORP.	\$ 1,322.3
5	5	TETRA TECH INC.	\$ 830.6
6	6	LEIDOS INC.	\$ 640.6
7	9	SNC-LAVALIN INC.	\$ 315.5
8	7	WOOD PLC	\$ 299.6
9	**	WEEKS MARINE INC.	\$ 264.9
10	**	NORTH WIND GROUP	\$ 264.1

# The Top Firms by Type of Work

		<b>CONSTRUCT/REMEDIATION</b>	
		Top 10 Revenue: \$9.54 Billion Share of Total Sector Revenue: 45.9%	
2019	2018	** indicates firm did not rank on 2018 list	\$ MIL.
1	1	FLUOR CORP.	\$ 1,673.2
2	2	SALINI IMPREGILO SPA	\$ 1,610.4
3	3	BECHTEL CORP.	\$ 1,322.3
4	6	GARNEY HOLDING CO.	\$ 920.4
5	5	KIEWIT CORP.	\$ 821.5
6	**	MWH CONSTRUCTORS INC.	\$ 724.4
7	4	JACOBS	\$ 646.7
8	**	CLEAN HARBORS INC.	\$ 627.1
9	7	AECOM	\$ 618.3
10	**	BARNARD CONSTRUCTION CO. INC.	\$ 573.0

		<b>ENGINEERING/DESIGN</b>	
		Top 10 Revenue: \$6.17 Billion Share of Total Sector Revenue: 54.0%	
2019	2018	** indicates firm did not rank on 2018 list	\$ MIL.
1	1	AECOM	\$ 1,280.7
2	2	JACOBS	\$ 913.0
3	3	TETRA TECH INC.	\$ 716.0
4	8	GOLDER ASSOCIATES CORP.	\$ 529.9
5	5	MOTT MACDONALD	\$ 514.6
6	4	STANTEC INC.	\$ 483.3
7	7	BLACK & VEATCH	\$ 471.0
8	**	RAMBOLL	\$ 454.6
9	10	HDR	\$ 414.7
10	9	FLUOR CORP.	\$ 387.4

		<b>CONSULTING/STUDIES</b>	
		Top 10 Revenue: \$8.71 Billion Share of Total Sector Revenue: 62.7%	
2019	2018	** indicates firm did not rank on 2018 list	\$ MIL.
1	1	TETRA TECH INC.	\$ 2,148.0
2	2	JACOBS	\$ 2,092.3
3	3	AECOM	\$ 1,236.5
4	4	ERM	\$ 635.3
5	5	ARCADIS NV	\$ 544.1
6	6	ICF	\$ 462.4
7	**	GHD	\$ 420.2
8	7	WOOD PLC	\$ 412.1
9	10	STANTEC INC.	\$ 383.9
10	8	HDR	\$ 372.2

		<b>CM/PM</b>	
		Top 10 Revenue: \$3.36 Billion Share of Total Sector Revenue: 59.4%	
2019	2018	** indicates firm did not rank on 2018 list	\$ MIL.
1	1	AECOM	\$ 1,236.5
2	4	GILBANE BUILDING CO.	\$ 529.9
3	**	WEEKS MARINE INC.	\$ 353.2
4	**	STANTEC INC.	\$ 239.2
5	8	BECHTEL CORP.	\$ 202.0
6	5	HDR	\$ 191.4
7	**	CLEAN HARBORS INC.	\$ 156.8
8	10	SNC-LAVALIN INC.	\$ 155.3
9	3	JACOBS	\$ 152.2
10	**	CDM SMITH	\$ 147.7

credits on renewable energy markets.

Labor shortages remain another key growth deterrent for the Top 200. "The continued skilled labor shortage is constricting our ability to put more work in place," says Robert Chisholm, president

of South Carolina-based water and wastewater facility builder M.B. Kahn Construction Co. "There are significant opportunities in our market, but we continue to be selective in the amount of work we take due to the skilled labor shortage."

For Top 200 firms able to export staff or services, markets beyond the U.S. have been compelling. "Domestic markets will remain unchanged but international prospects look better as additional countries increase their investments in climate change and other environmental issues," says Ian Kline, president of consultant the Cadmus Group.

Steve Nalefski, environmental services vice president and general manager at Burns & McDonnell says the firm is "exploring" operations in India to offer air quality permitting, and in the Pacific Rim down the road "to support green investments." Wood PLC sees growth in European and U.K. resilience initiatives and in master plan support for resilient environmental infrastructure in its Middle East markets. But pipeline installation firm Aegion Corp. is closing much of its non-North American contracting operations due to "competitive pressures and lack of growth," it says.

Among non-U.S. listed firms, Germany-based Bauer Resources reports losses in the Middle East last year, but spokesman Dennis Alexandersen says its core environmental technology business "has a record number" of orders in hand. "Although the oil price has dropped further, our oil and gas clients still seek water related solutions to reduce their environmental impact and costs," he says.

France-based design firm Artelia, a Top 200 newcomer at No. 88, says it expects a 10% to 15% hike in 2019 environ-

mental services revenue, with risk manager Dominique Combe reporting them “as a real added value to projects and not only a mandatory exercise to be compliant with laws.” She says “design is now driven by low-carbon emission and accurate life-cycle analysis.”

**Top 200 Firm in Focus** | By Jim Parsons

## North Wind Group Gets Energized

While North Wind Group has provided environmental services since 1997, its 2010 purchase by an Alaska Indigenous-owned corporation positioned the Idaho Falls, Idaho, firm to become a leading competitor for federal contracts ranging from small site assessments to large-scale remediation projects and infrastructure operations. The firm, which rose 10 spots on this year’s Top 200 list to **No. 45**, gained 95% of its \$277 million in 2018 environmental services revenue from federal clients. They include the U.S. Energy Dept. nuclear waste management programs at Oak Ridge, Tenn., Hanford, Wash., and Savannah River, S.C., as well as U.S. Army Corps of Engineers munitions waste cleanups in Ohio and Iowa.



Among North Wind’s key missions, it has been a remedial action contractor since 2011 for DOE’s Uranium Mill Tailings Remedial Action project, where it removed and relocated disposal tailings from a Moab, Utah, uranium-ore mine that once supported U.S. atomic bombmaking (see photo). The project has relocated 60% of the tailings, about 7 million tons, and is set to continue until 2034 for an estimated \$1 billion. In February, DOE and North Wind accelerated removal, doubling weekly shipments to a disposal site. Among private sector jobs, it won a 20-month utility consulting contract in June to develop a strategic plan to relocate spent nuclear fuel at the San Onofre nuclear plant in California to a commercial off-site facility.

CEO Christopher Leichtweis says over the past six years the firm has essentially “franchised” itself by creating separate regional operations and management hubs “to get closer to our customers,” as it expands its market. North Wind opened an office in Morgantown, W.Va., to serve the East Coast, and a base in Guam to support environmental work related to the U.S. military’s region-wide realignment. That includes remediating waste generated by more than 75 years of activity on Okinawa and unexploded ordnance cleanup and related work on Guam, Saipan and other Pacific Rim locations set for new or expanded bases. Cost control is an ongoing concern, Leichtweis says, particularly given pressures like environmental project uncertainties and commodity influences on materials prices. North Wind follows a construction management-at-risk approach and maximizes net revenue by self-performing 60% of work. Leichtweis is confident it will win a sizeable portion of multiple federal small-business environmental services contracts up for recompetition this year and in 2020. The company also plans to pursue acquisition and private equity financing. One risk is how the outcome of the 2020 election may affect federal investment in environmental remediation work. “I don’t think the market will get any better than it is now,” he says. “We’re hoping that the market will at least remain sustainable.” ■

The Top 200 firms’ private sector market revenue rose slightly from last year and remains the list’s largest client sector at \$24.6 billion, but the 2019 total returns to its 2016 level. “Regulatory uncertainty is causing some private clients to delay projects, but the outlook is good overall,” says Douglas J. McKeown, CEO of design firm Woodard & Curran. Other firms credit the still-hot commercial and industrial real estate markets and corporate social responsibility.

