2SSO10154	Active	787845	Jill Barnes	Certified
2SSO10154	Active	788204	Bianca Gomez	Certified
2SSO10154	Active	788637	Bianca Gomez	Certified
2SSO10154	Active	789141	Bianca Gomez	Certified
2SSO10154	Active	789485	Bianca Gomez	Certified
2SSO10154	Active	789487		Ready To Certify
2SSO10154	Active	789950	Bianca Gomez	Certified
2SSO10154	Active	791043	Bianca Gomez	Certified
2SSO10154	Active	791252	Bianca Gomez	Certified
2SSO10154	Active	792118	Bianca Gomez	Certified
2SSO10154	Active	792167	Bianca Gomez	Certified
2SSO10154	Active	792634	Bianca Gomez	Certified
2SSO10154	Active	792838	Bianca Gomez	Certified
2SSO10154	Active	793113	Bianca Gomez	Certified
2SSO10154	Active	793282	Bianca Gomez	Certified
2SSO10154	Active	794635	Bianca Gomez	Certified
2SSO10154	Active	797130	Bianca Gomez	Certified
2SSO10154	Active	797131	Bianca Gomez	Certified
2SSO10154	Active	797786	Bianca Gomez	Certified
2SSO10154	Active	797802	Bianca Gomez	Certified
2SSO10154	Active	798301	Bianca Gomez	Certified
2SSO10154	Active	798532	Bianca Gomez	Certified
2SSO10154	Active	798556	Bianca Gomez	Certified
2SSO10154	Active	800324		Submit Draft
2SSO10154	Active	800498		Submit Draft
2SSO10155	Active	650449	Michael Killigrew	Certified
2SSO10155	Active	650536	Michael Killigrew	Certified
2SSO10155	Active	650575	Michael Killigrew	Certified
2SSO10155	Active	651379	Michael Killigrew	Certified
2SSO10155	Active	651512	Michael Killigrew	Certified
2SSO10155	Active	652023	Michael Killigrew	Certified
2SSO10155	Active	652625	Michael Killigrew	Certified
2SSO10155	Active	653962	Michael Killigrew	Certified
2SSO10155	Active	653963	Michael Killigrew	Certified
2SSO10155	Active	655295	Michael Killigrew	Certified
2SSO10155	Active	656015	Michael Killigrew	Certified
2SSO10155	Active	706439	Michael Killigrew	Certified
2SSO10155	Active	706444	Michael Killigrew	Certified
2SSO10155	Active	706452	Michael Killigrew	Certified
2SSO10155	Active	706458	Michael Killigrew	Certified
2SSO10155	Active	706465	MIchael Killigrew	Certified
2SSO10155	Active	706714	Michael Killigrew	Certified
2SSO10155	Active	706718	Michael Killigrew	Certified
2SSO10155	Active	707506	Michael Killigrew	Certified
2SSO10155	Active	707509	Michael Killigrew	Certified
2SSO10155	Active	707530	Michael Killigrew	Certified
2SSO10155	Active	707834	Michael Killigrew	Certified
2SSO10155	Active	707890	Michael Killigrew	Certified
2SSO10155	Active	707955	Michael Killigrew	Certified
2SSO10155	Active	708226	Michael Killigrew	Certified
2SSO10155	Active	708228	Michael Killigrew	Certified
2SSO10155	Active	708229	Michael Killigrew	Certified
2SSO10155	Active	709818	Michael Killigrew	Certified
2SSO10155	Active	709819	Michael killgrew	Certified
2SSO10155	Active	709820	Michael Killigrew	Certified

Director of Public Works
Associate Engineer
Associate Engineer
Associate Engineer
Associate Engineer

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Mill Valley	545998
City of Mill Valley	995990
City of Mill Valley	443251
City of Mill Valley	488674
City of Mill Valley	397545
City of Mill Valley	585903
City of Mill Valley	890830
City of Mill Valley	208840
City of Mill Valley	704291
City of Mill Valley	927544
City of Mill Valley	208211
City of Mill Valley	697286
City of Mill Valley	769292
City of Mill Valley	556527
City of Mill Valley	955731
City of Mill Valley	951518
City of Mill Valley	107071
City of Mill Valley	570535
City of Mill Valley	795626
City of Mill Valley	119481
City of Mill Valley	158703
City of Mill Valley	147559
Millbrae Public Works	250027
Millbrae Public Works	334107
Millbrae Public Works	177257
Millbrae Public Works	286001
Millbrae Public Works	781595
Millbrae Public Works	822260
Millbrae Public Works	551848
Millbrae Public Works	993285
Millbrae Public Works	887195
Millbrae Public Works	331415
Millbrae Public Works	981767
Millbrae Public works	421114
Millbrae Public Works	949737
Millbrae Public Works	149253
Millbrae Public Works	987379
Millbrae Public Works	962451
Millbrae Public Works	603637
Millbrae Public Works	266810
Millbrae Public Works	253717
Millbrae Public Works	336552
Millbrae Public Works	661540
Millbrae Public Works	475439
Millbrae Public Works	887739
Millbrae public Works	416580
Millbrae Public Works	976508
Millbrae Public Works	732993
Millbrae Public Works	580045
Millbrae Public Works	407367
Millbrae Public Works	506601
Millbrae Public Works	450895

5-Nov-12	11/5/2012	5-Nov-12	11/5/2012
19-Nov-12	11/19/2012	5-Feb-13	2/5/2013
30-Nov-12	11/30/2012	5-Feb-13	2/5/2013
18-Dec-12	12/18/2012	5-Feb-13	2/5/2013
27-Dec-12	12/27/2012	5-Feb-13	2/5/2013
27-Dec-12	12/27/2012		
8-Jan-13	1/8/2013	5-Feb-13	2/5/2013
31-Jan-13	1/31/2013	5-Feb-13	2/5/2013
5-Feb-13	2/5/2013	20-Jun-13	6/20/2013
26-Feb-13	2/26/2013	20-Jun-13	6/20/2013
27-Feb-13	2/27/2013	20-Jun-13	6/20/2013
14-Mar-13	3/14/2013	20-Jun-13	6/20/2013
21-Mar-13	3/21/2013	20-Jun-13	6/20/2013
2-Apr-13	4/2/2013	20-Jun-13	6/20/2013
9-Apr-13	4/9/2013	24-Jun-13	6/24/2013
31-May-13	5/31/2013	24-Jun-13	6/24/2013
23-Jul-13	7/23/2013	11-Sep-13	9/11/2013
23-Jul-13	7/23/2013	11-Sep-13	9/11/2013
13-Aug-13	8/13/2013	11-Sep-13	9/11/2013
13-Aug-13	8/13/2013	11-Sep-13	9/11/2013
28-Aug-13	8/28/2013	11-Sep-13	9/11/2013
6-Sep-13	9/6/2013	11-Sep-13	9/11/2013
6-Sep-13	9/10/2013	11-Sep-13	9/11/2013
29-Oct-13	10/29/2013		
4-Nov-13	11/4/2013		
12-May-07		15-May-07	10/23/2008
15-May-07		15-May-07	10/23/2008
16-May-07		16-May-07	10/23/2008
5-Jun-07		10-Dec-07	10/23/2008
8-Jun-07		8-Jun-07	10/23/2008
18-Jun-07		18-Jun-07	10/23/2008
22-Jun-07		22-Jun-07	10/23/2008
11-Jul-07		11-Jul-07	12/14/2010
11-Jul-07		11-Jul-07	10/23/2008
6-Aug-07		6-Aug-07	10/23/2008
17-Aug-07		23-Oct-08	10/23/2008
24-Oct-07		24-Oct-07	10/23/2008
24-Oct-07		24-Oct-07	10/23/2008
24-Oct-07		24-Oct-07	10/23/2008
24-Oct-07		24-Oct-07	10/23/2008
24-Oct-07		24-Oct-07	10/23/2008
29-Oct-07		29-Oct-07	10/23/2008
29-Oct-07		29-Oct-07	10/23/2008
9-Nov-07		9-Nov-07	10/23/2008
9-Nov-07		9-Nov-07	10/23/2008
9-Nov-07		9-Nov-07	10/22/2008
16-Nov-07		22-Oct-08	10/22/2008
19-Nov-07		19-Nov-07	10/22/2008
21-Nov-07		21-Nov-07	10/22/2008
27-Nov-07		22-Oct-08	10/22/2008
27-Nov-07		22-Oct-08	10/22/2008
27-Nov-07		27-Nov-07	10/22/2008
18-Dec-07		18-Dec-07	10/22/2008
18-Dec-07		18-Dec-07	10/22/2008
18-Dec-07		18-Dec-07	10/22/2008

Category 1		3000	750
Category 3		50	50
Category 3		70	0
Category 3		25	0
Category 3		34	0
Category 3		150	120
Category 3		60	0
Category 3		75	0
Category 3		40	0
Category 3		5	0
Category 3		20	0
Category 2		1500	0
Category 3		15	0
Category 3		20	0
Category 3		10	0
Category 3		25	0
Category 3	20	20	20
Category 3	39	39	0
Category 3	21	21	0
Category 3	20	20	0
Category 3	0	16	16
Category 3	0	75	75
Category 1	0	375	0
Category 3	5	5	0
Category 1	200	400	0
Category 3		400	400
Category 3		25	25
Category 3		25	0
Category 3		1	1
Category 3		1	1
Category 3		3	3
Category 3		25	25
Category 1		50	30
Category 3		100	100
Category 3		6	6
Category 3		50	50
Category 3		5	0
Category 3		25	10
Category 3		10	10
Category 3		25	25
Category 3		3	3
Category 3		2	2
Category 3		5	5
Category 3		5	5
Category 3		5	5
Category 3		5	5
Category 1		100	30
Category 3		1	0
Category 1		5	3
Category 3		1	1
Category 3		1	1
Category 3		1	1
Category 1		100	20
Category 1		10	5
Category 3		1	1

2250	Yes	Yes
0	No	No
0	No	No
0	No	No
0	No	No
0	No	No
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0	No	No
0	No	No
0	No	No
0	No	No
0	No	No
0	No	Yes
0	No	Yes
375	Yes	Yes
0	No	No
200	Yes	Yes
0	Yes	Yes
0	No	No
0	No	No
0	No	No
0	No	No
0	No	No
0	No	No
20	No	Yes
0	No	No
0	No	No
0	No	Yes
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0	No	No
0	No	No
0	No	No
0	No	No
0	No	No
0	No	No
0	No	No
0	No	No
0	No	No
70	Yes	Yes
0	No	No
2	Yes	Yes
0	No	No
0	No	No
0	No	No
80	Yes	Yes
5	Yes	Yes
0	No	No

No
Not Applicable - Spill did not reach a separate storm drainpipe
Not Applicable - Spill did not reach a separate storm drainpipe
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Not Applicable - Spill did not reach storm drainpipe

14 Marguerite Avenue
75 Ryan Avenue
Bernard Stairs (30-40 Bayview Ave)
57 Fairway Drive
2 Tamalpais Avenue
247 Summit Avenue
8 Laurel Street
Bernard Stairs
60 Monte Vista Avenue
4 Stanton Way
14 Lower Drive
150 Monte Vista Avenue
84 Alta Vista Avenue
471 Throckmorton Avenue
285 Manor Dr
162 Hillside Avenue
382 Miller Avenue
21 Glen Drive
186 Corte Madera Avenue
162 Hillside Avenue
36 Glen Dr
114 Ryan Avenue
52 Lovell Avenue
178 Sycamore Avenue
Molino Avenue
29 Via Canon
1150 Hillcrest
752 Santa Margarita
79 Conejo
871 Taylor
241 Hazel
1225 Helen Dr.
1101 Millbrae Ave
850 Taylor Ave.
300 Hazel
53 Via Canon
485 Broadway
12 Poplar
547 Anita Dr.
508 Helen Dr.
230 Hazel
179 Magnolia
721 Talor
367 Minorca
951 Murchison
821 Taylor
360 Taylor
300 Hazel
1 Hazel
111 Maple Place
351 Laurel
171 Minorca.
1391 Broadway
1100 El Camino Real
50 Elder

37.917961	-122.553706	Marin
37.898989	-122.530475	Marin
37.907481	-122.549417	Marin
37.911364	-122.534919	Marin
37.908072	-122.550289	Marin
37.910031	-122.5535	Marin
37.906844	-122.555572	Marin
37.907311	-122.549697	Marin
37.906336	-122.561119	Marin
37.911233	-122.525964	Marin
37.913603	-122.522653	Marin
37.905717	-122.562039	Marin
37.902628	-122.533314	Marin
37.907797	-122.557339	Marin
37.907597	-122.538017	Marin
37.908325	-122.543358	Marin
37.897244	-122.537153	Marin
37.916578	-122.539761	Marin
37.911897	-122.550947	Marin
37.908286	-122.543358	Marin
37.918483	-122.539917	Marin
37.900069	-122.529525	Marin
37.906319	-122.549817	Marin
37.8994	-122.53735	Marin
37.902328	-122.549786	Marin
37.593056	122.4025	San Mateo
37.594167	122.403889	San Mateo
37.607222	122.411944	San Mateo
37.586389	122.402222	San Mateo
37.586389	122.401111	San Mateo
37.596944	122.394444	San Mateo
37.603889	122.422222	San Mateo
37.5925	-122.398056	San Mateo
37.598056	122.402778	San Mateo
37.597778	122.396944	San Mateo
37.5925	122.403611	San Mateo
37.602222	122.393611	San Mateo
37.596111	122.391944	San Mateo
37.6	122.406667	San Mateo
37.600556	122.407222	San Mateo
37.596667	122.396111	San Mateo
37.599167	122.391111	San Mateo
37.5975	122.398611	San Mateo
37.596111	122.401111	San Mateo
37.591944	122.394444	San Mateo
37.5975	122.400278	San Mateo
37.6	122.427778	San Mateo
37.597778	122.396944	San Mateo
37.594444	122.394444	San Mateo
37.591667	122.397778	San Mateo
37.5975	122.397778	San Mateo
37.593889	122.399167	San Mateo
37.609167	122.401667	San Mateo
37.608056	122.397778	San Mateo
37.596111	122.392778	San Mateo

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D12 & DF1

street/curb and gutter

Spill occured at cleanout close to building. When city crews arrived and began to loosen city c.o, they realised it was unde
Spill happened at the cleanout on the lower lateral.

Parking lot of rec. center.

Spill occured when wastewater leaked through a crack in a gravity line and filtered in to a stormdrain line 2' below it.
Cleanout on sidewalk.
Spill filtered through lawn and saturaed an area possibly through a crack or joint on that buildings lateral.
Cleanout on sidewalk
Cleanout in Driveway

City lateral cleanout in the sidewalk.
City lateral cleanout in the sidewalk.

Cleanout in sidewalk.

M.H.

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er pressure and set our vac-con over the

Manhole
Other sewer system structure
Other (specify)
Manhole
Manhole
Manhole
Other sewer system structure
Other sewer system structure
Manhole
Manhole
Manhole
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Manhole
Manhole
Other sewer system structure
Manhole
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Other sewer system structure
Manhole
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Manhole
Gravity Mainline
Manhole
Gravity sewer
Gravity sewer
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Gravity sewer
Gravity sewer
Gravity sewer
Gravity sewer
Gravity sewer
Building or structure
Gravity sewer
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Gravity sewer
Gravity sewer
Gravity sewer
Manhole
Gravity sewer
Gravity sewer
Gravity sewer
Gravity sewer
Gravity sewer
Manhole
Gravity sewer
Gravity sewer

HL-5
clean out
Clean out
LM1
G3
G14
Clean outs D12 & DF1
Cleanout-G2
DE12
RE4
S9
DE13
PF4
BAT14
LF13B
NA4B
Clean out
L51
H9
NA4B; Clean out
L54
PZ1
FE2

FK5

At lower lateral clean out.

At city maintained cleanout in sidewalk.
Overflowed at cleanout.

Spill appeared where a stormdrain ties into a seasonal drainage channel.

Cleanout in Garage floor.

Private cleanout in lawn 2' behind the sidewalk.

Separate storm drain
Unpaved surface
Street/curb and gutter;Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Street/curb and gutter
Street/curb and gutter
Street/curb and gutter
Unpaved surface
Street/curb and gutter
Street/curb and gutter
Unpaved surface
Unpaved surface
Street/curb and gutter
Street/Curb and Gutter
Street/curb and gutter
Unpaved surface
Other (specify below)
Street/Curb and Gutter;Separate storm drain
Separate storm drain;Surface water
Paved Surface
Unpaved surface
Other (specify below)
Other (specify below)
Unpaved surface
Other paved surface
Other paved surface
Street/curb and gutter
Other paved surface
Street/curb and gutter
Other paved surface
Other (specify below)
Storm drain;Unpaved surface
Other paved surface
Other (specify below)
Other paved surface
Street/curb and gutter
Building or structure
Other paved surface
Unpaved surface
Street/curb and gutter
Street/curb and gutter
Street/curb and gutter
Storm drain;Street/curb and gutter
Other paved surface
Storm drain;Street/curb and gutter
Other paved surface
Other (specify below)
Unpaved surface
Storm drain
Storm drain
Other paved surface

Captured in storm draiin
Spill captured in storm drain

Overflow was contained at a point in a natural drainage channel 500' downstream from the overflow. Overflow was vaccu
Spill was totally contained and returned to the s.s.

Parking lot

Spill drained to a paved surface which had a blocked drainage pipe. Crews were able to recover all of the spill.
Lawn

Sidewalk.
Lawn

Sidewalk.

Lawn.
Lawn.

