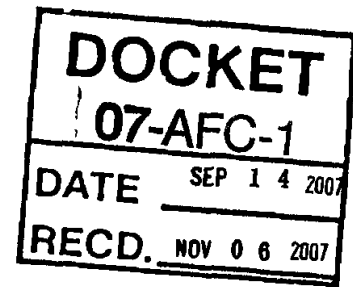


From: "Cadreau, Allen" <allencadreau@inlandenergy.com>
To: <cclosson@energy.state.ca.us>
CC: "Cadreau, Allen" <allencadreau@inlandenergy.com>
Date: 9/14/2007 12:31 PM
Subject: Table 6.16-6 1220lbs/hr calculations



Hello Cheryl,

Per our phone conversation please see the following:

I have verified the approximated 1220lbs/hr of solid waste discharge from the plant is correct.

The estimated volume of waste is 23.26 cubic ft/hr. This converts to 0.861 cubic yards/hr x 24 hrs/day = 20.66 cubic yards/day x 365days/ yr = 7540 cubic yards/yr

Here is some background:

The Solids out of a VV2 (ZLD power plant) is determined by the solids and dissolved solids in the water supply. The water supply TDS and TSS have been assumed sufficiently high to ensure sufficient ZLD plant capacity. This renders this calculation as an approximate estimation of the higher end of the solids discharge and not a precise determination of the exact solids discharge. A precise determination would require a detailed knowledge of the tertiary water composition and a water composition based analysis of the chemicals added for treatment. A detailed water composition will not be available until the water treatment plant that is to provide the tertiary water has completed their expansion, reached capacity and analyzed their tertiary water.

I hope this helps!

Allen

Allen Cadreau

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