“Customers are focused on environmental issues even with rollback of regulations,” says Burns & McDonnell’s Nalefski. “The challenge for our customers is the direction to go in. If they are involved in a program they keep it going. A lot of them are progressive and are reducing their carbon footprint. It’s an economic advantage.”

The federal market slid about 5.3% in Top 200 overall revenue since the 2017 ranking. Jan Wälstrom, Jacobs’ senior vice president and general manager of global environmental solutions, notes funding declines for traditional U.S. Defense Dept. environmental projects. But a number of Top 200 firms are watching when and how the U.S. Energy Dept. awards multi-billion-dollar new and expanded nuclear and hazardous waste cleanup and management contracts at former federal weapons sites over the next two years. With AECOM set to sell its government services arm and Jacobs eyeing Fluor’s government group, “consolidation among federal contractors will pose a concern for [the agency],” says industry publication Weapons Complex Monitor. “Restructuring could create questions about management stability in affected joint ventures in charge of nuclear remediation.”

Public and private sector cleanup of legacy waste and new contaminants such as PFAS chemicals kept hazardous waste the largest Top 200 market, up 16% in total revenue for 2019. A new advocacy group report that identified 610 contaminated sites across 43 states is “just scratching the surface,” says Jacobs’ Wälstrom. California regulators have issued investigative orders for PFAS sampling at 200 landfills and 31 airports. “Our revenue was positively affected by the increase in PFAS/PFOS compliance, treatment and assessments in Michigan,” says Lansing-based PM Environmental.

Despite some Top 200 firms’ concerns about slow moving projects, most list participants saw good momentum in state and local markets. That client sector is up nearly 21% in the last two years. “A positive impact is California’s water crisis,” says Lyles Construction. Water and wastewater infrastructure design and construction is a key generator of that push, with the former up 10.4% in Top 200 revenue in 2018 and the latter rising 10.3%.

PHOTO: NORTH WIND GROUP

# The Top 30 All-Environmental Firms

FIRMS REPORTING 100% OF GROSS REVENUE IN ENVIRONMENTAL SERVICES

RANK		FIRM	REVENUE \$ MIL.	RANK		FIRM	REVENUE \$ MIL.	RANK		FIRM	REVENUE \$ MIL.
2019	2018			2019	2018			2019	2018		
1	1	SUEZ NORTH AMERICA	\$ 1,100.0	11	10	SEVENSON ENVIRONMENTAL	\$ 206.1	21	20	SWCA ENVIRONMENTAL CONSULTANTS	\$ 116.6
2	2	ERM	\$ 983.5	12	13	APEX COMPANIES LLC	\$ 191.3	22	24	ANCHOR QEA LLC	\$ 94.5
3	3	GARNEY HOLDING CO.	\$ 920.4	13	11	SCS ENGINEERS	\$ 190.8	23	21	MAX FOOTE CONSTRUCTION CO., LLC	\$ 93.3
4	4	BROWN AND CALDWELL	\$ 400.2	14	15	P.A.L. ENVIRONMENTAL SAFETY CORP.	\$ 188.1	24	19	ECOLOGY AND ENVIRONMENT INC.	\$ 90.7
5	6	NRC GROUP (FORM. NAT. RESPONSE CORP.)	\$ 360.2	15	**	ENTACT LLC	\$ 156.2	25	**	PATRIOT ENVIRONMENTAL SERVICES	\$ 87.9
6	7	CAROLLO ENGINEERS	\$ 300.5	16	16	TRINITY CONSULTANTS	\$ 151.5	26	26	GROUNDWATER & ENVIRONMENTAL SERVICES INC.	\$ 87.4
7	9	CLEAN EARTH	\$ 284.5	17	18	AMERICAN INTEGRATED SERVICES INC.	\$ 143.5	27	**	HGL	\$ 87.1
8	12	ULLIMAN SCHUTTE CONSTRUCTION LLC	\$ 279.4	18	**	HEPACO LLC	\$ 140.4	28	27	ROUX ASSOCIATES INC.	\$ 84.9
9	5	BAUER RESOURCES GMBH	\$ 276.1	19	14	EA ENGINEERING, SCIENCE, AND TECHNOLOGY INC.	\$ 140.0	29	29	GREELEY AND HANSEN LLC	\$ 82.4
10	8	HAZEN AND SAWYER	\$ 269.6	20	23	ENVIRONMENTAL RESTORATION LLC	\$ 125.0	30	**	AKRF INC.	\$ 79.1

# The Top 20 Firms Working in Non-U.S. Locations

RANK		FIRM	REVENUE \$ MIL.	RANK		FIRM	REVENUE \$ MIL.
2019	2018			2019	2018		
1	1	SALINI IMPREGILO SPA	\$ 1,421.9	11	10	ERM	\$ 440.6
2	3	AECOM	\$ 1,148.2	12	9	MOTT MACDONALD	\$ 407.5
3	2	TETRA TECH INC.	\$ 859.2	13	17	TRADEBE ENVIRONMENTAL SERVICES	\$ 402.7
4	8	JACOBS	\$ 836.9	14	13	ANTEA GROUP NV	\$ 392.1
5	**	WSP	\$ 663.1	15	**	SNC-LAVALIN INC.	\$ 350.6
6	4	GOLDER ASSOCIATES CORP.	\$ 622.4	16	**	BARNARD CONSTRUCTION CO. INC.	\$ 345.5
7	5	CLEAN HARBORS INC.	\$ 586.3	17	16	ARCADIS NV	\$ 336.4
8	20	GHD	\$ 543.9	18	12	BLACK & VEATCH	\$ 314.9
9	6	FLUOR CORP.	\$ 447.1	19	11	BECHTEL CORP.	\$ 312.2
10	7	STANTEC INC.	\$ 444.0	20	18	RAMBOLL	\$ 311.8

A Black & Veatch/Brown and Caldwell design team has been selected to develop a water sustainability blueprint for Winter Haven, Fla. "The planned, integrated master plan will adopt a 'One Water' approach championed by advocacy groups," says Melanie Holmer, Brown and Caldwell water reuse leader.

Says contractor J. Cumby: "Even if funding is delayed, small city and county treatment systems are in need of improvement. If the economy were to slow down, margins will likely decrease but we do not see a slowdown in these sectors." Adds David

**"There will be continued strength in this market sector ... as public awareness increases."**

Steve Nalefski,  
Vice President,  
Burns &  
McDonnell

Wise, president of Harper General Contractors: "We saw an increase in both design-bid-build and alternative delivery projects, which seems to indicate multiple revenue streams for environmental services work. We feel positively about the outlook for the next 12 months."

Burns & McDonnell's Nalefski says his firm "continues to invest" in its environmental services business. "There will be continued strength in this market sector ... as public awareness increases," he says.

