

**NOVATO SANITARY DISTRICT  
SELF-MONITORING PROGRAM**

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**For: August 2025**

**SANITARY SYSTEM OVERFLOWS FOR AUGUST 2025**

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The Novato Sanitary District Collection System had zero (0) Sanitary Sewer System Spills in August 2025. The “No-Spills” certification confirmation number is 2699749.

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**For: July 2025**

**SANITARY SYSTEM OVERFLOWS FOR JULY 2025**

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The Novato Sanitary District Collection System had zero (0) Sanitary Sewer System Spills in July 2025. The “No-Spills” certification confirmation number is 2698017.

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**For: June 2025**

**SANITARY SYSTEM OVERFLOWS FOR JUNE 2025**

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The Novato Sanitary District Collection System had zero (0) Sanitary Sewer System Spills in June 2025. The “No-Spills” certification confirmation number is 2695866.

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**For: May 2025**

**SANITARY SYSTEM OVERFLOWS FOR MAY 2025**

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The Novato Sanitary District Collection System had zero (0) Sanitary Sewer System Spills in May 2025. The “No-Spills” certification confirmation number is 2694784.

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**For: April 2025**

**SANITARY SYSTEM OVERFLOWS FOR APRIL 2025**

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The Novato Sanitary District Collection System had zero (0) Sanitary Sewer System Spills in April 2025. The “No-Spills” certification confirmation number is 2693256.

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**For: March 2025**

**SANITARY SYSTEM OVERFLOWS FOR MARCH 2025**

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The Novato Sanitary District Collection System had zero (0) Sanitary Sewer System Spills in March 2025. The “No-Spills” certification confirmation number is 2691419.

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**For: February 2025**

**SANITARY SEWER SYSTEM SPILLS FOR FEBRUARY 2025**

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The Novato Sanitary District Collection System had three (3) Sanitary Sewer System Spills in February 2025. The spill summaries are as follows:

- 1. 854 Wilson Ave. Novato, CA, February 4, 2025:** This SSS was categorized as a Category I spill due to the SSS discharged to a paved surface and going into a storm drain reaching waters of the state. Approximately 0 gallons (0.0%) of the 1324 gallon discharge were recovered. The SSS was determined to be caused by surcharging due to heavy rain during a storm event.

Initial Actions

1. Arrived on scene: Collections crew member Jason R. was already on scene monitoring surcharged levels as we were receiving high level Smartcover alarms while other crew members were setting up a 6" pump to bypass downstream to help relieve the surcharging.
2. Verified Spill: Jason was able to verify the spill at 3:10 pm.
3. From the video he took, the spill surfaced from 3 manholes in close proximity.
4. The crew was able to get the pump set up and began the bypass pumping, in turn was able to stop the SSS at 3:20pm.
5. Jason took several pictures of the affected area.
6. Due to the rain, the spill was not containable no was any volume recovered.
7. The storm drain flows to Vinyard Creek.
8. Measurements were taken of the affected area for calculations.
9. Collections Crews left the scene at 5:45 pm.

**Summary:**

- Crew witness of the spill: 3:10 pm
- Spill was relieved: The spill was relieved from bypass pumping efforts at 3:20pm.
- Cal-OES notification: Cal- OES was notified at 4:55pm by Erik Brown (#25-0586).
- CWIQS Report: Spill event ID # 899490
- Manholes with spill: E15000, E15007, and E15136.
- Cause of spill: Surcharging due to heavy rains.

Spill Calculations: It was determined that the spill came from three manholes as follows :

E15000: spilling 1" high out of pick hole at a rate of 2.7 gpm x 10 minutes  
= 27 gallons

E15007: spilling 3" high out of pick hole at a rate of 4.7 gpm x 10 minutes  
=47 gallons

E15136: spilling out of the manhole at rate from the SSCSC overflow  
gauge of 125gpm x 10 mins. = 1250 gallons for a total of 1,324 gallons.

**2. 3100 Topaz Dr. Novato, CA, February 4, 2025:** This SSS was categorized as a Category 3 spill due to the SSS discharged to an unpaved surface and not reaching waters of the state. Approximately 10 gallons (3.9%) of the 256-gallon discharge were recovered. The SSS was determined to be caused by a pump station power outage during a storm event.

#### Initial Actions

1. Arrived on scene: Collections crew members Joe M. and Tony R. were already on scene responding to a high level alarm at Bahia 4 pump station, while Jason R. was transporting the pump.
2. Verified Spill: Jason noticed sewer coming out of the pick-holes of two manholes along the driveway of Bahia 4 pump station as he was arriving.
3. The crew was able to get the pump set up and began the bypass pumping, in turn was able to stop the SSS at 5:46pm.
4. Tony took pictures of the affected area.
5. Joe and Tony began cleanup efforts by vacuuming up the remaining sewer around the manholes.
6. The area was flushed and vacuumed.
7. The crew double checked the bypass pump set up and verified the set points before leaving.
8. Collections Crews left the scene at 6:25 pm.

