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CEC Awards for Innovation Winners Announced

PITTSBURGH, Pa. — January 20, 2018 — Civil & Environmental Consultants, Inc. (CEC) announces the winners of its annual Awards for Innovation. Eight innovations conceived, developed, and executed by CEC staff were nominated for 2017 in a nomination process open to all employees. Of those nominated, four specific innovative efforts were recognized as winners.

Confined Space Inspection Tool – Rick Celender, Vice President; Bryan Hazelwood, Project Manager I

The innovation stemmed from the need for a safer, less expensive and more efficient solution for inspection work in confined spaces. The tool, affectionately coined "GoPro on a stick," allows for data collection outside the space. On average, 55 spaces can be inspected per day, compared to 10-15 spaces using traditional confined space equipment.

Oxygen Uptake Rate Treatability Study – Steve Graves, Senior Project Manager; Ivan Cooper, Principal

CEC's client was paying a large surcharge each month because a landfill pretreatment plant's effluent was thought to have been applying an oxygen demand on the local wastewater treatment plant. Ivan Cooper knew CEC could demonstrate that it did not. Steve Graves designed and conducted an Oxygen Uptake Rate Treatability Study, which verified CEC's claim. The result was the reduction of the surcharge, and a retroactive recalculation of previous billings yielded a return for the client.

North Central West Virginia Infrastructure Initiative – Jeff Boyles, Project Manager III

With a goal to introduce CEC's Bridgeport office to the municipal water and sewer market in North Central West Virginia, Jeff Boyles conceived of a day-long technical conference that would position CEC at the center of advancements and discussion regarding area infrastructure. Three events have taken place thus far, with increasing attendance and more diverse presentations offered each year.

CECGo! Project Delivery System – Mary Guinee, Vice President; Rob Sinclair, Corporate CADD Technology Manager; Dennis Dunmire, Assistant Project Manager; Adele Beaves, Principal

Because large project-volume clients often struggle with having to find, organize, and utilize the various work products and electronic deliverables CEC provides, a platform was created for clients to manage and share CEC deliverables in a beneficial way. The easy-to-use interface offers functionality beyond that of the limited file-sharing/delivery systems in use today. Clients now have a singular point of access available at any time, from anywhere, on any device with an internet connection.

For information regarding CEC's Awards for Innovation or any of the 2017 winners and their innovations, contact Emily Chiodo, Communications & PR Manager, at <u>press@cecinc.com</u> or by calling 800-365-2324 (toll-free) or 412-249-1549 (local).

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About the CEC Awards for Innovation: CEC's annual Award for Innovation recognizes an individual, or group of individuals, within the firm who create value and champion innovation on behalf of CEC and its clients. Winners are announced each January at the firm's Annual Planning Meeting in Pittsburgh, Pennsylvania. Awardees are presented with a trophy and a cash prize.

About CEC: Headquartered in Pittsburgh, Pennsylvania, Civil & Environmental Consultants, Inc. (CEC) is an expanding company with offices nationwide. CEC provides innovative design solutions and integrated expertise in the primary practice areas of air quality, civil engineering, ecological sciences, environmental engineering and sciences, survey, waste management and water resources. www.cecinc.com