*Data support by Gary J. Tulacz and Hillary Swantek*

## How To Read the Top 200 List

**Firms** rank based on the % of 2018 gross revenue reported from environmental services. Figures are in \$ millions; %s are rounded and may not add up to 100. Firm update/clarification is marked by a red number, with footnote on side of list page.

Asterisks (\*\*) indicate firm not ranked on 2018 Top 200 list. Alphabetical listing of firms on 2019 list can be found on p. 56.

**Hazardous/Solid Waste** Chemical

industrial and non-hazardous waste cleanup, management and/or disposal; asbestos and lead abatement.

**Nuclear Waste** Nuclear or radioactive materials remediation, storage or disposal.

**Air** Facility air-pollutant emissions, permitting, energy efficiency and clean energy design and/or construction

**Water** Municipal or industrial water-

system supply and treatment.

**Wastewater Treatment** Municipal or industrial wastewater or stormwater sewers and treatment systems.

**Environmental Management**

Compliance, due diligence, audits and environmental information technology.

**Environmental Sciences** Planning, EIS/EIRs, natural resources, wetlands, modeling.

**Other** Environmental markets not included in the above category descriptions.

**Clients** Work for these types of owners is

shown as a % of environmental revenue: PRIVATE-Corporations, utilities or other. FEDERAL-U.S. agencies, military services or foreign governments.

STATE/LOCAL-State, county or municipal government entities.

**Type of Firm:** Designation based on the largest % of 2018 environmental services revenue in categories described below. Multiple listings appear if the largest % is evenly split between two or more categories or is within 5%.

**DES** Engineering and/or design; **CSL** Consulting and/or studies; **CON** Construction, contracting and/or remediation; **CM-PM** Construction management and/or program management; **EQP** Equipment or device manufacture; **OPS** Contract operations; **R&D** Technology and/or research and development, **OTH** Services not already designated.

RANK 2019	RANK 2018	FIRM	2018 ENVIRONMENTAL REVENUE			TYPE OF WORK LARGEST % OF ENV. REVENUE	MARKETS (% OF ENVIRONMENTAL REVENUE)										CLIENTS (% OF ENV. REV.)		
			TOTAL (IN \$ MIL.)	% OF ALL FIRM REV.	% NON-U.S.		HAZARDOUS WASTE	NUCLEAR WASTE	AIR QUALITY/CLEAN ENERGY	WATER	WASTEWATER TRMT.	ENV. MANAGEMENT	ENV. SCIENCE	OTHER	FEDERAL	STATE/LOCAL	PRIVATE		
1	1	AECOM, New York, N.Y.	4,416.2	22	26	DES-CSL-CM/PM	22	23	6	15	16	6	12	0	38	25	37		
2	2	JACOBS, Dallas, Texas	3,804.3	25	22	CSL	15	25	0	18	18	6	18	0	44	43	13		
3	3	CLEAN HARBORS INC., Norwell, Mass.	3,135.3	95	19	OTH <sup>1</sup>	88	1	0	5	5	1	0	0	5	10	85		
4	4	TETRA TECH INC., Pasadena, Calif.	2,864.0	98	30	CSL	0	0	0	50	8	18	24	0	29	27	44		
5	5	FLUOR CORP., Irving, Texas	2,060.6	11	22	CON	0	93	8	0	0	0	0	0	93	0	8		
6	6	BECHTEL CORP., Reston, Va.	1,836.5	7	17	CON	30	44	9	9	2	0	0	5	72	0	28		
7	8	SALINI IMPREGILO SPA, Milan, Italy	1,610.4	23	88	CON	0	0	0	80	20	0	0	0	0	93	7		
8	7	STANTEC INC., Edmonton, Alberta, Canada	1,226.6	37	36	DES	9	0	2	36	35	7	12	0	5	15	80		
9	10	SUEZ NORTH AMERICA, Paramus, N.J.	1,100.0	100	6	OPS	2	0	0	70	28	0	0	0	0	94	6		
10	9	WOOD PLC, Houston, Texas	1,081.8	11	27	CON	43	7	4	5	6	5	30	0	28	21	51		
11	13	HDR, Omaha, Neb.	1,063.3	45	15	DES-CSL	4	0	12	13	20	2	49	0	12	47	41		