Sidewalk

11/4/2012 11:15	11/4/2012 11:15	11/4/2012 11:35	11/4/2012 14:05
11/18/2012 9:10	11/18/2012 9:10	11/18/2012 10:03	11/18/2012 10:40
11/30/2012 9:30	11/30/2012 9:37	11/30/2012 9:45	11/30/2012 9:55
12/13/2012 7:15	12/13/2012 7:15	12/13/2012 7:30	12/13/2012 7:35
12/26/2012 14:02	12/26/2012 14:02	12/26/2012 14:10	12/26/2012 14:17
12/26/2012 14:00	12/26/2012 14:05	12/26/2012 14:15	12/26/2012 14:31
1/8/2013 9:10	1/8/2013 9:30	1/8/2013 10:15	1/8/2013 10:45
1/31/2013 10:20	1/31/2013 10:20	1/31/2013 10:45	1/31/2013 11:00
2/5/2013 13:45	2/5/2013 13:45	2/5/2013 13:55	2/5/2013 14:03
1/21/2013 16:20	1/22/2013 10:50	1/22/2013 13:00	1/22/2013 13:05
1/21/2013 12:45	1/21/2013 12:45	1/21/2013 13:00	1/21/2013 14:00
3/13/2013 19:30	3/13/2013 19:30	3/13/2013 19:30	3/13/2013 22:30
3/16/2013 12:00	3/16/2013 12:00	3/16/2013 12:30	3/16/2013 1:10
4/2/2013 9:45	4/20/2013 10:00	4/20/2013 10:40	4/20/2013 11:00
4/9/2013 9:39	4/9/2013 9:39	4/9/2013 10:00	4/9/2013 10:00
5/30/2013 9:00	5/30/2013 9:05	5/30/2013 9:45	5/30/2013 10:10
7/15/2013 8:05	7/15/2013 8:08	7/15/2013 8:15	7/15/2013 8:18
7/7/2013 11:00	7/7/2013 11:01	7/7/2013 11:17	7/7/2013 11:30
8/13/2013 7:26	8/13/2013 7:26	8/13/2013 7:35	8/13/2013 7:41
8/12/2013 8:55	8/12/2013 9:00	8/12/2013 9:15	8/12/2013 9:30
8/28/2013 13:00	8/28/2013 13:00	8/28/2013 13:27	8/28/2013 13:35
8/31/2013 13:30	8/31/2013 13:30	8/31/2013 14:00	8/31/2013 14:30
9/2/2013 10:25	9/2/2013 10:25	9/2/2013 10:50	9/2/2013 11:05
10/28/2013 20:15	10/28/2013 20:15	10/28/2013 20:30	10/28/2013 20:40
11/3/2013 9:35	11/3/2013 9:35	11/3/2013 10:30	11/3/2013 11:05
5/12/2007 10:45	5/12/2007 11:00	5/12/2007 11:25	5/12/2007 12:30
5/14/2007 8:45	5/14/2007 8:45	5/14/2007 9:15	5/14/2007 8:15
5/13/2007 14:08	5/13/2007 14:08	5/13/2007 14:30	5/13/2007 14:35
6/3/2007 19:30	6/3/2007 19:30	6/3/2007 19:55	6/3/2007 19:30
6/6/2007 14:35	6/6/2007 14:35	6/6/2007 14:45	6/6/2007 14:45
6/15/2007 15:00	6/15/2007 15:00	6/15/2007 15:10	6/15/2007 15:10
6/21/2007 9:15	6/21/2007 9:15	6/21/2007 9:30	6/21/2007 9:30
7/6/2007 15:00	7/6/2007 15:00	7/6/2007 15:15	7/6/2007 15:30
7/8/2007 14:00	7/8/2007 14:00	7/8/2007 14:27	7/8/2007 14:45
8/3/2007 11:00	8/3/2007 11:00	8/3/2007 11:10	8/3/2007 11:10
8/15/2007 13:00	8/15/2007 13:00	8/15/2007 13:15	8/15/2007 13:20
10/1/2007 16:14	10/1/2007 16:14	10/1/2007 16:40	10/1/2007 16:40
10/8/2007 8:30	10/8/2007 8:30	10/8/2007 8:45	10/8/2007 8:45
10/14/2007 17:19	10/14/2007 17:16	10/14/2007 17:40	10/14/2007 17:40
10/16/2007 7:15	10/16/2007 7:15	10/16/2007 7:25	10/16/2007 7:15
10/19/2007 9:00	10/20/2007 10:56	10/20/2007 11:20	10/20/2007 10:56
10/21/2007 4:30	10/21/2007 4:30	10/21/2007 4:50	10/21/2007 5:44
10/22/2007 2:15	10/22/2007 2:15	10/22/2007 2:25	10/22/2007 3:00
11/2/2007 1:00	11/2/2007 1:00	11/2/2007 1:30	11/2/2007 1:00
11/3/2007 10:15	11/3/2007 10:15	11/3/2007 10:40	11/3/2007 10:15
11/5/2007 18:30	11/5/2007 18:30	11/5/2007 19:00	11/5/2007 18:30
11/15/2007 22:50	11/15/2007 22:50	11/15/2007 23:10	11/15/2007 23:20
11/11/2007 11:40	11/11/2007 11:40	11/11/2007 12:10	11/11/2007 12:10
11/19/2007 9:30	11/19/2007 9:30	11/19/2007 9:45	11/19/2007 9:45
11/23/2007 11:20	11/23/2007 11:20	11/23/2007 11:30	11/23/2007 11:30
11/25/2007 14:30	11/25/2007 14:30	11/25/2007 15:00	11/25/2007 16:00
11/25/2007 16:10	11/25/2007 16:10	11/25/2007 16:30	11/25/2007 17:30
12/12/2007 8:30	12/12/2007 8:30	12/12/2007 8:45	12/12/2007 8:45
12/12/2007 10:00	12/12/2007 10:00	12/12/2007 10:15	12/12/2007 10:20
12/17/2007 14:15	12/17/2007 14:15	12/12/2007 14:25	12/12/2007 14:25

Other (specify below)
Other (specify below)
Root intrusion
Other (specify below)
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Other (specify below)
Root intrusion
Root intrusion
Root intrusion
Grease deposition (FOG)
Root intrusion
Other (specify below)
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Other (specify below)
Root intrusion
Root Intrusion
Root Intrusion
Root intrusion
Root intrusion
Root intrusion
Debris
Root intrusion
Debris
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Pipe structural problem/failure
Debris
Root intrusion
Root intrusion
Debris
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Operator error
Root intrusion
Root intrusion
Root intrusion
Pipe structural problem/failure
Debris
Grease deposition (FOG)
Grease deposition (FOG)
Debris

Tree branch
baby wipes

Paper
also, towel & wet weather
also, wet weather

Paper
also grease
also paper

Paper; Grit/Gravel

Grease, Roots, Wipes

Wipes
also gravel

Lateral crack in 6 gravity line.

Maintenance crew left a debris retrieving tool in the M.H while doing maintenance on the line in August.

Main
Main
Main
Main
Main
Main
Main
Main
Main
Main
Main
Main
Main
Main
Main
Main
Main
Main
Main
Main
Main
Main
Main
Gravity Mainline
Manhole

Main

HL-5
P4
UNK101
LM1
G3
G14
between D12 & DF1
G2
DE12
RE4
S9
DE13
PF4
BAT14
LF13B
NA4B

L51
H9
NA4B
L54
PZ1
FE2

FK5

No
No
No
No
No
No
No
No
No

6 V.C.P
4 V.C.P

4 v.c.p
4 V.C.P.

50
30

50

Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow
Cleaned-up (mitigated effects of spill);Restored flow
Cleaned-up (mitigated effects of spill);Restored flow
Cleaned-up (mitigated effects of spill);Restored flow
Cleaned-up (mitigated effects of spill);Inspected sewer using CCTV to determine cause;Restored flow
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Restored flow
Cleaned-up (mitigated effects of spill);Restored flow
Cleaned-up (mitigated effects of spill);Restored flow
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow
Cleaned-up (mitigated effects of spill);Restored flow
Restored flow
Cleaned-up (mitigated effects of spill);Restored flow
Cleaned-up (mitigated effects of spill);Restored flow
Cleaned-up (mitigated effects of spill);Restored flow
Cleaned-up (mitigated effects of spill);Restored flow

Restored flow

Cleaned-Up;Mitigated Effects of Spill
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Restored flow;Returned all or portion of spill to sanitary sewer system
Cleaned-up (mitigated effects of spill);Restored flow
Restored flow
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow
Returned all or portion of spill to sanitary sewer system
Cleaned-up (mitigated effects of spill);Restored flow;Returned all or portion of spill to sanitary sewer system
Restored flow
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow
Restored flow;Returned all or portion of spill to sanitary sewer system
Restored flow
Cleaned-up (mitigated effects of spill);Restored flow;Returned all or portion of spill to sanitary sewer system
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow;Returned all or portion of spill to sani
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow;Returned all or portion of spill to sani
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow;Returned all or portion of spill to sani
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow;Returned all or portion of spill to sani
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow;Returned all or portion of spill to sani
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow;Returned all or portion of spill to sani
Cleaned-up (mitigated effects of spill);Restored flow;Returned all or portion of spill to sanitary sewer system
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow;Returned all or portion of spill to sani
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow;Returned all or portion of spill to sani
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow;Returned all or portion of spill to sani
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow;Returned all or portion of spill to sani
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow;Returned all or portion of spill to sani
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow;Returned all or portion of spill to sani
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow;Returned all or portion of spill to sani
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow;Returned all or portion of spill to sani
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow;Returned all or portion of spill to sani

Home owner has been advised that it is a private problem and needs to call a plumber to fix the problem.

11/4/2012 2:50

3/13/2013 22:30

9/2/2013 11:05

11/3/2013 11:05
5/12/2007 18:04

7/6/2007 15:30

8/15/2007 14:00

11/16/2007 8:00

11/19/2007 10:30

12/12/2007 11:00
12/12/2007 11:00

Other (specify below)

Added sewer to preventive maintenance program

Added sewer to preventive maintenance program

Adjusted schedule/method of preventive maintenance
Plan rehabilitation or replacement of sewer

Added sewer to preventive maintenance program

Plan rehabilitation or replacement of sewer

Other (specify below)

Added sewer to preventive maintenance program

Adjusted schedule/method of preventive maintenance;Plan rehabilitation or replacement of sewer
Plan rehabilitation or replacement of sewer

Cleared debris from sewer line

The maintenance crew has been instructed to be more diligent and to account for all tools at the end of the day.

No

No

Yes Conti

No
No

No

No

No

No

Yes
No

Clean.

Yes

No

Yes

No

No

No

No

No

No

No

No

No

No

No

N/A

N/A
NA

NA

NA

N / A

N/A
N / A

Arroyo Corte Madera del Presidio Creek
N/A
N/A
N/A
N/A
N/A
N/A
N/A
N/A
N/A
N/A
N/A
N/A
N/A
N/A
N/A

Old Mill Creek

NA

NA

NA

N / A

N/A
N / A

Biological indicator(s) - specify below

No water quality samples taken

Biological indicator(s) - specify below

Not applicable to this spill
No water quality samples taken

No water quality samples taken

No water quality samples taken

No water quality samples taken

No water quality samples taken

No water quality samples taken

No water quality samples taken
No water quality samples taken

Total coliform; fecal coliform; enteroccoccus bacteria

Coliform; E-Coli; Enterococcus

County Health Agency;Regional Water Quality Control Board

None of the above

County Health Agency;Regional Water Quality Control Board

Not applicable to this spill
No water quality samples taken

None of the above

No water quality samples taken

No water quality samples taken

None of the above

None of the above
None of the above

eyeball estimate

duration & flow rate

126669 11/4/2012 14:45

135590 9/6/2013 9:30

Robert Zadnik	4153884033
Robert Zadnik	4153884033
Robert Zadnik	4153884033
Robert Zadnik	4153884033
Robert Zadnik	4153884033
Bianca Gomez	4153884033
Bianca Gomez	4153884033
Bianca Gomez, Associate Engineer	4153884033
Bianca Gomez, Associate Engineer	4153884033

2SSO10155	Active	709821	Michael Killigrew	Certified
2SSO10155	Active	709823	Michael Killigrew	Certified
2SSO10155	Active	710166	Michael Killigrew	Certified
2SSO10155	Active	710644	Michael Killigrew	Certified
2SSO10155	Active	710807	Michael Killigrew	Certified
2SSO10155	Active	710810	Michael Killigrew	Certified
2SSO10155	Active	710813	Michael Killigrew	Certified
2SSO10155	Active	710819	Michael Killigrew	Certified
2SSO10155	Active	710823	Michael Killigrew	Certified
2SSO10155	Active	710832	Michael Killigrew	Certified
2SSO10155	Active	711088	Michael Killigrew	Certified
2SSO10155	Active	711089	Michael Killigrew	Certified
2SSO10155	Active	711090	Michael Killigrew	Certified
2SSO10155	Active	711478	Michael Killigrew	Certified
2SSO10155	Active	711570	Michael Killigrew	Certified
2SSO10155	Active	711926	Michael Killigrew	Certified
2SSO10155	Active	711928	Michael Killigrew	Certified
2SSO10155	Active	711930	Michael Killigrew	Certified
2SSO10155	Active	711933	Michael Killigrew	Certified
2SSO10155	Active	711938	Michael Killigrew	Certified
2SSO10155	Active	711947	Michael Killigrew	Certified
2SSO10155	Active	712502	Michael Killigrew	Certified
2SSO10155	Active	713038	Michael Killigrew	Certified
2SSO10155	Active	713041	Michael Killigrew	Certified
2SSO10155	Active	713042	Michael Killigrew	Certified
2SSO10155	Active	713044	Michael Killigrew	Certified
2SSO10155	Active	713045	Michael Killigrew	Certified
2SSO10155	Active	713046	Michael Killigrew	Certified
2SSO10155	Active	713095	Michael Killigrew	Certified
2SSO10155	Active	713977	Michael Killigrew	Certified
2SSO10155	Active	714110	Michael KIlligrew	Certified
2SSO10155	Active	714491	Michael Killigrew	Certified
2SSO10155	Active	714575	Michael Killigrew	Certified
2SSO10155	Active	714607	Michael Killigrew	Certified
2SSO10155	Active	715009	Michael Killigrew	Certified
2SSO10155	Active	716593	Michael Killigrew	Certified
2SSO10155	Active	716604	Michael Killigrew	Certified
2SSO10155	Active	717993	Michael Killigrew	Certified
2SSO10155	Active	717999	Michael Killigrew	Certified
2SSO10155	Active	718040	Michael Killigrew	Certified
2SSO10155	Active	718046	Michael Killigrew	Certified
2SSO10155	Active	718375	Michael Killigrew	Certified
2SSO10155	Active	718382	Michael Killigrew	Certified
2SSO10155	Active	718420	Michael Killigrew	Certified
2SSO10155	Active	719483	Michael Killigrew	Certified
2SSO10155	Active	719598	Michael Killigrew	Certified
2SSO10155	Active	720042	Michael Killigrew	Certified
2SSO10155	Active	720066	Michael Killigrew	Certified
2SSO10155	Active	720768	Michael Killigrew	Certified
2SSO10155	Active	720774	Michael Killigrew	Certified
2SSO10155	Active	721531	Michael Killigrew	Certified
2SSO10155	Active	723274	Michael KIlligrew	Certified
2SSO10155	Active	723277	Michael Killigrew	Certified
2SSO10155	Active	723281	Michael Killigrew	Certified
2SSO10155	Active	723282	Michael Killigrew	Certified

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Millbrae Public Works	810139
Millbrae Public Works	366270
Millbrae Public works	793164
Millbrae Public Works	435529
Millbrae Public Works	793254
Millbrae Public Works	197144
Millbrae Public Works	604011
Millbrae Public Works.	965999
Millbrae Public Works	589135
Millbrae Public Works	666330
Millbrae Public Works	580390
Millbrae Public Works	605655
Millbrae Public Works	851397
Millbrae Public Works	966282
Millbrae Public Works	152688
Millbrae Public Works	112674
Millbrae Public Works	728589
Millbrae Public Works	161310
Millbrae Public Works	562904
Millbrae Public Works	671138
Millbrae Public Works	224893
Millbrae Public Works	697751
Millbrae Public Works	538639
Millbrae Public Works	653695
Millbrae Public Works	443898
Millbrae Public Works	182720
Millbrae Public Works	756428
Millbrae Public Works	685069
Millbrae Public Works	378656
Millbrae Public Works	506612
Millbrae Public Works	809949
Millbrae Public Works	924556
Millbrae Public Works	780128
Millbrae Public Works	675122
Millbrae Public Works	379739
Millbrae Public Works	760977
Millbrae Public Works	633712
Millbrae Public Works	539673
Millbrae Public Works	742405
Millbrae Public Works	478051
Millbrae Public Works	859431
Millbrae Public Works	111416
Millbrae Public Works	609587
Millbrae Public Works	924062
Millbrae Public Works	891697
Millbrae Public Works	214870
Millbrae Public Works.	490856
Millbrae Public Works	779129
Millbrae Public Works.	372656
Millbrae Public Works	815823
Milbrae Public Works	794103
Millbrae Public Works	751060
Millbrae Public Works	447860
Millbrae Public Works	652357
Millbrae Public Works	228791

18-Dec-07	18-Dec-07	10/22/2008
18-Dec-07	18-Dec-07	10/22/2008
21-Dec-07	21-Dec-07	10/22/2008
2-Jan-08	2-Jan-08	10/22/2008
7-Jan-08	7-Jan-08	10/22/2008
7-Jan-08	7-Jan-08	10/22/2008
7-Jan-08	7-Jan-08	10/22/2008
7-Jan-08	7-Jan-08	10/16/2008
7-Jan-08	7-Jan-08	10/16/2008
7-Jan-08	7-Jan-08	10/16/2008
10-Jan-08	10-Jan-08	10/16/2008
10-Jan-08	10-Jan-08	10/16/2008
10-Jan-08	10-Jan-08	10/16/2008
22-Jan-08	22-Jan-08	10/16/2008
23-Jan-08	23-Jan-08	10/16/2008
28-Jan-08	28-Jan-08	10/16/2008
28-Jan-08	16-Oct-08	10/16/2008
28-Jan-08	28-Jan-08	10/16/2008
28-Jan-08	28-Jan-08	10/16/2008
28-Jan-08	28-Jan-08	10/16/2008
28-Jan-08	28-Jan-08	10/16/2008
6-Feb-08	6-Feb-08	10/16/2008
19-Feb-08	19-Feb-08	10/16/2008
19-Feb-08	19-Feb-08	10/16/2008
19-Feb-08	19-Feb-08	10/16/2008
19-Feb-08	19-Feb-08	10/16/2008
19-Feb-08	19-Feb-08	10/16/2008
19-Feb-08	19-Feb-08	10/16/2008
19-Feb-08	19-Feb-08	10/16/2008
26-Feb-08	26-Feb-08	10/16/2008
27-Feb-08	27-Feb-08	10/16/2008
4-Mar-08	4-Mar-08	10/16/2008
6-Mar-08	6-Mar-08	10/16/2008
7-Mar-08	7-Mar-08	10/16/2008
18-Mar-08	18-Mar-08	10/16/2008
28-Apr-08	28-Apr-08	10/16/2008
28-Apr-08	28-Apr-08	10/16/2008
27-May-08	8-Jul-08	10/16/2008
27-May-08	27-May-08	10/16/2008
27-May-08	27-May-08	10/16/2008
27-May-08	27-May-08	10/16/2008
29-May-08	29-May-08	10/16/2008
29-May-08	29-May-08	10/16/2008
30-May-08	30-May-08	10/16/2008
13-Jun-08	13-Jun-08	10/16/2008
16-Jun-08	16-Jun-08	10/16/2008
22-Jun-08	22-Jun-08	10/16/2008
23-Jun-08	23-Jun-08	10/16/2008
27-Jun-08	27-Jun-08	10/16/2008
27-Jun-08	27-Jun-08	10/16/2008
7-Jul-08	7-Jul-08	10/16/2008
23-Jul-08	23-Jul-08	10/16/2008
23-Jul-08	23-Jul-08	10/16/2008
23-Jul-08	23-Jul-08	12/14/2010
23-Jul-08	23-Jul-08	10/16/2008

Category 3	5	5
Category 1	100	20
Category 3	3	3
Category 3	2	2
Category 1	3000	0
Category 1	1000	0
Category 1	3000	0
Category 1	3000	0
Category 1	1500	0
Category 1	1000	0
Category 1	5	0
Category 3	5	5
Category 1	5	0
Category 1	10	5
Category 3	5	5
Category 1	800	0
Category 1	800	0
Category 1	800	0
Category 1	10500	0
Category 1	2000	0
Category 1	2000	0
Category 1	5	0
Category 3	5	0
Category 1	40	0
Category 1	5	2
Category 3	5	5
Category 3	2	2
Category 3	1	1
Category 3	2	1
Category 3	10	10
Category 3	25	25
Category 3	5	0
Category 3	10	10
Category 3	25	25
Category 3	10	0
Category 1	50	10
Category 1	100	25
Category 3	1	0
Category 3	1	0
Category 3	1	0
Category 3	1	0
Category 3	1	1
Category 3	1	1
Category 3	25	10
Category 3	50	50
Category 3	1	1
Category 2	2500	2500
Category 3	5	0
Category 3	5	5
Category 3	1	1
Category 3	8	8
Category 3	1	1
Category 3	5	5
Category 3	1	1
Category 3	1	1

0	No	No
80	Yes	Yes
0	No	No
0	No	No
3000	Yes	Yes
1000	Yes	Yes
3000	Yes	Yes
3000	Yes	Yes
1500	Yes	Yes
1000	Yes	No
5	Yes	Yes
0	No	No
5	Yes	Yes
5	Yes	Yes
0	No	No
800	Yes	Yes
800	Yes	Yes
800	Yes	Yes
10500	Yes	Yes
2000	Yes	Yes
2000	Yes	Yes
5	Yes	Yes
0	Yes	Yes
40	Yes	Yes
3	Yes	Yes
0	No	No
0	No	No
0	No	No
0	No	No
0	No	No
0	Yes	Yes
0	No	No
0	Yes	Yes
0	Yes	No
0	No	No
40	Yes	Yes
75	Yes	Yes
0	No	No
0	No	No
0	No	No
0	No	No
0	No	No
0	No	No
0	No	No
0	No	Yes
0	No	No
0	Yes	Yes
0	No	No
0	No	No
0	No	No
0	No	No
0	No	No
0	No	No
0	No	No
0	No	No

