

ENR THE TOP 200

ENVIRONMENTAL FIRMS

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PRECISE A PC Construction (No. 48) crew installs an effluent discharge system in Georgia's Chattahoochee River, taking steps to limit impacts to the river.



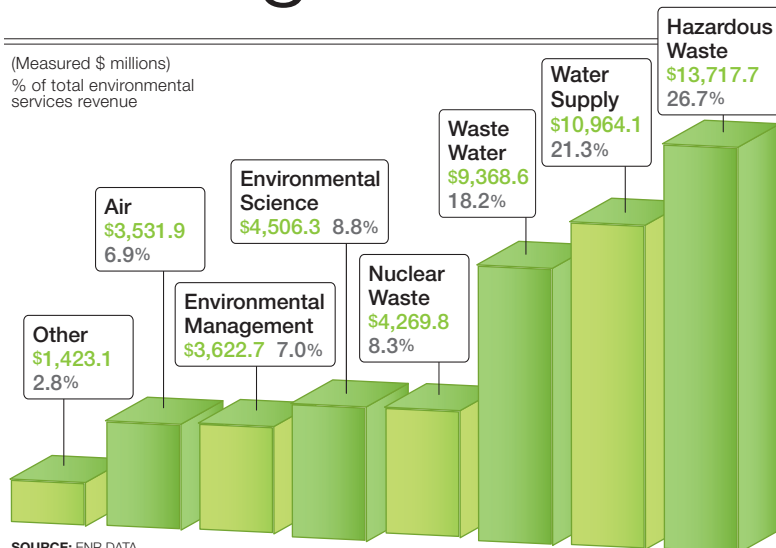
PHOTO COURTESY OF PC CONSTRUCTION

Infrastructure, Nature in Harmony

The Top 200 Environmental Firms seek new approaches to boost and protect natural resources *By Debra K. Rubin, with Bruce Buckley*

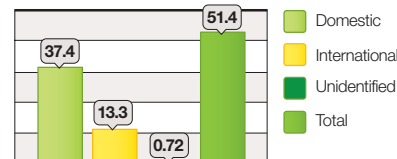


Looking at Markets

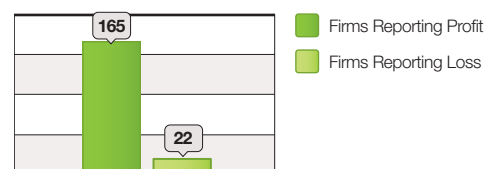


Top 200 Environmental Firms' Revenue

(in \$ billions)



Number of Firms Reporting Profitability Change



Comparing the Past Decade's Top 200 Firm Revenue

(in \$ billions) SOURCE: ENR DATA



Uncertainties in global markets and the unknowns of company participation combined to affect this year's ENR Top 200 Environmental Firms survey results, with the list's total revenue down by 4.3% to \$51.4 billion, based on 2014 figures. The outcome reverses last year's increase and continues an up-and-down trend in effect since 2008. Prior catalysts of surging oil markets and overseas growth both went into reverse, generating a 3.9% decline in domestic revenue for listed environmental services firms and a 7.6% falloff beyond U.S. borders—with Europe alone off 32.5%.

While Top 200 firms say environmental components are more fundamental to projects, work that would trigger use of their services faced cancellation or added delay in many cases, as owners dealt with new realities. Work for both private and federal clients had its challenges in 2014, with each sector down about 5%. "Public clients do not have money and private clients are preserving cash for stock re-purchasing or acquisitions due to slower organic growth," one environmental firm executive reports.

"The drop in oil prices have had far-reaching impacts across a variety of markets and sectors," says Chris Shea, president of the environment and nuclear business group at CH2M, which held onto the Top 200 lead despite a 6% drop in its environmental services revenue. "The most impacted has been our en-



"The most impacted [by oil price drop] has been our environmental planning services ... as clients immediately began to delay or put on hold CAPEX expansion projects."

Chris Shea
Group President,
CH2M

vironmental planning services for the energy sector as clients immediately began to delay or put on hold their CAPEX expansion projects."

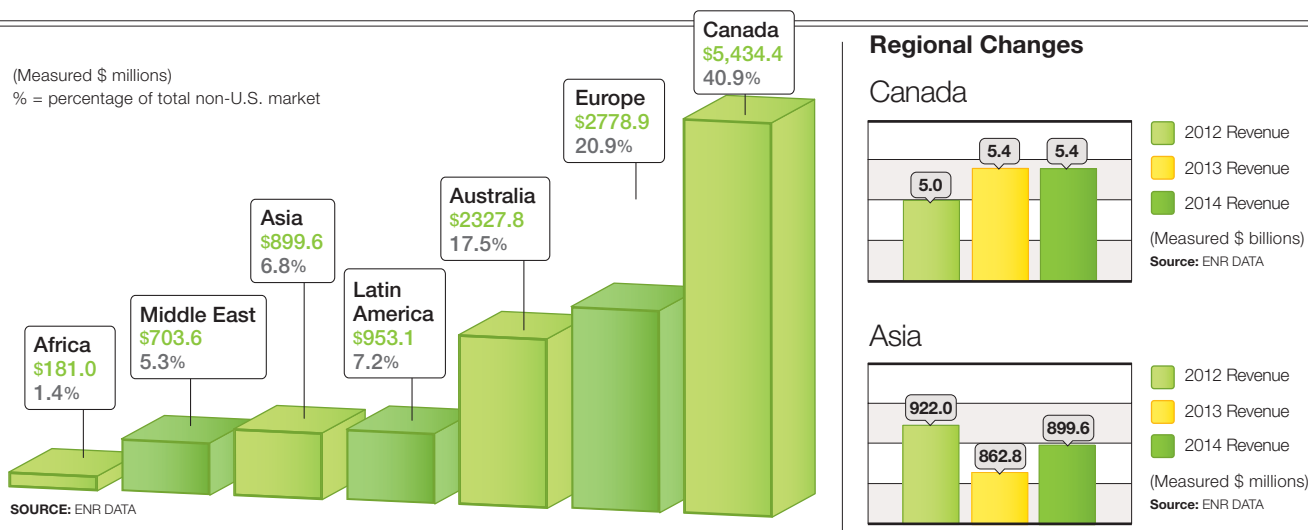
For ARCADIS, with oil & gas its largest private-sector environmental market, the price drop "has become our biggest challenge," says Mark Fenner, director of the firm's global environmental business line. "We expect these conditions with natural resource clients to continue for some time." But Fenner sees emergence of new coal ash regulation as one "new market driver for the next decade or so."

The makeup of listed firms also factors into the Top 200 revenue drop, with changes from an extremely active merger-and-acquisition year in 2014 that saw—among other company consolidations—new links between AECOM and URS, Foster Wheeler and Amec, and WSP Global and Parsons Brinckerhoff. These lowered Top 200 revenue totals for blended firms, in some cases. Also missing in this year's revenue total is that of nuclear waste treatment giant EnergySolutions, which did not participate.

Signs of Optimism

But it was not all gloom and doom for the Top 200. Fluor Corp. rose to the list's Top 10 with a 20% rise in its nuclear waste and air quality-related revenue; its share of non-U.S. work also rose to 20% from

Looking at Global Regions



Environmental Firms Reporting Hiring Changes

117 (Increase)
22 (Decrease)

Environmental Firms Reporting Backlog Changes

130 (Increase)
35 (Decrease)

■ Increase
■ Decrease

(According to firms reporting)
Source: ENR DATA

17%. HDR CEO George Little said the firm is seeing “an increased need for environmental services across all of our U.S. and global markets ... driven by water quality, water availability, and climate change.” En-Safe Inc. and EBI Consulting both rose on the list, with boosted environmental management revenue last year and strong prospects ahead. “Our backlog is up by approximately 20%,” says Ensafé CEO Donald Bradford, noting a 4% hike in proposal awards in the first half of the year. Adds EBI Consulting chief Frank Previte: “We are very optimistic for the environmental services market.”

Joining the list for the first time at No. 45 is Great Lakes Dredge & Dock Corp., which moved through acquisitions last year to capture more work in waste cleanup and coastal protection. In his year-end 2014 corporate earnings announcement earlier this year, firm CEO Jonathan Berger reported a 20.6% revenue rise for its environmental and remediation business, and \$75.3 million in backlog. Other list newcomers that landed in the Top 100 are contractors Envirocon and Brasfield & Gorrie.

Even as the market matures, hazardous waste cleanup and materials management remained dominant, rising 5% last year to \$13.7 billion and growing that sector’s share of Top 200 revenue to 26.7% from 24.3% “We expect the environmental drilling market

7.6%

Drop in international revenue for Top 200 in 2014

50%

Of firms reporting, increase in number of firms posting a loss

143

Of firms reporting, number that expect U.S. markets to improve in the next 12-18 months.

to grow over the next three years, driven by increasing commercial and industrial activity, increasing demand and requirements for environment investigations, and increasing state-level environmental regulations,” says Tom Smith, CEO of Cascade Drilling.

New Realities

Firms are making the best of a slowing federal market. “We’re keeping a reasonable amount of activity,” with clients such as EPA, US Forest Service, and the U.S. Navy for environmental work, says Leslie L. Shoemaker, executive vice president at Tetra Tech, for water, environment and infrastructure. Gilbane Building Co. Senior Vice President Michael Salmon says “there are ancillary markets unique to the federal market that will be climbing,” such as military munitions cleanup. He also highlighted small business set asides as a major trend in federal contracting that is changing working relationships between large and small firms such as on munitions cleanup at Fort Ord, Calif., that Gilbane is soon to complete.