12	12	ARCADIS NV, Amsterdam, Netherlands	989.3	26	34	CSL	67	0	0	6	5	0	22	0	10	21	69		
13	13	ERM, London, England, U.K.	983.5	100	45	CSL	25	0	7	2	0	38	26	2	1	1	98		
14	14	BLACK & VEATCH, Overland Park, Kan.	940.1	27	33	DES	2	0	20	37	40	1	0	0	3	57	40		
15	15	GARNEY HOLDING CO., Kansas City, Mo.	920.4	100	0	CON	0	0	0	62	38	0	0	0	6	82	12		
16	38	WSP, Montreal, Quebec, Canada <sup>2</sup>	872.5	12	76	CSL-CON	20	0	3	24	12	10	25	6	10	15	75		
17	26	GHD, Sydney, New South Wales, Australia	871.7	57	62	CSL	44	0	2	15	7	2	29	0	3	31	66		
18	16	CDM SMITH, Cambridge, Mass.	858.5	80	14	DES	22	0	0	40	38	0	0	0	24	61	15		
19	17	GOLDER ASSOCIATES CORP., Palm Beach Gardens, Fla.	841.1	81	72	DES	31	1	6	8	2	31	11	10	6	12	82		
20	19	KIEWIT CORP., Omaha, Neb.	825.6	9	0	CON	10	0	0	69	21	0	0	0	6	84	9		
21	**	MWH CONSTRUCTORS INC., Broomfield, Colo. <sup>3</sup>	754.6	90	38	CON	0	0	0	34	66	0	0	0	0	35	65		
22	27	RAMBOLL, Copenhagen, Denmark	710.3	34	44	DES	38	0	6	4	18	12	11	11	15	10	75		
23	18	LEIDOS INC., Reston, Va.	661.8	7	0	<sup>5</sup>	33	21	2	9	0	15	14	7	97	0	3		
24	28	SNC-LAVALIN INC., Montreal, Quebec, Canada	644.9	9	54	DES	7	38	4	19	0	9	0	23	49	3	48		
25	35	GILBANE BUILDING CO., Providence, R.I.	627.5	11	9	CON	85	1	0	1	0	12	1	0	18	9	73		
26	22	TRADEBE ENVIRONMENTAL SERVICES, Barcelona, Spain	601.0	95	67	OPS	88	1	0	1	2	1	0	7	1	1	98		
27	20	THE WALSH GROUP, Chicago, Ill.	593.0	14	1	CON	0	0	0	49	45	0	0	6	1	96	4		
28	25	BARNARD CONSTRUCTION CO. INC., Bozeman, Mont.	573.0	67	60	CON	6	0	61	31	2	0	0	0	10	23	67		
29	21	AEGION CORP., Chesterfield, Mo.	526.7	39	27	CON	0	0	0	8	92	0	0	0	1	99	0		
30	24	MOTT MACDONALD, Iselin, N.J.	525.1	25	78	DES	6	12	3	31	37	6	5	0	1	60	39		
31	29	PARSONS CORP., Centreville, Va.	518.3	15	25	DES	41	0	15	16	8	0	20	0	16	61	23		
32	30	ANTEA GROUP N.V., Almere, Netherlands	474.6	18	83	CSL	17	1	4	7	6	59	1	6	13	25	62		
33	31	ICF, Fairfax, Va.	462.4	35	9	CSL	0	0	39	0	0	11	50	1	18	31	51		
34	42	ECC, Burlingame, Calif.	442.8	98	9	CON	96	0	4	0	0	0	0	0	44	52	4		
35	34	BROWN AND CALDWELL, Walnut Creek, Calif.	400.2	100	0	DES	0	0	0	23	58	10	9	0	3	77	20		
36	40	NRC GROUP, Houston, Texas <sup>4</sup>	360.2	100	8	OPS	75	0	0	0	0	0	0	25	5	20	75		
37	32	WEEKS MARINE INC., Cranford, N.J.	353.2	51	12	CM-PM	3	0	0	2	23	0	72	0	75	23	2		
38	44	BURNS & MCDONNELL, Kansas City, Mo.	315.2	9	1	DES-CSL-CM/PM	24	1	2	19	30	9	15	0	3	27	70		
39	43	CAROLLO ENGINEERS, Walnut Creek, Calif.	300.5	100	0	DES	0	0	0	37	63	0	0	0	0	88	12		
40	37	TRC, Lowell, Mass.	293.6	30	1	CSL-CON	57	0	15	0	0	18	10	0	1	4	95		
41	54	WHARTON-SMITH INC., Sanford, Fla.	287.6	63	0	CON	0	0	0	20	80	0	0	0	0	89	11		
42	53	CLEAN EARTH, Hatboro, Pa.	284.5	100	0	CON	88	0	0	0	3	0	0	10	11	24	65		
43	65	ULLIMAN SCHUTTE CONSTRUCTION LLC, Miamisburg, Ohio	279.4	100	0	CON	0	0	0	29	71	0	0	0	0	100	0		
44	48	MCCARTHY HOLDINGS INC., St. Louis, Mo.	279.0	7	0	CON	0	0	62	3	35	0	0	0	0	24	76		
45	55	NORTH WIND GROUP, Idaho Falls, Idaho	277.4	73	0	CON	59	24	0	0	0	6	10	0	95	3	2		
46	39	BAUER RESOURCES GMBH, Schrobenhausen, Germany	276.1	100	100	CON	46	1	0	33	5	0	16	32	0	30	70		
47	46	GEOSYNTEC CONSULTANTS, Boca Raton, Fla.	270.8	85	15	DES-CSL	65	5	4	3	9	10	4	0	8	11	81		
48	47	HAZEN AND SAWYER, New York, N.Y.	269.6	100	1	DES-CSL-CM/PM	0	0	0	30	70	0	0	0	0	96	2		
49	41	PC CONSTRUCTION CO., South Burlington, Vt.	259.1	55	0	CON	0	0	0	52	48	0	0	0	0	97	3		
50	45	BOWEN ENGINEERING CORP., Indianapolis, Ind.	244.2	93	0	CON	0	0	50	13	37	0	0	0	2	30	68		