Not Applicable - Spill did not reach storm drainpipe
No
Not Applicable - Spill did not reach storm drainpipe
Not Applicable - Spill did not reach storm drainpipe
No
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No
Not Applicable - Spill did not reach storm drainpipe
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Not Applicable - Spill did not reach storm drainpipe
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Not Applicable - Spill did not reach storm drainpipe
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Not Applicable - Spill did not reach storm drainpipe
Not Applicable - Spill did not reach storm drainpipe
Not Applicable - Spill did not reach storm drainpipe
Not Applicable - Spill did not reach storm drainpipe
Not Applicable - Spill did not reach storm drainpipe
No
Not Applicable - Spill did not reach storm drainpipe
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Not Applicable - Spill did not reach storm drainpipe
Not Applicable - Spill did not reach storm drainpipe
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Not Applicable - Spill did not reach storm drainpipe
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Yes
Not Applicable - Spill did not reach storm drainpipe
Yes
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Not Applicable - Spill did not reach storm drainpipe
Not Applicable - Spill did not reach storm drainpipe
Not Applicable - Spill did not reach storm drainpipe
Not Applicable - Spill did not reach a separate storm drainpipe
Not Applicable - Spill did not reach storm drainpipe

381 Laurel.
406 Hazel
490 Broadway
213 South Ashton.
1136 Landing Lane
355 Adrian Road.
959 El Camino Real.
10 Rollins Road.
185 Aviador
959 El Camino Real.
545 Anita
240 Hazel
213 South Ashton
1104 Millbrae Ave.
805 Hawthorne Ave.
96 Lerida
105 Lerida
231 Aviador (M.H in back yard)
185 Aviador
10 Rollins Road
1136 Landing Lane
25 Camino Alto
455 Broadway
505 Broadway
285 Broadway
198 Taylor
435 Elder
820 Murchison
990 Magnolia
490 Broadway
894 Viste Grande
324 South Ashton
508 Helen Drive
950 Sequoia ave.
196 Poplar Ave.
1307 Viste Grande
212 South Ashton
420 Palm
420 Palm
830 Murchison
25 Mio Corte
340 Castenada Drive
445 Greenhills Drive
1000 El Camino Real
211 Marcella
4 View Terrace
720 Taylor Blvd
2 View Terrace
1297 Vista Grande
340 Castenada
201 Hazel
301 So. Ashton Ave.
1291 Vista Grande
349 Castenada Dr.
520 Park Blvd

37.597778	122.398611	San Mateo
37.599167	122.398333	San Mateo
37.602222	122.393611	San Mateo
37.591111	122.395	San Mateo
37.61	122.398056	San Mateo
37.600278	122.381389	San Mateo
37.605556	122.396667	San Mateo
37.599722	122.383333	San Mateo
37.602222	122.385556	San Mateo
37.605556	122.396667	San Mateo
37.599722	122.406944	San Mateo
37.596667	122.395833	San Mateo
37.591111	122.395	San Mateo
37.5925	122.398056	San Mateo
37.5925	122.391389	San Mateo
37.603611	122.3875	San Mateo
37.604444	122.386944	San Mateo
37.602222	122.386944	San Mateo
37.602222	122.385556	San Mateo
37.599722	122.383333	San Mateo
37.61	122.398056	San Mateo
37.596944	122.402222	San Mateo
37.601944	122.393333	San Mateo
37.6025	122.394722	San Mateo
37.600278	122.391389	San Mateo
37.602222	122.394444	San Mateo
37.600833	122.3975	San Mateo
37.591389	122.391667	San Mateo
37.604444	122.398056	San Mateo
37.602222	122.393611	San Mateo
37.593056	122.408889	San Mateo
37.588889	122.391389	San Mateo
37.600556	122.407222	San Mateo
37.588333	122.3925	San Mateo
37.592778	122.395	San Mateo
37.589722	122.406111	San Mateo
37.591111	122.394722	San Mateo
37.6	122.398056	San Mateo
37.6	122.398056	San Mateo
37.591389	122.392222	San Mateo
37.593333	122.401389	San Mateo
37.588333	122.3925	San Mateo
37.603611	122.405	San Mateo
37.608056	122.395556	San Mateo
37.591111	122.393056	San Mateo
37.591944	122.399444	San Mateo
37.5975	122.398611	San Mateo
37.591944	122.399444	San Mateo
37.591111	122.406389	San Mateo
37.588333	122.3925	San Mateo
37.596389	122.395833	San Mateo
37.589444	122.3925	San Mateo
37.593889	122.406389	San Mateo
37.588333	-122.392556	San Mateo
37.608889	122.409444	San Mateo

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2

cleanout in sidewalk.
Clean out in sidewalk.

C.O on driveway
C.O in driveway
C.O in sidewalk
6 Cleanout

M.H in back yard.

C.O in sidewalk
C.O in Driveway.
C.O in Sidewalk.

C.O in sidewalk
C.O in sidewalk
C.O in sidewalk
C/O in sidewalk

Spill occurred at clean out in sidewalk.
Clean out in sidewalk
Manhole in street.
Side of home into alley
Spill occured from M.H. in back yard
Spill occured through a 4 cleanout.

Spill happened on a paved surface and drained to a private v-ditch. First city responder dammed the v-ditch. From the
Spill occured at M.H in street.

M.H in street.
M.H in back yard.

Sidewalk in front of residence at cleanout
C/O @ Sidewalk.
C/O @ Sidewalk
C/O @ Sidewalk.
C/O @ Sidewalk.

re it had drained to an unpaved drainag

Gravity sewer
Gravity sewer
Gravity sewer
Gravity sewer
Manhole
Manhole
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Gravity sewer
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Gravity sewer
Gravity sewer
Gravity sewer
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Manhole
Other sewer system structure
Manhole
Pump station
Gravity sewer
Gravity sewer
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Gravity sewer
Gravity sewer

Cleanout in sidewalk.

Spill occured from M.H. in back yard

C / O in sidewalk

Backup leaked through a crack in the asphalt.

Other paved surface
Storm drain
Other paved surface
Other paved surface
Storm drain
Storm drain
Storm drain
Storm drain
Storm drain
Storm drain
Storm drain
Other paved surface
Storm drain
Storm drain
Other (specify below)
Storm drain
Storm drain
Storm drain;Unpaved surface
Storm drain
Storm drain
Storm drain
Storm drain
Storm drain
Storm drain
Storm drain
Other paved surface
Other paved surface
Other paved surface
Unpaved surface
Other paved surface;Street/curb and gutter
Storm drain
Other paved surface
Storm drain
Storm drain;Street/curb and gutter
Other paved surface;Unpaved surface
Storm drain
Storm drain
Unpaved surface
Unpaved surface
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Unpaved surface
Other paved surface
Unpaved surface
Unpaved surface
Storm drain;Street/curb and gutter
Street/curb and gutter
Storm drain
Unpaved surface
Street/curb and gutter
Street/curb and gutter
Other paved surface;Street/curb and gutter;Unpaved surface
Other paved surface
Other paved surface;Street/curb and gutter
Street/curb and gutter
Other paved surface

Sidewalk.

Lawn

Lawn

Cleaned curb and gutter.

12/16/2007 16:04	12/16/2007 16:04	12/16/2007 16:30	12/16/2007 16:30
12/14/2007 11:15	12/14/2007 11:15	12/14/2007 11:25	12/14/2007 11:25
12/20/2007 16:30	12/20/2007 16:30	12/20/2007 16:52	12/20/2007 16:52
1/1/2008 17:00	1/1/2008 17:00	1/1/2008 17:30	1/1/2008 18:15
1/4/2008 9:30	1/4/2008 9:30	1/4/2008 9:30	1/4/2008 14:30
1/4/2008 9:30	1/4/2008 9:30	1/4/2008 9:30	1/4/2008 9:30
1/4/2008 9:30	1/4/2008 9:30	1/4/2008 9:30	1/4/2008 14:30
1/4/2008 9:30	1/4/2008 9:30	1/4/2008 9:30	1/4/2008 9:30
1/4/2008 9:30	1/4/2008 9:30	1/4/2008 9:30	1/4/2008 14:30
1/5/2008 11:00	1/5/2008 11:00	1/5/2008 11:00	1/5/2008 14:30
1/7/2008 19:30	1/7/2008 19:30	1/7/2007 19:50	1/7/2008 19:55
1/7/2008 20:30	1/7/2008 20:30	1/7/2008 20:30	1/7/2008 20:35
1/5/2008 14:00	1/5/2008 14:30	1/5/2008 14:30	1/5/2008 14:35
1/19/2008 12:05	1/19/2008 12:05	1/19/2008 12:15	1/19/2008 13:05
1/11/2008 11:00	1/11/2008 11:00	1/11/2008 11:10	1/11/2008 11:15
1/18/2008 15:00	1/18/2008 15:00	1/18/2008 15:00	1/18/2008 18:00
1/18/2008 15:00	1/18/2008 15:00	1/18/2008 15:00	1/18/2008 18:00
1/18/2008 15:00	1/18/2008 15:00	1/18/2008 15:00	1/18/2008 15:00
1/18/2008 15:00	1/18/2008 15:00	1/18/2008 15:00	1/18/2008 21:00
1/18/2008 15:00	1/18/2008 15:00	1/18/2008 15:00	1/18/2008 18:00
1/18/2008 15:00	1/18/2008 15:00	1/18/2008 15:00	1/18/2008 18:00
1/31/2008 9:30	1/31/2008 9:30	1/31/2008 10:00	1/31/2008 10:00
2/7/2008 11:00	2/7/2008 11:00	2/7/2008 11:00	2/7/2008 12:00
2/13/2008 12:05	2/13/2008 12:05	2/13/2008 12:15	2/13/2008 12:15
2/15/2008 10:00	2/13/2008 10:00	2/13/2008 10:10	2/13/2008 10:10
2/15/2008 14:53	2/15/2008 14:53	2/15/2008 15:05	2/15/2008 16:30
2/18/2008 13:00	2/18/2008 13:00	2/18/2008 13:23	2/18/2008 13:23
2/19/2008 8:30	2/19/2008 8:30	2/19/2008 8:50	2/19/2008 8:50
2/9/2008 10:05	2/9/2008 10:05	2/9/2008 10:15	2/9/2008 10:15
2/26/2008 16:40	2/26/2008 16:40	2/26/2008 16:40	2/26/2008 17:40
2/27/2008 15:15	2/27/2007 15:15	2/27/2008 15:30	2/27/2008 15:30
3/4/2008 11:35	3/4/2008 11:35	3/4/2008 11:50	3/4/2008 11:35
3/6/2008 11:15	3/6/2008 11:15	3/6/2008 11:15	3/6/2008 11:15
3/7/2008 7:30	3/7/2008 7:30	3/7/2008 7:30	3/7/2008 8:15
3/18/2008 11:25	3/18/2008 11:25	3/18/2008 11:35	3/18/2008 11:50
4/26/2008 19:10	4/26/2008 19:10	4/26/2008 19:30	4/26/2008 19:30
4/27/2008 15:30	4/27/2008 15:30	4/27/2008 16:00	4/27/2008 16:10
5/20/2008 9:35	5/20/2008 9:35	5/20/2008 9:40	5/20/2008 9:40
5/11/2008 11:30	5/11/2008 11:30	5/11/2008 11:45	5/11/2008 11:30
5/15/2008 18:25	5/15/2008 18:25	5/15/2008 18:40	5/15/2008 19:10
5/20/2008 9:35	5/20/2008 9:35	5/20/2008 9:40	5/20/2008 9:30
5/28/2008 11:00	5/28/2008 11:00	5/28/2008 11:20	5/28/2008 11:00
5/28/2008 10:30	5/28/2008 10:30	5/28/2008 10:45	5/28/2008 10:30
5/29/2008 15:30	5/29/2008 15:30	5/29/2008 15:40	5/29/2008 16:00
6/12/2008 10:15	6/12/2008 10:15	6/12/2008 10:20	6/12/2008 10:20
6/15/2008 18:00	6/15/2008 18:00	6/15/2008 18:20	6/15/2008 18:20
6/22/2008 8:14	6/22/2008 8:14	6/22/2008 8:45	6/22/2008 8:49
6/20/2008 15:05	6/20/2008 15:15	6/20/2008 0:00	6/20/2008 0:00
6/26/2008 14:54	6/26/2008 15:10	6/26/2008 16:00	6/26/2008 14:54
6/23/2008 12:30	6/23/2008 12:30	6/23/2008 12:55	6/23/2008 12:55
7/6/2008 19:15	7/6/2008 19:15	7/6/2008 19:35	7/6/2008 19:45
7/7/2008 7:20	7/7/2008 7:21	7/7/2008 7:20	7/7/2008 8:30
7/17/2008 8:00	7/17/2008 8:00	7/17/2008 8:00	7/17/2008 9:15
7/19/2008 4:27	7/19/2008 4:27	7/19/2008 4:27	7/19/2008 0:00
7/21/2008 9:00	7/21/2008 9:00	7/21/2008 9:00	7/19/2008 10:00

Debris
Debris
Debris
Root intrusion
Flow exceeded capacity
Flow exceeded capacity
Flow exceeded capacity
Flow exceeded capacity
Flow exceeded capacity
Flow exceeded capacity
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Debris
Rainfall exceeded design
Rainfall exceeded design
Rainfall exceeded design
Rainfall exceeded design
Rainfall exceeded design
Rainfall exceeded design
Root intrusion
Grease deposition (FOG)
Debris
Root intrusion
Root intrusion
Debris
Debris
Root intrusion
Root intrusion
Debris
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Pipe structural problem/failure
Debris
Grease deposition (FOG)
Grease deposition (FOG)
Root intrusion
Root intrusion
Grease deposition (FOG)
Root intrusion
Pipe structural problem/failure
Root intrusion
Root intrusion
Vandalism
Root intrusion
Root intrusion

Surcharged from rainwater.
Surcharged from rainwater.
Surcharged due to rainwater.
Surcharged from rainwater
Surcharged from rainwater.
Surcharged from rainwater +

City crews were working on City main when large mass of roots were encountered. Crews quickly worked blockage free a

Main
Main
Main
Main

Lower Lateral
Lower Lateral
Lower Lateral
Lower Lateral
Lower Lateral

6 VCP

6

6 V.C.P.
6 V.C.P.

60
30

Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow;Returned all or portion of spill to sanit
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow;Returned all or portion of spill to sanit
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow;Returned all or portion of spill to sanit
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow;Returned all or portion of spill to sanit
Cleaned-up (mitigated effects of spill)
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Cleaned-up (mitigated effects of spill);Restored flow
Cleaned-up (mitigated effects of spill);Restored flow
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow
Contained all or portion of spill;Restored flow
Contained all or portion of spill;Restored flow;Returned all or portion of spill to sanitary sewer system
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow;Returned all or portion of spill to sanit
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Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Contained all or portion of spill;Inspected sewer using CCTV to determine cause;Restored flow;Returned all or portion of
Cleaned-up (mitigated effects of spill);Restored flow;Returned all or portion of spill to sanitary sewer system
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Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow;Returned all or portion of spill to sanit

Crews immediately dammed gutter on arrival. Unplugged sewer main and flushed and vaccuumed storm drains.

City crews promptly responded from 3 blocks away. First responder built a dirt burm at curb and gutter to contain overflo

set up for repair.
Set up for repair

12/14/2007 12:30

1/4/2008 14:30
1/4/2008 9:30
1/4/2008 14:30
1/4/2008 14:30
1/4/2008 14:30
1/5/2008 18:00
1/7/2008 20:30

1/5/2008 15:00
1/19/2008 13:05

1/18/2008 18:00
1/18/2008 9:00
1/19/2008 10:00
1/18/2008 21:00
1/18/2008 18:00
1/18/2008 18:00
1/31/2008 11:00
2/7/2008 12:00
2/13/2008 13:05
2/13/2008 11:00

2/27/2008 17:35

3/6/2008 13:25
3/7/2008 8:15

4/27/2008 11:00
4/27/2008 17:00

6/22/2008 12:00

Plan rehabilitation or replacement of sewer

Other (specify below)
Other (specify below)
Other (specify below)
Other (specify below)
Other (specify below)
Other (specify below)
Plan rehabilitation or replacement of sewer

Plan rehabilitation or replacement of sewer
Added sewer to preventive maintenance program

Other (specify below)
Other (specify below)
Other (specify below)
Other (specify below)
Other (specify below)
Other (specify below)
Adjusted schedule/method of preventive maintenance
Added sewer to preventive maintenance program
Added sewer to preventive maintenance program
Added sewer to preventive maintenance program

Other (specify below)

Adjusted schedule/method of preventive maintenance
Adjusted schedule/method of preventive maintenance

Plan rehabilitation or replacement of sewer
Other (specify below)

Adjusted schedule/method of preventive maintenance

Plan for I & I study.
Plan for I & I study.
Plan for I & I study.
Plan for I & I study.
Plan for I & I study.
Planfor I & I study.

Add to check list for inclement weather SSO.
Add to sewer inclement weather checklist.
Addded m.h to sewer inclement weather checklist.
Added to sewer inclement weather check list.
Added M.H to sewer inclement weather check list.
Added M H to sewer inclement weather check list.

Crew training. Operator left a cleanoing tool in the line.