But says CH2M’s Shea: “We have witnessed an evolution in contracting methods with many federal clients as they shift from performance-based contracts to more firm-fixed price as part of an effort to shift risk and prevent cost increases. How these types of acquisitions will affect companies, especially small

The Top Firms by Market Segment

HAZARDOUS WASTE		
Top 20 Revenue: \$9.80 Billion Share of Total Sector Revenue: 71.5%		
2015	2014	\$ MIL.
1	1	CLEAN HARBORS INC. 2331.0
2	6	VEOLIA NORTH AMERICA 953.1
3	3	ARCADIS NV 867.6
4	4	CH2M 772.2
5	**	AECOM (AS URS CORP. IN 2014) 732.1
6	8	BECHTEL CORP. 592.8
7	7	NORTHSTAR GROUP SERVICES INC. 505.8
8	9	AMEC FOSTER WHEELER 479.4
9	**	CB&I 448.5
10	11	PARSONS CORP. 300.3
11	12	GHD INC. 290.4
12	**	NATIONAL RESPONSE CORP. 220.4
13	16	CDM SMITH 202.8
14	13	ENVIRON. RESOURCES MANAGEMENT 190.8
15	19	WESTON SOLUTIONS INC. 165.9
16	14	SEVENSON ENVIRONMENTAL SERVICES 165.7
17	**	ENTACT LLC 149.4
18	**	GEOSYNTEC CONSULTANTS INC. 145.3
19	15	GOLDER ASSOCIATES 145.0
20	**	STANTEC INC. 143.2

WATER TREAT. / SUPPLY		
Top 20 Revenue: \$9.12 billion Share of Total Sector Revenue: 83.6%		
2015	2014	\$ MIL.
1	1	TETRA TECH INC. 1310.4
2	4	AECOM 945.1
3	2	CH2M 932.0
4	3	SUEZ ENVIRONNEMENT NORTH AMERICA 792.3
5	6	BECHTEL CORP. 762.1
6	5	MWH GLOBAL 559.3
7	9	KIEWIT CORP. 513.8
8	10	THE WALSH GROUP LTD. 472.4
9	7	GARNEY HOLDING CO. 458.4
10	8	BLACK & VEATCH 354.2
11	11	VEOLIA NORTH AMERICA 344.8
12	12	CDM SMITH 299.3
13	13	LAYNE CHRISTENSEN CO. 271.4
14	15	PCL CONSTRUCTION ENTERPRISES INC. 259.2
15	16	HDR 195.3
16	17	MCCARTHY HOLDINGS INC. 189.3
17	19	STANTEC INC. 150.8
18	**	ARCADIS NV 128.0
19	**	LOUIS BERGER 98.7
20	**	PEPPER CONSTRUCTION GROUP 83.1

WASTEWATER TREAT.		
Top 20 Revenue: \$6.22 Billion Share of Total Sector Revenue: 66.3%		
2015	2014	\$ MIL.
1	3	VEOLIA NORTH AMERICA 841.0
2	1	CH2M 787.4
3	2	MWH GLOBAL 582.3
4	4	AEGION CORP. 499.2
5	8	AECOM 409.3
6	5	CDM SMITH 407.5
7	7	BLACK & VEATCH 318.0
8	9	LAYNE CHRISTENSEN CO. 317.3
9	10	SUEZ ENVIRONNEMENT NORTH AMERICA 308.6
10	**	THE WALSH GROUP LTD. 254.4
11	18	BROWN AND CALDWELL 174.2
12	6	BECHTEL CORP. 169.4
13	17	ULLIMAN SCHUTTE CONSTRUCTION LLC 169.0
14	15	PC CONSTRUCTION CO. 166.2
15	16	GARNEY HOLDING CO. 157.7
16	19	STANTEC INC. 150.8
17	13	CLEAN HARBORS INC. 129.5
18	14	ARCADIS NV 128.0
19	**	ALLAN MYERS (FORM. AMERICAN INFRA.) 127.1
20	**	HDR 118.9

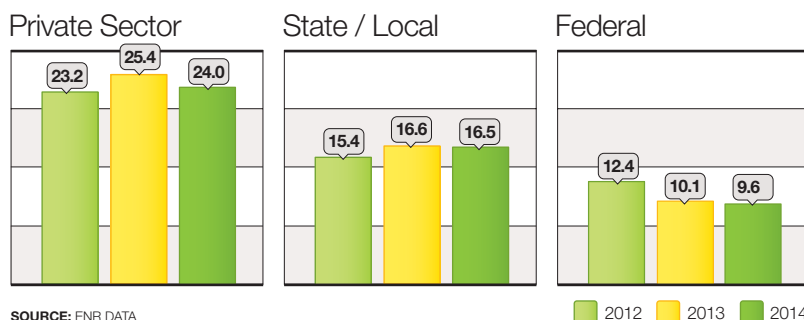
AIR QUALITY		
Top 10 Revenue: \$2.46 Billion Share of Total Sector Revenue: 69.6%		
2015	2014	\$ MIL.
1	**	VEOLIA NORTH AMERICA 608.3
2	4	BECHTEL CORP. 423.4
3	1	BABCOCK & WILCOX ENTERPRISES 306.9
4	3	BLACK & VEATCH 246.6
5	5	ALBERICI CORP. 211.1
6	6	FLUOR CORP. 140.3
7	**	BARNARD CONSTRUCTION CO. INC. 138.8
8	7	GOLDER ASSOCIATES 134.7
9	10	BOWEN ENGINEERING CORP. 134.6
10	9	CASEY INDUSTRIAL INC. 114.0

NUCLEAR WASTE		
Top 10 Revenue: \$4.08 Billion Share of Total Sector Revenue: 95.4%		
2015	2014	\$ MIL.
1	4	FLUOR CORP. 1,123.5
2	2	CH2M 966.2
3	5	BECHTEL CORP. 818.6
4	2	AECOM 802.0
5	8	NORTHSTAR GROUP SERVICES INC. 89.3
6	**	GROUNDWATER & ENV. SVS. INC. 78.2
7	9	PARSONS CORP. 59.3
8	**	PORTAGE INC. 47.6
9	10	PERMA-FIX ENVIRONMENTAL SERVICES 45.6
10	**	NAVARRO RESEARCH AND ENGINEERING 44.7

ENVIRON. MANAGEMENT		
Top 10 Revenue: \$2.12 Billion Share of Total Sector Revenue: 58.7%		
2015	2014	\$ MIL.
1	1	TETRA TECH INC. 413.8
2	3	ENVIRON. RESOURCES MANAGEMENT 359.1
3	2	GOLDER ASSOCIATES 300.4
4	5	ANTEA GROUP 244.4
5	**	ARCADIS NV 199.1
6	4	AECOM (AS URS CORP. IN 2014) 143.1
7	7	ICF INTERNATIONAL 139.7
8	**	CLEAN HARBORS INC. 129.5
9	10	TRC COMPANIES INC. 100.0
10	9	CLEAN EARTH INC. 95.6

ENVIRONMENTAL SCIENCE		
Top 10 Revenue: \$2.96 Billion Share of Total Sector Revenue: 65.6%		
2015	2014	\$ MIL.
1	1	TETRA TECH INC. 459.8
2	4	HDR 399.0
3	3	GOLDER ASSOCIATES 362.6
4	6	CH2M LTD. 327.1
5	7	ENVIRON. RESOURCES MANAGEMENT 285.8
6	8	STANTEC INC. 248.8
7	5	AMEC FOSTER WHEELER 232.4
8	2	AECOM (AS URS CORP. IN 2014) 229.6
9	**	WEEKS MARINE INC. 210.8
10	9	ICF INTERNATIONAL 199.6

Top 200 Environmental Firm Client Breakdown 2012 - 2014 (in \$ billions)



SOURCE: ENR DATA

2012 2013 2014

The Top Firms by Type of Client

PRIVATE			
Top 10 Revenue: \$12.7 Billion			
Share of Total Sector Revenue: 52.8%			
2015	2014		\$ MIL.
1	2	CLEAN HARBORS INC.	2,201.5
2	1	VEOLIA NORTH AMERICA	2,158.5
3	5	BECHTEL CORP.	1,552.5
4	4	TETRA TECH INC.	1,402.4
5	6	CH2M	1,217.3
6	9	ARCADIS NV	981.4
7	7	GOLDER ASSOCIATES	932.4
8	8	ENVIRON. RESOURCES MANAGEMENT	902.4
9	4	AECOM (AS URS IN 2014)	732.1
10	**	AMEC FOSTER WHEELER	596.6

STATE / LOCAL			
Top 10 Revenue: \$7.98 Billion			
Share of Total Sector Revenue: 48.4%			
2015	2014		\$ MIL.
1	1	CH2M	1,597.7
2	3	AECOM	1,131.5
3	2	SUEZ ENVIRONNEMENT NORTH	1,039.9
4	7	MWH GLOBAL	821.2
5	9	THE WALSH GROUP LTD.	690.5
6	4	CDM SMITH	646.9
7	5	VEOLIA NORTH AMERICA	616.7
8	6	GARNEY HOLDING CO.	554.6
9	8	AEGION CORP.	495.2
10	**	ARCADIS NV	384.0

