

NOVATO SANITARY DISTRICT SELF-MONITORING PROGRAM

For: October 2018

COLLECTION SYSTEM OVERFLOWS FOR OCTOBER 2018

The Novato Sanitary District Collection System had no (0) sanitary sewer overflows (SSOs) in November 2018.

The No Spill Certification Confirmation number is: **2530564**

For: September 2018

COLLECTION SYSTEM OVERFLOWS FOR SEPTEMBER 2018

The Novato Sanitary District Collection System had one sanitary sewer overflow (SSO) in September 2018.

1. Monday, September 24, 2018, Hamilton Parkway, Novato, CA, 750 gallon SSO, CIWQS Event ID 851445, Certification ID 548030, Category 3 event.

EVALUATION OF OVERFLOWS FOR SEPTEMBER 2018

Hamilton Parkway/Bristol Ln: This event was reported into the CIWQS database on October 2nd, 2018 as a Category 3 event with an estimated spill volume of 750 gallons, SSO Event ID # 851445 and was certified in CIWQS on October 2nd, 2018, Certification ID # 548030.

Initial actions

1. On Monday, September 24, 2018, at 9:00AM, NSD employee Julie Hoover received a call from Mark at Ryder Homes reporting that a manhole was overflowing on his development site. Julie contacted Javier Vega and Jeff Andress. They dispatched the rest of the crew to the Hamilton Cottages development.
2. Aaron, PJ, Joe, Bob and Liam arrived on site at 9:15AM and observed manhole L25083 overflowing. The crew began work to clear the stoppage. Jeff and Javier arrived moments later. Jeff took photos to document the event while the crew relocated to the downstream manhole. The manhole overflowed onto a dirt building pad and open trench along the property. The overflow was fully contained on said property.

3. The crew was pulling back a bit of gravel while trying to break up the blockage. Noticing the crew was unable to open up the blockage, Javier and Bob went to the next upstream manhole and began to pump down the backup in the sewer system to stop the overflow at approximately 10:00am. Once the crew stopped pulling back debris with the flusher, Jeff instructed the crew to set up the CCTV camera to investigate the blockage. After going upstream 31', they observed a solid column of concrete in the sewer line.
4. After seeing the issue, Jeff and Bill C. went and talked with the Superintendent of the development, Mark, and were notified a few days earlier that a drilling company drilled down over our sewer line, 10' for a concrete piling.
5. Volume Estimation: The initial estimate is 750 gallons escaped from manhole L25083. The estimate was based on volumetric calculations, photos taken at the scene and crew observations using the CWEA SSCSC Manhole Overflow Gauge.

Reporting:

1. This event was reported into the CIWQS database on October 2nd, 2018 as a Category 3 event with an estimated spill volume of 750 gallons.

Follow-up actions

1. Staff set up an auto-dialer alarm system to monitor the levels of the upstream backup until the repairs were made on the broken pipe.
2. Repairs were made on September 27th, 2018 by Northwest Engineering.
3. Roy's Sewer Service conducted a CCTV inspection of the affected pipe to assess the repairs.

For: August 2018

COLLECTION SYSTEM OVERFLOWS FOR AUGUST 2018

The Novato Sanitary District Collection System had no (zero) sewer system overflows (SSOs) in August 2018.

The No Spill Certification Confirmation number is: **2524931**

For: JULY 2018

COLLECTION SYSTEM OVERFLOWS FOR JULY 2018

The Novato Sanitary District Collection System had no (0) sanitary system overflows (SSOs) in July, 2018:

The No Spill Certification Confirmation number is: **2521429**

For: June 2018

COLLECTION SYSTEM OVERFLOWS FOR JUNE 2018

The Novato Sanitary District Collection System had no (zero) sewer system overflows (SSOs) in June 2018.

The No Spill Certification Confirmation number is: 2519444

For: May 2018

COLLECTION SYSTEM OVERFLOWS FOR MAY 2018

The Novato Sanitary District Collection System had no (zero) sewer system overflows (SSOs) in May 2018.

The No Spill Certification Confirmation number is: 2516906

For: April 2018

COLLECTION SYSTEM OVERFLOWS FOR APRIL 2018

The Novato Sanitary District Collection System had no (zero) sewer system overflows (SSOs) in April 2018.

The No Spill Certification Confirmation number is: 2515661

For: March 2018

COLLECTION SYSTEM OVERFLOWS FOR MARCH 2018

The Novato Sanitary District Collection System had no (zero) sewer system overflows (SSOs) in March 2018.

