

Exhibit C

Donna Hanscom

From: Roberts, Steve [sroberts@des.state.nh.us]
Sent: Monday, August 07, 2006 3:12 PM
To: Donna Hanscom
Subject: RE: Design approval?

Hi Donna -

NPDES flow values are only implied (i.e. not specified) in the document, but do reflect the WWTF's design Average Daily Flow. Treatment units are sized on ADF *multiplied by a peaking factor* so as to accomodate the entire range of future average, diurnal and seasonal flow rates.

NPDES Permits are based on a WWTF's most hydraulically restrictive unit, process or component. So-o-o... if Keene were to install 3 mgd P-removal facilities at its 6 mgd WWTF, then the City's NPDES Permit would be adjusted downward to reflect the WWTF's 3 MGD hydraulic chokepoint.

Particularly if designed/constructed utilizing DES funding, any new P-removal facilities must be sized to satisfy its NPDES Permit and also accomodate the entire range of future flows.

Hope you're enjoying the great weather, Donna!

- Stephen Roberts
DES/Wastewater Engineering Bureau

-----Original Message-----

From: Donna Hanscom [mailto:dhanscom@ci.keene.nh.us]
Sent: Monday, August 07, 2006 12:19 PM
To: Roberts, Steve
Subject: Design approval?

Steve,

The City's WWTP is designed to treat 6 MGD, although it currently treats only about 3 mgd. If we were to design new treatment for phosphorus removal, would DES approve a design at less than 6 MGD? What do you use for design flow criteria?

Donna