

## **Dimarzio Data Request dated 9/23/10**

Subject: H Canyon Waste Generation Question

Question: In *2010 SPD SEIS Disposition HCanyon Data Call.pdf*, page 12, it is stated that we should assume 200,000 m<sup>3</sup>/yr of sanitary waste from H-Canyon. However, SRS as a whole only generates about 2,200 m<sup>3</sup>/yr of **solid** sanitary **waste** and 70,000 m<sup>3</sup>/yr of C&D. Can someone check H-Canyon's estimate?

Also, does H-Canyon/HBL generate any liquid LLW that is sent to the effluent treatment project for treatment and discharge? If so, what would be the annual volume?

Is the 200,000 m<sup>3</sup>/yr wastewater or solid waste?

Response: Fuller dated 9/29/10

Question #1: Here is the revised sanitary waste estimate for H-Canyon/HB-Line:

180 tons/yr solid sanitary waste (dumpsters) or 1102 m<sup>3</sup>/yr  
105 tons/yr solid sanitary waste (skid/roll pans) or 550 m<sup>3</sup>/yr  
285 tons/yr solid sanitary waste or estimated by volume 1652 m<sup>3</sup>/yr

Question #2: Did not hear back on preference for revised TRU, mixed LLW, and LLW estimates, so here are the revised bounding estimates with what we know today:

H-Canyon:

0.2 m<sup>3</sup>/yr TRU  
1.0 m<sup>3</sup>/yr Mixed LLW  
700 m<sup>3</sup>/yr LLW (almost all due to UNF mission through 2019)

HB-Line:

150 m<sup>3</sup>/yr TRU (beginning in 2013 due to 6 MT campaign and the large number of 3013 can waste)  
0.4 m<sup>3</sup>/yr Mixed LLW  
150 m<sup>3</sup>/yr LLW (Pu mission)

NMD Total

150 m<sup>3</sup>/yr TRU (Pu mission)  
1.4 m<sup>3</sup>/yr Mixed LLW  
850 m<sup>3</sup>/yr LLW (150 due to Pu mission and 700 due to UNF mission)

Question #3: Estimate of liquid effluent to ETF?

LLW to ETP via the process sewer is up to 6,000,000 gallons contractually by our Functional Service Agreement with SRR. This does not count contaminated or noncontaminated cooling water if diverted to ETF if contamination is detected or diverted for equipment maintenance or as a precaution. I will get with Mark Price to get the updated ETF estimate as he is not here today.

Response: Fuller dated 10/4/10

Additional information: Use 1,500,000 gallons of liquid LLW to ETP from H-Area via process sewer. Don't see this number increasing due to Pu mission increase.

FY09 1,386,005 gallons

FY10 1,463,197 gallons