

# CBRN

Chemical Biological Radiological Nuclear  
Contamination

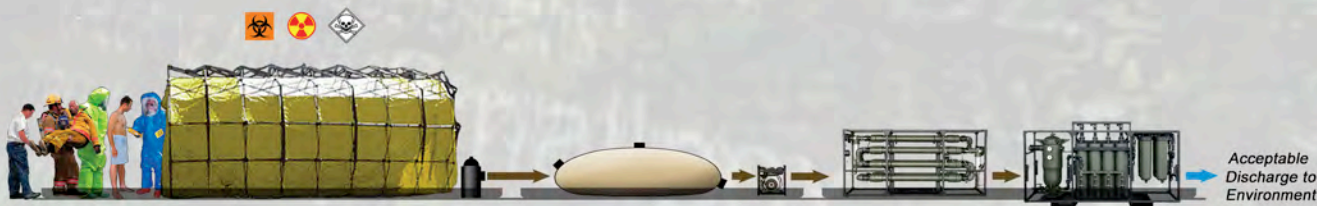
## Capture, Contain, Treat and Dispose

# TECWAR<sup>®</sup>

Tactical Environmental Components - Water Asset Recovery

CBRN Decontamination  
Emergency Water Supply  
Potable Water for Disasters  
Military Field Applications

### CBRN Decon Runoff On-site Treatment Utilizing TECWAR<sup>®</sup> DRED<sup>™</sup> OST Level IV Systems



#### Decon station with contaminated runoff transferred to holding tank

TECWAR<sup>®</sup> Systems' DRED<sup>™</sup> OST, Decontamination Runoff Environmental Defense On-Site Treatment, is the final stage in CBRN decontamination and containment. The DRED<sup>™</sup> OST captures contaminanated decon solutions and contains the hazardous materials in disposable canisters, on site. The treated solution is then available for reuse or acceptable discharge to the environment.

TECWAR<sup>®</sup> Systems are Designed and Manufactured by TerraGroup Corporation

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## **DRED™ OST Level IV System** Decontamination Runoff Environmental Defense On-site Treatment

### **New Threats – New Methods**

The national command authority is responsible for the defense of the homeland against terrorist attacks. Local authorities are responsible for the preparation and deployment of resources designed to react to attacks when and where they happen. This local effort combines the assets of federal, emergency, medical, industrial and regional forces, coordinated and phased in their activities, with the mission of minimizing the damage to life and property.

First responders examine and analyze the damage resulting from a strike. Task organized follow-on forces must have the resources to minimize and control the personal and environmental consequences of that damage.

TerraGroup Corp. has focused its efforts to include the most severe terrorist activities – CBRN attack. In work that began eight years ago, the company's founder, Primo L. Acernese, has developed a simple, yet comprehensive approach to enhance current methods of safely handling liquid decontamination residual.

Acernese advises: "With the attacks of 9-11, the theater of operations has changed. We now have to ensure that any decon procedure addresses responsible and expert handling of all contaminated materials, especially hazardous bulk liquids that are subject to transport and disposal mishaps and/or potential further sabotage."

To meet this challenge, TerraGroup designed and produced DRED™ OST Level IV System. It serves as a water and wastewater system capable of removing a wide range of organic, inorganic, and CBRN contaminants from water before further processing or environmental discharge. The DRED™ OST Level IV System operates by processing contaminated liquid through a combination of commercially available and proprietary water treatment technologies configured to capture and contain the hazardous material in disposal canisters, while minimizing operational and environmental contamination.

With its ability to treat CBRN contaminants and decon solutions so that the effluent can be immediately and safely discharged or recycled, the DRED™ OST Level IV System meets the need for the safe capture, containment and treatment of CBRN contamination in field conditions during an emergency response situation.