FEDERAL			
Top 10 Revenue: \$6.54 Billion			
Share of Total Sector Revenue: 68.1%			
2015	2014		\$ MIL.
1	1	AECOM (AS URS IN 2014)	1,464.2
2	2	BECHTEL CORP.	1,270.2
3	5	FLUOR CORP.	1,124.8
4	4	CH2M	989.0
5	6	TETRA TECH INC.	620.7
6	7	AMEC FOSTER WHEELER	272.1
7	8	CDM SMITH	241.4
8	**	KIEWIT CORP.	213.0
9	9	LEIDOS	174.3
10	**	PARSONS CORP.	169.5

The Top Firms by Type of Work

CONSTRUCT / REMEDIATION			
Top 10 Revenue: \$7.39 Billion			
Share of Total Sector Revenue: 61.8%			
2015	2014		\$ MIL.
1	1	BECHTEL CORP.	1,806.5
2	4	FLUOR CORP.	961.8
3	**	AECOM	931.8
4	6	KIEWIT CORP.	601.5
5	7	LAYNE CHRISTENSEN CO.	595.3
6	**	THE WALSH GROUP LTD.	581.5
7	**	GARNEY HOLDING CO.	541.6
8	8	NORTHSTAR GROUP SERVICES INC.	505.8
9	5	BLACK & VEATCH	436.1
10	**	AMEC FOSTER WHEELER	425.0

ENGINEERING / DESIGN			
Top 10 Revenue: \$7.01 Billion			
Share of Total Sector Revenue: 60.6%			
2015	2014		\$ MIL.
1	3	AECOM	1,574.0
2	1	CH2M	1,320.0
3	5	BECHTEL CORP.	903.2
4	2	MWH GLOBAL	820.0
5	**	ARCADIS NV	600.2
6	6	TETRA TECH INC.	574.8
7	**	CB&I	481.8
8	7	BLACK & VEATCH	400.8
9	10	CDM SMITH	371.7
10	**	RAMBOLL ENVIRON INC.	340.0

CONSULTING / STUDIES			
Top 10 Revenue: \$7.01 Billion			
Share of Total Sector Revenue: 61.5%			
2015	2014		\$ MIL.
1	1	TETRA TECH INC.	1,609.3
2	2	CH2M LTD.	1,476.0
3	3	AECOM (AS URS IN 2014)	798.7
4	4	ENVIRON. RESOURCES MANAGEMENT	695.6
5	5	GOLDER ASSOCIATES	538.7
6	6	AMEC FOSTER WHEELER	463.7
7	8	ARCADIS NV	445.2
8	7	ICF INTERNATIONAL	399.1
9	**	STANTEC INC.	316.6
10	**	HDR	271.7

CM / PM			
Top 10 Revenue: \$2.52 Billion			
Share of Total Sector Revenue: 59.1%			
2015	2014		\$ MIL.
1	2	CH2M LTD.	669.5
2	3	AEGION CORP.	500.2
3	8	VEOLIA NORTH AMERICA	252.3
4	**	CDM SMITH	207.6
5	9	GOLDER ASSOCIATES	196.8
6	10	LOUIS BERGER	167.0
7	**	THE WALSH GROUP LTD.	145.4
8	**	PEPPER CONSTRUCTION GROUP	128.6
9	**	HDR	127.3
10	**	CLEAN EARTH INC.	121.6

market, specifically in pipeline assessments. “We do quite a bit of environmental work related to the siting, routing and design of pipelines. In spite of prices, we see that as a continued focus,” says Tetra Tech’s Shoemaker. “There’s so much rerouting of how oil and gas moves across the US, there continues to be work there.”

Golder Associates CEO Hisham Mahmoud says energy firms “are now slowly starting to think about where they will continue to develop.” Adds Apex Cos. CEO Peter Ceribelli: “As things continue to stabilize, there will be spending. They have to get products from the well to the consumer. A lot of capital was committed through 2015.”

Versar’s clients “have consolidated requirements into holistic environmental contracts giving growth opportunities to nimble, full-service companies,” says CEO Anthony Otten. “Risk shifting and sharing will allow financially stable environmental firms to partner with clients to offer progressive solutions.”

Downtown redevelopment has become a big driver for Top 200 private-sector work. “One of the reasons we’re continuing to see an uptick in demand for our environmental services is the increased focus on brownfields development,” says Joe Derhake, CEO of Partner Engineering & Science Inc. “Shortage of supply in urban areas is leading many developers to [seek] underutilized land for residential and com-

businesses, over the long term is yet to be determined.”

The drop in oil prices has had a significant impact on environmental work in upstream and downstream sectors says Laura Obloy, senior vice president

and operations manager at Leidos Engineering. She notes “pressure to cut costs and reduce rates for remediation and restoration services on the exploration side.” But Top 200 firms continue to see opportunities in the midstream

The Top 30 All-Environmental Firms

RANK 2015	2014		REVENUE \$ MIL.
1	1	VEOLIA NORTH AMERICA	2,803.3
2	3	SUEZ ENVIR. NORTH AMERICA	1,130.3
3	4	ENVIRON. RESOURCES MANAGEMENT	940.0
4	5	GARNEY HOLDING CO.	616.2
5	6	NORTHSTAR GROUP SERVICES INC.	595.0
6	7	BROWN AND CALDWELL	335.0
7	18	NATIONAL RESPONSE CORP.	220.4
8	10	ULLIMAN SCHUTTE CONSTRUCTION	192.0
9	9	SEVENSON ENVIRONMENTAL	174.4
10	13	CAROLLO ENGINEERS INC.	173.1

RANK 2015	2014		REVENUE \$ MIL.
11	11	HAZEN AND SAWYER P.C.	164.5
12	12	SCS ENGINEERS	155.4
13	15	ENTACT LLC	154.0
14	14	REMEDIAL CONSTRUCTION SERVICES	139.0
15	20	APEX COS. LLC	127.2
16	**	ENVIROCON	127.0
17	**	GROUNDWATER & ENV. SVS. INC.	97.0
18	17	C.H. NICKERSON & CO. INC	95.8
19	22	ENVIRONMENTAL RESTORATION LLC	91.7
20	26	ANCHOR QEA LLC	90.9

RANK 2015	2014		REVENUE \$ MIL.
21	**	J.R. FILANC CONSTRUCTION CO. INC	89.7
22	**	MAX FOOTE CONSTRUCTION CO. INC.	89.0
23	**	HYDROGEOLOGIC INC.	86.6
24	**	ENVIRONMENTAL QUALITY	82.0
25	21	USA ENVIRONMENT LP	82.0
26	28	SWCA ENVIR. CONSULTANTS	80.8
27	24	GREELEY AND HANSEN LLC	73.2
28	27	GEO-SOLUTIONS INC.	71.0
29	**	ROUX ASSOCIATES INC.	70.8
30	**	GSE CONSTRUCTION CO.	70.0

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

RANK 2015	2014		REVENUE \$ MIL.
1	3	BECHTEL CORP.	1,298.4
2	1	CH2M	1,217.3
3	4	TETRA TECH INC.	1,149.5
4	7	AECOM	1,131.5
5	14	GOLDER ASSOCIATES	828.8
6	6	CLEAN HARBORS INC.	751.1
7	5	MWH GLOBAL	709.3
8	9	VEOLIA NORTH AMERICA	560.7
9	10	ENVIRON. RESOURCES MANAGEMENT INC. (ERM)	507.6
10	12	STANTEC INC.	422.1

RANK 2015	2014		REVENUE \$ MIL.
11	11	BLACK & VEATCH	399.9
12	**	ARCADIS NV	398.2
13	13	AMEC FOSTER WHEELER	334.9
14	15	ANTEA GROUP	313.6
15	19	FLUOR CORP.	252.8
16	**	RAMBOLL ENVIRON INC.	233.8
17	18	WSP/PARSONS BRINCKERHOFF	200.2
18	20	AEGION CORP.	165.1
19	14	GHD INC.	162.3
20	**	LOUIS BERGER	142.8

mercial development. We expect to continue to expand our environmental practice to meet this growing demand.”

Going Local

Stormwater issues continue to drive environmental work at the state and municipal levels, says Ceribelli. “It’s a function of the compliance requirements that are there and will continue to be there, he says. Many will be watching the success of the Carlsbad, Calif., seawater desalination plant when it starts operations this fall, to gauge its technology and cost-effectiveness for other drought-plagued areas of the country.

According to AECOM, municipalities have issued \$10 billion in infrastructure bonds between January and March of this year, “the strongest showing since 2010.” Says John W. Braccio, CEO of Wright-Pierce: “Economic conditions continue to improve. Municipalities can no longer delay upgrades to aging infrastructure and need to meet regulations.” Coastal engineering and permitting with a stronger focus on resilience and sustainability also will drive work, says Hatch Mott McDonald.

Firms such as Tetra Tech and PC Construction are involved in innovative efforts in Washington, D.C. to clean up the Anacostia River with tunnels that will store



“There is an opportunity for us to use the same technology that collects data about our health and fitness via wearable devices to collect data for environmental monitoring.”