#### **Summary:**

- Spill start time: 5:35 pm
- Spill end time: The spill was relieved from bypass pumping efforts at 5:46pm.
- Cal-OES notification: was not required as the SSS did not reach waters of the state.
- CWIQS Report: Spill event ID # 899572
- Manholes with spill: L12005 and L12006
- Cause of spill: Power outage at the downstream pump station.

Spill Calculations: It was determined that the spill came from two manholes as follows :

L12005: Spilling 2" high out of pick hole at a rate of 3.9 gpm x 11 minutes = 42.9gal

Spilling 3' high out of the side pick hole at 4.7gpm x 11 minutes = 51.7gal

L12006: spilling 2" high out of pick hole at a rate of 3.9 gpm x 11 minutes = 42.9 gal

Spilling 3" high out of the side pick hole at 4.7gpm x 11 minutes = 51.7 gal

Spilling 5" high out of the side of the manhole at 6.1gpm x 11 mins = 67.1 gal

For a Total of: 256.3 gallons.

Follow up Actions: NSD CSW's did respond with a portable pump, but the system spilled before the pump could be connected and started. The station was without power until the following week when the 20 A circuit breaker was replaced with a 40 A circuit breaker.

**3. 498 Canyon Rd. Novato, CA, February 20, 2025:** This SSS was categorized as a Category 1 spill due to the SSS discharged to an unpaved surface and into the V-ditch reaching waters of the state. Approximately 30 gallons (3.1%) of the 960-gallon discharge were recovered. The SSS was determined to be caused by a 4" HDPE weld failure on the force main.

#### Initial Actions

1. Notification: The district received a call at 9:45am from a concerned citizen about a possible sewer leak at 500 Canyon Road in Novato on Thursday 2/20/2025..
2. Arrived on scene: Collections crew member Raul M. responded to the call at approximately 10:10am after looking around and checking manholes there was no obvious issues. He did observe a wet spot off the side of the road, but nothing actively leaking or any ponding of any sorts.
3. Verified Spill: Javier and Jason were at the Canyon Rd. pump station at 8am on Thursday 2/21/2025 to perform routine work orders for the station.
4. They were pumping down the wet-well for an inspection at 8:10am, when they noticed water starting to come out from under the asphalt on both sides of the road. They immediately shut the pumps off and in turn, the flow stopped.
5. Jason then called and notified Collection Systems Superintendent, Jeff Andress to notify him of a possible force main leak at 8:30am.
6. Jason took several pictures of the affected area.

7. The flushing crew arrived and pumped down the wet-well to buy time until the repair could be made.
8. Jeff A. called and notified Erik Brown of the situation. He also called Alex R. the District's inspector.
9. A contractor was requested to come and dig up and repair the leak which was done that day and the repair was tested at approximately 2:00pm with no signs of a leak.
10. Video footage was used to estimate the flow rate of 10 gpm. Review of the 24 hour period of the Pump Station Status Report showed 9 pump starts for a total run time of 1.6 hours(96 minutes). For a total spill calculation of 960 gallons. It was estimated that the Vacuum truck was able to recover 30 gallons ponded on the side of the road.
11. Collections Crews cleaned up the area on both side of the road by vacuuming up any loose soil and power washing off the pavement.

**Summary:**

- Crew witness of the spill: 8:10 pm
- Spill was stopped: The spill was stopped at 8:11am.
- CWIQS Report: Spill event ID # 899908
- Spill location: 498 Canyon Road, Novato, CA
- Appearance Point: coming up from under the pavement on both sides of the road.
- Cause of spill: Weld was compromised in the 4" HDPE force main pipe.

Spill Calculations: It was determined that the spill came from the broken force main under the pavement. In a video it was estimated to be flowing at a rate of 10 gpm. Going back to the time it was first witnessed by the original caller, a 24 hour Pump Station Status Report was pulled. There were 9 daily starts with a total run time of 1.6 hours which converted to 96 minutes.  $10\text{gpm} \times 96\text{mins} = 960$  gallons. It was estimated 300 gallons made it to the ditch along the side of the road. There was no evidence of standing sewer on the east side of the road therefore was absorbed into the soil. Of the total spill it was estimated 30 gallons were recovered. No visual impacts were observed.

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**For: January 2025**

**SANITARY SYSTEM OVERFLOWS FOR JANUARY 2025**

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The Novato Sanitary District Collection System had zero (0) Sanitary Sewer System Spills in January 2025. The "No-Spills" certification confirmation number is 2687573.

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**For: December 2024**

**COLLECTION SYSTEM OVERFLOWS FOR DECEMBER 2024**

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The Novato Sanitary District Collection System had zero (0) Sanitary Sewer System Spills in December 2024. The No Spill certification ID number is 2685748.

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**For: November 2024**

**COLLECTION SYSTEM OVERFLOWS FOR NOVEMBER 2024**

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**826 Hayden Ave., Novato, Nov. 16, 2024:** This event was categorized as a Category III spill due to untreated wastewater discharged to unpaved surface area and being less than 1,000 gallons and not reaching waters of the State. Approximately 10 gallons (6%) of the 159-gallon discharge were recovered. The spill was determined to be caused by root intrusion.

