

Q&A

- **Benham, A Haskell Company:** How do you handle backwash in the field?
 - **Jacob Lalley:** We have not done that yet; that is an interesting question. I am not sure the approach we would take on that.
- **U.S. Department of Agriculture:** Would you consider taking this to Europe?
 - **Jacob Lalley:** I do not think they are looking at Europe, but there is a trip in January scheduled to go to Okinawa, Japan.
- **U.S. EPA:** How many gallons per minute?
 - **Jacob Lalley:** 10–30 gallons per minute is the range; we tend to stick to 10–12 gallons per minute.
- **U.S. Nuclear Regulatory Commission:** Does your system have shielding for the contaminants from the cesium?
 - **Jacob Lalley:** No.
 - **U.S. Nuclear Regulatory Commission:** You might want to shield if you are filtering things out like radionuclides or gamma-emitters.
- **U.S. EPA:** I am curious about the bottlenecks you imagine might exist for scalability. Would you create a bigger trailer? More trailers? What would be the biggest challenges there?
 - **Jacob Lalley:** They designed the system for that battalion sized event, which I think is an appropriate size. I think we would try to make more systems.
- **National Institute for Occupational Safety and Health:** Reverse osmosis has a side-stream; what happens to it?
 - **Jacob Lalley:** About 10% of effluent is that highly concentrated reject; that would need to be stored and dealt with.
- **U.S. EPA:** When you were working with it, you said it was easy to integrate with their system. What made that so easy?
 - **Jacob Lalley:** There are a couple of steps ensuring valves are open, etc., so that you can ensure a quick start.