Neno Duplan,
CEO Locus
Technologies

storm and wastewater for rapid clarification and treatment, but also relying on green infrastructure and water management approaches. When completed early in 2018, the project will boost regional water quality as far away as the Chesapeake Bay, says the contractor, which also is contracted to complete a similar project involving drinking water supply for the City of Atlanta. “The introduction and growth of P3 as a delivery method for water and wastewater treatment projects also has the potential to be a game-changer for the construction industry as a whole,” says PC Construction President Kevin McCarthy.

Dewberry is refining plans for design of the National Mall Underground, a subterranean visitor center that will also function as a stormwater management system, set to be the first of its kind structure in the U.S., says the firm. While the project awaits funding and a government go-ahead, its projected economic benefit was derived using a cost impact tool related to Envision, the new infrastructure sustainability rating system. More Top 200 Firms are embracing the Envision system to measure environmental infrastructure impacts and resilience. “Just as LEED was a game-changer for the building industry, we see Envision as having that same potential for infrastructure projects due to its flexibility in applying to all types of infrastructure while being

technically rigorous and requiring third-party verification,” says Kari Hewitt, VHB sustainability director.

Business Case

Veolia North America CEO Terry Mah says the firm’s Merritt Biomass project in British Columbia is one of the largest biomass plants in North America, that will convert 307,000 metric tons of logging waste annually to produce 40,000MW and avoid discharge of around 95,000 metric tons of CO₂. “Operating a wastewater facility, is as much about energy efficiency as it is chemical or physical treatment,” he adds. “We just helped one of our wastewater treatment clients go energy neutral so the way we look at existing and new projects continues to evolve.”

Mah adds that “for manufacturers, our conversations can range from managing water projects or hazardous waste services to resource recovery projects where we can provide water, solvent, chemical or even product and by-product recovery. We can connect the dots between these services to ... show them how more integrated services will better support their operations.”

Locus Technologies CEO Neno Duplan sees technology, particularly the Internet of Things, as a key tool to systemize what has been—for many private and public-sector entities—an often ad-hoc approach to management of environmental compliance data. “Many companies are flying blind when it comes to EHS compliance and sustainability reporting,” he says. “There is an opportunity for us to use the same technology that collects data about our health and fitness via wearable devices to collect data for environmental monitoring.” He says that sensors that monitor temperature, carbon, or chemicals in the air or water “can give us unprecedented information about a location’s, region’s or the planet’s overall health. If you live in downtown Beijing, knowing about the quality of the air you breathe and the water you drink may help more with making health choices than any amount of monitored exercise.” ■

Top 200 Company Closeup | By Debra K. Rubin

Weston Solutions’ Risk Focus



Weston Solutions’ foray in 2009 into design-build work on a U.S. diplomatic office building in Taiwan didn’t turn out so well when a Chinese subcontractor defaulted and left the firm in financial turmoil by 2013, generating layoffs and a C-suite reshuffle. With that episode now in the rear-view mirror, the West Chester, Pa., consultant (**No. 44**) is staying closer to home and primarily in the environmental services niche in which it has long specialized—but with a keener eye on risk management. “We feel the North American market is a geography in which we can successfully grow and effectively manage risk,” says Alan Solow, who rejoined the firm last year as CEO.

Even with federal market contraction, the firm is banking on new work from a long-time client, the U.S. Environmental Protection Agency, in cleanup of abandoned mines. That effort accelerated last year in a \$5.1-billion federal settlement with Anadarko Petroleum Corp., which assumed liability to clean up hundreds of uranium mines, such as the one pictured, and other facilities once owned by its Kerr-McGee unit. Weston says it also hopes to leverage its innovative nuclear waste management technology into more U.S. Energy Dept. cleanup work. “Weston has been positively impacted by a moderate increase in demand for the environmental services we offer; however the move to low price, technically acceptable bid selections in the federal market—and to a lesser extent, commercial, state and local markets—continues to be a challenge,” Solow says.

How To Read the Top 200 List

Firms are ranked based on the % of 2014 gross revenue for environmental services. Figures are in \$ millions; percents are rounded and may not add up to 100. A company update is marked by number in red, with a detailed footnote on the side of each list page. The list of firm subsidiary names is online at www.enr.com. Firms not ranked on the 2014 list are indicated by two asterisks (**). An alphabetical list of the Top 200 firms can be found on p. 75.

Hazardous/Solid Waste

Chemical and industrial waste cleanup, management and/or disposal; asbestos and lead abatement; non-hazardous waste landfill and recycling facilities

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

Air Facility air-pollutant emissions; permitting and energy efficiency.

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 Firms: Based on the largest % of environmental revenue in categories below. Multiple listings appear if the largest % is evenly split between two or more categories or within 5% of each other.

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 20152014			2014 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	WATER	WASTEWATER TRMT.	ENV. MANAGEMENT	ENV. SCIENCE	OTHER	PRIVATE	FEDERAL	STATE / LOCAL	
1	1	CH2M Englewood, Colo. ¹	3,804.0	62	32	CSL	20	25	1	25	21	0	9	0	32	26	42	
2	7	AECOM Los Angeles, Calif. ²	3,327.8	17	34	DES	22	24	2	28	12	4	7	0	22	44	34	
3	4	BECHTEL CORP. San Francisco, Calif.	2,822.6	8	46	CON	21	29	15	27	6	0	0	2	55	45	0	
4	3	VEOLIA NORTH AMERICA Chicago, Ill.	2,803.3	100	20	OTH/OPS	34	0	22	12	30	2	0	0	77	1	22	
5	6	CLEAN HARBORS INC. Norwell, Mass. ³	2,590.0	76	29	OTH	90	0	0	0	5	5	0	0	85	5	10	
6	5	TETRA TECH INC. Pasadena, Calif.	2,299.0	95	50	CSL	5	0	0	57	0	18	20	0	61	27	12	
7	13	ARCADIS NV Amsterdam, Holland	1,422.3	36	28	DES	61	0	0	9	9	14	7	0	69	4	27	
8	15	FLUOR CORP. Irving, Texas	1,263.8	6	20	CON	0	89	11	0	0	0	0	0	11	89	0	
9	9	MWH GLOBAL Broomfield, Colo.	1,244.3	95	57	DES	0	0	2	45	47	4	2	0	31	3	66	
10	14	SUEZ ENVIRONNEMENT NORTH AMERICA Paramus , N.J.	1,130.3	100	7	OPS	3	0	0	70	27	0	0	0	8	0	92	
11	16	AMEC FOSTER WHEELER Alpharetta, Ga.	1,046.7	16	32	CSL/CON	46	2	3	3	1	4	22	20	57	26	17	
12	10	GOLDER ASSOCIATES Mississauga, Ontario, Canada	1,036.0	87	80	CSL	14	1	13	5	2	29	35	1	90	5	5	
13	17	CDM SMITH Boston, Mass.	965.5	77	11	DES	21	0	3	31	42	1	2	0	8	25	67	
14	11	BLACK & VEATCH Overland Park, Kansas	952.1	31	42	CON/DES	2	0	26	37	33	1	0	0	59	3	38	
15	18	ENVIRON. RESOURCES MANAGEMENT INC. (ERM) London, England, U.K.	940.0	100	54	CSL	20	0	8	0	3	38	30	0	96	3	1	
16	19	HDR Omaha, Neb.	849.0	45	8	DES	12	0	2	23	14	2	47	0	40	18	42	
17	12	CB&I The Woodlands, Texas ⁴	830.6	6	2	DES	54	0	0	1	5	0	0	40	NA	NA	NA	
18	20	STANTEC INC. Edmonton, Alberta, Canada	753.8	33	56	CSL/DES	19	0	3	20	20	3	33	2	72	5	23	
19	30	THE WALSH GROUP LTD. Chicago, Ill.	726.8	16	4	CON	0	0	0	65	35	0	0	0	0	5	95	
20	22	PARSONS CORP. Pasadena, Calif.	652.0	19	16	CSL	46	9	13	5	3	3	22	0	34	26	40	
21	24	KIEWIT CORP. Omaha, Neb.	626.5	6	0	CON	0	0	2	82	16	0	0	0	28	34	38	
22	23	GARNEY HOLDING CO. Kansas City, Mo.	616.2	100	0	CON	0	0	0	74	26	0	0	0	10	0	90	
23	25	LAYNE CHRISTENSEN CO. The Woodlands, Texas	595.3	75	0	CON	0	0	0	46	53	1	0	0	51	1	48	
24	26	NORTHSTAR GROUP SERVICES INC. New York, N.Y.	595.0	100	10	CON	85	15	0	0	0	0	0	0	80	15	5	
25	29	AEGION CORP. St. Louis, Mo.	500.2	38	33	CM-PM	0	0	0	0	100	0	0	0	0	1	99	
26	21	GHD INC. San Francisco, Calif.	427.0	66	38	CON	68	0	8	6	15	2	1	0	80	1	19	
27	38	RAMBOLL ENVIRON INC. Copenhagen, Denmark ⁵	425.0	26	55	DES	26	0	14	0	17	19	10	14	75	20	5	
28	31	ANTEA GROUP Almere, The Netherlands	402.0	14	78	CSL	17	1	1	8	3	61	10	0	64	10	26	
29	32	ICF INTERNATIONAL Fairfax, Va. ⁶	399.1	38	NA	CSL	0	0	0	0	5	35	50	10	NA	NA	NA	
30	39	MCCARTHY HOLDINGS INC. St. Louis, Mo.	338.0	13	0	CON	0	3	27	56	14	0	0	0	5	0	95	
31	36	BROWN AND CALDWELL Walnut Creek, Calif.	335.0	100	0	DES	14	0	0	20	52	0	14	0	29	4	67	
32	28	CARDNO INC. Fortitude Valley, Queensland, Australia	325.2	27	14	CSL	30	0	9	0	2	28	31	0	63	16	21	
33	37	LOUIS BERGER Morristown, N.J.	317.4	35	45	CM-PM	36	0	0	31	10	12	11	0	20	50	30	
34	43	PCL CONSTRUCTION ENTERPRISES INC. Denver, Colo.	315.3	4	23	CON	0	0	0	82	18	0	0	0	0	1	99	
35	27	BABCOCK & WILCOX ENTERPRISES Charlotte, N.C.	306.9	11	24	EQP	0	0	100	0	0	0	0	0	98	0	2	
36	33	LEIDOS Reston, Va.	300.5	6	1	CSL	37	10	21	0	0	10	11	12	25	58	17	
37	34	WEEKS MARINE INC. Cranford, N.J.	288.8	47	22	CON	0	0	0	12	15	0	73	0	3	42	55	
38	41	TRC COMPANIES INC. Lowell, Mass.	273.3	53	1	CSL	44	0	12	0	0	37	7	0	80	2	18	
39	62	BARNARD CONSTRUCTION CO. INC. Bozeman, MT	270.5	65	6	CON	0	0	51	24	0	0	0	25	79	2	19	
40	42	WSP/PARSONS BRINCKERHOFF Montreal, Quebec, Canada	260.0	7	77	CSL/CON	40	0	10	3	3	10	30	5	70	10	20	
41	35	ALBERICI CORP. St. Louis, Mo.	246.6	23	19	CON	0	0	86	6	9	0	0	0	87	0	13	
42	51	BOWEN ENGINEERING CORP. Indianapolis, Ind.	232.1	95	0	CON	0	0	58	21	21	0	0	0	65	10	25	
43	44	KLEINFELDER San Diego, Calif.	228.0	60	12	CSL/DES	38	3	7	21	9	11	10	1	44	8	48	
44	45	WESTON SOLUTIONS INC. West Chester, Pa.	220.9	70	0	CSL	75	2	5	5	2	7	1	5	26	60	14	
45	**	GREAT LAKES DREDGE & DOCK Oak Brook, Ill.	220.7	24	0	CON	55	0	0	0	0	0	0	11	58	27	15	
46	68	NATIONAL RESPONSE CORP. Great River, N.Y.	220.4	100	24	OTH/OPS	100	0	0	0	0	0	0	0	96	1	3	
47	48	GEOSYNTEC CONSULTANTS INC. Atlanta, Ga.	220.2	88	21	CSL	66	6	3	5	11	6	4	0	84	6	10	
48	47	PC CONSTRUCTION CO. South Burlington, Vt.	206.2	46	0	CON	0	0	0	19	81	0	0	0	0	3	97	
49	50	ULLIMAN SCHUTTE CONSTRUCTION LLC Miamisburg, Ohio	192.0	100	0	CON	0	0	0	12	88	0	0	0	0	8	92	
50	52	BURNS & MCDONNELL Kansas City, Mo.	177.7	7	0	DES	43	3	10	11	22	8	3	0	93	4	3	