<sup>1</sup> Firm does hazardous and non-hazardous waste management and transport. <sup>2</sup> WSP acquired Louis Berger in 2018; ranked at No. 50 on the 2018 Top 200 Environmental Firms list. <sup>3</sup> Acquired from Stantec in 2018 by Oaktree Capital Management. <sup>4</sup> Formerly National Response Corp. <sup>5</sup> Firm's leading environ. revenue categories are: R&D, DES, OPS, CM/PM, CSL, CON



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ASRC INDUSTRIAL SERVICES, new  
to the list this year, said on July 1 it  
had acquired Environmental Quality  
Management, ranked at No. 117.

RANK 2019	RANK 2018	FIRM	2018 ENVIRONMENTAL REVENUE			TYPE OF WORK LARGEST % OF ENV. REVENUE	MARKETS (% OF ENVIRONMENTAL REVENUE)										CLIENTS (% OF ENV. REV.)		
			TOTAL (IN \$ MIL.)	% OF ALL FIRM REV.	% OF NON- U.S.		HAZARDOUS WASTE	NUCLEAR WASTE	AIR QUALITY CLEAN ENERGY	WATER	WASTEWATER TRMT.	ENV. MANAGEMENT	ENV. SCIENCE	OTHER	FEDERAL	STATE/LOCAL	PRIVATE		
51	57	WOODARD & CURRAN, Portland, Maine	220.5	98	0	DES	22	0	1	17	42	18	0	1	0	50	50		
52	67	ALBERICI/FLINTCO, St. Louis, Mo.	218.5	10	9	CON	0	0	23	24	53	0	0	0	0	77	23		
53	51	THE KOKOSING GROUP OF COS., Westerville, Ohio	217.6	17	0	CON	1	0	0	24	75	0	0	0	2	87	11		
54	49	LYLES CONSTRUCTION GROUP, Fresno, Calif.	213.7	76	0	CON	0	0	0	73	27	0	0	0	0	97	3		
55	52	PCL CONSTRUCTION, Denver, Colo.	211.2	3	20	CON	0	0	0	73	27	0	0	0	0	77	23		
56	64	CASCADE ENVIRONMENTAL, Bothell, Wash.	210.5	92	2	CON	97	0	0	3	0	0	0	0	9	24	67		
57	56	SEVENSON ENVIRONMENTAL, Niagara Falls, N.Y.	206.1	100	0	CON	100	0	0	0	0	0	0	0	35	2	63		
58	60	WESTON SOLUTIONS INC., West Chester, Pa.	204.6	48	0	CSL-CON	69	1	5	1	9	12	3	0	45	18	37		
59	59	WORLEYPARSONS LTD., North Sydney, New South Wales, Australia	201.0	6	86	CSL	32	0	0	11	1	34	22	0	2	7	91		
60	68	TERRACON CONSULTANTS INC., Olathe, Kan.	198.0	26	0	CSL	71	0	1	1	2	16	9	0	1	19	80		
61	61	CARDNO LTD., Fortitude Valley, Queensland, Australia	196.6	23	17	CSL	0	1	0	8	1	13	79	0	15	18	67		
62	62	ATC GROUP SERVICES LLC, Lafayette, La.	196.4	77	1	CON	13	0	9	0	0	76	0	1	1	13	87		
63	71	APEX COS. LLC, Rockville, Md.	191.3	100	0	CSL	27	0	2	0	28	16	27	0	16	12	72		
64	63	SCS ENGINEERS, Long Beach, Calif.	190.8	100	2	CSL	95	0	0	0	0	5	0	0	1	39	60		
65	76	P.A.L. ENVIRONMENTAL SAFETY CORP., Long Island City, N.Y.	188.1	100	0	CON	100	0	0	0	0	0	0	0	0	23	77		
66	**	REYNOLDS CONSTRUCTION LLC, Orleans, Ind. <sup>6</sup>	182.5	100	0	CON	0	0	0	81	14	0	0	5	0	33	67		
67	82	SUKUT CONSTRUCTION LLC, Santa Ana, Calif.	180.0	52	0	CON	100	0	0	0	0	0	0	0	0	80	20		
68	192	STANLEY CONSULTANTS, Muscatine, Iowa	175.1	19	10	DES	2	0	17	20	24	29	8	0	7	36	59		
69	**	ENTACT LLC, Westmont, Ill.	156.2	100	0	CON	100	0	0	0	0	0	0	0	0	2	98		
70	88	C. OVERAA & CO., Richmond, Calif.	153.4	44	0	CON	0	0	3	33	64	0	0	0	0	93	7		
71	79	TRINITY CONSULTANTS, Dallas, Texas	151.5	100	10	CSL	1	0	62	0	2	14	11	10	1	3	96		
72	75	HALEY & ALDRICH INC., Burlington, Mass.	148.8	70	0	CSL	60	1	10	5	4	15	5	0	1	2	97		
73	72	KLEINFELDER, San Diego, Calif.	147.5	41	8	CM/PM	56	0	0	9	9	16	10	0	3	33	64		
74	84	AMERICAN INTEGRATED SERVICES INC., Wilmington, Calif.	143.5	100	0	CON	100	0	0	0	0	0	0	0	0	6	94		
75	108	HEPACO LLC, Charlotte, N.C.	140.4	100	0	CON	98	0	0	2	0	0	0	0	1	2	97		
76	74	MICHAEL BAKER INTERNATIONAL, Pittsburgh, Pa.	140.2	22	0	CSL	2	0	0	52	18	16	12	0	37	55	8		
77	73	EA ENGINEERING, SCIENCE & TECHNOLOGY INC., Hunt Valley, Md.	140.0	100	0	CSL	55	0	1	2	7	17	18	0	63	21	16		
78	69	CROWDER CONSTRUCTORS INC., Charlotte, N.C.	138.5	42	0	CON	0	0	0	32	68	0	0	0	0	100	0		
79	81	LANGAN, Parsippany, N.J.	134.0	50	6	DES	62	0	2	2	2	15	17	0	5	10	85		
80	93	ALLAN MYERS INC., Wooster, Pa.	129.1	15	0	CON	0	0	0	45	55	0	0	0	0	74	26		
81	99	RICE LAKE CONSTRUCTION GROUP, Deerwood, Minn.	126.8	98	0	CON	0	0	0	43	57	0	0	0	0	81	19		
82	78	NAVARRO RESEARCH AND ENGINEERING INC., Oak Ridge, Tenn.	125.8	81	0	CSL-OPS-CON-CM/PM	8	66	1	1	10	8	6	0	100	0	0		
83	92	ENVIRONMENTAL RESTORATION LLC, Fenton, Mo.	125.0	100	0	CON	100	0	0	0	0	0	0	0	75	3	24		
84	66	BATTELLE, Columbus, Ohio	118.8	2	11	R&D-OPS-CM/PM-CON	7	67	1	1	1	1	23	0	73	3	24		
85	**	ASRC INDUSTRIAL SERVICES, Concord, Calif.	118.0	25	0	CON	47	39	0	13	1	0	0	0	37	21	42		
86	89	SWCA ENVIRONMENTAL CONSULTANTS, Phoenix, Ariz.	116.6	100	0	CSL	0	0	1	0	1	61	36	2	7	12	81		
87	87	CIVIL & ENVIRONMENTAL CONSULTANTS INC., Pittsburgh, Pa.	111.0	70	1	DES	38	0	3	6	16	21	16	0	0	6	94		
88	**	ARTELIA, Choisy le Roi, France	110.9	19	100	DES	10	0	25	23	17	2	23	0	0	60	40		
89	117	NV5 GLOBAL INC., Hollywood, Fla.	108.6	22	0	CSL	2	16	1	12	10	56	3	0	37	23	40		
90	83	CROSSLAND HEAVY CONTRACTORS INC., Columbus, Kan.	104.2	78	0	CON	0	0	0	56	44	0	0	0	0	100	0		
91	96	FREESE & NICHOLS INC., Fort Worth, Texas	102.9	59	0	DES	0	0	0	59	38	0	3	0	1	89	10		
92	103	ENVIRONMENTAL SCIENCE ASSOCIATES, San Francisco, Calif.	95.0	95	0	CSL	0	0	10	12	7	7	56	2	3	57	39		
93	94	ANCHOR QEA LLC, Seattle, Wash.	94.5	100	6	CSL	40	0	0	1	1	7	47	4	11	20	69		
94	90	MAX FOOTE CONSTRUCTION CO. LLC, Mandeville, La.	93.3	100	0	CON	0	0	0	5	96	0	0	0	0	89	11		
95	85	ECOLOGY AND ENVIRONMENT INC., Lancaster, N.Y.	90.7	100	21	DES-CSL	50	1	2	0	1	5	40	1	30	30	40		
96	**	PATRIOT ENVIRONMENTAL SERVICES, Wilmington, Calif.	87.9	100	0	CM/PM	90	0	0	0	10	0	0	0	0	20	80		
97	101	GZA, Norwood, Mass.	87.6	58	0	CSL	28	0	5	7	2	12	42	4	0	10	90		
98	97	GROUNDWATER & ENVIRONMENTAL SERVICES INC., Wall Township, N.J.	87.4	100	3	CON-DES-CSL	24	0	2	9	24	31	10	0	2	6	92		
99	**	HGL, Reston, Va.	87.1	100	0	CON	70	16	0	4	9	0	1	0	95	4	1		
100	111	PARTNER ENGINEERING AND SCIENCE INC., Torrance, Calif.	85.2	53	1	CSL	5	0	7	0	0	88	0	0	5	5	90		

6 Formerly operating as the heavy civil unit of Layne Christensen, which was acquired by Granite Construction in June 2018

