Burlington

61306

Brandt, Paul [DNR]

From: Don Fitting <fittingd@burlingtoniowa.org>
Sent: Thursday, June 06, 2013 7:49 AM
To: Brandt, Paul [DNR]
Cc: Dennis Waugh; tim Myatt
Subject: Fwd: Cleaning Wet Wells at South Street Lift Station/ reduced capacity

Paul- The wet well cleaning project went well and was completed that same day, Tuesday (6/4), without any bypassing. - Don

-------- Original Message --------
Subject: Cleaning Wet Wells at South Street Lift Station/ reduced capacity
Date: Tue, 04 Jun 2013 07:18:54 -0500
From: Don Fitting <fittingd@burlingtoniowa.org>
To: Paul Brandt <Paul.Brandt@dnr.iowa.gov>
CC: Ostwinkle, Dennis [DNR] <Dennis.Ostwinkle@dnr.iowa.gov>, tim Myatt <myattt@burlingtoniowa.org>

Paul- We have been experiencing problems with rocks plugging the in-line comminutors at the South Street lift station and we need to take the station down, one wet well at a time and clean the wet wells up stream of the the comminutors and station's pumps. When a wet well is taken off- line, the station's pumping capacity is reduced by half, posing a potential for bypassing in the instance of elevated flow. The purpose of this email is to notify you of the needed work (cleaning the wet wells) and that potential for bypass.

South Street lift station pumps flow from a combined box sewer and high flow rates sometimes brings in sand and rock into the wet well; once there is a sufficient accumulation of this type of material in the wet wells it begins to be carried into the comminutors with the pass-through flow being pumped by the downstream pumps. Sufficient rocks and sand can jam and fail the comminutors. The station pumps cannot be ran without the comminutors.

The weather this spring has been very wet with a number of medium to intense rainfall events; only this week it appears we will get some relief, giving us the first real chance for awhile to take the wet wells down, one at a time and clean them. We have decided to do the project today.

We do not anticipate any problems but if conditions change and there is a bypass it will occur at the Outfall No. 013 and flow to the flooding Mississippi River. We hope to complete the cleaning of both wet wells today. I will notify your office when the project is complete, or in a timely manner if a bypass does occur.

If you have any questions, please contact me at 319 753- 82157. If I am not available, please ask to speak with Tim Myatt, Maintenance foreman.

Don Fitting
Burlington, IA Wastewater Treatment Facility Superintendent
NPDES 2909001