FOOTNOTES: 1 NAME CHANGE FROM CH2M HILL IN APRIL 2015; 2 COMBINED REVENUE TOTAL FOR AECOM AND URS CORP. AS RESULT OF AECOM'S OCTOBER 2014 ACQUISITION OF URS; 3 FIRM REPORTS 88% OF REVENUE IN HAZARDOUS WASTE TRANSPORTATION AND DISPOSAL, ENVIR. CLEANING AND EMERGENCY RESPONSE; 4 FIRM DECLINES TO REPORT REVENUE DATA FOR CLIENT SECTORS; 5 FORMERLY ENVIRON HOLDINGS. FIRM WAS ACQUIRED BY RAMBOLL GROUP A/S, COPENHAGEN, DENMARK IN DECEMBER 2014; 6 FIRM DECLINES TO REPORT REVENUE DATA FOR CLIENT SECTORS

RAMBOLL ENVIRON is the new entity that emerged after list veteran ENVIRON Holdings was bought last December by Danish engineer Ramboll Group A/S.

RANK 2015			2014 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	WATER	WASTEWATER TRMT.	ENV. MANAGEMENT	ENV. SCIENCE	OTHER	PRIVATE	FEDERAL	STATE / LOCAL		
51	46	SEVENSON ENVIRONMENTAL SERVICES INC	Niagara Falls, N.Y.	174.4	100	0	CON	95	0	0	0	0	0	0	5	56	39	5	
52	57	CAROLLO ENGINEERS INC.	Walnut Creek, Calif.	173.1	100	0	DES	0	0	0	36	64	0	0	0	5	0	95	
53	54	HAZEN AND SAWYER P.C.	New York, N.Y.	164.5	100	3	DES	0	0	0	29	71	0	0	0	2	0	98	
54	58	CLEAN EARTH INC.	Hatboro, Pa.	162.1	99	0	CM-PM	17	0	0	0	0	59	0	24	41	9	50	
55	67	WOODARD & CURRAN INC.	Portland, Maine	155.6	94	0	DES	18	0	3	14	42	23	0	0	60	0	40	
56	56	SCS ENGINEERS	Long Beach, Calif.	155.4	100	2	DES	74	0	0	0	0	26	0	0	62	3	35	
57	63	ENTACT LLC	Grapevine, Texas	154.0	100	0	CSL	97	0	0	0	3	0	0	0	98	0	2	
58	71	ALLAN MYERS*	Worcester, Pa. ⁷	149.9	27	0	CON	0	0	0	15	85	0	0	0	20	0	80	
59	55	WHARTON-SMITH INC.	Lake Monroe, Fla.	149.1	76	0	CON	0	0	0	44	56	0	0	0	3	2	95	
60	53	O'BRIEN & GERE	Syracuse, N.Y.	144.3	78	0	CSL	58	0	4	8	25	5	1	0	72	2	26	
61	69	TERRACON CONSULTANTS INC.	Olathe, Kansas	144.0	30	0	CSL	65	0	1	1	2	24	7	0	85	2	13	
62	92	LYLES CONSTRUCTION GROUP	Fresno, Calif.	142.9	66	0	CON	0	0	0	25	75	0	0	0	8	0	92	
63	59	REMEDIAL CONSTRUCTION SERVICES L.P.	Houston, Texas	139.0	100	26	CON	100	0	0	0	0	0	0	0	100	0	0	
64	82	RICE LAKE CONSTRUCTION GROUP	Deerwood, Minn.	134.4	90	31	CON	0	0	0	25	75	0	0	0	35	0	65	
65	73	PEPPER CONSTRUCTION GROUP	Chicago, Ill.	134.0	16	0	CM-PM	4	0	0	62	34	0	0	0	4	0	96	
66	40	WORLEYPARSONS LTD.	North Sydney, NSW, Australia	132.6	2	95	CSL-DES	16	0	0	26	23	0	35	0	99	0	1	
67	61	MICHAEL BAKER INTERNATIONAL	Pittsburgh, Pa.	128.9	22	0	DES	5	0	0	60	12	0	23	0	10	50	40	
68	75	APEX COS. LLC	Rockville, Md.	127.2	100	0	CSL/CON/CM-PM	27	0	4	6	23	26	14	0	79	3	18	
69	**	ENVIROCON	Missoula, Mont.	127.0	100	12	CON	69	11	0	0	0	0	0	20	85	11	4	
70	84	ATKINS NORTH AMERICA	Tampa, Fla.	126.2	20	3	CSL	0	2	0	10	12	26	51	0	24	21	55	
71	64	ECOLOGY AND ENVIRONMENT INC.	Lancaster, N.Y.	124.0	97	36	CSL	22	1	2	2	4	6	47	18	38	44	18	
72	60	SNC-LAVALIN INC.	Montreal, Quebec, Canada	123.0	2	100	CSL	1	0	4	8	0	0	87	0	70	15	15	
73	70	HATCH MOTT MCDONALD	Iselin, N.J.	119.7	22	30	DES	7	0	2	32	52	2	5	0	7	1	92	
74	93	CASEY INDUSTRIAL INC.	Westminster, Colo.	114.0	61	0	CON	0	0	100	0	0	0	0	0	100	0	0	
75	80	EA ENGINEERING, SCIENCE, AND TECHNOLOGY INC.	Hunt Valley, Md.	106.6	88	0	CSL	51	0	2	1	7	17	22	0	16	59	25	
76	88	HALEY & ALDRICH INC.	Burlington, Mass.	101.9	70	0	CSL	58	2	5	5	5	10	5	10	98	1	1	
77	66	GILBANE BUILDING CO.	Providence, R.I.	101.7	3	47	CON	60	15	5	0	10	10	0	0	0	100	0	
78	94	TRINITY CONSULTANTS	Dallas, Texas	99.1	94	9	CSL	0	0	70	0	1	7	1	0	97	2	1	
79	81	LOS ALAMOS TECHNICAL CONSULTANTS INC.	Albuquerque, N.M.	98.9	90	0	CON	18	81	0	1	0	0	0	0	3	97	0	
80	78	GROUNDWATER & ENVIRONMENTAL SERVICES INC.	Neptune, N.J.	97.0	100	3	CSL-CON	25	2	2	18	21	27	5	0	93	4	3	
81	65	C.H. NICKERSON & CO. INC	Torrington, Conn.	95.8	100	0	CON	0	0	0	31	69	0	0	0	0	90	10	
82	90	ENVIRONMENTAL RESTORATION LLC	St. Louis, Mo.	91.7	100	0	CON	100	0	0	0	0	0	0	0	23	74	3	
83	98	ANCHOR QEA LLC	Seattle, Wash. ⁸	90.9	100	3	CSL	0	0	0	0	1	0	17	82	70	8	22	
84	**	J.R. FILANC CONSTRUCTION CO. INC.	Escondido, Calif.	89.7	100	0	CON	0	0	0	32	68	0	0	0	3	21	76	
85	**	HATCH GROUP	Mississauga, Ontario, Canada ⁹	89.0	5	84	DES	0	0	14	2	19	52	13	0	83	0	17	
86	85	MAX FOOTE CONSTRUCTION CO. INC.	Mandeville, La.	89.0	100	0	CON	0	0	0	16	84	0	0	0	9	0	91	
87	126	CASCADE DRILLING L.P.	Woodinville, Wash.	88.7	87	0	CSL	90	0	0	0	0	10	0	0	79	17	4	
88	111	HYDROGEOLOGIC INC.	Reston, Va.	86.6	100	1	CON	63	0	0	0	8	3	8	18	0	98	2	
89	72	CROWDER CONSTRUCTION CO.	Charlotte, N.C.	83.1	38	0	CON	0	0	0	5	95	0	0	0	0	0	100	
90	95	CIVIL & ENVIRONMENTAL CONSULTANTS INC.	Pittsburgh, Pa.	82.9	74	0	DES/CON	28	0	16	4	27	17	8	0	94	0	6	
91	89	GZA GEOENVIRONMENTAL INC.	Norwood, Mass.	82.1	69	0	CSL	26	0	5	1	2	17	47	2	93	1	6	
92	118	ENVIRONMENTAL QUALITY MANAGEMENT INC.	Cincinnati, Ohio	82.0	100	2	CON	70	0	15	0	7	8	0	0	15	80	5	
93	87	USA ENVIRONMENT LP	Houston, Texas	82.0	100	0	CON	80	10	0	5	5	0	0	0	98	1	1	
94	100	SWCA ENVIRONMENTAL CONSULTANTS	Phoenix, Ariz.	80.8	100	1	CSL	0	0	1	3	0	44	50	3	76	7	17	
95	101	SHOOK CONSTRUCTION CO.	Dayton, Ohio	80.6	42	0	CON	0	0	0	48	52	0	0	0	0	0	100	
96	83	CROSSLAND HEAVY CONTRACTORS INC.	Columbus, Kansas	80.1	91	0	CON	0	0	0	58	42	0	0	0	0	0	100	
97	109	LANGAN ENGINEERING & ENVIRONMENTAL SERVICES	Elmwood Park, N.J.	77.0	40	0	DES/CSL	50	0	2	2	6	20	20	0	97	1	2	
98	112	KENNEDY/JENKS CONSULTANTS INC.	San Francisco, Calif.	75.8	90	0	DES	1	0	1	30	40	29	0	0	23	1	76	
99	110	EBI CONSULTING	Burlington, Mass.	75.1	96	0	CSL	13	0	1	0	0	83	4	0	97	2	1	
100	**	BRASFIELD & GORRIE L.L.C.	Birmingham, Ala.	74.2	3	0	CON	0	0	0	33	67	0	0	0	19	0	81	