Sewer main will be T.V.ed

No

No
No
No
No
No
No
No

No
No

No
Yes
No
Yes
Yes
No
No
No
No
No

Yes

No
Yes

Yes
Yes

Yes

No

Yes
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N / A

No water quality samples taken

No water quality samples taken
No water quality samples taken
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No water quality samples taken

No water quality samples taken

None of the above

None of the above
None of the above
None of the above
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None of the above
None of the above
None of the above

None of the above

None of the above
No water quality samples taken

None of the above
None of the above

None of the above

8218	1/4/2008 9:30
8220	1/7/2008 9:30
80221	1/7/2008 9:30
80222	1/7/2008 9:30
80223	1/7/2008 9:30
80225	1/7/2008 9:30

80832	1/21/2008 11:15
80837	1/19/2008 11:15
80837	1/21/2008 11:15

81664	
81869	3/6/2008 13:00
81886	3/7/2008 9:35
83061	4/26/2008 21:30
83068	4/27/2008 18:00

84443	6/22/2008 10:12

85381	7/23/2008 1:20
85382	7/23/2008 1:30
85383	7/23/2008 1:50
85384	7/21/2008 2:10

2SSO10155	Active	724666	Michael Killigrew	Certified
2SSO10155	Active	724712	Michael Killigrew	Certified
2SSO10155	Active	725085	Michael Killigrew	Certified
2SSO10155	Active	725086	Michael Killigrew	Certified
2SSO10155	Active	725087	Michael Killigrew	Certified
2SSO10155	Active	725377	Michael Killigrew	Certified
2SSO10155	Active	725378	Michael KIlligrew	Certified
2SSO10155	Active	725926	Michael Killigrew	Certified
2SSO10155	Active	726209	Michael Killigrew	Certified
2SSO10155	Active	726888	Michael Killigrew	Certified
2SSO10155	Active	727052	Michael Killigrew	Certified
2SSO10155	Active	727057	Michael Killigrew	Certified
2SSO10155	Active	727059	Michael Killigrew	Certified
2SSO10155	Active	727060	Michael Killigrew	Certified
2SSO10155	Active	727224	Michael Killigrew	Certified
2SSO10155	Active	728697	Michael Killigrew	Certified
2SSO10155	Active	729321	Michael Killigrew	Certified
2SSO10155	Active	729322	Michael KIlligrew	Certified
2SSO10155	Active	729323	Michael Killigrew	Certified
2SSO10155	Active	730401	Michael KIlligrew	Certified
2SSO10155	Active	730405	Michael Killigrew	Certified
2SSO10155	Active	731147	Michael Killigrew	Certified
2SSO10155	Active	731149	Michael Killigrew	Certified
2SSO10155	Active	731153	Michael Killigrew	Certified
2SSO10155	Active	731154	Michael KIlligrew	Certified
2SSO10155	Active	731167	Michael Killigrew	Certified
2SSO10155	Active	731171	Michael Killigrew	Certified
2SSO10155	Active	733201	Michael Killigrew	Certified
2SSO10155	Active	733203	Michael Killigrew	Certified
2SSO10155	Active	733207	Michael Killigrew	Certified
2SSO10155	Active	733208	Michael Killigrew	Certified
2SSO10155	Active	733211	Michael Killigrew	Certified
2SSO10155	Active	733212	Michael Killigrew	Certified
2SSO10155	Active	733215	Michael Killigrew	Certified
2SSO10155	Active	733988	Michael Killigrew	Certified
2SSO10155	Active	734478	Michael Killigrew	Certified
2SSO10155	Active	734480	Michael Killigrew	Certified
2SSO10155	Active	734482	Michael KIlligrew	Certified
2SSO10155	Active	734483	Michael Killigrew	Certified
2SSO10155	Active	734484	Michael Killigrew	Certified
2SSO10155	Active	734575	Michael Killigrew	Certified
2SSO10155	Active	734576	Michael Killigrew	Certified
2SSO10155	Active	734577	Michael Killigrew	Certified
2SSO10155	Active	734579	Michael Killigrew	Certified
2SSO10155	Active	734590	Michael Killigrew	Certified
2SSO10155	Active	734591	Michael Killigrew	Certified
2SSO10155	Active	734595	Michael Killigrew	Certified
2SSO10155	Active	734597	Michael Killigrew	Certified
2SSO10155	Active	736001	Michael Killigrew	Certified
2SSO10155	Active	736002	Michael Killigrew	Certified
2SSO10155	Active	736847	Michael Killigrew	Certified
2SSO10155	Active	736848	Michael Killigrew	Certified
2SSO10155	Active	736850	Michael Killigrew	Certified
2SSO10155	Active	738442	Michael KIlligrew	Certified
2SSO10155	Active	738443	Michael Killigrew	Certified

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Millbrae Public Works	749671
Millbrae Public Works	737028
Millbrae Public Works	408097
Millbrae Public Works	378047
Millbrae Public Works	371165
Millbrae Public Works	135110
Millbrae Public Works	698492
MIllbrae Public Works	538264
Millbrae Public Works	848360
Millbrae Public Works	962946
Millbrae Public Works	141199
Millbrae Public Works	147101
Millbrae Public Works	764374
Millbrae Public Works	263585
Millbrae Public Works	746947
Millbrae Public Works	249401
Millbrae Public Works	435498
Millbrae Public Works	299618
Millbrae Public Works.	491504
Millbrae Public Works	219775
Millbrae Public Works.	455544
Millbrae Public Works	599482
Millbrae Public Works	329170
Millbrae Public Works	951054
Millbrae Public Works	593999
Millbrae Public Works	783544
Millbrae Public Works	759833
Millbrae Public Works	772032
Millbrae Public Works	392513
Millbrae Public Works	565801
Millbrae Public Works	104388
Millbrae Public Works	922977
Millbrae Public Works	196434
Millbrae Public Works	910951
Millbrae Public Works.	523036
Millbrae Public Works	836532
Millbrae Public Works.	298771
Millbrae Public Works	918192
Millbrae Public Works	949924
Millbrae Public Works	870368
Millbrae Public Works	659787
Millbrae Public Works	265490
Millbrae Public Works	689732
Millbrae Public Works	673343
Millbrae Public Works	939780
Millbrae Public Works	902370
Millbrae Public Works	924952
Millbrae Public Works	813970
Millbrae Public Works.	615609
Millbrae Public Works	265420
Millbrae Public Works	706936
Millbrae Public Works	751008
Millbrae Public Works	165651
Millbrae Public Works.	860127
Millbrae Public Works.	687929

14-Aug-08	14-Aug-08	10/16/2008
15-Aug-08	15-Aug-08	12/6/2010
22-Aug-08	16-Oct-08	10/16/2008
22-Aug-08	22-Aug-08	10/16/2008
22-Aug-08	16-Oct-08	10/16/2008
27-Aug-08	27-Aug-08	10/16/2008
27-Aug-08	27-Aug-08	10/16/2008
9-Sep-08	9-Sep-08	10/16/2008
12-Sep-08	12-Sep-08	10/16/2008
26-Sep-08	26-Sep-08	10/16/2008
29-Sep-08	29-Sep-08	10/16/2008
29-Sep-08	29-Sep-08	10/16/2008
29-Sep-08	29-Sep-08	10/16/2008
29-Sep-08	29-Sep-08	10/16/2008
1-Oct-08	1-Oct-08	10/16/2008
30-Oct-08	30-Oct-08	10/30/2008
17-Nov-08	17-Nov-08	11/17/2008
17-Nov-08	17-Nov-08	11/17/2008
17-Nov-08	17-Nov-08	11/17/2008
10-Dec-08	10-Dec-08	12/10/2008
10-Dec-08	10-Dec-08	12/10/2008
29-Dec-08	29-Dec-08	12/29/2008
29-Dec-08	29-Dec-08	12/29/2008
29-Dec-08	29-Dec-08	12/29/2008
29-Dec-08	29-Dec-08	12/29/2008
30-Dec-08	30-Dec-08	12/30/2008
30-Dec-08	30-Dec-08	12/30/2008
6-Feb-09	6-Feb-09	2/6/2009
6-Feb-09	6-Feb-09	2/6/2009
6-Feb-09	6-Feb-09	2/6/2009
6-Feb-09	6-Feb-09	2/6/2009
6-Feb-09	6-Feb-09	2/6/2009
6-Feb-09	6-Feb-09	2/6/2009
6-Feb-09	6-Feb-09	2/6/2009
23-Feb-09	23-Feb-09	2/23/2009
2-Mar-09	2-Mar-09	3/2/2009
2-Mar-09	2-Mar-09	3/2/2009
2-Mar-09	2-Mar-09	3/2/2009
2-Mar-09	2-Dec-10	12/2/2010
2-Mar-09	2-Mar-09	3/5/2009
4-Mar-09	4-Mar-09	3/4/2009
4-Mar-09	4-Mar-09	3/4/2009
4-Mar-09	4-Mar-09	3/4/2009
4-Mar-09	4-Mar-09	3/4/2009
5-Mar-09	5-Mar-09	3/5/2009
5-Mar-09	5-Mar-09	3/5/2009
5-Mar-09	5-Mar-09	3/5/2009
5-Mar-09	5-Mar-09	3/5/2009
6-Apr-09	6-Apr-09	4/6/2009
6-Apr-09	6-Apr-09	4/6/2009
27-Apr-09	27-Apr-09	4/27/2009
27-Apr-09	27-Apr-09	4/27/2009
27-Apr-09	27-Apr-09	4/27/2009
3-Jun-09	3-Jun-09	6/3/2009
3-Jun-09	3-Jun-09	6/3/2009

Category 3	1	1
Category 3	2	2
Category 3	1	0
Category 3	1	1
Category 3	1	1
Category 3	1	1
Category 3	2	2
Category 3	20	20
Category 3	30	30
Category 3	10	10
Category 3	10	10
Category 3	1	1
Category 3	1	1
Category 3	5	5
Category 3	1	0
Category 3	5	5
Category 3	2	2
Category 3	3	3
Category 3	2	2
Category 3	5	0
Category 3	25	0
Category 3	1	1
Category 3	5	0
Category 3	1	1
Category 3	15	15
Category 3	10	10
Category 3	1	0
Category 3	2	2
Category 3	5	5
Category 3	1	1
Category 3	5	5
Category 3	1	1
Category 3	1	1
Category 3	1	1
Category 1	3500	0
Category 1	1000	0
Category 1	1000	0
Category 1	1000	0
Category 1	3000	0
Category 1	3000	0
Category 3	1	1
Category 3	4	4
Category 3	1	1
Category 3	50	50
Category 3	1	1
Category 3	1	1
Category 3	1	1
Category 3	1	1
Category 3	1	1
Category 3	1	1
Category 3	15	5
Category 3	1	1
Category 3	1	1
Category 3	20	20
Category 3	5	5

0	No	No
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0	No	No
0	No	No
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3500	Yes	Yes
1000	Yes	Yes
1000	Yes	Yes
1000	Yes	Yes
3000	Yes	Yes
3000	Yes	Yes
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0	No	No

Not Applicable - Spill did not reach storm drainpipe
Not Applicable - Spill did not reach a separate storm drainpipe
Not Applicable - Spill did not reach storm drainpipe
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400 Millbrae Ave.
401 E.C.R.
445 Greenhills
430 Hillcrest.
311 Hazel
800 Taylor
341 Ashton
949 Vista Grande
1038 Crest view Drive
151 El Camino Real
208 South Ashton
1 Hazel
289 El Camino Real
17 Corte Dorado
205 South Ashton
356 Cedar
885 Tioga
810 Ahwahnee
1220 Frontera
1252 Millbrae Ave.
300 Hillcrest
720 Hillcrest
10 Corte Princessa
1165 San Anselmo
110 El Camino Real
871 Taylor
330 Poplar
421 Green Hills
1275 Viste Grande
810 El Capitan
230 Palm
819 Pinon
815 Lomita
824 Murchison
185 Aviador
231 Aviador
219 Aviador
203 Aviador
185 Aviador.
185 Aviador
27 Aura Vista
850 El Camino Real
304 South Ashton
191 El Bonito
802 Clearfield
931 Sequoia
521 Hazel
340 Laurel
409 Poplar
15 Claremont Court
427 Green Hills
195 Aviador
920 Murchison
151 El Camino Real
332 Helen Dr.

37.596389	122.391111	San Mateo
37.602222	-122.391944	San Mateo
37.603611	122.405	San Mateo
37.598333	122.395833	San Mateo
37.599167	122.396944	San Mateo
37.597778	122.399722	San Mateo
37.596389	122.398333	San Mateo
37.594444	122.407778	San Mateo
37.598889	122.419722	San Mateo
37.599167	122.388333	San Mateo
37.591389	122.394722	San Mateo
37.594444	122.394444	San Mateo
37.599167	122.388333	San Mateo
37.595278	122.401667	San Mateo
37.591667	122.395278	San Mateo
37.61	122.393889	San Mateo
37.598333	122.408611	San Mateo
37.596667	122.410556	San Mateo
37.586389	122.394167	San Mateo
37.588611	122.406111	San Mateo
37.599444	122.394722	San Mateo
37.596111	122.397222	San Mateo
37.594444	122.403889	San Mateo
37.610556	122.399722	San Mateo
37.598056	122.385556	San Mateo
37.597222	122.401111	San Mateo
37.600278	122.395278	San Mateo
37.603333	122.4	San Mateo
37.591111	122.406111	San Mateo
37.596944	122.411111	San Mateo
37.596667	122.395278	San Mateo
37.590556	122.389167	San Mateo
37.608889	122.418889	San Mateo
37.591389	122.391944	San Mateo
37.601944	122.386944	San Mateo
37.602222	122.386944	San Mateo
37.602222	122.386667	San Mateo
37.6025	122.385833	San Mateo
37.602222	-122.385278	San Mateo
37.602222	122.385278	San Mateo
37.592778	122.404167	San Mateo
37.604722	122.395	San Mateo
37.589444	122.392222	San Mateo
37.595556	122.403611	San Mateo
37.595833	122.408889	San Mateo
37.593056	122.394722	San Mateo
37.598889	122.4	San Mateo
37.5975	122.397778	San Mateo
37.600833	-122.396389	San Mateo
37.602222	-122.415833	San Mateo
37.603056	-122.404167	San Mateo
37.602778	-122.384722	San Mateo
37.591944	-122.395	San Mateo
37.599444	-122.388333	San Mateo
37.603333	-122.4025	San Mateo

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Cleanout in sidewalk.
C.O in parking lot

C.O. in sidewalk.

C.o at sidewalk
C.o in sidewalk
Lateral in easement at the back of the property
SSO occured in easement at back of property.
M.H. at intersection

C.O in back yard.

C.O in sidewalk

C.O in sidewalk.
C.O in sidewalk.
C.O in back yard.
M.H at crown of intersection.
C.O on garage

C.O in sidewalk
C.O in sidewalk
C.O in sidewalk.
C.O in sidewalk

C.O.
C.O in sidewalk
C.O in sidewalk.
C.O in sidewalk
C.O in sidewalk.
C.O in sidewalk.
Manhole.
C.O in back yard.
C.O in back yard overflowed from surcharge.
C.O in back yard.
C.O in back yard.
C.O in back yard.
C.O
C.O in sidewalk.

M.H.
C.O in sidewalk.
C.O in sidewalk.
C.O in sidewalk
C.O in sidewalk.
C.O in sidewalk
C.O in sidewalk.
M.H in back yard.

Gravity sewer
Gravity sewer
Gravity sewer
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Gravity sewer
Manhole
Manhole
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Gravity sewer
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Manhole
Building or structure
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Manhole
Gravity sewer

C.O in front yard.

C.O. in garage floor.

C.O. in sidewalk.

C.O in sidewalk.

C.O in back yard

C.O on property.

M.H in back yard

Street/curb and gutter
Other paved surface
Unpaved surface
Other paved surface
Building or structure
Street/curb and gutter
Street/curb and gutter
Unpaved surface
Other paved surface
Street/curb and gutter
Street/curb and gutter
Street/curb and gutter
Street/curb and gutter
Unpaved surface
Street/curb and gutter
Street/curb and gutter
Street/curb and gutter
Street/curb and gutter
Street/curb and gutter
Unpaved surface
Street/curb and gutter
Building or structure
Unpaved surface
Street/curb and gutter
Storm drain
Street/curb and gutter;Unpaved surface
Street/curb and gutter
Unpaved surface
Street/curb and gutter
Street/curb and gutter
Other paved surface
Other paved surface
Other paved surface
Other paved surface
Storm drain
Storm drain
Storm drain
Storm drain
Separate storm drain
Storm drain
Street/curb and gutter
Street/curb and gutter
Street/curb and gutter
Storm drain
Street/curb and gutter
Street/curb and gutter
Street/curb and gutter
Street/curb and gutter
Other paved surface
Other paved surface
Unpaved surface
Unpaved surface
Other paved surface
Street/curb and gutter
Street/curb and gutter

Spill contained to parking lot.

Overflowed at a c.o in garage.

Backyard

Side walk

8/11/2008 11:45	8/11/2008 12:30	8/11/2008 12:30	8/11/2008 11:45
8/14/2008 8:15	8/14/2008 8:15	8/14/2008 10:15	8/14/2008 8:30
8/22/2008 9:50	8/22/2008 9:50	8/22/2008 10:10	8/22/2008 9:50
8/21/2008 20:10	8/21/2008 20:10	8/21/2008 20:35	8/21/2008 20:10
8/19/2008 17:12	8/19/2008 17:12	8/19/2008 17:40	8/19/2008 17:12
8/25/2008 9:30	8/25/2008 9:30	8/25/2008 9:50	8/25/2008 9:50
8/26/2008 19:38	8/26/2008 19:38	8/26/2008 20:05	8/26/2008 19:38
9/2/2008 9:00	9/2/2008 9:00	9/2/2008 9:22	9/2/2008 10:22
9/8/2008 13:30	9/8/2008 13:30	9/8/2008 13:30	9/8/2008 5:00
9/9/2008 19:00	9/9/2008 19:00	9/9/2008 19:25	9/9/2008 19:30
9/22/2008 21:55	9/22/2008 21:55	9/22/2008 22:05	9/22/2008 21:55
9/12/2008 7:45	9/12/2008 7:45	9/12/2008 7:55	9/12/2008 7:45
9/22/2008 10:00	9/22/2008 10:00	9/22/2008 10:15	9/22/2008 10:00
9/15/2008 9:30	9/15/2008 9:30	9/15/2008 10:00	9/15/2008 9:30
9/26/2008 12:15	9/26/2008 12:15	9/26/2008 12:20	9/26/2008 12:15
10/28/2008 18:50	10/28/2008 18:50	10/28/2008 19:06	10/28/2008 19:06
11/4/2008 15:00	11/4/2008 15:00	11/4/2008 15:15	11/4/2008 15:00
11/16/2008 8:10	11/16/2008 8:10	11/16/2008 8:20	11/16/2008 8:10
11/10/2008 14:30	11/10/2008 14:30	11/10/2008 14:45	11/10/2008 14:30
12/1/2008 11:00	12/1/2008 11:00	12/1/2008 11:20	12/1/2008 11:00
11/29/2008 19:30	11/29/2008 19:30	11/29/2008 19:45	11/29/2008 21:35
12/14/2008 14:45	12/14/2008 14:45	12/14/2008 15:15	12/14/2008 15:45
12/16/2008 8:00	12/16/2008 8:00	12/16/2008 8:15	12/16/2008 8:00
12/20/2008 12:12	12/20/2008 12:12	12/20/2008 12:40	12/20/2008 13:45
12/23/2008 7:00	12/23/2008 7:00	12/23/2008 7:10	12/23/2008 7:10
12/23/2008 18:45	12/23/2008 18:45	12/23/2008 19:15	12/23/2008 18:45
12/27/2008 12:15	12/27/2008 12:15	12/27/2008 12:25	12/27/2008 12:15
1/3/2009 16:30	1/3/2009 16:30	1/3/2009 16:55	1/3/2009 16:30
1/6/2009 15:05	1/6/2009 15:05	1/6/2009 16:00	1/6/2009 16:00
1/6/2009 15:00	1/6/2009 15:00	1/6/2009 15:20	1/6/2009 15:20
1/18/2009 16:00	1/18/2009 16:00	1/18/2009 16:25	1/18/2009 18:00
1/18/2009 16:00	1/18/2009 16:00	1/18/2009 16:15	1/18/2009 18:00
1/24/2009 14:35	1/18/2009 14:35	1/18/2009 15:00	1/18/2009 16:00
1/26/2009 10:00	1/26/2009 10:00	1/26/2009 10:10	1/26/2009 10:10
2/22/2009 14:52	2/22/2009 14:52	2/22/2009 14:52	2/22/2009 15:52
3/2/2009 13:30	3/2/2009 13:30	3/2/2009 14:00	3/2/2009 14:00
3/2/2009 13:30	3/2/2009 13:30	3/2/2009 13:30	3/2/2009 14:00
3/2/2009 13:30	3/2/2009 13:30	3/2/2009 13:30	3/2/2009 14:00
3/2/2009 13:30	3/2/2009 13:30	3/2/2009 13:30	3/2/2009 14:00
3/2/2009 13:30	3/2/2009 13:30	3/2/2009 13:30	3/2/2009 14:00
2/2/2009 11:25	2/2/2009 11:25	2/2/2009 11:50	2/2/2009 11:25
2/4/2009 13:30	2/4/2009 13:30	2/4/2009 13:40	2/4/2009 13:30
2/5/2009 14:40	2/5/2009 14:40	2/5/2009 15:00	2/5/2009 14:40
2/5/2009 8:30	2/5/2009 8:30	2/5/2009 8:50	2/5/2009 9:00
2/11/2009 10:00	2/11/2009 10:15	2/11/2009 11:00	2/11/2009 10:15
2/14/2009 8:30	2/14/2009 8:30	2/14/2009 8:45	2/14/2009 8:30
2/15/2009 14:00	2/15/2009 14:00	2/15/2009 14:15	2/15/2009 14:00
2/14/2009 12:15	2/14/2009 12:15	2/14/2009 12:30	2/14/2009 12:15
3/20/2009 8:10	3/20/2009 8:10	3/20/2009 8:30	3/20/2009 8:30
3/7/2009 20:17	3/7/2009 20:17	3/7/2009 20:35	3/7/2009 0:35
4/19/2009 18:45	4/19/2009 18:45	4/19/2009 19:10	4/19/2009 19:10
4/20/2009 9:45	4/20/2009 9:45	4/20/2009 10:05	4/20/2009 10:05
4/21/2009 7:50	4/21/2009 7:50	4/21/2009 8:00	4/21/2009 8:00
5/26/2009 18:45	5/26/2009 18:45	5/26/2009 19:00	5/26/2009 19:00
5/12/2009 19:45	5/12/2009 19:45	5/12/2009 20:05	5/12/2009 20:05

Root intrusion
Grease deposition (FOG)
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Debris
Root intrusion
Root intrusion
Debris
Debris
Root intrusion
Debris
Root intrusion
Debris
Debris
Pipe structural problem/failure
Root intrusion
Debris
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Debris
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Debri-Rags
Other (specify below)
Rainfall exceeded design
Rainfall exceeded design
Rainfall exceeded design
Rainfall exceeded design (Seperate CS Only)
Rainfall exceeded design
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Debri-General
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Grease deposition (FOG)
Grease deposition (FOG)
Root intrusion
Pipe structural problem/failure
Pipe structural problem/failure

6 sewer line has concrete in it.

