

**February 20, 2015**

**Status of Advanced Treatment Technology for Energetics Destruction**

<b>Technology</b>	<b>Owner</b>	<b>Units</b>	<b>DDESB permit</b>	<b>Subpart X permit</b>	<b>Comments</b>
Hydrolysis	US Army	3 units at Edgewood, MD	Yes	Yes, IA	Army ECBC does not think they are applicable to the problem.
Super Critical Water Oxidation	General Atomics	4 units-Minden 3 gal/m  McAlester 10 gal/m (Army owned)  Cal-(2) 3 gal/min	Yes	Yes, LA	There is a unit currently at Camp Minden that could be used to start destruction. Others can be brought in a few months.
DAVINCH	Kobe Steel	Unknown	Yes	Yes, KY	Unknown if unit is available
Humic Acid Processing	Actodemil/ Arctech	Unknown	Yes	Yes, UT	
Static Detonation Chamber	Dynasafe	Unknown-fabrication necessary	Yes	Yes, KY	
Controlled Detonation Chamber	El Dorado Engineering and CH2M Hill	Many	Yes	No, only used in CERCLA responses according to one owner.	Owners of units think the amount of material is too large to handle