FOOTNOTES: ⁷ FIRM WAS FORMERLY AMERICAN INFRASTRUCTURE

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⁸ FIRM REPORTS 82% OF ITS ENVIRONMENTAL SERVICES REVENUE IN SEDIMENT MANAGEMENT
⁹ FIRM IS REPORTING SEPARATELY FROM HATCH MOTT MCDONALD, ALSO RANKED ON THE TOP 200

RANK			2014 ENVIRONMENTAL REVENUE			TYPE OF WORK	MARKETS (% OF ENVIRONMENTAL REVENUE)										CLIENTS (% OF ENV. REV.)	
2015	2014		TOTAL (IN \$ MIL.)	% OF ALL FIRM REV.	% OF NON-U.S.		HAZARDOUS WASTE	NUCLEAR WASTE	AIR	WATER	WASTEWATER TRMT.	ENV. MGMT.	ENV. SCIENCE	OTHER	PRIVATE	FEDERAL	STATE / LOCAL	
101	96	GREELEY AND HANSEN LLC Chicago, Ill.	73.2	100	0	DES	0	0	0	8	92	0	0	0	3	0	97	
102	99	GEO-SOLUTIONS INC. New Kensington, Pa.	71.0	100	43	CON	100	0	0	0	0	0	0	0	91	8	1	
103	106	ENERCON SERVICES INC. Kennesaw, Ga.	71.0	28	1	CSL	17	7	4	0	0	28	44	0	62	28	10	
104	105	ROUX ASSOCIATES INC. Islandia, N.Y.	70.8	100	1	CSL	63	0	1	0	5	6	5	20	99	0	1	
105	122	GSE CONSTRUCTION CO. Livermore, Calif.	70.0	100	0	CM-PM	0	0	0	50	50	0	0	0	20	0	80	
106	77	THE CONTI GROUP Edison, N.J.	69.5	25	1	CON	42	0	0	58	0	0	0	0	10	79	11	
107	91	MEB GENERAL CONTRACTORS INC. Chesapeake, Va.	68.4	64	0	CON	0	0	0	25	75	0	0	0	0	0	100	
108	104	THE CADMUS GROUP INC. Waltham, Mass.	66.9	100	1	CSL	0	0	60	40	0	0	0	0	65	25	10	
109	131	NORTH WIND GROUP Idaho Falls, Idaho	65.6	91	0	CON	72	15	0	0	0	10	4	0	6	92	2	
110	180	DENOVO CONSTRUCTORS INC. Chicago, Ill.	64.8	95	2	CON	90	0	0	0	0	0	0	10	97	0	3	
111	86	GANNETT FLEMING INC. Harrisburg, Pa.	64.7	20	2	DES	17	0	0	55	17	4	7	0	40	10	50	
112	79	ECC Burlingame, Calif.	64.2	15	7	CON	54	42	0	2	2	0	0	0	2	98	0	
113	107	BUREAU VERITAS Fort Lauderdale, Fla.	63.5	99	0	CSL	19	0	11	2	6	62	0	0	90	3	7	
114	129	HASKELL Jacksonville, Fla.	63.2	11	0	CON	0	0	0	16	84	0	0	0	19	0	81	
115	114	TRIHYDRO CORP. Laramie, Wyo.	61.9	90	0	DES/CSL/CON/CM-PM	50	0	15	7	10	11	7	0	88	6	6	
116	117	WESTON & SAMPSON ENGINEERS INC. Peabody, Mass.	61.4	92	0	DES	9	0	0	27	41	8	3	12	15	1	84	
117	120	JUDY CONSTRUCTION CO. Cynthiana, Ky.	61.4	97	0	CON	0	0	0	23	77	0	0	0	0	0	100	
118	103	ET ENVIRONMENTAL CORP. LLC Atlanta, Ga.	60.4	100	6	CM-PM	82	0	0	0	16	0	2	0	95	0	5	
119	127	DUDEK Encinitas, Calif.	60.0	100	0	CSL	0	0	1	1	1	3	94	0	50	0	50	
120	119	ENVIRONMENTAL SCIENCE ASSOCIATES San Francisco, Calif.	60.0	100	0	CSL	10	0	0	10	15	25	40	0	39	3	58	
121	128	BARR ENGINEERING CO. Edina, Minn.	58.9	46	2	CSL	26	0	28	5	4	20	16	2	90	0	10	
122	123	VERSAR INC. Springfield, Va.	58.8	53	0	CSL	25	0	8	0	0	19	48	0	7	84	9	
123	115	CAPE ENVIRONMENTAL MANAGEMENT INC. Norcross, Ga.	57.7	51	0	CON	87	0	0	0	1	1	0	11	42	58	0	
124	97	PERMA-FIX ENVIRONMENTAL SERVICES Atlanta, Ga.	57.0	47	2	OPS	15	80	0	0	0	5	0	0	33	65	2	
125	124	GAI CONSULTANTS INC. Pittsburgh, Pa.	56.7	48	0	CSL	11	0	0	4	4	0	76	5	93	2	5	
126	116	PORTAGE INC. Idaho Falls, Idaho	56.0	100	0	CON	0	85	0	0	0	15	0	0	0	100	0	
127	136	GEI CONSULTANTS INC. Woburn, Mass.	54.9	45	1	CSL	82	0	1	4	1	10	3	0	93	1	6	
128	113	T. A. LOVING CO. Goldsboro, N.C.	52.3	45	0	CM-PM	0	0	0	54	46	0	0	0	5	5	90	
129	141	ESG OPERATIONS INC. Macon, Ga.	52.0	100	1	OPS	0	0	0	35	60	2	3	0	5	0	95	
130	**	NAVARRO RESEARCH AND ENGINEERING INC. Oak Ridge, Tenn.	52.0	74	0	CON	10	86	1	1	1	1	0	0	0	100	0	
131	133	ENSAFE INC. Memphis, Tenn.	51.8	100	1	CSL	16	0	5	0	1	72	7	0	63	23	14	
132	121	TRAYLOR BROS. INC. Evansville, Ind.	51.5	16	0	CON	0	0	0	100	0	0	0	0	0	0	100	
133	125	HEPACO LLC Charlotte, N.C. ¹⁰	51.3	100	0	OTH	98	0	0	0	2	0	0	0	99	0	1	
134	137	AKRF INC. New York, N.Y.	50.7	100	0	CSL	20	0	5	5	10	10	50	0	40	0	60	
135	147	SLAYDEN CONSTRUCTION GROUP INC. Stayton, Ore.	50.0	64	0	CON	0	0	0	53	47	0	0	0	1	10	89	
136	140	DEWBERRY Fairfax, Va.	48.8	13	0	DES	6	0	3	29	51	5	6	0	10	25	65	
137	134	DLZ Columbus, Ohio	48.6	48	15	DES	5	0	0	8	80	3	4	0	30	0	70	
138	135	POSILILCO ENVIRONMENTAL INC. Farmingdale, N.Y.	48.5	21	0	CON	100	0	0	0	0	0	0	0	95	0	5	
139	130	KCI TECHNOLOGIES INC. Sparks, Md.	47.2	29	0	DES	4	0	0	22	34	16	24	0	20	10	70	
140	150	EFFECTIVE ENVIRONMENTAL INC. Lancaster, Texas	46.8	100	0	OPS	100	0	0	0	0	0	0	0	85	5	10	
141	139	PROFESSIONAL SERVICE INDUSTRIES INC. (PSI) Oakbrook Terrace, Ill.	45.5	16	0	CSL	40	0	0	0	0	50	10	0	80	5	15	
142	138	CHARTER CONTRACTING CO. LLC Boston, Mass. ¹¹	45.0	100	0	CON	100	0	0	0	0	0	0	0	60	25	15	
143	148	WADE TRIM GROUP Detroit, Mich.	42.4	71	0	DES	0	0	0	21	72	0	7	0	10	1	89	
144	170	PARTNER ENGINEERING & SCIENCE INC. Torrance, Calif.	42.0	56	2	CSL	10	0	10	0	0	80	0	0	90	5	5	
145	145	IREX CONTRACTING GROUP Lancaster, Pa.	41.6	17	0	CON	90	0	0	0	0	10	0	0	99	1	0	
146	151	ONEIDA TOTAL INTEGRATED ENTERPRISES LLC (OTIE) Milwaukee, Wisc.	39.1	69	9	CSL	74	0	0	3	2	13	7	0	12	76	12	
147	160	COMANCO ENVIRONMENTAL CORP. Plant City, Fla.	38.4	100	0	CON	97	0	0	0	3	0	0	0	82	0	18	
148	158	WHITMAN, REQUARDT AND ASSOCIATES LLP Baltimore, Md.	38.3	33	0	DES	0	0	0	34	48	0	18	0	0	0	100	
149	155	PRECISION ENVIRONMENTAL CO. Independence, Ohio	38.1	95	0	CON	100	0	0	0	0	0	0	0	75	10	15	
150	182	WENCK ASSOCIATES INC. Maple Plain, Minn.	37.5	85	5	CSL	20	0	14	6	8	12	35	5	70	5	25	