WPCP lost electrical power for about 1/2 hour.

Lower Lateral

Lower Lateral
Lower Lateral

Lower Lateral
Main
Main
Lower Lateral
Lower Lateral
Lower Lateral

Lower Lateral
Lower Lateral

Lower Lateral
Lower Lateral
Lower Lateral
Lower Lateral

Lower Lateral
Lower Lateral
Lower Lateral
Lower Lateral

Lower Lateral
Lower Lateral
Other (specify below)

Main

Lower Lateral
Lower Lateral
Lower Lateral
Main
Lower Lateral

Lower Lateral
Lower Lateral
Lower Lateral
Main
Lower Lateral
Lower Lateral
Main
Lower Lateral

WPCP

Collections division completes weekly maintenance on this line. This line has been obstructed by construction debris in th

6 VCP

ıe past and is beset by offsel

Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow;Returned all or portion of spill to sanit
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow;Returned all or portion of spill to sanit
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow;Returned all or portion of spill to sanit
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Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow;Returned all or portion of spill to sanit
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R

Crews dug up and replaced whole lateral with cleanout and backflow prevention device one week later.

2/22/2009 18:00
3/2/2009 16:00
3/2/2009 16:00
3/2/2009 16:00
3/2/2009 16:00
3/2/2009 16:00

Other (specify below)
Plan rehabilitation or replacement of sewer
Plan rehabilitation or replacement of sewer
Plan rehabilitation or replacement of sewer
Plan rehabilitation or replacement of sewer
Plan rehabilitation or replacement of sewer

Treatment plant is repairing their problem.

Yes
No
No
No
No
No

Yes
No
No
No
No
No

N/A
N/A
N/A
N/A
N/A
N/A

Drainage ditch.
N/A
N/A
N/A
Storm Water Drainage Canal
N/A

No water quality samples taken
No water quality samples taken
No water quality samples taken
No water quality samples taken
No water quality samples taken
No water quality samples taken

None of the above
None of the above
No water quality samples taken
No water quality samples taken
No water quality samples taken
No water quality samples taken

86568	
86680	9/12/2008 13:15

91539	2/22/2009 16:18
91795	3/2/2009 16:42
91796	3/2/2009 16:48
91798	3/2/2009 16:42
91799	3/2/2009 16:48
91799	3/2/2009 16:48

2SSO10155	Active	739320	Michael Killigrew	Certified
2SSO10155	Active	740496	Michael Killigrew	Certified
2SSO10155	Active	741392	Michael Killigrew	Certified
2SSO10155	Active	741393	Michael Killigrew	Certified
2SSO10155	Active	742596	Michael Killigrew	Certified
2SSO10155	Active	744414	Michael Killigrew	Certified
2SSO10155	Active	745343	Michael Killigrew	Certified
2SSO10155	Active	745344	Michael Killigrew	Certified
2SSO10155	Active	745467	Michael Killigrew	Certified
2SSO10155	Active	745469	Michael Killigrew	Certified
2SSO10155	Active	745611	Michael Killigrew	Certified
2SSO10155	Active	745635	Michael Killigrew	Certified
2SSO10155	Active	745638	Michael Killigrew	Certified
2SSO10155	Active	745639	Michael Killigrew	Certified
2SSO10155	Active	745642	Michael Killigrew	Certified
2SSO10155	Active	745928	Michael Killigrew	Certified
2SSO10155	Active	746052	Michael Killigrew	Certified
2SSO10155	Active	746083	Michael Killigrew	Certified
2SSO10155	Active	746445	Michael Killigrew	Certified
2SSO10155	Active	746648	Michael Killigrew	Certified
2SSO10155	Active	746726	Michael Killigrew	Certified
2SSO10155	Active	747194	Michael Killigrew	Certified
2SSO10155	Active	747524	Michael Killigrew	Certified
2SSO10155	Active	748181	Michael Killigrew	Certified
2SSO10155	Active	748472	Michael Killigrew	Certified
2SSO10155	Active	748881	Michael Killigrew	Certified
2SSO10155	Active	748890	Michael Killigrew	Certified
2SSO10155	Active	748891	Michael Killigrew	Certified
2SSO10155	Active	749018	Michael Killigrew	Certified
2SSO10155	Active	749020	Michael Killigrew	Certified
2SSO10155	Active	749021	Michael Killigrew	Certified
2SSO10155	Active	749938	Michael Killigrew	Certified
2SSO10155	Active	749939	Michael Killigrew	Certified
2SSO10155	Active	750619	Michael Killigrew	Certified
2SSO10155	Active	750624	Michael Killigrew	Certified
2SSO10155	Active	750673	Michael Killigrew	Certified
2SSO10155	Active	750774	Michael Killigrew	Certified
2SSO10155	Active	750777	Michael Killigrew	Certified
2SSO10155	Active	750879	Michael Killigrew	Certified
2SSO10155	Active	751054	Michael Killigrew	Certified
2SSO10155	Active	751452	Michael Killigrew	Certified
2SSO10155	Active	752232	Michael Killigrew	Certified
2SSO10155	Active	752470	Michael Killigrew	Certified
2SSO10155	Active	752631	Michael Killigrew	Certified
2SSO10155	Active	752819	Michael Killigrew	Certified
2SSO10155	Active	753640	Michael Killigrew	Certified
2SSO10155	Active	754013	Michael Killigrew	Certified
2SSO10155	Active	755061	Michael Killigrew	Certified
2SSO10155	Active	755063	Michael Killigrew	Certified
2SSO10155	Active	755982	Michael Killigrew	Certified
2SSO10155	Active	756727	Michael Killigrew	Certified
2SSO10155	Active	758461	Michael Killigrew	Certified
2SSO10155	Active	758462	Michael Killigrew	Certified
2SSO10155	Active	758973	Michael Killigrew	Certified
2SSO10155	Active	759425	Michael Killigrew	Certified

Supervisor
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Public Works Supervisor
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Millbrae Public Works.	193330
Millbrae Public Works	179246
Millbrae Public Works	184632
Millbrae Public Works.	150806
Millbrae Public Works.	440832
Millbrae Public Works.	852216
Millbrae Public Works	348844
Millbrae Public Works	904272
Millbrae Public Works.	530735
Millbrae Public Works	668880
Millbrae Public Works.	208659
Millbrae public Works	482716
Millbrae Public Works	261418
Millbrae Public Works	685088
Millbrae Public Works	813925
Millbrae Public Works.	365624
Millbrae Public Works	329951
Millbrae Public Works	194073
Millbrae Public Works	773989
Millbrae Public Works	248078
Millbrae Public Works.	590032
Millbrae Public Works	528751
Millbrae Public Works	646679
Millbrae Public Works	161971
Millbrae Public Works Corp Yard	585598
Millbrae Public Works	155136
Millbrae Public Works	207672
Millbrae Public Works.	101853
Millbrae Public Works	860728
Millbrae Public Works	196890
Millbrae Public Works	110244
Millbrae Public Works	184564
Millbrae Public Works.	281982
Millbrae Public Works	433129
Millbrae Public Works	765483
Millbrae Public Works	411417
Millbrae Public Works.	679293
Millbrae Public Works.	317031
Millbrae public Works	884507
Millbrae Public Works.	675989
Millbrae Public Works	208641
Millbrae Public Works	925274
Millbrae Public Works	695539
Millbrae Public Works	987450
Millbrae Public Works	108418
Millbrae Public Works	610605
Millbrae Public Works	498214
Millbrae Public Works	827365
Millbrae Public Works	983179
Millbrae Public Works	759254
Millbrae Public Works	922326
Millbrae Public Works	501819
Millbrae Public Works	601388
Millbrae Public Works	541381
Millbrae Public Works	408866

16-Jun-09		16-Jun-09	6/16/2009
1-Jul-09		1-Jul-09	7/1/2009
16-Jul-09		16-Jul-09	12/18/2009
16-Jul-09		16-Jul-09	7/16/2009
6-Aug-09		6-Aug-09	8/6/2009
9-Sep-09		9-Sep-09	9/9/2009
5-Oct-09		5-Oct-09	10/5/2009
5-Oct-09		5-Oct-09	10/5/2009
7-Oct-09		7-Oct-09	10/7/2009
7-Oct-09		7-Oct-09	12/2/2010
14-Oct-09		14-Oct-09	10/14/2009
14-Oct-09		14-Oct-09	12/14/2010
14-Oct-09		14-Oct-09	10/14/2009
14-Oct-09		14-Oct-09	10/14/2009
14-Oct-09		14-Oct-09	10/14/2009
22-Oct-09		22-Oct-09	10/22/2009
25-Oct-09		25-Oct-09	1/24/2011
26-Oct-09		26-Oct-09	10/26/2009
3-Nov-09		3-Nov-09	11/3/2009
9-Nov-09		12-Jan-10	12/2/2010
12-Nov-09		12-Nov-09	11/12/2009
30-Nov-09		30-Nov-09	11/30/2009
16-Dec-09		16-Dec-09	12/16/2009
6-Jan-10		6-Jan-10	1/6/2010
20-Jan-10		20-Jan-10	1/20/2010
27-Jan-10		27-Jan-10	1/27/2010
28-Jan-10		28-Jan-10	1/28/2010
28-Jan-10		28-Jan-10	1/28/2010
1-Feb-10		1-Feb-10	2/1/2010
1-Feb-10		1-Feb-10	2/1/2010
1-Feb-10		1-Feb-10	2/1/2010
1-Mar-10		1-Mar-10	3/1/2010
1-Mar-10		1-Mar-10	3/1/2010
16-Mar-10		16-Mar-10	3/16/2010
16-Mar-10		16-Mar-10	3/16/2010
17-Mar-10		17-Mar-10	3/17/2010
19-Mar-10		19-Mar-10	3/19/2010
19-Mar-10		19-Mar-10	3/19/2010
23-Mar-10		23-Mar-10	1/31/2011
29-Mar-10		29-Mar-10	3/29/2010
9-Apr-10		9-Apr-10	1/31/2011
6-May-10		6-May-10	5/6/2010
17-May-10	5/17/2010	17-May-10	5/17/2010
24-May-10	5/24/2010	24-May-10	5/24/2010
1-Jun-10	6/1/2010	1-Jun-10	6/1/2010
21-Jun-10	6/21/2010	21-Jun-10	6/21/2010
28-Jun-10	6/28/2010	28-Jun-10	6/28/2010
16-Jul-10	7/16/2010	16-Jul-10	7/16/2010
16-Jul-10	7/16/2010	16-Jul-10	7/16/2010
12-Aug-10	8/12/2010	12-Aug-10	8/12/2010
14-Sep-10	9/14/2010	14-Sep-10	9/14/2010
10-Nov-10	11/10/2010	10-Nov-10	11/10/2010
10-Nov-10	11/10/2010	10-Nov-10	11/10/2010
30-Nov-10	11/30/2010	30-Nov-10	11/30/2010
15-Dec-10	12/15/2010	15-Dec-10	12/15/2010

Category 3	1	1
Category 3	2	0
Category 1	50	50
Category 3	75	0
Category 3	4	4
Category 3	2	2
Category 3	1	0
Category 3	1	0
Category 3	200	200
Category 3	30	30
Category 1	500	0
Category 1	300	0
Category 2	1000	0
Category 1	500	0
Category 1	2500	0
Category 3	500	500
Category 1	1000	1000
Category 3	3	3
Category 3	1	1
Category 3	2	2
Category 3	100	100
Category 3	100	100
Category 3	30	30
Category 3	150	150
Category 1	800	0
Category 3	5	5
Category 3	1	1
Category 3	50	50
Category 3	10	10
Category 3	2	2
Category 3	4	4
Category 3	2	2
Category 3	200	200
Category 3	1	1
Category 3	1	1
Category 3	1	1
Category 3	1	1
Category 3	1	1
Category 3	25	25
Category 3	1	0
Category 3	50	50
Category 3	2	2
Category 3	15	15
Category 3	10	10
Category 3	2	2
Category 3	3	3
Category 3	2	2
Category 3	5	5
Category 3	5	5
Category 3	25	25
Category 3	1	1
Category 3	4	4
Category 3	1	1
Category 3	1	1
Category 3	1	1

0	No	No
0	No	No
50	Yes	Yes
0	No	No
0	No	No
0	No	No
0	No	No
0	No	No
0	No	No
0	No	Yes
500	Yes	Yes
300	Yes	Yes
0	Yes	Yes
500	Yes	Yes
2500	Yes	Yes
0	No	No
1000	Yes	Yes
0	No	No
0	No	No
0	No	No
0	No	Yes
0	No	No
0	No	Yes
0	No	Yes
800	Yes	Yes
0	No	No
0	No	No
0	No	Yes
0	No	No
0	No	No
0	No	No
0	No	No
0	No	No
0	No	No
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Not Applicable - Spill did not reach storm drainpipe
Not Applicable - Spill did not reach storm drainpipe
Yes
Not Applicable - Spill did not reach storm drainpipe
Not Applicable - Spill did not reach storm drainpipe
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Not Applicable - Spill did not reach storm drainpipe
Yes
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Not Applicable - Spill did not reach storm drainpipe
Yes
Not Applicable - Spill did not reach storm drainpipe
Not Applicable - Spill did not reach storm drainpipe
Not Applicable - Spill did not reach a separate storm drainpipe
Yes
Not Applicable - Spill did not reach storm drainpipe
Yes
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Not Applicable - Spill did not reach storm drainpipe
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Not Applicable - Spill did not reach a separate storm drainpipe

301 Ashton
445 Hazel
10 Poplar Ave.
850 Taylor
252 South Ashton
450 Laurel
445 Green Hills
161 La Prenda
6 Berni Court.
317 Madrone
846 Murchison Drive
10 Rollins Road
10 Rollins
219 Aviador Ave.
219 Aviador Ave
1 Mullins Court
316 Juanita Ave
267 Hillcrest
201 Hazel Ave.
401 Hazel Ave.
310 Ashton Ave.
520 Vista Court
45 Spruce
1047 Pinehurst Court
1176 Landing Lane
1025 Sequoia.
331 Hazel
1175 Tuolumne
1028 Ridgewood
820 Hawthorne
1224 Frontera
20 Colorados
516 Barcelona
10 Corte Princessa
255 Hillcrest
356 Cedar
265 Hillcrest
1006 Murchison Drive.
102 Frontage Road.
867 Clearfield
607 Juanita
261 Willow
110 Frontage Road
880 Hillcrest
821 Hawthorne
300 Poplar
885 Tioga
311 Hazel
612 Millbrae Ave.
1255 Lower Viste Grande
1300 Vista Grande
815 Pinon
1370 Terrace
1220 Frontera
820 El Capitan

37.595556	-122.397778	San Mateo
37.599444	-122.398611	San Mateo
37.596111	-122.391667	San Mateo
37.598056	-122.402778	San Mateo
37.589167	-122.393056	San Mateo
37.598611	-122.399167	San Mateo
37.603611	-122.405083	San Mateo
37.590889	-122.412222	San Mateo
37.611111	-122.400556	San Mateo
37.610278	-122.395833	San Mateo
37.591667	-122.393611	San Mateo
37.602778	-122.383333	San Mateo
37.602778	-122.383333	San Mateo
37.602222	-122.386389	San Mateo
37.602222	-122.386389	San Mateo
37.590694	-122.406167	San Mateo
37.611444	-122.409639	San Mateo
37.599833	-122.394556	San Mateo
37.596528	-122.396139	San Mateo
37.598917	-122.398139	San Mateo
37.596111	-122.398139	San Mateo
37.610167	-122.412694	San Mateo
37.610194	-122.395222	San Mateo
37.600889	-122.419417	San Mateo
37.610083	-122.398222	San Mateo
37.592306	-122.397333	San Mateo
37.597778	-122.397333	San Mateo
37.597222	-122.412778	San Mateo
37.602222	-122.415028	San Mateo
37.592222	-122.392889	San Mateo
37.586389	-122.394389	San Mateo
37.591944	-122.407778	San Mateo
37.607778	-122.409167	San Mateo
37.594722	-122.403889	San Mateo
37.599722	-122.394417	San Mateo
37.610028	-122.393889	San Mateo
37.599889	-122.394472	San Mateo
37.591972	-122.396083	San Mateo
37.597972	-122.385556	San Mateo
37.595944	-122.410028	San Mateo
37.608889	-122.410778	San Mateo
37.615528	-122.393472	San Mateo
37.597778	-122.385556	San Mateo
37.595167	-122.398806	San Mateo
37.592278	-122.392528	San Mateo
37.601056	-122.396556	San Mateo
37.598639	-122.408667	San Mateo
37.597778	-122.397167	San Mateo
37.595222	-122.393278	San Mateo
37.592056	-122.406028	San Mateo
37.590833	-122.406944	San Mateo
37.590694	-122.389333	San Mateo
37.607083	-122.422306	San Mateo
37.586528	-122.394222	San Mateo
37.597028	-122.411389	San Mateo

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C.O in sidewalk.

C.O on property.
Main overflowed via a 4 cleanout in the rear yard.
Cleanout in sidewalk.

C.O.
Overflow occured through a M.H in the street.

C.O in driveway approach.

MANHOLE IN STREET
C.O in sidewalk.
C.O in sidewalk.

C.O in back yard.

C.O in sidewalk.
C.O in sidewalk.
C.O in sidewalk.
C.O in sidewalk.

C.O in sidewalk.

C.O between sodewalk and curb.
C.O in sidewalk.
C.O in sidewalk.
C.O in sidewalk
C.O in side yard.

C.O in sidewalk
C.O in sidewalk
C.O in sidewalk.

Gravity sewer
Gravity sewer
Gravity sewer
Manhole
Gravity sewer
Building or structure
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Gravity sewer

Overflowed on garage floor.

M.H.
C.O in sidewalk.
C.O in sidewalk.
C.O in sidewalk.
C.O in driveway.
Basement.

C.O

C.O in sidewalk

Other paved surface
Unpaved surface
Storm drain
Unpaved surface
Street/curb and gutter
Building or structure
Unpaved surface
Unpaved surface
Other (specify below)
Separate storm drain
Storm drain
Separate storm drain
Storm drain
Storm drain
Storm drain
Unpaved surface
Separate storm drain
Other paved surface
Street/curb and gutter
Unpaved surface
Storm drain
Unpaved surface
Storm drain
Storm drain
Storm drain
Street/curb and gutter
Street/curb and gutter
Storm drain
Street/curb and gutter
Street/curb and gutter
Street/curb and gutter
Street/curb and gutter
Building or structure;Other paved surface
Unpaved surface
Street/curb and gutter
Street/curb and gutter
Street/curb and gutter
Street/curb and gutter
Street/curb and gutter
Other paved surface
Separate storm drain
Other paved surface
Street/curb and gutter
Unpaved surface
Street/curb and gutter
Unpaved surface
Street/curb and gutter
Building or structure
Street/curb and gutter
Unpaved surface
Street/curb and gutter
Street/curb and gutter
Street/curb and gutter
Street/curb and gutter
Street/curb and gutter

Spill drained to a rear patio drain that drains back to our sanitary collection system.