**Initial Actions**

1. Notification: Novato PD Dispatch notified Collection Systems Lead Worker, Javier Vega of the call at 11:46am, who then notified a collections crewmember to assist and to respond to 826 Hayden Ave with the flusher. He also notified Jeff Andress, Collection Systems Superintendent, at 11:51am of the call and response plan.
2. Arrived on scene: Javier Vega arrived on scene at 12:15 pm.
3. Verified Spill: Jeff Andress was called by Javier who was able to verify the spill at 12:15 pm. Javier let him know it was seeping out of MH G16085 and had run down about 20 feet in the back yard.
4. Collection System Worker I, Jason Roach, arrived at 12:22 and set up the combination sewer cleaner at manhole G16084.
5. At 12:34pm, the collections crew began flushing the line and were able to break up the blockage at approximately 147 ft upstream of MH G16084.
6. Jason then began cleanup efforts by raking up the debris into a 5-gallon bucket and was able to clean up about 5 gallons that was pooled up at the bottom of the slope. During this time, Javier continued to flush the line the rest of the way to the upstream manhole G16085.
7. Javier spoke with the resident and asked him several questions regarding the spill. He was notified that they had not seen the spill the night before but noticed it in the morning around 9 am.
8. Cleanup efforts were finished at approximately 1:05pm.
9. Measurements were taken of the affected area.
10. Collections crew left the scene at 1:15pm.

**Summary:**

- Call-out received: 11:46am
- Stoppage broken up: 12:34pm.
- CWIQS Report: Spill event ID # 897522
- Line segment with spill: G16085\_G16084
- Cause of spill: Root intrusion at 147ft upstream.
- Spill amount: 159 gallons.
- Cleanup complete: 1:05pm.

Spill Calculations: The spill was estimated at approximately 159 gallons using factors such as the size of the spill area and calculated daily water usage for the 3 upstream homes over the time period described by the resident.

Follow up Actions: The line segments were surveyed with the CCTV camera the following day, verifying the root in the line. The pipe segment with the blockage was last cleaned in January 2024 and is on a 24-month cleaning frequency. This section of line has been added to the “root treatment” list.

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**For: October 2024**

**COLLECTION SYSTEM OVERFLOWS FOR OCTOBER 2024**

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**2012 Shady Ln., Novato, Oct. 6, 2024:** This SSO was categorized as a Category IV spill due to untreated wastewater discharged to unpaved surface area and being less than 50 gallons and not reaching waters of the state. Approximately 1 gallon (20%) of the 5-gallon discharge were recovered. The SSO was determined to be caused by a broken pipe.

Initial Actions

1. Notification: Lynda Farmery notified Collection Systems Superintendent, Jeff Andress of the call at 1:48pm, who then notified a collections crew to respond to 2012 Shady Ln.
2. Arrived on scene: Jeff Andress, Collection Systems Superintendent arrived on scene at 2:00 pm.
3. Verified Spill: Jeff Andress was able to verify the spill at 2:02 pm.
4. There was not an active spill when Jeff A. arrived, but he noticed dry toilet paper on the ground around the rodding inlet.
5. Jeff Andress checked the manhole for any surcharging at 2:04pm and there was none.
6. The Collections Crew (Jason Roach and Tony Rotolo) arrived at 2:07 and set up the combination sewer cleaner at manhole E14042.
7. At 2:10pm, the collections crew began flushing the line and brought back a small pile of grit and gravel to the manhole. They set up the vacuum tubes and began to vacuum out the debris as they flushed the line a few more times.
8. Jeff Andress photographed the area while the line was being flushed.
9. At 2:11pm the neighbor from across the street came over and mentioned that he noticed the spill at about 8pm the night before. He described it as it had burped a few times and didn't happen again after that.
10. Collections crew members used rakes and shovels removing the exposed dirt to clean up the area. They then Vacuumed up the debris with the combination truck.

11. Cleanup efforts were finished at approximately 2:30 pm.
12. Measurements were taken of the affected area for calculations.
13. Collections Crews left the scene at 2:35 pm.

**Summary:**

- Call-out received: 1:48 pm
- Stoppage broken up: there was not a stoppage when crews arrived.
- CWIQS Report: Spill event ID # 897377
- Line segment with spill: E14080R\_E14042
- Cause of spill: Broken pipe and debris
- Cleanup complete: 2:300 pm.

Spill Calculations: It was determined that the spill was approximately 5 gallons due to the small size of the spill area and dried toilet paper debris around the rodding inlet.

Follow up Actions: The line segments were surveyed with the CCTV camera the following day, verifying the break in the line. The segment of pipe causing the blockage was last cleaned in May of 2024. This section of line has been written up and added to the needs construction list. A contractor has been issued a Work Order to repair this line and should be completed by 11/07/2024.

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**For: September 2024**

**SANITARY SYSTEM OVERFLOWS FOR SEPTEMBER 2024**

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The Novato Sanitary District Collection System had zero (0) Sanitary Sewer System Spills in September 2024. The “No-Spills” certification confirmation number is 2677588.