FOOTNOTES: 10 FIRM DESCRIBES ITS PRIMARY TYPE OF WORK AS EMERGENCY RESPONSE.
11 FORMERLY CHARTER ENVIRONMENTAL INC.

BABCOCK & WILCOX split off its nuclear technology business on July 1; air quality services will remain within the existing power generation-focused company.

RANK 2015			2014 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	WATER	WASTEWATER TRMT.	ENV. MGMT.	ENV. SCIENCE	OTHER	PRIVATE	FEDERAL	STATE / LOCAL	
151	**	T&M ASSOCIATES Middletown, N.J.	37.1	60	0	CSL	15	0	1	22	29	26	7	0	25	1	74	
152	156	BAY WEST LLC St. Paul, Minn.	37.1	100	0	CON	93	0	3	0	2	2	0	0	9	78	13	
153	**	M.B. KAHN CONSTRUCTION CO. INC. Columbia, S.C.	37.0	19	0	CON	0	0	0	52	48	0	0	0	0	0	100	
154	149	TURNER SPECIALTY SERVICES LLC Baton Rouge, La.	36.7	30	0	OPS	30	0	0	10	60	0	0	0	95	0	5	
155	**	D&B ENGINEERS AND ARCHITECTS PC Woodbury, N.Y.	36.0	95	0	DES	25	0	0	7	68	0	0	0	5	0	95	
156	144	S&ME INC. Raleigh, N.C.	36.0	27	0	CSL	30	1	2	0	2	40	25	0	75	5	20	
157	177	LEGGETTE, BRASHEARS & GRAHAM INC. Shelton, Conn.	34.5	100	0	CON/CSL	54	0	1	21	3	18	3	0	82	0	18	
158	194	ENVIRONMENTAL COMPLIANCE SERVICES INC. Agawam, Mass.	34.2	100	1	CON	75	0	2	2	0	21	0	0	70	2	28	
159	132	ENGINEERING/REMEDIATION RESOURCES GRP. (ERRG) Martinez, Calif.	33.8	100	0	CON	85	0	0	0	10	5	0	0	20	62	18	
160	161	TIGHE & BOND INC. Westfield, Mass.	33.3	73	0	DES/CSL	6	0	0	22	40	20	12	0	40	0	60	
161	**	FOTH COS. De Pere, Wisc.	33.0	25	8	CSL	35	0	15	1	5	2	42	0	68	1	31	
162	163	PARAMETRIX INC. Puyallup, Wash.	32.2	55	0	DES	17	0	0	12	19	0	52	0	25	14	61	
163	162	BURGESS & NIPLE INC. Columbus, Ohio	32.0	42	0	CSL	2	0	1	34	52	11	0	0	20	0	80	
164	159	BUILDING CRAFTS INC. Wilder, Ky.	31.7	91	0	CON	0	0	0	11	0	89	0	0	8	0	92	
165	173	WRIGHT-PIERCE Topsham, Maine	31.4	97	0	DES/CON	1	0	0	20	77	1	1	0	5	0	95	
166	179	EORM San Jose, Calif.	30.7	99	12	CSL	3	0	1	0	0	38	0	58	95	1	4	
167	172	ENVIROTRAC LTD. Yaphank, N.Y.	30.7	99	0	DES/CSL	75	0	10	0	5	0	10	0	90	0	10	
168	102	CREAMER ENVIRONMENTAL INC. Cedar Grove, N.J.	30.6	100	0	CON	100	0	0	0	0	0	0	0	99	0	1	
169	171	STRAND ASSOCIATES INC. Madison, Wisc.	30.2	46	0	DES	0	0	0	14	86	0	0	0	1	0	99	
170	165	J. F. AHERN CO. Fond du Lac, Wisc.	29.1	12	0	CON	0	0	5	15	80	0	0	0	10	0	90	
171	**	AMERICAN CONTRACTING AND ENVIRON. SERVICES INC. Columbia, Md.	29.0	100	0	CON	0	0	0	35	65	0	0	0	0	15	85	
172	183	GRESHAM, SMITH AND PARTNERS Nashville, Tenn.	28.8	23	0	DES	0	0	0	13	54	12	0	21	5	0	95	
173	178	VHB Watertown, Mass.	28.3	17	0	CSL	5	0	5	0	0	5	85	0	59	3	38	
174	168	RMC WATER AND ENVIRONMENT Walnut Creek, Calif.	28.0	100	0	CSL	0	0	0	53	41	0	6	0	0	0	100	
175	184	RJN GROUP INC. Wheaton, Ill	27.8	100	0	DES	0	0	0	4	97	0	0	0	1	0	99	
176	181	LOCUS TECHNOLOGIES Mountain View, Calif.	26.8	100	10	R&D	15	15	0	0	0	70	0	0	82	18	0	
177	193	PENNONI ASSOCIATES Philadelphia, Pa.	26.8	18	0	CSL	40	0	5	15	5	5	5	25	70	5	25	
178	189	STANLEY CONSULTANTS Muscatine, Iowa	26.7	15	10	DES	1	0	44	18	25	8	4	0	57	0	43	
179	187	CHESTER ENGINEERS INC. Moon Township, Pa.	26.5	96	2	DES	0	0	2	29	50	5	7	7	30	0	70	
180	**	THE VERTEX COS. Weymouth, Mass.	26.5	43	3	CSL	30	0	18	0	0	50	0	2	98	1	1	
181	174	POWER ENGINEERS Hailey, Idaho	26.3	7	0	DES	3	0	3	0	12	3	79	0	65	1	34	
182	196	ECS LTD. Chantilly, Va.	26.0	19	0	CSL	40	0	0	0	0	50	10	0	80	5	15	
183	198	SCHNABEL ENGINEERING INC. Glen Allen, Va.	25.7	47	0	DES	2	0	0	81	10	0	7	0	40	9	51	
184	166	H2M ARCHITECTS + ENGINEERS Melville, N.Y.	25.5	59	0	DES	30	0	2	46	11	9	2	0	40	0	60	
185	164	ENVIRONMENTAL CONSULTING & TECHNOLOGY INC. Gainesville, Fla.	25.2	100	0	CSL	44	0	6	0	15	9	26	0	73	0	27	
186	**	LAND REMEDIATION INC. Averill Park, N.Y.	25.0	100	0	CON	100	0	0	0	0	0	0	0	75	5	20	
187	186	GLACIER CONSTRUCTION CO. INC. Greenwood Village, Colo.	24.2	100	0	CON	0	0	0	16	85	0	0	0	35	0	66	
188	167	EAGLE CONTRACTING L.P. Fort Worth, Texas	24.1	100	0	CON	0	0	0	0	100	0	0	0	0	0	100	
189	146	SUKUT CONSTRUCTION INC. Santa Ana, Calif.	23.6	10	0	CON	95	0	0	0	0	0	5	0	35	0	65	
190	154	HNTB Kansas City, Mo.	23.4	3	0	DES	0	0	0	3	88	0	0	9	14	4	82	
191	**	MCKIM & CREED INC. Raleigh, N.C.	22.6	45	0	DES	6	0	0	37	50	0	7	0	12	1	87	
192	192	AEI CONSULTANTS Walnut Creek, Calif.	22.2	52	10	CSL	9	0	3	0	3	80	5	0	85	10	5	
193	200	STV GROUP INC. New York, N.Y.	21.4	5	0	CSL	30	0	10	0	10	25	25	0	17	1	82	
194	199	EARTHCON CONSULTANTS INC. Marietta, Ga.	21.4	100	16	CSL	58	0	1	0	2	19	5	15	93	1	6	
195	**	SLETTEN CONSTRUCTION Great Falls, Mont.	21.0	11	0	CON	0	0	0	1	99	0	0	0	0	0	100	
196	**	ALAN PLUMMER ASSOCIATES INC. Fort Worth, Texas	20.8	99	0	DES	0	0	0	55	30	0	15	0	1	0	99	
197	190	JOHNSTON CONSTRUCTION CO. Dover, Pa.	20.0	100	0	CM-PM	1	0	0	15	84	0	0	0	35	20	45	
198	**	SKELLY AND LOY INC. Harrisburg, Pa.	19.8	100	0	CSL	3	0	5	12	15	22	43	0	25	2	73	
199	**	SHORT ELLIOTT HENDRICKSON INC. (SEH) St. Paul, Minn.	19.1	21	0	DES	10	0	1	18	69	1	1	0	15	5	80	
200	195	FUSS AND O'NEILL INC. Manchester, Conn.	18.7	40	0	CSL	25	0	15	10	10	30	10	0	55	2	43	

