

Ed Abel

From: DEEP.BOG@ct.gov
Sent: Thursday, February 07, 2019 4:13 PM
To: Ed Abel
Subject: Derby: Sewage Bypass

Reporting Municipality or Utility: Derby

Town where event occurred: Derby

Submitted by: Edward Abel

Phone number: 2036737128

Closest street address: Roosevelt Ave / Cemetery Ave intersection

Weather conditions: Dry

Date and time event started: Thu Feb 07 15:00:00 EST 2019

Date and time event ended: Thu Feb 07 15:15:00 EST 2019

Location of bypass: Pump Station

Type of bypass: Raw Sewage

Cause of bypass: Electrical Equipment Failure

How was event discovered? When contractor informed me that they turned the power to the pump station off, I observed the bypass.

Estimated volume or quantity of bypass: 1 - 50

How was quantity determined? Flow estimation, visually observed sewage dribbling out of the manhole cover into Housatonic River side-stream.

If reported, final volume or quantity: 10-20 gallons

Did bypass reached a waterbody: Yes

Waterbody name: Housatonic River

Comments: Pump station is undergoing upgrade. On 2/6/2019 at 15:30 hours we lost power to the pump station. By 18:00 hours we were up and running on generator power. As of 15:00 hours we were still on generator power, when the contractor had informed me that they cut the power from the generator to go back to line power, which indicated that our pumps were no longer powered. I informed the contractor that they had to switch back to generator power immediately to power the wet well pumps.



BYPASS REPORT FORM

City or Town: Dorby

Type of Bypass

- Raw Sewage
- Disinfected Raw Sewage
- Partially Treated Sewage
- Disinfected Partially Treated Sewage
- Sludge Spill
- Other: _____

Location of Bypass

- Treatment Plant
- Pump Station
- Manhole, Lateral, Basement
- Main, Private

Cause of Bypass

- Weather Conditions _____
- Mechanical Equipment Failure
- Electric Utility Failure
- Electrical Equipment Failure
- Approved Shutdown
- Limited capacity: Dry weather
 Wet weather

Blockage of Sewer Line due to:

- Grease, Roots, Other: _____

Exact Location of By-Pass: Roosevelt Drive Pump Station

Date and Time By-Pass was Discovered: 02 10 7 2019 15 00 AM/PM

Date and Time By-Pass was Stopped: 02 10 7 2019 15 15 AM/PM

How By-Pass was Discovered: When Contractor informed us they turned off power to pump station, I observed the bypass

Quantity/Volume of By-Pass: 1-50 gal

How Quantity/Volume was Determined: Flow estimation, visually observed sewage seeping out of manhole cover into Housatonic River side stream

If Equipment Failure, date of last inspection, maintenance or repairs: / /

Receiving Waters (If Applicable) Side stream to Housatonic River

Steps taken to minimize volume and duration of By-Pass: Power to pump station turned back on. informed contractor only W.R.C.A. has the authority to shut off power.

Action taken to eliminate By-Pass: Emergency By-Pass pumping plan put into place we now have pumps, hose & back up generators in place for remainder of upgrade

Steps Taken to prevent recurrence of By-Pass: Better planning & better access to emergency equipment

Was area of By-Pass cleaned of debris? Yes No

Method Used: picked up all material around manhole tags, grit

Date of Last Blockage / Back up / Surge at this location: / /