

## **Camp Minden M6 and CBI Potential Technology Screening Information.**

**1.Name of Technology: ATON MTT Technology.**

**2. Vendor Contact Information: Dr. Ryszard Parosa in Poland.**

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**3.Links to additional information:**

<http://greenevo.gov.pl/en/aton-ht-s-a/>

[http://sites.nationalacademies.org/cs/groups/pgasite/documents/webpage/pga\\_054862.pdf](http://sites.nationalacademies.org/cs/groups/pgasite/documents/webpage/pga_054862.pdf)

<http://vermilion-consulting.com/environmental-services/waste-energy>

**These sites explain more about the technology.**

**4.Technology description and process of its working:**

**This can be found in attachment 1.**

**Due to the size of the undertaking, new equipment needs to be fabricated based on existing technology, after conducting lab tests. No donor explosive is required.**

**5. Previous uses of technology and testing:**

**Although never used with M6, it was (and is) used by the Polish military for the destruction of battlefield gases, as well as the treatment of post production TNT wastes for Nitro Chem Poland ( leading producer of TNT).**

**6. Can technology be implemented on site at Camp Mindem:**

**Yes it can, approximately one year from time of signing agreement. Installation must be placed under a roof, approximate size of plant is 100 feet x150 feet.**

**No special handling requirements for the M6. As to post treatment waste, it is hard to answer until we do lab trials, typically we have carbon ash, and several methods to dispose of it.**

**7. What is the Destruction Efficiency of your process ?**

**It is 100%, as to residue ash, I refer to answer in point 6.**

**8. What is the nature and composition of any emissions ?**

**Exhaust gases are cleaned in the MOS reactor, composition of gases will meet all EPA regulations, in the case of microwaves, a microwave leak detectors are installed throughout the system, if at any time level increases beyond EPA norms, system will automatically shutdown.**

**As mentioned before, before doing lab tests on the M6, it is hard for us to define both the physical residue, as well as the gas composition.**

**We have worked closely in the past with boldeco.com to develop turn key systems.**

**9. What is the throughput of the system:**

**We anticipate 4 to 6 tons per hour, reactor can run 2x 10 hour shifts per day.**

**The system requires minimum maintenance, usual upkeep of conveyors, drive motors, etc.**