RANK 2019	RANK 2018	FIRM	2018 ENVIRONMENTAL REVENUE			TYPE OF WORK LARGEST % OF ENV. REVENUE	MARKETS (% OF ENVIRONMENTAL REVENUE)										CLIENTS (% OF ENV. REV.)		
			TOTAL (IN \$ MIL.)	% OF ALL FIRM REV.	% OF NON-U.S.		HAZARDOUS WASTE	NUCLEAR WASTE	AIR QUALITY/CLEAN ENERGY	WATER	WASTEWATER TRMT.	ENV. MANAGEMENT	ENV. SCIENCE	OTHER	FEDERAL	STATE/LOCAL	PRIVATE		
101	98	ROUX ASSOCIATES INC., Islandia, N.Y.	84.9	100	1	CSL	67	0	1	0	2	5	2	23	0	2	98		
102	77	REMEDIAL CONSTRUCTION SERVICES LP, Houston, Texas	84.6	49	0	DES-CON-CSL-CM/PM	98	0	0	0	2	0	0	0	0	0	100		
103	**	METHUEN CONSTRUCTION CO. INC., Plaistow, N.H.	83.0	69	0	CON	0	0	0	40	52	0	0	8	1	99	0		
104	102	GREELEY & HANSEN LLC, Chicago, Ill.	82.4	100	1	CON	0	0	0	19	81	0	0	0	0	98	2		
105	105	KENNEDY/JENKS CONSULTANTS INC., San Francisco, Calif.	79.1	95	0	DES	12	0	2	34	46	2	3	0	0	68	32		
106	110	AKRF INC., New York, N.Y.	79.1	100	0	DES	20	0	5	5	10	10	50	0	0	60	40		
107	106	JUDY CONSTRUCTION CO., Cynthiana, Ky.	78.9	99	0	CON	0	0	0	19	81	0	0	0	0	100	0		
108	86	M.B. KAHN CONSTRUCTION CO. INC., Columbia, S.C.	78.6	20	0	CON	0	0	0	24	76	0	0	0	0	100	0		
109	114	HATCH LTD., Mississauga, Ontario, Canada	77.8	8	75	CON	0	0	27	22	23	22	8	0	0	7	93		
110	118	ESG OPERATIONS INC., Macon, Ga.	77.1	100	0	OPS	5	0	0	30	50	15	0	0	0	97	3		
111	115	DEWBERRY, Fairfax, Va.	75.8	16	0	DES	4	0	2	24	57	6	7	0	25	65	10		
112	107	EBI CONSULTING, Burlington, Mass.	75.5	87	0	CSL	1	0	2	0	0	97	0	0	2	3	95		
113	118	GANNETT FLEMING, Camp Hill, Pa.	75.0	16	2	DES	9	0	0	60	20	2	9	0	10	50	40		
114	112	THE CADMUS GROUP LLC, Waltham, Mass.	74.1	75	24	CSL	0	0	40	25	0	30	5	0	28	8	64		
115	109	WESTON & SAMPSON ENGINEERS INC., Reading, Mass.	73.2	67	0	DES	12	0	3	22	43	0	0	20	0	82	18		
116	104	THE HASKELL CO., Jacksonville, Fla.	71.7	7	0	CON	0	0	20	0	80	0	0	0	0	70	30		
117	123	ENVIRONMENTAL QUALITY MANAGEMENT INC., Cincinnati, Ohio	68.0	100	5	CON	85	1	9	0	2	3	0	0	85	5	10		
118	127	GEI CONSULTANTS INC., Woburn, Mass.	67.0	39	0	CON	60	0	1	2	0	24	12	0	0	14	86		
118	113	TRIHIDRO CORP., Laramie, Wyo.	66.0	95	0	CSL	64	0	16	5	5	4	6	0	5	12	83		
120	121	BARR ENGINEERING CO., Minneapolis, Minn.	63.3	41	7	CSL	12	0	13	9	3	37	24	2	2	11	87		
121	143	HARPER GENERAL CONTRACTORS, Greenville, S.C.	62.8	27	0	CM/PM	3	0	0	69	28	0	0	8	0	85	15		
122	125	ENSAFE INC., Memphis, Tenn.	62.7	100	2	CSL	40	0	3	3	3	25	23	3	18	16	66		
123	130	BRASFIELD & GORRIE, Birmingham, Ala.	61.0	2	0	CM/PM-CON	0	0	0	4	96	0	0	0	0	93	7		
124	191	POSILLICO ENVIRONMENTAL INC., Farmingdale, N.Y.	60.2	18	0	CM/PM	0	0	0	0	54	46	0	0	0	54	46		
125	137	COMANCO ENVIRONMENTAL CORP., Plant City, Fla.	60.1	96	2	CON	87	1	0	10	2	0	0	0	0	27	73		
126	140	JOHNSON, MIRMIRAN & THOMPSON INC., Hunt Valley, Md.	60.0	21	0	DES	0	0	1	5	25	33	36	0	5	93	2		
127	139	DUDEK, Encinitas, Calif.	58.1	63	0	CSL	5	0	0	5	5	20	65	0	0	26	74		
128	126	ET ENVIRONMENTAL CORP. LLC, Atlanta, Ga.	56.7	100	4	CM/PM	94	0	0	0	5	0	1	0	0	8	92		
129	**	GEO-LOGIC ASSOCIATES, Ontario, Calif.	56.5	100	5	DES	65	0	1	5	3	4	19	3	2	45	53		
130	144	WADE TRIM, Detroit, Mich.	56.2	70	0	DES	0	0	0	16	82	0	2	0	1	75	24		
131	152	VHB, Watertown, Mass.	55.8	20	0	CSL	24	0	2	0	11	2	62	0	8	41	51		
132	160	BAY WEST LLC, St. Paul, Minn.	54.4	100	0	CON	92	0	3	0	3	2	0	0	82	9	9		
133	134	INNOVATIVE CONSTRUCTION SOLUTIONS, Costa Mesa, Calif.	54.2	88	0	CON	75	0	0	15	10	0	0	10	5	20	75		
134	135	GROUND/WATER TREATMENT & TECHNOLOGY LLC, Wharton, N.J.	53.5	100	0	OPS	0	0	0	0	90	0	0	10	5	0	95		
135	147	WENCK ASSOCIATES INC., Maple Plain, Minn.	52.2	82	4	CON-CM/PM	20	0	16	5	9	13	18	19	1	25	74		
136	129	BUILDING CRAFTS INC., Wilder, Ky.	51.4	85	0	CON	0	0	0	41	60	0	0	0	0	77	23		
137	**	AMERICAN TECHNOLOGIES INC., Anaheim, Calif.	51.1	18	0	CON	100	0	0	0	0	0	0	0	0	0	100		
138	174	MCKIM & CREED INC., Raleigh, N.C.	51.0	53	0	DES	0	0	7	25	68	0	0	0	2	68	30		
139	**	RIVER CITY CONSTRUCTION LLC, West Peoria, Ill.	50.3	21	0	CON	0	0	0	32	68	0	0	0	0	68	32		
140	146	TURNER SPECIALTY SERVICES LLC, Baton Rouge, La.	50.0	25	0	OPS	60	0	0	10	30	0	0	0	0	5	95		
141	138	PERMA-FIX ENVIRONMENTAL SERVICES INC., Atlanta, Ga.	49.5	100	13	OPS	15	80	0	0	0	5	0	0	68	2	30		
142	148	TIGHE & BOND INC., Westfield, Mass.	49.0	70	0	DES-CSL	18	0	0	30	36	3	13	0	0	75	25		
143	150	AMERICAN CONTRACTING & ENVIRONMENTAL SERVICES INC., Columbia, Md.	48.5	48	0	CON	0	0	0	10	90	0	0	0	6	94	0		
144	122	RPS GROUP INC., Houston, Texas	47.9	58	15	CSL	0	0	10	0	15	50	25	0	15	0	85		
145	132	D&B ENGINEERS & ARCHITECTS PC, Woodbury, N.Y.	47.2	96	0	DES	27	0	0	10	63	0	0	0	0	95	5		
146	153	FOTH COS., De Pere, Wis.	47.1	23	0	DES	18	0	13	7	9	5	47	0	0	29	71		
147	**	STAAB CONSTRUCTION CORP., Marshfield, Wis.	46.9	99	0	CON	0	0	0	18	81	0	0	1	0	78	22		
148	175	POWER ENGINEERS INC., Hailey, Idaho	46.2	10	0	CSL	4	0	19	0	7	14	56	0	0	20	80		
149	159	HNTB, Kansas City, Mo.	44.3	3	0	DES	0	0	0	13	27	0	56	3	5	89	5		
150	149	ARC ABATEMENT, Waco, Texas	44.2	93	0	CON	100	0	0	0	0	0	0	0	5	15	80		

MARKETS (% OF ENVIRONMENTAL REVENUE)

CLIENTS  
(% OF ENV. REV.)