Back Yards of 520 Vista Court and 609 Santa Barbara.
All overflow was contained and removed from affected area.

Spill overflowed to basement and a parking lot.

the only visible overflow was dried toilet paper on the sidewalk.

6/13/2009 9:15	6/13/2009 9:15	6/13/2009 9:30	6/13/2009 10:30
6/8/2009 8:45	6/8/2009 8:45	6/8/2009 9:05	6/8/2009 9:30
7/8/2009 17:30	7/8/2009 17:30	7/8/2009 18:00	7/8/2009 20:00
7/10/2009 11:00	7/10/2009 11:00	7/10/2009 11:00	7/10/2009 12:30
7/28/2009 19:10	7/28/2009 19:10	7/28/2009 19:30	7/28/2009 19:50
8/30/2009 19:56	8/30/2009 19:56	8/30/2009 20:20	8/30/2009 20:20
9/28/2009 9:25	9/28/2009 9:25	9/28/2009 9:45	9/28/2009 10:50
9/24/2009 7:45	9/24/2009 7:45	9/24/2009 8:05	9/24/2009 9:00
10/6/2009 11:30	10/6/2009 11:30	10/6/2009 11:45	10/6/2009 11:45
10/7/2009 10:40	10/7/2009 10:40	10/7/2009 10:50	10/7/2009 10:50
10/13/2009 10:30	10/13/2009 10:30	10/13/2009 10:40	10/13/2009 11:00
10/13/2009 12:30	10/13/2009 12:30	10/13/2009 12:30	10/13/2009 15:00
10/13/2009 15:30	10/13/2009 15:30	10/13/2009 15:30	10/13/2009 17:00
10/13/2009 12:30	10/13/2009 12:30	10/13/2009 12:30	10/13/2009 15:00
10/13/2009 15:30	10/13/2009 15:30	10/13/2009 15:30	10/13/2009 17:00
10/21/2009 16:15	10/21/2009 16:15	10/21/2009 16:30	10/21/2009 16:30
10/25/2009 15:14	10/25/2009 15:14	10/25/2009 15:40	10/25/2009 15:45
10/23/2009 10:00	10/23/2009 10:00	10/23/2009 10:15	10/23/2009 10:20
10/31/2009 10:05	10/31/2009 10:05	10/31/2009 10:25	10/31/2009 10:25
11/7/2009 15:00	11/7/2009 15:00	11/7/2009 15:30	11/7/2009 16:00
11/12/2009 13:20	11/12/2009 13:20	11/12/2009 13:35	11/12/2009 13:40
11/27/2009 10:30	11/27/2009 10:30	11/27/2009 10:50	11/27/2009 13:30
12/3/2009 10:00	12/3/2009 10:00	12/3/2009 10:15	12/3/2009 10:50
1/6/2010 10:30	1/6/2010 10:30	1/6/2010 10:45	1/6/2010 10:50
1/20/2010 10:00	1/20/2010 10:00	1/20/2010 10:00	1/20/2010 10:40
1/7/2010 9:40	1/7/2010 9:40	1/7/2010 10:00	1/7/2010 10:00
1/12/2010 9:25	1/12/2010 9:25	1/12/2010 9:30	1/12/2010 10:00
1/26/2010 14:00	1/26/2010 14:00	1/26/2010 14:20	1/26/2010 14:30
1/4/2010 10:45	1/4/2010 10:45	1/4/2010 11:00	1/4/2010 11:00
1/28/2010 21:39	1/28/2010 21:39	1/28/2010 21:55	1/28/2010 23:00
1/30/2010 10:00	1/30/2010 10:00	1/30/2010 10:29	1/30/2010 11:00
2/25/2010 11:10	2/25/2010 11:15	2/25/2010 11:30	2/25/2010 12:00
2/5/2010 16:28	2/5/2010 16:28	2/5/2010 17:05	2/5/2010 19:00
3/9/2010 17:45	3/9/2010 17:45	3/9/2010 18:00	3/9/2010 18:30
3/11/2010 10:20	3/11/2010 10:20	3/11/2010 10:25	3/11/2010 10:40
3/9/2010 15:30	3/9/2010 15:30	3/9/2010 15:45	3/9/2010 16:00
3/16/2010 19:40	3/16/2010 19:40	3/16/2010 20:00	3/16/2010 20:00
3/3/2010 22:00	3/3/2010 22:00	3/3/2010 22:20	3/3/2010 22:20
3/19/2010 14:50	3/19/2010 14:50	3/19/2010 15:00	3/19/2010 15:00
3/26/2010 14:20	3/26/2010 14:20	3/26/2010 14:50	3/26/2010 14:50
4/8/2010 9:00	4/8/2010 9:00	4/8/2010 9:15	4/8/2010 11:00
5/3/2010 9:40	5/3/2010 9:40	5/3/2010 9:55	5/3/2010 10:30
5/16/2010 12:50	5/16/2010 12:50	5/16/2010 13:15	5/16/2010 14:00
5/20/2010 10:35	5/20/2010 10:35	5/20/2010 10:45	5/20/2010 11:15
5/26/2010 20:40	5/26/2010 20:40	5/26/2010 21:03	5/26/2010 22:00
6/17/2010 8:45	6/17/2010 8:45	6/17/2010 9:10	6/17/2010 9:30
6/24/2010 9:30	6/24/2010 9:30	6/24/2010 9:50	6/24/2010 9:50
7/7/2010 10:30	7/7/2010 10:30	7/7/2010 10:45	7/7/2010 10:45
7/12/2010 11:50	7/12/2010 11:50	7/12/2010 12:00	7/12/2010 12:00
8/5/2010 7:20	8/5/2010 7:20	8/5/2010 7:30	8/5/2010 7:40
9/12/2010 13:12	9/12/2010 13:12	9/12/2010 14:21	9/12/2010 15:25
10/7/2010 10:56	10/7/2010 10:56	10/7/2010 11:10	10/7/2010 11:10
11/5/2010 11:00	11/5/2010 11:00	11/5/2010 11:30	11/5/2010 11:30
11/19/2010 10:30	11/19/2010 10:30	11/19/2010 10:40	11/19/2010 10:40
12/8/2010 15:40	12/8/2010 15:40	12/8/2010 15:55	12/8/2010 16:30

Root intrusion
Root intrusion
Grease deposition (FOG)
Debri-General
Debri-General
Pipe structural problem/failure
Root intrusion
Root intrusion
Debri-General
Root intrusion
Debri-General
Rainfall exceeded design (Seperate CS Only)
Rainfall exceeded design
Rainfall exceeded design
Rainfall exceeded design
Debri-General
Root intrusion
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Debri-General
Root intrusion
Debri-Rags
Root intrusion
Rainfall exceeded design
Root intrusion
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Debri-General
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Debri-General
Debri-General
Root intrusion
Debri-Rags
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Debri-General
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Grease deposition (FOG)
Root intrusion
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Root intrusion

Debris and roots in a main caused a back-up.

Lower Lateral
Lower Lateral
Main

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Roots in the main caused our main to back up.

Loose roots and debris built up in the M.H.

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18
18
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6 VCP
4 VCP
4

4 V.C.P

15
4 V.C.P.
4 V.C.P.
6 V.C.P.
4

4
4 vcp

4 HDPE

4 V.C.P.
4 V.C.P.

4

6 VCP
4 VCP

4 VCP
4 VCP
4 VCP
4 vcp
4 V.C.P.
4 VCP
4 VCP

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Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow;Returned all or portion of spill to sanit
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow;Returned all or portion of spill to sanit
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
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Restored flow
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Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow;Returned all or portion of spill to sanit
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Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow;Returned all or portion of spill to sanit
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Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow;Returned all or portion of spill to sanit
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Contained all or portion of spill;Restored flow;Returned all or portion of spill to sanitary sewer system
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow;Returned all or portion of spill to sanit
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R

City crew dug up up and replaced lower lateral from the main to the sidewalk. Crews installed 20' of 4 HDPE pipe with a

Crews responded and unplugged the main. More crews responded and dammed the creek containing it. Overflow was

Planned repair of lateral.

Completed full lateral replacement on 11//09/2010

7/15/2009 20:00

10/13/2009 11:00
10/13/2009 15:00
10/13/2009 17:00
10/13/2009 15:00
10/13/2009 17:00

10/25/2009 20:20

1/20/2010 10:40

Plan rehabilitation or replacement of sewer

Adjusted schedule/method of preventive maintenance
Plan rehabilitation or replacement of sewer
Plan rehabilitation or replacement of sewer
Plan rehabilitation or replacement of sewer
Plan rehabilitation or replacement of sewer

Adjusted schedule/method of preventive maintenance;Plan rehabilitation or replacement of sewer

Plan rehabilitation or replacement of sewer

No

No
No
No
No
No

No

No

Crews are still on site. Overflow is contained.

No

No
Yes
Yes
No
No

No

Yes

N/A

N/A
N/A
N/A
N/A
N/A

N/A

N/A

N/A

N/A
Drainage Canal
N/A
N/A
N/A

none

N/A

None

None
N/A

No water quality samples taken

No water quality samples taken
No water quality samples taken
No water quality samples taken
No water quality samples taken
No water quality samples taken

No water quality samples taken

Not applicable to this spill

None of the above

No water quality samples taken
None of the above
None of the above
None of the above
None of the above

No water quality samples taken

Not applicable to this spill

96903	10/13/2009 15:00
96919	10/13/2009 17:30
96904	10/13/2009 15:30
96920	10/13/2009 17:30
97205	10/25/2009 16:51
97612	11/12/2009 14:35
100095	1/6/2010 12:12
100460	1/20/2010 11:00

2SSO10155	Active	759543	Michael Killigrew	Certified
2SSO10155	Active	760091	Michael Killigrew	Certified
2SSO10155	Active	760467	Michael Killigrew	Certified
2SSO10155	Active	760468	Michael Killigrew	Certified
2SSO10155	Active	761423	Michael Killigrew	Certified
2SSO10155	Active	761708	Michael Killigrew	Certified
2SSO10155	Active	763043	Michael Killigrew	Certified
2SSO10155	Active	763248	Michael Killigrew	Certified
2SSO10155	Active	764785	Michael Killigrew	Certified
2SSO10155	Active	764786	Michael Killigrew	Certified
2SSO10155	Active	764788	Michael Killigrew	Certified
2SSO10155	Active	764789	Michael Killigrew	Certified
2SSO10155	Active	764953	Michael Killigrew	Certified
2SSO10155	Active	765244	Michael Killigrew	Certified
2SSO10155	Active	766758	Michael Killigrew	Certified
2SSO10155	Active	766759	Michael Killigrew	Certified
2SSO10155	Active	768230	Michael killigrew	Certified
2SSO10155	Active	768235	Michael Killigrew	Certified
2SSO10155	Active	768283	Michael Killigrew	Certified
2SSO10155	Active	768305	Michael Killigrew	Certified
2SSO10155	Active	768634	Michael Killigrew	Certified
2SSO10155	Active	770021	Michael Killigrew	Certified
2SSO10155	Active	770024	Michael Killigrew	Certified
2SSO10155	Active	770027	Michael Killigrew	Certified
2SSO10155	Active	770028	Michael Killigrew	Certified
2SSO10155	Active	770925	Michael Killigrew	Certified
2SSO10155	Active	770930	Michael Killigrew	Certified
2SSO10155	Active	770933	Michael Killigrew	Certified
2SSO10155	Active	770974	Michael Killigrew	Certified
2SSO10155	Active	772373	Michael Killigrew	Certified
2SSO10155	Active	772426	Michael Killigrew	Certified
2SSO10155	Active	772491	Michael Killigrew	Certified
2SSO10155	Active	772557	Michael Killigrew	Certified
2SSO10155	Active	772558	Michael Killigrew	Certified
2SSO10155	Active	772560	Michael Killigrew	Certified
2SSO10155	Active	772969	Michael Killigrew	Certified
2SSO10155	Active	772976	Michael Killigrew	Certified
2SSO10155	Active	773145	Michael Killigrew	Certified
2SSO10155	Active	773437	Michael Killigrew	Certified
2SSO10155	Active	774634	Michael Killigrew	Certified
2SSO10155	Active	774639	Michael KIlligrew	Certified
2SSO10155	Active	774674	Michael Killigrew	Certified
2SSO10155	Active	774677	Michael Killigrew	Certified
2SSO10155	Active	774683	Michael Killigrew	Certified
2SSO10155	Active	774694	Michael Killigrew	Certified
2SSO10155	Active	774701	Michael killikgrew	Certified
2SSO10155	Active	775991	Michael Killigrew	Certified
2SSO10155	Active	775992	Michael Killigrew	Certified
2SSO10155	Active	775995	Michael Killigrew	Certified
2SSO10155	Active	775998	Michael Killigrew	Certified
2SSO10155	Active	776002	Michael Killigrew	Certified
2SSO10155	Active	776020	Michael Killigrew	Certified
2SSO10155	Active	776086	Michael Killigrew	Certified
2SSO10155	Active	779636	Michael Killigrew	Certified
2SSO10155	Active	780139	Michael Killigrew	Certified

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Millbrae Public Works	118460
Millbrae Public Works	728199
Millbrae Public Works	475815
Millbrae Public Works	767684
Millbrae Public Works	946162
Millbrae Public Works	827588
Millbrae Public Works	223465
Millbrae Public Works	463772
Millbrae Public Works	442191
Millbrae Public Works	991334
Millbrae Public Works	100364
Millbrae Public Works	143379
Millbrae Public Works	742495
Millbrae Public Works	958295
Millbrae Public Works	181525
Millbrae Public Works	723247
Millbrae public Works	458855
Millbrae Public Works	243899
Millbrae Public Works	276128
Millbrae Public Works	758687
Millbrae Public Works	787828
Millbrae Public Works	144516
Millbrae public Works	257369
Millbrae public works	142069
Millbrae Public Works	870373
Millbrae Public Works	529516
Millbrae Public Works	757544
Millbrae Public works	579850
Millbrae Public Works	805345
Millbrae Public Works	144805
Millbrae public Works	195931
Millbrae Public Works	405490
Millbrae Public Works	251152
Millbrae Public Works	118363
Millbrae Public Works	233230
Millbrae Public Works	824544
Millbrae Public Works	576561
Millbrae Public Works	399959
Millbrae Public Works	594638
Millbrae Public Works	953069
Millbrae Public Works	422544
Millbrae Oublic Works	768032
Millbrae Public Works	731961
Mollbrae Public Works	935581
Millbrae Public Works	454926
Millbrae Public Works	704756
Millbrae Public Works	355289
Millbrae Public Works	804405
Millbrae Public Works	122633
Millbrae Public Works	662262
Millbrae Public Works	739524
Millbrae Public Works	791917
Millbrae Public Works	276723
Millbrae Public Works	189227
Millbrae Public Works	472954

19-Dec-10	12/19/2010	19-Dec-10	12/19/2010
3-Jan-11	1/3/2011	3-Jan-11	4/21/2011
9-Jan-11	1/9/2011	9-Jan-11	1/9/2011
9-Jan-11	1/9/2011	9-Jan-11	1/9/2011
20-Jan-11	1/20/2011	20-Jan-11	1/20/2011
24-Jan-11	1/24/2011	24-Jan-11	1/24/2011
15-Feb-11	2/15/2011	15-Feb-11	2/15/2011
17-Feb-11	2/17/2011	17-Feb-11	2/17/2011
24-Mar-11	3/24/2011	24-Mar-11	3/24/2011
24-Mar-11	3/24/2011	24-Mar-11	3/24/2011
24-Mar-11	3/24/2011	24-Mar-11	3/24/2011
24-Mar-11	3/24/2011	24-Mar-11	3/24/2011
30-Mar-11	3/30/2011	30-Mar-11	3/30/2011
7-Apr-11	4/7/2011	7-Apr-11	4/7/2011
20-May-11	5/20/2011	20-May-11	5/20/2011
20-May-11	5/20/2011	20-May-11	5/20/2011
7-Jul-11	7/7/2011	7-Jul-11	7/7/2011
7-Jul-11	7/7/2011	7-Jul-11	7/7/2011
11-Jul-11	7/11/2011	11-Jul-11	7/11/2011
11-Jul-11	7/11/2011	11-Jul-11	7/11/2011
19-Jul-11	7/19/2011	19-Jul-11	7/19/2011
19-Aug-11	8/19/2011	19-Aug-11	8/19/2011
19-Aug-11	8/19/2011	19-Aug-11	8/19/2011
19-Aug-11	8/19/2011	19-Aug-11	8/19/2011
19-Aug-11	8/19/2011	19-Aug-11	8/19/2011
12-Sep-11	9/12/2011	12-Sep-11	9/12/2011
12-Sep-11	9/12/2011	12-Sep-11	9/12/2011
12-Sep-11	9/12/2011	12-Sep-11	9/12/2011
13-Sep-11	9/13/2011	13-Sep-11	9/13/2011
26-Oct-11	10/26/2011	26-Oct-11	10/26/2011
27-Oct-11	10/27/2011	27-Oct-11	10/27/2011
28-Oct-11	10/28/2011	28-Oct-11	10/28/2011
31-Oct-11	10/31/2011	31-Oct-11	10/31/2011
31-Oct-11	10/31/2011	31-Oct-11	10/31/2011
31-Oct-11	10/31/2011	31-Oct-11	10/31/2011
10-Nov-11	11/10/2011	10-Nov-11	11/10/2011
10-Nov-11	11/10/2011	10-Nov-11	11/10/2011
15-Nov-11	11/15/2011	15-Nov-11	11/15/2011
23-Nov-11	11/23/2011	23-Nov-11	1/24/2012
22-Dec-11	12/22/2011	22-Dec-11	12/22/2011
22-Dec-11	12/22/2011	22-Dec-11	12/22/2011
23-Dec-11	12/23/2011	23-Dec-11	12/23/2011
23-Dec-11	12/23/2011	23-Dec-11	12/23/2011
23-Dec-11	12/23/2011	23-Dec-11	12/23/2011
23-Dec-11	12/23/2011	23-Dec-11	12/23/2011
23-Dec-11	12/23/2011	23-Dec-11	12/23/2011
18-Jan-12	1/18/2012	18-Jan-12	1/18/2012
18-Jan-12	1/18/2012	18-Jan-12	1/18/2012
18-Jan-12	1/18/2012	18-Jan-12	1/18/2012
18-Jan-12	1/18/2012	18-Jan-12	1/18/2012
18-Jan-12	1/18/2012	18-Jan-12	1/18/2012
19-Jan-12	1/19/2012	19-Jan-12	1/19/2012
19-Jan-12	1/19/2012	19-Jan-12	1/19/2012
5-Apr-12	4/5/2012	5-Apr-12	4/5/2012
16-Apr-12	4/16/2012	16-Apr-12	4/16/2012

Category 1	5000	0
Category 3	2	2
Category 3	60	60
Category 3	100	100
Category 3	5	5
Category 3	1	1
Category 3	1	1
Category 1	800	0
Category 1	6000	0
Category 1	3600	0
Category 1	750	0
Category 1	1000	0
Category 3	10	10
Category 3	200	200
Category 3	20	20
Category 3	400	400
Category 3	10	10
Category 3	10	10
Category 3	10	10
Category 3	10	10
Category 3	15	15
Category 3	2	2
Category 3	1	1
Category 3	30	0
Category 3	1	0
Category 3	1	1
Category 3	30	30
Category 3	2	2
Category 3	1	1
Category 3	1	1
Category 3	20	20
Category 3	100	100
Category 3	1	1
Category 3	1	1
Category 3	1	1
Category 3	1	0
Category 3	1	1
Category 3	1	1
Category 3	2	2
Category 3	1	1
Category 3	5	5
Category 3	30	30
Category 3	1	1
Category 3	1	1
Category 3	1	1
Category 3	1	1
Category 3	5	5
Category 3	5	5
Category 3	2	2
Category 3	3	3
Category 3	6	6
Category 3	1	1
Category 3	4	4
Category 3	2	2
Category 3	5	5

