

**From:** "Kevin Taylor" <ktaylor@energysolutions.com>  
**To:** "James Kottan" <JJK@nrc.gov>, <jjn@nrc.gov>  
**Date:** Tue, May 8, 2007 11:35 AM  
**Subject:** Whittaker tank water sample

SMA-1018  
04007455/2007001

Jim and John:

To close the loop regarding the discharges to the river discussed during your inspection at the Whittaker site last week, I have attached are two gamma spectroscopy reports from water samples collected from the three-chambered Weir tank prior to discharge. The samples were from the first (initial) chamber and final chamber (prior to discharge). The first sample (Chamber 1) shows a small amount of detectable activity due to a higher volume of sediments. The second sample (Chamber 3) shows no detectable activity (no peaks identified).

These results, along with the non-rad results, were used to provide the OK to discharge to water from the tank to the river. All water traversed through all three sections of the Weir tank prior to discharge. Therefore, the Chamber 3 sample is representative of the discharge. We still have both of these samples if additional analysis is necessary.

The question arose as to the location of the tank during discharge. The tank is shown in the attached photo in the lower part of Section 2 on the day the water was discharged (July 18). I do not have any photos of the lines heading to the river or actual water flowing. Photos from the next day (July 19) show the crew digging the tank out and moving it to the concrete pad in Section 3. There, sediments were allowed to dry in the tank and they were removed and placed on the pipe for disposal on July 24. The tank was then decontaminated, surveyed, and released.

I also attached our request to the PA DEP (Mr. Doug Balog) to filter the water from the groundwater "pit." The Wier tank is not described in the letter. It was added later because the cartridge filters quickly clogged and we not useful. In researching communications on this issue, I also identified several e-mails between Marjorie McLaughlin and myself concerning the progress of this task. I can provide these if necessary.

Kevin E. Taylor, PE, CHP  
EnergySolutions, LLC  
17 College St., Suite D  
Greenville, SC 29601

864.235.3695 - office

864.235-8405 - fax

864.414.3831 - cell

ktaylor@energysolutions.com

CC: "Gerard Toumey" <gtoumey@energysolutions.com>

**Mail Envelope Properties** (4640987A.826 : 6 : 26662)

**Subject:** Whittaker tank water sample  
**Creation Date** Tue, May 8, 2007 11:32 AM  
**From:** "Kevin Taylor" <[ktaylor@energysolutions.com](mailto:ktaylor@energysolutions.com)>

**Created By:** [ktaylor@energysolutions.com](mailto:ktaylor@energysolutions.com)

**Recipients**

nrc.gov

JJN (John Nicholson)

JJK (James Kottan)

energysolutions.com

gtoumey CC (Gerard Toumey)

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TEXT.htm	6824	
Frac Tank Chamber 1.doc	102912	
Frac Tank Chamber 3.doc	80896	
tank location.jpg	844820	
Water filter request 2.pdf	73059	
Mime.822	1520076	

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