RANK 2019	RANK 2018	FIRM	2018 ENVIRONMENTAL REVENUE			TYPE OF WORK LARGEST % OF ENV. REVENUE	MARKETS (% OF ENVIRONMENTAL REVENUE)										
			TOTAL (IN \$ MIL.)	% OF ALL FIRM REV.	% OF NON- U.S.		HAZARDOUS WASTE	NUCLEAR WASTE	AIR QUALITY CLEAN ENERGY	WATER	WASTEWATER TRMT.	ENV. MANAGEMENT	ENV. SCIENCE	OTHER	FEDERAL	STATE/LOCAL	PRIVATE
151	142	STRAND ASSOCIATES INC., Madison, Wis.	44.1	52	0	CON	0	0	0	25	75	0	0	0	0	88	12
152	158	PRECISION ENVIRONMENTAL CO., Independence, Ohio	42.5	92	0	DES	100	0	0	0	0	0	0	0	6	9	85
153	131	CAPE ENVIRONMENTAL MANAGEMENT INC., Norcross, Ga.	42.4	44	0	CON	95	0	0	1	2	1	1	0	75	0	25
154	**	MASCARO CONSTRUCTION CO. LP, Pittsburgh, Pa.	42.3	14	0	CON	0	0	0	56	44	0	0	0	0	93	7
155	154	GEO-SOLUTIONS INC., New Kensington, Pa.	41.7	85	5	CON	100	0	0	0	0	0	0	0	30	20	50
156	155	THE VERTEX COS. INC., Weymouth, Mass.	41.7	38	8	CSL	30	0	11	0	1	58	0	0	1	5	94
157	145	EAGLE CONTRACTING LP, Fort Worth, Texas	40.5	100	0	CON	0	0	0	36	64	0	0	0	0	100	0
158	141	GAI CONSULTANTS INC., Homestead, Pa.	39.4	25	0	CSL	23	0	2	1	26	1	49	0	4	12	84
159	163	ENGINEERING CONSULTING SERVICES, Chantilly, Va.	39.4	18	1	CSL	30	0	0	15	0	45	10	0	5	15	80
160	162	S&ME INC., Raleigh, N.C.	38.9	24	0	CSL	35	0	7	0	1	35	22	0	1	29	70
161	171	CABRERA SERVICES INC., East Hartford, Conn.	38.8	100	0	CON	10	58	10	5	5	8	4	0	95	0	5
162	161	INTERA INC., Austin, Texas	38.3	96	6	CSL	26	31	0	31	0	2	10	0	32	35	33
163	166	WRIGHT-PIERCE, Topsham, Maine	37.9	98	0	CON-DES-CSL	0	0	0	25	73	1	1	0	0	94	6
164	169	PARAMETRIX, Seattle, Wash.	37.2	36	0	DES	10	0	1	12	26	1	49	1	3	58	39
165	182	DLZ CORP., Columbus, Ohio	36.6	29	0	DES	5	0	0	30	58	5	2	0	1	79	20
166	164	WHITMAN, REQUARDT & ASSOCIATES LLP, Baltimore, Md.	35.5	24	0	DES	0	0	0	43	40	0	17	0	5	95	0
167	151	T&M ASSOCIATES, Middletown, N.J.	35.1	57	0	CSL-	20	0	10	10	30	25	5	0	5	65	30
168	156	ENERCON SERVICES INC., Kennesaw, Ga.	34.3	16	1	CSL	25	8	1	1	3	22	40	0	1	10	89
169	165	ENVIROTRAC LTD., Yaphank, N.Y.	34.0	100	0	CSL	35	0	5	0	10	40	10	0	0	30	70
170	172	H2M ARCHITECTS + ENGINEERS, Melville, N.Y.	33.4	46	0	DES	16	0	1	29	12	37	1	4	0	39	61
171	168	RJM GROUP INC., Wheaton, Ill.	33.3	100	0	DES	0	0	0	4	96	0	0	0	0	99	1
172	**	TLC DIVERSIFIED INC., Palmetto, Fla.	33.1	100	0	CON	0	0	0	30	70	0	0	0	0	100	0
173	170	1 PRIORITY ENVIRONMENTAL SERVICES LLC, Fort Worth, Texas	32.4	100	0	CON	100	0	0	0	0	0	0	0	24	25	51
174	167	GRESHAM SMITH & PARTNERS, Nashville, Tenn.	32.3	17	0	DES	0	0	0	10	57	0	11	0	0	96	4
175	173	PENNONI, Philadelphia, Pa.	31.9	17	0	CSL	35	0	10	10	10	5	10	20	10	30	60
176	181	ENVIRONMENTAL CONSULTING & TECHNOLOGY INC., Gainesville, Fla.	31.7	100	0	CSL	28	0	6	11	11	12	33	0	0	27	73
177	177	BURGESS & NIPLE INC., Columbus, Ohio	31.5	39	0	CSL	4	0	1	32	45	10	7	0	0	80	20
178	**	GARVER, North Little Rock, Ark.	31.3	25	0	DES	0	0	0	46	39	0	14	0	1	98	1
179	180	CHA CONSULTING INC., Albany, N.Y.	29.9	11	0	DES	19	0	14	17	41	9	1	1	0	53	47
180	178	J. CUMBY CONSTRUCTION INC., Cookeville, Tenn.	29.1	70	0	CON	0	0	0	37	63	0	0	0	0	100	0
181	189	SCHNABEL ENGINEERING, Glen Allen, Va.	28.1	42	0	DES	2	0	0	86	2	4	2	3	9	65	27
182	188	PPM CONSULTANTS INC., Birmingham, Ala.	27.6	100	0	CSL	66	0	14	0	0	15	5	0	1	11	88
183	**	INTEGRAL CONSULTING INC., Seattle, Wash.	27.5	100	1	CSL	25	0	1	5	4	10	35	0	5	12	83
184	186	IREX CONTRACTING GROUP, Lancaster, Pa.	26.6	8	0	CON	73	3	0	0	0	24	0	0	9	23	68
185	179	STV GROUP INC., New York, N.Y.	26.0	5	0	CSL	30	0	10	0	10	20	30	0	5	85	10
186	187	SOVEREIGN CONSULTING INC., Robbinsville, N.J.	25.8	26	0	CSL	86	3	0	5	1	2	3	0	23	2	75
187	183	AUGUST MACK ENVIRONMENTAL, Indianapolis, Ind.	25.4	100	0	CSL	34	0	10	2	6	26	20	2	1	2	97
188	185	JONES EDMUNDS & ASSOCIATES INC., Gainesville, Fla.	25.2	91	0	CSL	15	0	2	23	38	7	14	0	11	86	3
189	193	DONOHUE & ASSOCIATES, Sheboygan, Wis.	24.7	98	0	DES	0	0	0	12	88	0	0	0	0	95	5
190	**	TALON/LPE, Amarillo, Texas	24.4	100	0	CON	80	0	0	2	0	15	3	0	5	25	70
191	184	NORMANDEAU ASSOCIATES INC., Bedford, N.H.	24.3	100	1	CSL	0	0	0	0	0	2	98	0	18	9	73
192	199	JOHNSTON CONSTRUCTION CO., Dover, Pa.	23.5	100	0	CON	1	0	0	45	54	0	0	0	10	85	5
193	200	PM ENVIRONMENTAL INC., Lansing, Mich.	23.3	100	0	CSL	24	0	1	0	0	75	0	0	3	7	90
194	**	ABSCOPE ENVIRONMENTAL INC., Canastota, N.Y.	21.9	100	0	CON	95	0	0	0	0	0	0	0	10	25	65
195	198	EHS SUPPORT LLC., Pittsburgh, Pa.	21.4	100	13	CSL	84	0	0	0	0	16	0	5	3	3	94
196	190	ARM GROUP INC., Hershey, Pa.	21.1	84	0	DES	67	0	2	5	5	20	1	0	0	11	89
197	196	SKELLY & LOY INC., Harrisburg, Pa.	21.0	100	0	CSL	20	0	0	0	19	10	50	1	5	65	30
198	194	PS&S, Warren, N.J.	20.6	46	0	DES	20	0	40	1	20	10	9	0	0	22	78
199	197	EARTHCON CONSULTANTS INC., Marietta, Ga.	20.1	100	19	CSL	70	0	1	1	5	7	3	13	1	4	95
200	157	J. F. AHERN CO., Fond du Lac, Wis.	19.5	5	0	CON	0	0	12	15	73	0	0	0	0	84	16