5000	Yes	Yes
0	No	No
0	No	No
0	No	No
0	No	No
0	No	No
0	No	No
800	Yes	Yes
6000	Yes	Yes
3600	Yes	Yes
750	Yes	Yes
1000	Yes	Yes
0	No	No
0	No	No
0	No	No
0	No	No
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No
Not Applicable - Spill did not reach a separate storm drainpipe
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185 Aviador
445 Hazel Ave.
1280 El Camino Real
199 California Drive
812 Hawthorne
213 South Ashton
40 Corte Allegre
320 Millbrae Ave.
320 Millbrae Avenue
320 Millbrae Avenue
10 Rollins Road
1136 Landing Lane
1000 Crestview
86 Center Street
405 Laurel Ave
59 Aura Vista
754 Clearfield
865 Millbrae Ave
354 Cedar
112 South Ashton
1280 Millbrae Ave.
804 Hawthorne
350 Palm Ave
431 Taylor
819 Pinon
1348 Hillcrest
1033 Magnolia
205 Del Centro
267 Barclay
197 Poplar
850 Taylor
959 El Camino Real
341 Ashton
320 Hazel
330 Poplar
261 South Ashton
331 Paramount
820 Hawthorne
821 Taylor
627 Santa Florita
880 Hillcrest
1141 San Anselmo
831 Hillcrest
311 Poplar Ave
406 Hazel
247 Helen Drive
1 Millbrae Circle
1200 Manzanita
400 Millbrae Aveenue
616 Bonita Avenue
813 Hawthorne way
289 La Cruz
1366 Hillcrest Blvd.
542 Vista Court
340 Laurel Avenue

37.602556	-122.385194	San Mateo
37.599417	-122.398722	San Mateo
37.609361	-122.399417	San Mateo
37.627086	-122.385019	San Mateo
37.592333	-122.392278	San Mateo
37.602556	-122.385194	San Mateo
37.593917	-122.407444	San Mateo
37.601583	-122.38325	San Mateo
37.601611	-122.383167	San Mateo
37.601167	-122.382222	San Mateo
37.600056	-122.383583	San Mateo
37.601167	-122.382244	San Mateo
37.597222	-122.418333	San Mateo
37.608944	-122.397333	San Mateo
37.598167	-122.398861	San Mateo
37.591333	-122.405556	San Mateo
37.595528	-122.408222	San Mateo
37.594472	-122.394472	San Mateo
37.609972	-122.394222	San Mateo
37.592083	-122.395389	San Mateo
37.588556	-122.406278	San Mateo
37.592528	-122.391722	San Mateo
37.599444	-122.397139	San Mateo
37.602611	-122.392556	San Mateo
37.590611	-122.389333	San Mateo
37.590917	-122.407722	San Mateo
37.605389	-122.399389	San Mateo
37.591667	-122.411861	San Mateo
37.600472	-122.395222	San Mateo
37.597667	-122.393528	San Mateo
37.599278	-122.403083	San Mateo
37.605722	-122.396861	San Mateo
37.596694	-122.398639	San Mateo
37.598361	-122.397806	San Mateo
37.600583	-122.395306	San Mateo
37.589944	-122.393056	San Mateo
37.608167	-122.404472	San Mateo
37.592472	-122.392472	San Mateo
37.597694	-122.400333	San Mateo
37.610056	-122.408528	San Mateo
37.595167	-122.398944	San Mateo
37.609833	-122.398944	San Mateo
37.595472	-122.398167	San Mateo
37.599889	-122.395417	San Mateo
37.599167	-122.39825	San Mateo
37.604361	-122.400806	San Mateo
37.592611	-122.398361	San Mateo
37.590056	-122.397778	San Mateo
37.596389	-122.391194	San Mateo
37.609028	-122.411694	San Mateo
37.59225	-122.392083	San Mateo
37.598833	-122.394139	San Mateo
37.590694	-122.408333	San Mateo
37.610611	-122.412833	San Mateo
37.589222	-122.398111	San Mateo

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M.H in driveway.

C.O in sidewalk

C.O in rear yard.

Man hole overflowed on sidewalk behind Millbrae Avenue from surcharge due to inclement weather.
Manhole overflowed in street.

Manhole overflowed in street.

Spill overflowed at a 4 c.o. behind the sidewalk. Spill was contained to a paved entry way that was protected with sandba
City c.o.

Cleanout in sidewalk.

Overflow through c.o in the rear yard.

C.O in driveway
C.O in lawn

Cleanout
Spur trail

Cleanout in sidewalk.

gs which had been placed by the propei

Manhole
Gravity sewer
Manhole
Building or structure;Gravity sewer
Gravity sewer
Gravity sewer
Gravity sewer
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Gravity sewer
Gravity sewer
Building or structure
Gravity sewer
Gravity sewer

C.O in sidewalk

Manhole overflowed in street.

Cleanout in sidewalk.

Manhole in back yard

Clean out
C.O in sidewalk
C.O in sidewalk.
Overflow through c.o in the rear yard.

C.O in sidewalk.
C.O in sidewalk

Separate storm drain
Street/curb and gutter
Unpaved surface
Building or structure;Street/curb and gutter
Street/curb and gutter
Street/curb and gutter
Unpaved surface
Separate storm drain
Separate storm drain
Separate storm drain
Separate storm drain
Separate storm drain
Street/curb and gutter
Other paved surface
Street/curb and gutter
Unpaved surface
Street/curb and gutter
Street/curb and gutter
Street/curb and gutter
Street/curb and gutter
Unpaved surface
Street/curb and gutter
Street/curb and gutter
Separate storm drain
Street/curb and gutter
Street/curb and gutter
Street/curb and gutter
Unpaved surface
Street/curb and gutter
Street/curb and gutter
Unpaved surface
Separate storm drain
Street/curb and gutter
Street/curb and gutter
Street/curb and gutter
Street/curb and gutter
Combined storm drain (combined CS only)
Street/curb and gutter
Street/curb and gutter
Street/curb and gutter
Street/curb and gutter
Street/curb and gutter
Street/curb and gutter
Street/curb and gutter
Building or structure
Street/curb and gutter
Street/curb and gutter
Street/curb and gutter
Street/curb and gutter
Street/curb and gutter
Street/curb and gutter
Street/curb and gutter
Building or structure
Street/curb and gutter
Street/curb and gutter

Contained to backyards.

Backyards

12/19/2010 8:30	12/19/2010 8:30	12/19/2010 8:30	12/19/2010 9:20
12/26/2010 10:50	12/26/2010 10:50	12/26/2010 11:20	12/26/2010 11:20
1/4/2011 16:30	1/4/2011 16:30	1/4/2011 16:45	1/4/2011 17:00
1/4/2011 9:50	1/4/2011 9:50	1/4/2011 10:00	1/4/2011 10:15
1/18/2011 15:30	1/18/2011 15:30	1/18/2011 15:45	1/18/2011 15:45
1/22/2011 14:45	1/22/2011 14:45	1/22/2011 15:10	1/22/2011 15:10
1/27/2011 9:40	1/27/2011 9:40	1/27/2011 9:50	1/27/2011 9:50
2/17/2011 11:50	2/17/2011 11:50	2/17/2011 11:50	2/17/2011 12:00
3/24/2011 11:00	3/24/2011 11:00	3/24/2011 11:00	3/24/2011 14:00
3/24/2011 11:00	3/24/2011 11:00	3/24/2011 11:00	3/24/2011 14:00
3/24/2011 12:00	3/24/2011 12:00	3/24/2011 12:00	3/24/2011 14:00
3/24/2011 11:00	3/24/2011 11:00	3/24/2011 11:00	3/24/2011 11:30
3/29/2011 11:50	3/29/2011 11:50	3/29/2011 12:00	3/29/2011 12:00
4/4/2011 11:35	4/4/2011 11:35	4/4/2011 11:45	4/4/2011 11:45
4/29/2011 8:30	4/29/2011 8:30	4/29/2011 8:30	4/29/2011 8:45
5/16/2011 7:45	5/16/2011 7:45	5/16/2011 8:00	5/16/2011 8:00
6/18/2011 22:00	6/18/2011 22:00	6/18/2011 10:20	6/18/2011 0:00
7/5/2011 14:00	7/5/2011 14:00	7/5/2011 14:10	7/5/2011 14:10
7/8/2011 9:45	7/8/2011 9:45	7/8/2011 10:00	7/8/2011 10:00
7/5/2011 9:15	7/5/2011 9:15	7/5/2011 9:15	7/5/2011 10:00
7/17/2011 11:00	7/17/2011 11:00	7/17/2011 11:20	7/17/2011 11:20
7/22/2011 14:00	7/22/2011 14:00	7/22/2011 14:20	7/22/2011 14:30
8/8/2011 10:00	8/8/2011 10:00	8/8/2011 10:15	8/8/2011 10:15
8/17/2011 11:00	8/17/2011 11:00	8/17/2011 11:10	8/17/2011 11:30
7/27/2011 11:00	7/27/2011 11:10	7/27/2011 0:00	7/27/2011 0:00
9/7/2011 13:30	9/7/2011 13:30	9/7/2011 13:45	9/7/2011 13:45
9/6/2011 15:30	9/6/2011 15:30	9/6/2011 15:50	9/6/2011 16:00
9/7/2011 9:00	9/7/2011 9:15	9/7/2011 9:15	9/7/2011 10:00
9/9/2011 12:35	9/9/2011 12:35	9/9/2011 12:55	9/9/2011 13:25
10/22/2011 8:35	10/22/2011 8:35	10/22/2011 8:55	10/22/2011 9:30
10/11/2011 10:30	10/11/2011 10:30	10/11/2011 10:40	10/11/2011 10:45
10/12/2011 9:30	10/12/2011 9:30	10/12/2011 9:40	10/12/2011 9:40
9/18/2011 19:50	9/18/2011 19:50	9/18/2011 20:10	9/18/2011 20:30
10/6/2011 8:30	10/6/2011 8:30	10/6/2011 8:45	10/6/2011 8:45
10/9/2011 18:00	10/9/2011 18:00	10/9/2011 18:20	10/9/2011 18:20
11/8/2011 8:45	11/8/2011 8:45	11/8/2011 8:55	11/8/2011 8:55
11/9/2011 12:45	11/9/2011 12:45	11/9/2011 13:00	11/9/2011 13:00
10/27/2011 13:10	10/27/2011 13:10	10/27/2011 13:30	10/27/2011 13:30
11/21/2011 15:00	11/21/2011 15:00	11/21/2011 15:15	11/21/2011 16:00
11/28/2011 14:00	11/28/2011 14:00	11/28/2011 14:25	11/28/2011 14:25
11/30/2011 13:08	11/30/2011 13:08	11/30/2011 13:25	11/30/2011 13:25
12/5/2011 11:00	12/5/2011 11:00	12/5/2011 11:20	12/5/2011 11:20
12/5/2011 9:10	12/5/2011 9:10	12/5/2011 9:30	12/5/2011 9:30
12/9/2011 10:54	12/9/2011 10:54	12/9/2011 11:05	12/9/2011 11:05
12/11/2011 20:00	12/11/2011 20:00	12/11/2011 20:20	12/11/2011 22:50
12/14/2011 11:20	12/14/2011 11:20	12/14/2011 11:45	12/14/2011 11:45
1/9/2012 23:00	1/9/2012 23:00	1/9/2012 23:30	1/9/2012 23:30
1/5/2012 7:00	1/5/2012 7:00	1/5/2012 7:15	1/5/2012 7:15
12/30/2011 7:00	12/30/2011 7:00	12/30/2011 7:30	12/30/2011 7:30
12/30/2011 11:30	12/30/2011 11:30	12/30/2011 12:00	12/30/2011 12:00
12/28/2011 8:30	12/28/2011 8:30	12/28/2011 9:00	12/28/2011 9:00
12/27/2011 10:00	12/27/2011 10:00	12/27/2011 10:30	12/27/2011 10:40
12/26/2011 11:00	12/26/2011 11:00	12/26/2011 11:20	12/26/2011 11:20
3/31/2012 15:30	3/31/2012 15:30	3/31/2012 15:40	3/31/2012 15:40
4/6/2012 17:35	4/6/2012 17:35	4/6/2012 18:00	4/6/2012 19:00

Flow exceeded capacity (Seperate CS Only)
Debri-General
Pipe structural problem/failure
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Surcharged pipe (Combined CS Only)
Rainfall exceeded design (Separate CS Only)
Rainfall exceeded design (Separate CS Only)
Rainfall exceeded design (Separate CS Only)
Rainfall exceeded design (Separate CS Only)
Debri-General
Grease deposition (FOG)
Root intrusion
Root intrusion
Debri-Rags
Root intrusion
Debri-Rags
Root intrusion
Root intrusion
Root intrusion
Debri-General
Debri-General
Root intrusion
Root intrusion
Pipe structural problem/failure
Pipe structural problem/failure
Root intrusion
Root intrusion
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Root intrusion
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Root intrusion
Root intrusion
Debri-General
Debri-Rags
Root intrusion
Root intrusion
Grease deposition (FOG)
Root intrusion
Root intrusion
Pipe structural problem/failure
Debri-General
Root intrusion
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Debri-General
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Debri-General
Debri-General
Root intrusion
Root intrusion

Root intrusion in M.H

Main
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18 AC

6 VCP
6 VCP
4 VCP
4 VCP
4 vcp
12
12 VCP
12 VCP
6 VCP
16 HDPE

8 VCP
4 VCP

6

4 VCP
6 VCP
4 VCP
4 VCP

6 PVC

4 60
4 VCP

4 VCP
4 VCP

4 VCP

4 VCP
4 V.C.P

4 VCP
4 VCP

50

60

35
35
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60
12

50
60

40

60
60
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20

60

60

60
60

60
40

Other (specify below)
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill)
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Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow;Returned all or portion of spill to sanit
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow;Returned all or portion of spill to sanit
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Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow;Returned all or portion of spill to sanit
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow;Returned all or portion of spill to sanit
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R

Unable to contain

12/19/2010 9:20

2/17/2011 12:30
3/24/2011 14:00
3/24/2011 14:00
3/24/2011 12:00
3/24/2011 11:30

Plan rehabilitation or replacement of sewer

Plan rehabilitation or replacement of sewer
Plan rehabilitation or replacement of sewer
Plan rehabilitation or replacement of sewer
Plan rehabilitation or replacement of sewer
Plan rehabilitation or replacement of sewer

No

No
No
No
No
No

N/A

Yes

No
Yes
No
Yes
No

None
None
None
None
None

N/A

None

None

None

None

None

Canal
None
N/A
N/A
N/A
None
None
Highline Canal
None
None
None
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None
None
None
None
N/A
N/A

No water quality samples taken

No water quality samples taken
No water quality samples taken
No water quality samples taken
No water quality samples taken
No water quality samples taken

None of the above

None of the above
None of the above
None of the above
None of the above
None of the above

107614	12/19/2010 8:45
111874	3/24/2011 15:15
111875	3/24/2011 15:15
111876	3/24/2011 15:15
111877	3/24/2011 15:15

2SSO10155	Active	781760	Michael Killigrew	Certified
2SSO10155	Active	783528	Michael Killigrew	Certified
2SSO10155	Active	783533	Michael Killigrew	Certified
2SSO10155	Active	784568	Michael Killigrew	Certified
2SSO10155	Active	786128	Michael Killigrew	Certified
2SSO10155	Active	786145	Michael Killigrew	Certified
2SSO10155	Active	787939	Michael Killigrew	Certified
2SSO10155	Active	788651	Michael Killigrew	Certified
2SSO10155	Active	789558	Michael Killigrew	Certified
2SSO10155	Active	790878	Michael Killigrew	Certified
2SSO10155	Active	793331	Michael Killigrew	Certified
2SSO10155	Active	794568	Michael Killigrew	Certified
2SSO10155	Active	794571	Michael Killigrew	Certified
2SSO10155	Active	795797	Michael Killigrew	Certified
2SSO10155	Active	798170	Michael Killigrew	Certified
2SSO10155	Active	801140	Michael Killigrew	Certified
2SSO10155	Active	801197	Michael Killigrew	Certified
2SSO10156	Active	723940	Greg Armendariz	Certified
2SSO10156	Active	723969	Greg Armendariz	Certified
2SSO10156	Active	725186	Stephan Smith	Certified
2SSO10156	Active	725189	Stephan Smith	Certified
2SSO10156	Active	738604	Stephan Smith	Certified
2SSO10156	Active	739188	Steve Smith	Certified
2SSO10156	Active	750037	Stephan	Certified
2SSO10156	Active	783379	ELiza Nunez	Certified
2SSO10156	Active	783381	Eliza Nunez	Certified
2SSO10156	Active	783746	Eliza Nunez	Certified
2SSO10156	Active	788155	Eliza Nunez	Certified
2SSO10156	Active	793761	Glen Campi	Certified
2SSO10156	Active	793762	Glen Campi	Certified
2SSO10157	Active	707775	Tony Pullin	Certified
2SSO10157	Active	711445	Tony Pullin	Certified
2SSO10157	Active	711894	Tony Pullin	Certified
2SSO10157	Active	711895	Tony Pullin	Certified
2SSO10157	Active	712184	Tony Pullin	Certified
2SSO10157	Active	712186	Tony Pullin	Certified
2SSO10157	Active	712187	Tony Pullin	Certified
2SSO10157	Active	713028	Tony Pullin	Certified
2SSO10157	Active	713994	Tony Pullin	Certified
2SSO10157	Active	714430	Tony Pullin	Certified
2SSO10157	Active	716820	Tony Pullin	Certified
2SSO10157	Active	717832	Tony Pullin	Certified
2SSO10157	Active	718556	Tony Pullin	Certified
2SSO10157	Active	727126	john j. szabo	Certified
2SSO10157	Active	728737	Tony Pullin	Certified
2SSO10157	Active	728738	Tony Pullin	Certified
2SSO10157	Active	731848	nelson sandoval	Certified
2SSO10157	Active	734248	nelson sandoval	Certified
2SSO10157	Active	734266	DavidPartida	Certified
2SSO10157	Active	734414	nelson sandoval	Certified
2SSO10157	Active	734418	nelson sandoval	Certified
2SSO10157	Active	734759	nelson sandoval	Certified
2SSO10157	Active	736303	David Partida	Certified
2SSO10157	Active	736600	Nelson Sandoval	Certified
2SSO10157	Active	737692	David Partida	Certified

Supervisor
Supervisor
Supervisor
Suopervisor
Supervisor
Supervisor
Supervisor
Supervisor
Supervisor
Supervisor
Supervisor
Supervisor
Supervisor
Supervisor
Supervisor
Supervisor
Director of Public Works
Director of Public Works
Sr. Maintenance Supervisor
Sr. Maintenance Supervisor
Sr. Maintenance Supervisor
Sr. Maintenance Supervisor
Smith
Admin Analyst
Admin Analyst
Admin Analyst II
Administrative Assistant
Utility Maintenance Manager
Utility Maintenance Manager
Technical Services Supervisor
Supervisor
Technical Services Supervisor
Technical Services Supervisor
Technical Services Supervisor
Technical Services Supervisor
Technical Services Supervisor
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Supervisor
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collection maitenance worker 3
Technical Services Supervisor
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Collections Worker
collections