Where to find the Top 200

FIRM	RANK	FIRM	RANK	FIRM	RANK	FIRM	RANK
A		ECS Ltd.	182	K		SCS Engineers	56
AECOM	2	Effective Environmental Inc.	140			Sevenson Environmental Services Inc	51
Aegion Corp.	25	Enercon Services Inc.	103	KCI Technologies Inc.	139	Shook Construction Co.	95
AEI Consultants	192	Engineering/Remediation Resources Group (ERRG)	159	Kennedy/Jenks Consultants Inc.	98	Short Elliott Hendrickson Inc. (SEH)	199
AKRF Inc.	134	EnSafe Inc.	131	Kiewit Corp.	21	Skelly and Loy Inc.	198
Alan Plummer Associates Inc.	196	ENTACT LLC	57	Kleinfelder	43	Slayden Construction Group Inc.	135
Alberici Corp.	41	Envirocon	69	L		Sletten Construction	195
Allan Myers	58	Environ. Resources Management Inc. (ERM)	15			SNC-Lavalin Inc.	72
AMEC Foster Wheeler	11	Environmental Compliance Services Inc.	158	LAND Remediation Inc.	186	Stanley Consultants	178
American Contracting and Environ. Services Inc.	171	Environmental Consulting & Technology Inc.	185	Langan Engineering & Environmental Services	97	Stantec Inc.	18
Anchor QEA LLC	83	Environmental Quality Management Inc.	92	Layne Christensen Co.	23	Strand Associates Inc.	169
Antea Group	28	Environmental Restoration LLC	82	Leggette, Brashears & Graham Inc.	157	STV Group Inc.	193
Apex Cos. LLC	68	Environmental Science Associates	120	Leidos	36	Suez Environnement North America	10
ARCADIS NV	7	EnviroTrac Ltd.	167	Locus Technologies	176	Sukut Construction Inc.	189
Atkins North America	70	EORM	166	Los Alamos Technical Consultants Inc.	79	SWCA Environmental Consultants	94
		ESG Operations Inc.	129	Louis Berger	33	T	
		ET Environmental Corp. LLC	118	Lyles Construction Group	62		
B		F		M		T.A. Loving Co.	128
Barnard Construction Co. Inc.	39	Fluor Corp.	8			T&M Associates	151
Barr Engineering Co.	121	Foth Cos.	161	M.B. Kahn Construction Co. Inc.	153	Terracon Consultants Inc.	61
Bay West LLC	152	Fuss and O'Neill Inc.	200	Max Foote Construction Co. Inc.	86	Tetra Tech Inc.	6
Bechtel Corp.	3			McCarthy Holdings Inc.	30	The Babcock & Wilcox Co.	35
Black & Veatch	14	G		McKim & Creed Inc.	191	The Cadmus Group Inc.	108
Bowen Engineering Corp.	42	GAI Consultants Inc.	125	MEB General Contractors Inc.	107	The Conti Group	106
Brasfield & Gorrie LLC	100	Gannett Fleming Inc.	111	Michael Baker International	67	The Vertex Cos.	180
Brown and Caldwell	31	Garney Holding Co.	22	MWH Global	9	The Walsh Group Ltd.	19
Building Crafts Inc.	164	GEI Consultants Inc.	127	N		Tighe & Bond Inc.	160
Bureau Veritas	113	Geo-Solutions Inc.	102			Traylor Bros. Inc.	132
Burgess & Niple Inc.	163	Geosyntec Consultants Inc.	47	National Response Corp.	46	TRC Companies Inc.	38
Burns & McDonnell	50	GHD Inc.	26	Navarro Research and Engineering Inc.	130	Trihydro Corp.	115
		Gilbane Building Co.	77	North Wind Group	109	Trinity Consultants	78
C		Glacier Construction Co. Inc.	187	NorthStar Group Services Inc.	24	Turner Specialty Services LLC	154
C.H. Nickerson & Co. Inc.	81	Golder Associates	12	O			
Cape Environmental Management Inc.	123	Great Lakes Dredge & Dock	45			Ulliman Schutte Construction LLC	49
Cardno Inc.	32	Greeley and Hansen LLC	101	O'Brien & Gere	60	USA Environment LP	93
Carollo Engineers Inc.	52	Gresham, Smith and Partners	172	Oneida Total Integrated Enterprises LLC (OTIE)	146	V	
Cascade Drilling L.P.	87	Groundwater & Environmental Services Inc.	80				
Casey Industrial Inc.	74	GSE Construction Co.	105	P		Veolia North America	4
CB&I	17	GZA GeoEnvironmental Inc.	91			Versar Inc.	122
CDM Smith	13	H		Parametrix Inc.	162	VHB	173
CH2M Ltd.	1			Parsons Corp.	20	W	
Charter Contracting Co. LLC	142	H2M architects + engineers	184	Partner Engineering & Science Inc.	144		
Chester Engineers Inc.	179	Haley & Aldrich Inc.	76	PC Construction Co.	48	Wade Trim Group	143
Civil & Environmental Consultants Inc.	90	Haskell	114	PCL Construction Enterprises Inc.	34	Weeks Marine Inc.	37
Clean Earth Inc.	54	Hatch Group	85	Pennoni Associates	177	Wenck Associates Inc.	150
Clean Harbors Inc.	5	Hatch Mott McDonald	73	Pepper Construction Group	65	Weston & Sampson Engineers Inc.	116
COMANCO Environmental Corp.	147	Hazen and Sawyer P.C.	53	Perma-fix Environmental Services	124	Weston Solutions Inc.	44
Creamer Environmental Inc.	168	HDR	16	Portage Inc.	126	Wharton-Smith Inc.	59
Crossland Heavy Contractors Inc.	96	HEPACO LLC	133	Posillico Environmental Inc.	138	Whitman, Requardt and Associates LLP	148
Crowder Construction Co.	89	HNTB	190	POWER Engineers	181	Woodard & Curran Inc.	55
D		HydroGeoLogic Inc.	88	Precision Environmental Co.	149	WorleyParsons Ltd.	66
		I		Professional Service Industries Inc. (PSI)	141	Wright-Pierce	165
D&B Engineers and Architects PC	155			R		WSP/Parsons Brinckerhoff	40
DeNovo Constructors Inc.	110	ICF International	29				
Dewberry	136	Irex Contracting Group	145	Ramboll Environ Inc.	27		
DLZ	137	J		Remedial Construction Services L.P.	63		
Dudek	119			Rice Lake Construction Group	64		
E		J. F. Ahern Co.	170	RJN Group Inc.	175		
EA Engineering, Science, and Technology Inc.	75	J.R. Filanc Construction Co. Inc	84	RMC Water and Environment	174		
Eagle Contracting L.P.	188	Johnston Construction Co.	197	Roux Associates Inc.	104		
EarthCon Consultants Inc.	194	Judy Construction Co.	117	S			
EBI Consulting	99					S&ME Inc.	156
ECC	112					Schnabel Engineering Inc.	183
ecology and environment Inc.	71						