The No Spill Certification Confirmation number is: 2512933

For: February 2018

COLLECTION SYSTEM OVERFLOWS FOR FEBRUARY 2018

The Novato Sanitary District Collection System had no (zero) sewer system overflows (SSOs) in February 2018.

The No Spill Certification Confirmation number is: 2510577

For: JANUARY 2018

COLLECTION SYSTEM OVERFLOWS FOR JANUARY 2018

The Novato Sanitary District Collection System had no (zero) sanitary system overflows (SSOs) in January 2018.

The No Spill Certification Confirmation number is: 2508261

For: December 2017

COLLECTION SYSTEM OVERFLOWS FOR DECEMBER 2017

The Novato Sanitary District Collection System had no (zero) sewer system overflows (SSOs) in December 2017.

The No Spill Certification Confirmation number is: 2504912

For: November 2017

COLLECTION SYSTEM OVERFLOWS FOR NOVEMBER 2017

The Novato Sanitary District Collection System had one sanitary sewer overflow (SSO) in November 2017.

2. Thursday, November 16, 2017, Alameda Del Prado, Novato, CA, 4,200 gallon SSO, CIWQS Event ID 841604, Certification ID 667941, Category 1 event.

EVALUATION OF OVERFLOWS FOR NOVEMBER 2017

275 Alameda Del Prado: This event was reported into the CIWQS database on November 16, 2017 as a Category 1 event with an estimated spill volume of 4,200 gallons, SSO Event ID # 841604 and was certified in CIWQS on November 27, 2017, Certification ID # 667941.

Initial actions

6. On Thursday, November 16, 2017, at 9:05AM, NSD employee Julie Hoover received a call from Veronica at the City of Novato reporting that a manhole was overflowing on Alameda del Prado. Aaron Hendricks and PJ Siragusa were dispatched immediately. Julie contacted Dasse de longh and informed him of the reported overflow. Dasse contacted Javier Vega and all responded to the site.

7. Aaron, PJ, Joe Moreno and Brennan Duke arrived on site at 9:15AM and observed manhole K26014 at 725 Alameda del Prado overflowing. The crew began work to clear the stoppage. Dasse and Javier arrived moments later. Dasse took photos to document the event while the crew relocated across the freeway to break the stoppage. The overflow was entering a nearby catch basin so Joe and Aaron created a berm in the gutter pan for containment. The storm drain was actively flowing due to overnight rain.
8. PJ and Brennan set up the hydro-flusher at manhole K25090 on the opposite side of the freeway. The stoppage was broken at 9:41AM. Grease and rags were observed and collected after the stoppage was broken.
9. Cleanup and Recovery: After shooting the line several times, the hydro-flusher crew returned to the overflow site to recover the contained material and complete cleanup activities. Staff was able to recover 50 gallons of the discharge from the gutter that was previously bermed up.
10. Volume Estimation: The initial estimate is 4,200 gallons escaped from two manholes. The estimate was based on volumetric calculations, photos taken at the scene and crew observations using the CWEA SSCSC Manhole Overflow Gauge.

Reporting:

2. Dasse reported the Category 1 SSO to Cal-EMA at 11:01AM, within the required two-hour reporting window.
3. At 11:11AM, he contacted David Smail of Marin County Environmental Health Services to report the overflow. It was determined that, due to the circuitous route of the storm drain system, the fenced, marsh like conditions of the receiving waters and the heavy overnight rainfall, posting and sampling would not be necessary.
4. This event was reported into the CIWQS database on November 16, 2017 as a Category I event with an estimated spill volume of 4,200 gallons, SSO Event ID # 841604 and was certified in CIWQS on November 27, 2017, Certification ID # 66794.

Follow-up actions

4. Follow up CCTV inspection revealed grease accumulation in the sewer main. This line segment was last cleaned using a hydro-flusher truck on November 23, 2016 and is on a 12-month frequency.
5. The cleaning frequency will be increased to every 6 months.
6. Staff distributed grease and wipes informational flyer packets to residents upstream of the overflow.

For: October 2017

COLLECTION SYSTEM OVERFLOWS FOR OCTOBER 2017

The Novato Sanitary District Collection System had no (zero) sewer system overflows (SSOs) in October 2017.

The No Spill Certification Confirmation number is: 2500247