

Rennaker, Joanne (DEQ)

From: Cook, Pat (DEQ)
Sent: Friday, April 04, 2014 12:54 PM
To: Busch, Stephen (DEQ)
Subject: RE: Flint WTP - Bray Road Lagoon Proposal - MDEQ comments

According to 4.4.5.2 in Recommended Standards only pipes carrying elemental liquid or dry gaseous Cl₂ *under pressure* must be schedule 80 steel. Maybe there was some confusion about exactly where in the feed piping the gas was being converted from pressure to vacuum. Or maybe we missed the "under pressure" part in 4.4.5.2.

pat

From: Busch, Stephen (DEQ)
Sent: Friday, April 04, 2014 12:22 PM
To: Cook, Pat (DEQ)
Subject: FW: Flint WTP - Bray Road Lagoon Proposal - MDEQ comments

Pat,

Wouldn't plastic tubing be allowed under the vacuum conditions? I'm not finding anything that would require the schedule 80 steel pipe, and not sure if my got this comment mixed up. Mike's original comment is listed below.

- **It appears that make-up water and chlorine gas are not combined at the chlorine feeder (panel w. rotometer, vacc. monitor, auto. feed control valve, etc.) for production of liquid chlorine. Instead, this appears to take place at the ejector/check valve assembly on the plant supply line. Please confirm. If gas under vacuum is conveyed to the ejector at the plant supply line, the gas piping must be Schedule 80 seamless steel tubing. Please confirm. This can be included on the chlorination system schematic.**

Stephen Busch, P.E.
 Lansing and Jackson District Supervisor
 Office of Drinking Water and Municipal Assistance
 MDEQ
 517-643-2314

From: Matta, Samir [<mailto:SFMatta@lan-inc.com>]
Sent: Thursday, April 03, 2014 3:57 PM
To: Prysby, Mike (DEQ)
Cc: Busch, Stephen (DEQ)
Subject: Re: Flint WTP - Bray Road Lagoon Proposal - MDEQ comments

Hi Mike,

Does the piping have to be schedule 80 steel as our system is under vacuum and not under pressure as required by ten states standards?

Thanks.

Lockwood, Andrews & Newnam
Samir Matta, PE
(517) 819-2367

On Apr 3, 2014, at 8:57 AM, "Prysby, Mike (DEQ)" <PRYSBYM@michigan.gov> wrote:

Samir,

Attached are our comments pertaining to submittals received for Phase II – Segments I and II for the Flint WTP. If you have any questions concerning our comments, I will be available till close of business today to discuss with you. After today, you will need to contact Steve Busch concerning any questions regarding the Flint WTP project. I will return from vacation on Monday April 21st.

Michael Prysby, P.E.
District Engineer
Office of Drinking Water and Municipal Assistance
517 290-8817

<Pre-lim Eng Reports - DEQ Comments III April 2, 2014.doc>

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