

**From:** Marc Bailey [mailto:marc@lanl.gov]  
**Sent:** Friday, January 12, 2007 4:27 PM  
**To:** Folk, Kevin T.  
**Cc:** sradz@lanl.gov; jacquezc@lanl.gov; saladen@lanl.gov  
**Subject:** Fwd: RE: TA-21 Steam Plant Water

Kevin-

The TA-21 Steam Plant outfall (02A129) discharges into Los Alamos Canyon. The estimated total volume discharged is determined by observation at the time the compliance samples are collected. Since there is no totalizer on the blowdown (we have never been provided a totalized flow), the total is determined as if the outfall is discharging 24 hours/day, 7 days /week and that is what is reported to EPA in the Discharge Monitoring Report (DMR). I know this is greatly overestimated.

The Power Plant on the other hand, provides a monthly totalized discharge from outfall 001, and that is what is reported on the DMR.

Please contact me if you have questions.

Marc Bailey  
ENV-RCRA Water Quality Team  
NPDES Compliance  
5-8135

X-Sieve: CMU Sieve 2.2  
X-Mailer: QUALCOMM Windows Eudora Version 7.0.1.0  
Date: Wed, 10 Jan 2007 07:47:26 -0700  
To: marc@lanl.gov  
From: "Susan D. Radzinski" <sradz@lanl.gov>  
Subject: Fwd: RE: TA-21 Steam Plant Water  
Cc: saladen@lanl.gov, jacquezc@lanl.gov, KEVIN.T.FOLK@saic.com  
X-PMX-Version: 4.7.1.128075

Marc,

I think this question for the new SWEIS now in preparation was misdirected to KSL, when really it seems to be an NPDES question. Please, will you provide some clarification to KEVIN.T.FOLK@saic.com and copy me? Many thx.

Susan

X-Sieve: CMU Sieve 2.2  
Subject: RE: TA-21 Steam Plant Water  
Date: Thu, 21 Dec 2006 18:18:17 -0500  
X-MS-Has-Attach: yes  
X-MS-TNEF-Correlator:

Thread-Topic: TA-21 Steam Plant Water  
Thread-Index: AcclN/B8FBnIvAzrTwGJuA0QudBvgwAGxmbg  
From: "Folk, Kevin T." <KEVIN.T.FOLK@saic.com>  
To: "Maura Miller" <mauram@lanl.gov>  
Cc: <sradz@lanl.gov>  
X-OriginalArrivalTime: 21 Dec 2006 23:18:18.0830 (UTC)  
FILETIME=[4CBE3EE0:01C72556]  
X-Proofpoint-Virus-Version: vendor=fsecure engine=4.65.5446:2.3.11,1.2.37,4.0.164  
definitions=2006-12-21\_11:2006-12-21,2006-12-21,2006-12-21 signatures=0  
X-Proofpoint-Spam: 0  
X-PMX-Version: 4.7.1.128075

Maura:

Thanks for the data. Again, sorry to complicate things. We are trying to focus on TA-21 for the purposes of the EIS. The trick is always to try and ensure that one is comparing apples to apples. To that end, per Table 2.2.3-1 from the 2005 Yearbook (below), outfall 02A-129 is reportedly from TA-21. According to the LANL NPDES report, that outfall only receives boiler-blow down and water-softener wastewater from the steam plant. Discharges are to Los Alamos Canyon (via DP Canyon I believe). So, I am just trying to rectify effluent with water use so that we do not have an apparent inconsistency in the SWEIS.

The TA-3 power plant discharges through outfall 001 into Sandia Canyon which also receives effluent from TA-46 SWWS. So, I do not think we are double counting.

I am available any time to talk if this does not help? I sincerely appreciate your and Susan's efforts.

Kevin

**Kevin T. Folk, Senior Analyst**  
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**From:** Maura Miller [ <mailto:mauram@lanl.gov> ]  
**Sent:** Thursday, December 21, 2006 2:41 PM  
**To:** sradz@lanl.gov; Folk, Kevin T.  
**Subject:** TA-21 Steam Plant Water

Susan & Kevin,

On second review of the TA-21 Quantities Report I sent - it wasn't the best report to send. I have compiled all the plant water usages from Oct. '05 through Nov. '06. This usage is *all* water for the TA-21 plant - regardless of if it make-up etc. and it looks like it does equal about the 1.6 million gallons. I am not sure what or where outfall 02A-129 is where the 32.6MG is coming from - the TA-21 plant isn't that big nor is it utilized to it's full potential any longer. Is the TA-3 Power Plant included in the 32.6??? I think if you could explain to me where your numbers are coming from I could possibly help back track them to their sources and actually provide the correct data. The original request I got was only for TA-21 and TA-18 - both of which are being phased out.

Maura

**Maura D. Miller**  
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