# Where To Find the Top 200

FIRM	RANK	FIRM	RANK	FIRM	RANK	FIRM	RANK
<b>A</b>		<b>E</b>		<b>J</b>		<b>S</b>	
1 Priority Environmental Services LLC	173	EA Engineering, Science & Tech. Inc.	77	J. Cumby Construction Inc.	180	RJN Group Inc.	171
Abscope Environmental Inc.	194	Eagle Contracting LP	157	J. F. Ahern Co.	200	Roux Associates Inc.	101
AECOM	1	Earthcon Consultants Inc.	199	Jacobs	2	RPS Group Inc.	144
Aegion Corp.	29	EBI Consulting	112	Johnson, Mirmiran & Thompson Inc.	126	<b>S&amp;ME Inc.</b> 160	
AKRF Inc.	106	ECC	34	Johnston Construction Co.	192	Salini Impregilo S.p.A.	7
Alberici/Flintco	52	ecology and environment inc.	95	Jones Edmunds & Associates Inc.	188	Schnabel Engineering	181
Allan Myers Inc.	80	EHS Support LLC.	195	Judy Construction Co.	107	SCS Engineers	64
American Contracting & Envir. Svs. Inc.	143	Enercon Services Inc.	168	<b>K</b>		Sevenson Environmental	57
American Integrated Services Inc.	74	Engineering Consulting Services	159	Kennedy/Jenks Consultants Inc.	105	Skelly & Loy Inc.	197
American Technologies Inc.	137	Ensafe Inc.	122	Kiewit Corp.	20	SNC-Lavalin Inc.	24
Anchor QEA LLC	93	Entact LLC	69	Kleinfelder	73	Sovereign Consulting Inc.	186
Antea Group N.V.	32	Environmental Consulting & Tech. Inc.	176	The Kokosing Group of Cos.	53	Staab Construction Corp.	147
Apex Cos. LLC	63	Environmental Quality Management Inc.	117	<b>L</b>		Stanley Consultants	68
Arc Abatement	150	Environmental Restoration LLC	83	Langan	79	Stantec Inc.	8
Arcadis NV	12	Environmental Science Associates	92	Leidos Inc.	23	Strand Associates Inc.	151
AEM Group Inc.	196	Envirotrac Ltd.	169	Lyles Construction Group	54	STV Inc.	185
Artelia	88	ERM	13	<b>M</b>		Suez North America	9
ASRC Industrial Services	85	ESG Operations Inc.	110	M.B. Kahn Construction Co. Inc.	108	Sukut Construction LLC.	67
ATC Group Services LLC	62	ET Environmental Corp. LLC	128	Mascaro Construction Co. LP	154	SWCA Environmental Consultants	86
August Mack Environmental	187	<b>F</b>		Max Foote Construction Co. LLC	94	<b>T</b>	
<b>B</b>		Fluor Corp.	5	McCarthy Holdings Inc.	44	T&M Associates	167
Barnard Construction Co. Inc.	28	Foth Cos.	146	McKim & Creed Inc.	138	Talon/LPE	190
Barr Engineering Co.	120	Freese & Nichols Inc.	91	Methuen Construction Co. Inc.	103	Terracon Consultants Inc.	60
Battelle	84	<b>G</b>		Michael Baker International	76	Tetra Tech Inc.	4
Bauer Resources GmbH	46	GAI Consultants Inc.	158	Mott MacDonald	30	Tighe & Bond Inc.	142
Bay West LLC	132	Gannett Fleming	113	MWH Constructors Inc.	21	TLC Diversified Inc.	172
Bechtel Corp.	6	Garney Holding Co.	15	<b>N</b>		Tradebe Environmental Services	26
Black & Veatch	14	Garver	178	Navarro Research and Engineering Inc.	82	TRC	40
Bowen Engineering Corp.	50	GEI Consultants Inc.	118	Normandeau Associates Inc.	191	Trihydro Corp.	118
Brasfield & Gorrie	123	Geo-Logic Associates	129	North Wind Group	45	Trinity Consultants,	71
Brown and Caldwell	35	Geo-Solutions Inc.	155	NRC Group	36	Turner Specialty Services LLC	140
Building Crafts Inc.	136	Geosyntec Consultants	47	NV5 Global Inc.	89	<b>U</b>	
Burgess & Niple Inc.	177	GHD	17	<b>P</b>		Ulliman Schutte Construction LLC	43
Burns & McDonnell	38	Gilbane Building Co.	25	P.A.L. Environmental Safety Corp.	65	<b>V</b>	
<b>C</b>		Golder Associates Corp.	19	Parametrix	164	The Vertex Cos. Inc.	156
C. Overaa & Co.	70	Greeley & Hansen LLC	104	Parsons Corp.	31	VHB	131
Cabrera Services Inc.	161	Gresham Smith & Partners	174	Partner Engineering and Science Inc.	100	<b>W</b>	
The Cadmus Group LLC	114	Ground/Water Treatment & Tech. LLC	134	Patriot Environmental Services	96	Wade Trim	130
Cape Environmental Management Inc.	153	Groundwater & Environ. Services Inc.	98	PC Construction Co.	49	The Walsh Group	27
Cardno Ltd.	61	GZA	97	PCL Construction	55	Weeks Marine Inc.	37
Carollo Engineers	39	<b>H</b>		Pennoiri	175	Wenck Associates Inc.	135
Cascade Environmental	56	H2M Architects + Engineers	170	Perma-Fix Environmental Services Inc.	141	Weston & Sampson Engineers Inc.	115
CDM Smith	18	Haley & Aldrich Inc.	72	PM Environmental Inc.	193	Weston Solutions Inc.	58
CHA Consulting Inc.	179	Harper General Contractors	121	Posillico Environmental Inc.	124	Wharton-Smith Inc.	41
Civil & Environmental Consultants Inc.	87	Hatch Ltd.	109	Power Engineers Inc.	148	Whitman, Requardt & Associates LLP	166
Clean Earth	42	Hazen And Sawyer	48	PPM Consultants Inc.	182	Wood plc	10
Clean Harbors Inc.	3	HDR	11	Precision Environmental Co.	152	Woodard & Curran	51
Comanco Environmental Corp.	125	Hepaco LLC	75	PS&S	198	Worleyparsons Ltd.	59
Crossland Heavy Contractors Inc.	90	HGL	99	<b>R</b>		Wright-Pierce	163
Crowder Constructors Inc.	78	HNTB	149	Ramboll	22	WSP	16
<b>D</b>		<b>I</b>		Remedial Construction Services LP	102		
D&B Engineers & Architects PC	145	ICF	33	Reynolds Construction LLC	66		
Dewberry	111	Innovative Construction Solutions	133	Rice Lake Construction Group	81		
DLZ Corp.	165	Integral Consulting Inc.	183	River City Construction LLC	139		
Donohue & Associates	189	Intera Inc.	162				
Dudek	127	International Asbestos Removal Inc.	184				
		Irex Contracting Group	184				