

Dio, Nifty L - DSPS

From: [REDACTED]
Sent: Monday, April 11, 2016 1:13 PM
To: Cleveland, Sandy A - DSPS; Dio, Nifty L - DSPS
Subject: FW: Manholes over inlet

Hello Sandy and Nifty, please find the reply and reason behind what our County person Alex was looking to address in his e-mail at our last meeting.

Sorry, I can be there tomorrow.

Take Care and say hi tall everyone!

Alan

PATS SERVICES INC.
ALAN L KADDATZ

From: [REDACTED]
To: [REDACTED]
Subject: Manholes over inlet
Date: Mon, 11 Apr 2016 16:12:50 +0000

Hi Alan

The issue I see here is all of the single compartment tanks with just one manhole opening and a 4 inch observation port on the opposing tank cover end. A lot of previously installed tanks over the last 23 years that I know of had the manholes installed over the tank outlet and the 4 inch opening over the inlet. The stated section, (C), below now requires a manhole over the inlet of the most upstream compartment. As the powts that were installed over the last 23 years start to fail and replacement permits get issued the stated provision below will now require an additional and or new treatment tank to be installed, or the existing tank abandoned to meet this code provision.

An alternative to the manhole provision would either be to eliminate the provision from the code, or, state a tank size limit for servicing purposes. I am sure the manhole requirement was placed in code to meet the needs of pumpers. I think 23" / 4" openings would most likely still be acceptable for pumpers to adequately service tanks up to and including 1500 gallons. I will leave the size limit servicing capability limitation recommendations up to you as you would have a better understanding of the limitations that exist with larger tanks. If you are going to state a max tank size limitation and keep the (C) provision then the advisory code council will need to determine how to address those tanks that exceed that sizing limit and determine what options are permissible or not. Holding tank conversions more than likely will come in to play here. Here is a copy of the email I sent to DSPS earlier.

SPS384.25(7)(c) Manhole over inlet

(c) Anaerobic treatment tanks located below ground shall have a manhole opening over the inlet of the most upstream compartment, in each compartment, and over all treatment apparatuses and pumps.

(b) Manhole openings shall be at least 23 inches in the least dimension.

Good Morning

The powts code council advisory group should take a look at the subject code section requirements and determine whether it should stay as written or should have some modifications to it allowing for a smaller opening in lieu of a manhole. A lot of single compartment treatment tanks have been installed in the past and most of those tanks were installed with just one manhole opening and a 4 inch observation/ cleanout port. The subject section will require either tank replacement or an additional treatment tank to be added due to the lack of the 2nd manhole opening.

Best regards

Alex

Alex S. Priesgen, R.S.

Sanitarian

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