

**NOVATO SANITARY DISTRICT
SELF-MONITORING PROGRAM**

For: FEBRUARY 2021

COLLECTION SYSTEM OVERFLOWS FOR FEBRUARY 2021

The Novato Sanitary District Collection System had no (0) sanitary system overflows (SSOs) in February 2021.

The No Spill Certification Confirmation number is: **2592993**

For: JANUARY 2021

COLLECTION SYSTEM OVERFLOWS FOR JANUARY 2021

The Novato Sanitary District Collection System had no (0) sanitary system overflows (SSOs) in January 2021.

The No Spill Certification Confirmation number is: **2590700**

For: December 2020

COLLECTION SYSTEM OVERFLOWS FOR DECEMBER 2020

The Novato Sanitary District Collection System had one (1) sanitary system overflows (SSOs) in December 2020.

The SSO Event ID #**870807**

Wilson Ave. at Rena Ct.: This SSO was categorized as a Category III event because the overflow volume was less than 1,000 gallons, was partially recovered and did not reach surface waters of the State. This SSO was determined to be the result of Fats Oils and Grease (FOG) in the District's line.

Initial actions

- On Sunday, December 6th, 2020 at 10:00am, a resident noticed an overflow and notified the Novato PD at 10:10am. Novato PD Dispatch notified Collection System Worker II (CSW II) Bob Stiles of the incident at 10:15am.
- Bob Stiles notified Collection Systems Superintendent, (CSS) Jeff Andress, of the incident and requested to call CSW II Liam O'Sullivan in for backup to respond to the spill.

- Bob went to the District's Treatment Plant to pick up the Vactor sewer cleaner and arrived at the spill site at approximately 11:00am. At that time there was no sewer overflowing, nor was there anything flowing into the storm drain.
- The resident who called in the spill was still on scene and helped fill Bob in with information stating that he noticed the spill start at 10am, and watched it intermittently flow out of the districts manhole, pool up around the manhole in the dirt, and slowly flow off the curb and across the street to the curb and gutter of Rena Ct. He also stated that he noticed a little trickle into the catch basin of the storm drain that had stopped right before bob arrived.
- Bob assessed the overflow and called Jeff Andress to notify him of the spill situation. At 11:10 am Bob proceeded to set the vactor up on the next downstream manhole and was able to break the stoppage open at 11:15 am. He noticed lots of grease and rags flow by. This was determined to be the cause of the overflow.
- At 11:20am, Liam O'Sullivan arrived with the supplemental flusher. He first went and located the downstream end of the 8" storm drain to determine if the overflow had reached the storm culvert, which it had not. This was located approximately 100 feet away from the catch basin. At this same time, Bob began to clean up the effects of the spill by opening the storm drain catch basin and flushing the storm drain in reverse back to the catch basin vacuuming up all the water and debris.
- Bob Stiles finished cleaning the storm drain at 11:40 am and set up the vacuum tube just upstream along the curb and gutter to catch any flows coming down.
- Jeff Andress arrived at 11:45 am to find Bob and Liam cleaning up the street, curb and gutter.
- Liam, Bob and Jeff helped flush the curb and gutter and the street all the way down to the vacuum tube about 307 feet from the overflow manhole. This was completed by 12:30 pm.
- Bob and Liam then moved the Vactor from the storm drain location at the end of Rena Ct. up the curb on Wilson Ave next to MH E15057 where the overflow occurred to start cleanup at that location. The area was covered in leaves. Jeff asked them to vacuum up the leaves in the general area until dry dirt was found. They then flushed the curb and gutter until all areas were cleaned up. Cleanup was complete at 1:45pm.
- Recovery: After doing some calculations it was determined that 180 gallons had been recovered from the overflow and the remaining 200 gallons had soaked into the dirt around the manhole.
- Volume Estimation: Using the witness' description and photographs of the spill, it was determined that the spill rate was approximately 5 gpm and flowed for approximately 75 minutes before the crew arrived. As stated above, there was no flow at the time of their arrival.

- After completing calculations, it was determined this was a category III SSO because it was fully contained on the street and in the catch basin and did not reach any waters of the State.

Follow-up actions

- The following Monday, December 7th, Collections Lead Worker (CLW) Javier Vega assigned the collections crew to perform a CCTV inspection of the District's mainline between Manholes E15057 and E15053. The observation identified there was grease caked on the top portion of the pipeline and a small root ball at a joint downstream of the grease.

Subsequent Analysis and Actions

- This line segment was last cleaned using a hydro-flusher truck in August 2020 and is on a 24-month frequency. The cleaning frequency will be increased to 6 months and the line segment will also be added to the rodder schedule.
- Additionally, Environmental Services staff will be following up with the restaurants served by the sewer to ensure they are keeping with best management practices for their grease traps.
- This event was reported into the CIWQS database on December 10, 2020 as a Category III event, SSO Event ID # 870807 and was certified in CIWQS on December 12, 2020.

For: November 2020

COLLECTION SYSTEM OVERFLOWS FOR NOVEMBER 2020

The Novato Sanitary District Collection System had no (0) sanitary system overflows (SSOs) in November 2020.

The No Spill Certification Confirmation number is: **2585736**.

For: October 2020

COLLECTION SYSTEM OVERFLOWS FOR OCTOBER 2020

The Novato Sanitary District Collection System had no (0) sanitary system overflows (SSOs) in October 2020.

The No Spill Certification Confirmation number is: **2583109**.

For: September 2020

COLLECTION SYSTEM OVERFLOWS FOR SEPTEMBER 2020

The Novato Sanitary District Collection System had no (0) sanitary system overflows (SSOs) in September 2020.

The No Spill Certification Confirmation number is: **2581323**.

For: August 2020

COLLECTION SYSTEM OVERFLOWS FOR AUGUST 2020

The Novato Sanitary District Collection System had no (0) sanitary system overflows (SSOs) in August 2020.

The No Spill Certification Confirmation number is: **2579330**.

For: July 2020

COLLECTION SYSTEM OVERFLOWS FOR JULY 2020

The Novato Sanitary District Collection System had no (0) sanitary system overflows (SSOs) in July 2020.

The No Spill Certification Confirmation number is: **2576742**

For: JUNE 2020

COLLECTION SYSTEM OVERFLOWS FOR JUNE 2020

The Novato Sanitary District Collection System had no (0) sanitary system overflows (SSOs) in June 2020.

The No Spill Certification Confirmation number is: **2575423**

For: MAY 2020

COLLECTION SYSTEM OVERFLOWS FOR MAY 2020

The Novato Sanitary District Collection System had no (0) sanitary system overflows (SSOs) in May 2020.

The No Spill Certification Confirmation number is: **2572407**

For: April 2020

COLLECTION SYSTEM OVERFLOWS FOR APRIL 2020

The Novato Sanitary District Collection System had no (0) sanitary system overflows (SSOs) in April 2020.

The No Spill Certification Confirmation number is: **2569824**

For: MARCH 2020

COLLECTION SYSTEM OVERFLOWS FOR MARCH 2020

The Novato Sanitary District Collection System had no (0) sanitary system overflows (SSOs) in March 2020.

The No Spill Certification Confirmation number is: **2567981**