Millbrae Public Works		620016
Millbrae Public Works		479461
Millbrae Public Works		389558
Millbrae Public Works		325943
Millbrae Public Works		233817
Millbrae Public Works		841037
Millbrae Public Works		501239
Millbrae Public Works		945430
Millbrae Public Works		443962
Millbrae Public Works		111955
Millbrae Public Works		957322
Millbrae Public Works		915719
Millbrae Public Works		183864
Millbrae Public Works		980975
Millbrae Public Works		712529
Millbrae Public Works		607374
Millbrae Public Works		524717
Milpitas		816802
Milpitas		365262
Milpitas, Ca		759527
Milpitas, Ca		210896
City of Milpitas		930045
Milpitas, Ca		854751
Milpitas, Ca		605252
Milpitas, CA		922722
Milpitas, CA		373078
Milpitas, CA		262331
Milpitas, CA		209178
	9:54	206799
	9:42	752572
	15:49	212633
	13:00	391270
	15:38	897983
	14:14	627205
	10:08	945080
	10:22	194207
	10:26	386384
	14:05	261303
	17:00	324913
	16:19	605447
	14:48	996852
	10:43	866612
	15:45	318536
	11:31	494429
	16:56	178207
	17:03	397199
sam		641227
sam		114908
4:30pm		894869
sam		391291
sam		535329
sam		384136
	8:00 AM	727755
	17:00	635868
	3:30 PM	537590

31-May-12	5/31/2012	31-May-12	5/31/2012
16-Jul-12	7/16/2012	16-Jul-12	7/16/2012
16-Jul-12	7/16/2012	16-Jul-12	7/16/2012
2-Aug-12	8/2/2012	2-Aug-12	8/2/2012
12-Sep-12	9/12/2012	12-Sep-12	9/12/2012
12-Sep-12	9/12/2012	12-Sep-12	9/12/2012
8-Nov-12	11/8/2012	8-Nov-12	11/8/2012
2-Dec-12	12/2/2012	2-Dec-12	12/2/2012
31-Dec-12	12/31/2012	31-Dec-12	12/31/2012
28-Jan-13	1/28/2013	28-Jan-13	1/28/2013
11-Apr-13	4/11/2013	11-Apr-13	4/11/2013
29-May-13	5/29/2013	29-May-13	5/29/2013
29-May-13	5/29/2013	29-May-13	5/29/2013
19-Jun-13	6/19/2013	19-Jun-13	6/19/2013
23-Aug-13	8/23/2013	23-Aug-13	8/23/2013
26-Nov-13	11/26/2013	26-Nov-13	11/26/2013
27-Nov-13	11/27/2013	27-Nov-13	11/27/2013
31-Jul-08		31-Jul-08	7/31/2008
31-Jul-08		31-Jul-08	7/31/2008
26-Aug-08		26-Aug-08	8/26/2008
26-Aug-08		26-Aug-08	8/26/2008
8-Jun-09		8-Jun-09	6/8/2009
15-Jun-09		15-Jun-09	6/15/2009
3-Mar-10		3-Mar-10	3/3/2010
11-Jul-12	7/11/2012	11-Jul-12	7/11/2012
11-Jul-12	7/11/2012	11-Jul-12	7/11/2012
19-Jul-12	7/19/2012	19-Jul-12	7/19/2012
15-Nov-12	11/15/2012	15-Nov-12	11/15/2012
30-Apr-13	4/30/2013	29-Jul-13	7/29/2013
30-Apr-13	4/30/2013	29-Jul-13	7/29/2013
15-Nov-07		15-Nov-07	11/15/2007
18-Jan-08		4-Jan-08	1/4/2008
26-Jan-08		8-Feb-08	2/8/2008
26-Jan-08		8-Feb-08	2/8/2008
1-Feb-08		1-Feb-08	2/1/2008
1-Feb-08		1-Feb-08	2/1/2008
1-Feb-08		1-Feb-08	2/1/2008
18-Feb-08		31-Mar-08	3/31/2008
26-Feb-08		23-Feb-08	2/23/2008
3-Mar-08		3-Mar-08	3/3/2008
30-Apr-08		30-Apr-08	4/30/2008
22-May-08		22-May-08	5/22/2008
30-May-08		30-May-08	5/30/2008
30-Sep-08		30-Sep-08	9/30/2008
30-Oct-08		30-Oct-08	10/30/2008
30-Oct-08		30-Oct-08	10/30/2008
14-Jan-09		14-Jan-09	1/14/2009
27-Feb-09		27-Feb-09	2/27/2009
27-Feb-09		27-Feb-09	12/8/2009
28-Feb-09		28-Feb-09	2/28/2009
28-Feb-09		28-Feb-09	2/28/2009
10-Mar-09		10-Mar-09	3/10/2009
14-Apr-09		14-Apr-09	4/14/2009
21-Apr-09		21-Apr-09	4/21/2009
20-May-09		20-May-09	5/20/2009

Category 3		10	10
Category 3		10	10
Category 3		1	1
Category 3		500	500
Category 3		5	5
Category 3		5	5
Category 3		10	10
Category 1		6000	0
Category 3		10	10
Category 1		10000	10000
Category 3		10	10
Category 3		10	10
Category 3		10	10
Category 3		50	0
Category 3		10	10
Category 3	100	100	100
Category 3	5	5	5
Category 3		20	20
Category 3		50	50
Category 3		20	20
Category 3		365	365
Category 3		20	20
Category 3		40	40
Category 3		150	150
Category 3		432	432
Category 3		95	95
Category 3		260	200
Category 3		873	873
Category 3		900	900
Category 3		75	75
Category 3		80	
Category 1		816	0
Category 1		202	0
Category 1		1125	0
Category 3		300	0
Category 3		14	0
Category 3		25	25
Category 1		6360	100
Category 3		200	200
Category 3		32	32
Category 1		20	10
Category 3		325	250
Category 3		15	0
Category 3		2	2
Category 3		80	0
Category 3		100	100
Category 3		50	0
Category 3		10	0
Category 3		100	50
Category 3		120	0
Category 3		25	10
Category 3		2	2
Category 3		25	15
Category 3		500	500
Category 3		1	1

0	No	No
0	No	No
0	No	No
0	No	Yes
0	No	No
0	No	No
0	No	No
6000	Yes	Yes
0	No	No
10000	No	Yes
0	No	No
0	No	No
0	No	No
0	No	No
0	No	No
0	No	No
0	No	No
0	No	No
0	No	No
0	No	Yes
0	No	Yes
0	No	No
0	No	No
0	No	No
0	No	No
0	No	No
0	No	No
0	No	Yes
0	No	No
0	No	Yes
	No	No
816	Yes	No
202	Yes	No
1125	Yes	No
	No	No
	No	No
	No	No
6260	Yes	No
0	No	No
	No	No
10	Yes	Yes
0	No	No
0	No	No
0	No	No
0	No	No
0	No	No
0	No	No
0	No	No
0	No	No
0	No	No
0	No	No
0	No	Yes
0	No	No
0	No	No
0	No	No

Not Applicable - Spill did not reach a separate storm drainpipe
Not Applicable - Spill did not reach a separate storm drainpipe
Not Applicable - Spill did not reach a separate storm drainpipe
Yes
Not Applicable - Spill did not reach a separate storm drainpipe
Not Applicable - Spill did not reach a separate storm drainpipe
Not Applicable - Spill did not reach a separate storm drainpipe
No
Not Applicable - Spill did not reach a separate storm drainpipe
Yes
Not Applicable - Spill did not reach a separate storm drainpipe
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Not Applicable - Spill did not reach storm drainpipe
Yes
Yes
Not Applicable - Spill did not reach storm drainpipe
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Not Applicable - Spill did not reach storm drainpipe
Not Applicable - Spill did not reach a separate storm drainpipe
Not Applicable - Spill did not reach a separate storm drainpipe
Not Applicable - Spill did not reach a separate storm drainpipe
Yes
Not Applicable - Spill did not reach a separate storm drainpipe
Yes
Not Applicable - Spill did not reach storm drainpipe
Not Applicable - Spill did not reach a separate storm drainpipe
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Not Applicable - Spill did not reach storm drainpipe
Not Applicable - Spill did not reach a separate storm drainpipe
Not Applicable - Spill did not reach storm drainpipe
No
Not Applicable - Spill did not reach storm drainpipe
Not Applicable - Spill did not reach storm drainpipe
Not Applicable - Spill did not reach storm drainpipe
Not Applicable - Spill did not reach storm drainpipe
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Not Applicable - Spill did not reach storm drainpipe
Not Applicable - Spill did not reach storm drainpipe
Not Applicable - Spill did not reach storm drainpipe
Not Applicable - Spill did not reach storm drainpipe
Yes
Not Applicable - Spill did not reach storm drainpipe
Not Applicable - Spill did not reach a separate storm drainpipe
Not Applicable - Spill did not reach storm drainpipe

161 La Prenda
430 Taylor
400 Hazel Ave.
1385 Magnolia Ave
1150 Hillcrest
612 Millbrae Ave
400 Palm Ave
1132 Landing Lane
210 Broadway
41 Via Canon
800 Taylor Blvd
850 Murchison Dr
801 Hawthorne
466 Hazel Ave
45 Spruce Street
1315 Viste Grande
831 Hillcrest
918 Canada
225 Boyd
Park Victoria Dr.
Comet Dr.
121 Jasmine Court
San Miduel Ct. @ Junipero Dr
923 Conventry Way
Comet Dr & Metropolitan
876 Yosemite Dr
Carnegie & Mercury Ct
Intersection Arizona Ave & Volmy St
250 South Milpitas Blvd
755 E. Capitol Ave
858 Buena Vista Street
7th Street Lift Station
Seal Cove 3 LS
14th Street, Montara
Kanoff Street LS
Seal Cove #4 LS
846 San Ramone
Date - Harte Street LS
Seal Cove # 3 2-23-08
304 14th Street
13th street and Farallone
Carlos Street
Cabrillo Hwy @ 7th street
moss beach
391 6th Street, Montara
560 Kanoff, Montara
800 Edison st
birch street
1131 columbus ave
451 california
557 ISABELLA
312 14th st
Corner of Franklin st and Cedar ST
140 beachway
901 Ocean blvd

37.590806	-122.41225	San Mateo
37.599583	-122.397194	San Mateo
37.598917	-122.397722	San Mateo
37.608417	-122.403139	San Mateo
37.594417	-122.404083	San Mateo
37.595333	-122.393194	San Mateo
37.599639	-122.397278	San Mateo
37.610139	-122.39825	San Mateo
37.605278	-122.397639	San Mateo
37.592694	-122.403194	San Mateo
37.597972	-122.399806	San Mateo
37.592611	-122.391528	San Mateo
37.592611	-122.391528	San Mateo
37.599167	-122.399556	San Mateo
37.610194	-122.395222	San Mateo
37.423444	-122.406917	San Mateo
37.595444	-122.398222	San Mateo
37.441635	-121.890811	Santa Clara
37.45643	-121.906593	Santa Clara
37.417482	121.876016	Santa Clara
37.418871	121.90096	Santa Clara
37.439182	-121.876295	Santa Clara
37.425014	-121.911356	Santa Clara
37.443109	-121.907837	Santa Clara
37.418705	-121.900517	Santa Clara
37.423378	-121.891042	Santa Clara
37.431225	-121.879951	Santa Clara
37.454194	-121.906194	Santa Clara
37.429833	-121.89625	Santa Clara
37.41	-121.887222	Santa Clara
37.53291	122.50897	San Mateo
37.54262	-122.51685	San Mateo
37.51776	122.5103	San Mateo
37.53986	122.5166	San Mateo
37.54941	122.51306	San Mateo
37.51984	122.51092	San Mateo
37.51949	122.51054	San Mateo
37.54046	122.50589	San Mateo
37.51781	-122.51028	San Mateo
37.50932	122.46504	San Mateo
37.53774	122.51665	San Mateo
37.53127	122.51625	San Mateo
37.54299	122.51569	San Mateo
37.51491	122.50908	San Mateo
37.54167	122.51202	San Mateo
37.54169	122.50751	San Mateo
37.54339	122.50256	San Mateo
37.53833	122.50733	San Mateo
37.50502	122.46469	San Mateo
37.52629	122.51432	San Mateo
37.50585	122.46585	San Mateo
37.53714	-122.51712	San Mateo
37.54187	-122.50348	San Mateo
37.51782	-122.51269	San Mateo
37.5143	-122.51136	San Mateo

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2

C.O. in turf strip.

C.O in sidewalk.

Lateral in sidewalk.

Sidewalk

Residential street

Construction Site

on sidewalk of residence at 121 bernal
Dirt in yard and a little in house

onto ground and pavement

1
1

Gravity sewer
Gravity sewer
Gravity sewer
Gravity sewer
Gravity sewer
Gravity sewer
Gravity sewer
Manhole
Gravity sewer
Gravity sewer
Gravity sewer
Gravity sewer
Gravity sewer
Building or structure
Gravity sewer
Manhole
Lateral Clean Out (Public)
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Gravity sewer
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Pump station
Manhole
Pump station
Manhole
Building or structure
Manhole
Manhole
Building or structure
Manhole
Manhole
Manhole
Other (specify)
Building or structure
Manhole
Manhole
Manhole
Other sewer system structure
Manhole
Manhole
Other sewer system structure
Manhole
Other sewer system structure
Force main or pressure sewer

C.O in sidewalk

C.O in sidewalk.

C.O in sidewalk
A small landslide broke our sewer main

Overflowed through one pick hole in the M.H.
Sewer Cleanout in sidewalk.

private cleanout

Street/curb and gutter
Street/curb and gutter
Street/curb and gutter
Separate storm drain
Street/curb and gutter
Street/curb and gutter
Street/curb and gutter
Separate storm drain
Street/curb and gutter
Separate storm drain
Street/curb and gutter
Street/curb and gutter
Street/curb and gutter
Building or structure
Street/curb and gutter
Unpaved surface
Paved Surface
Street/curb and gutter
Street/curb and gutter
Storm drain
Storm drain
Other paved surface
Street/curb and gutter
Unpaved surface
Street/curb and gutter
Other paved surface
Street/curb and gutter
Separate storm drain;Street/curb and gutter
Other paved surface
Separate storm drain
Unpaved surface
Surface water;Unpaved surface
Beach;Surface water
Beach;Surface water
Unpaved surface
Unpaved surface
Building or structure
Surface water
Beach;Street/curb and gutter
Building or structure
Surface water
Unpaved surface;Other (specify below)
Unpaved surface
Other (specify below)
Building or structure;Unpaved surface
Other paved surface;Unpaved surface
Street/curb and gutter
Other paved surface
Unpaved surface
Unpaved surface
Unpaved surface
Storm drain
Other paved surface;Unpaved surface
Other paved surface
Other paved surface

Backed up into garage.

Overflowed contained to the back yard of 1315 Viste Grande and 25 Mullins Ct.

We believe that the spill didn't reach the ocean. Due to conditions we could not inspect at the time but later inspection tu

Flowed into downstream manhole

spill was returned to sewer system thru cleanout at spill location

5/29/2012 14:40	5/29/2012 15:00	5/29/2012 15:10	5/29/2012 15:10
7/6/2012 6:15	7/6/2012 6:20	7/6/2012 6:35	7/6/2012 6:40
7/9/2012 11:30	7/9/2012 11:30	7/9/2012 11:40	7/9/2012 11:55
8/1/2012 11:00	8/1/2012 11:10	8/1/2012 11:15	8/1/2012 15:00
9/11/2012 15:25	9/11/2012 15:30	9/11/2012 15:40	9/11/2012 15:40
9/2/2012 13:37	9/2/2012 13:37	9/2/2012 13:55	9/2/2012 14:30
11/8/2012 14:10	11/8/2012 14:10	11/8/2012 14:25	11/8/2012 15:00
12/2/2012 10:00	12/2/2012 10:00	12/2/2012 10:00	12/2/2012 11:00
12/29/2012 17:10	12/29/2012 17:10	12/29/2012 17:25	12/29/2012 17:25
1/28/2013 11:30	1/28/2013 11:30	1/28/2013 11:40	1/28/2013 12:50
4/2/2013 13:30	4/2/2013 13:30	4/2/2013 13:50	4/2/2013 13:50
5/18/2013 12:10	5/18/2013 12:10	5/18/2013 14:30	5/18/2013 14:30
5/19/2013 10:45	5/19/2013 10:45	5/19/2013 10:55	5/19/2013 10:55
6/14/2013 10:00	6/14/2013 10:00	6/14/2013 10:15	6/14/2013 10:15
8/19/2013 11:50	8/19/2013 11:50	8/19/2013 12:00	8/19/2013 12:00
11/26/2013 7:30	11/26/2013 7:30	11/26/2013 7:50	11/26/2013 8:00
10/17/2013 10:15	10/17/2013 10:15	10/17/2013 10:30	10/17/2013 10:30
4/19/2008 14:00	4/19/2008 14:00	4/19/2008 14:30	4/19/2008 14:45
6/11/2008 20:48	6/11/2008 20:48	6/11/2008 21:15	6/11/2008 21:30
8/8/2008 14:30	8/8/2008 14:40	8/8/2008 15:05	8/8/2008 15:45
8/23/2008 7:30	8/23/2008 8:30	8/23/2008 9:00	8/23/2008 9:45
6/2/2009 17:00	6/2/2009 17:15	6/2/2009 17:40	6/2/2009 18:05
6/14/2009 10:30	6/14/2009 10:45	6/14/2009 11:14	6/14/2009 11:50
8/14/2009 11:00	8/14/2009 11:15	8/14/2009 11:30	8/14/2009 11:30
6/30/2012 0:00	6/30/2012 0:00	6/30/2012 0:30	6/30/2012 0:45
6/21/2012 0:00	6/21/2012 7:59	6/21/2012 8:09	6/21/2012 8:34
7/10/2012 9:00	7/10/2012 9:07	7/10/2012 9:15	7/10/2012 9:26
11/5/2012 7:27	11/5/2012 7:45	11/5/2012 8:10	11/5/2012 9:04
3/26/2013 18:40	3/26/2013 18:45	3/26/2013 19:25	3/26/2013 19:45
3/13/2013 12:15	3/13/2013 13:11	3/13/2013 13:20	3/13/2013 13:30
11/12/2007 7:45	11/12/2007 7:45	11/12/2007 8:15	11/12/2007 8:20
1/4/2008 9:00	1/4/2008 9:00	1/4/2008 9:00	1/4/2008 13:00
1/25/2008 14:30	1/25/2008 14:30	1/25/2008 14:30	1/25/2008 14:35
1/25/2008 14:50	1/25/2008 14:50	1/25/2008 14:50	1/25/2008 17:16
1/4/2008 9:39	1/4/2008 9:41	1/4/2008 9:41	1/4/2008 9:41
1/4/2008 15:00	1/4/2008 15:00	1/4/2008 15:00	1/4/2008 15:05
1/4/2008 0:00	1/4/2008 0:00	1/4/2008 0:00	1/4/2008 0:00
2/17/2008 12:00	2/17/2008 13:00	2/17/2008 13:15	2/17/2008 14:00
2/23/2008 10:10	2/23/2008 10:10	2/23/2008 10:15	2/23/2008 15:15
1/25/2008 13:30	1/25/2008 13:30	1/25/2008 13:50	1/25/2008 13:50
4/28/2008 18:40	4/28/2008 18:40	4/28/2008 19:20	4/28/2008 19:40
5/5/2008 10:56	5/5/2008 10:56	5/5/2008 11:20	5/5/2008 12:05
1/19/2008 11:00	1/19/2008 11:00	1/19/2008 11:30	1/19/2008 11:40
9/28/2008 19:55	9/28/2008 19:55	9/28/2008 21:00	9/28/2008 21:00
10/5/2008 12:20	10/5/2008 12:20	10/5/2008 12:50	10/5/2008 13:10
10/7/2008 8:02	10/7/2008 8:02	10/7/2008 8:20	10/7/2008 8:40
1/10/2009 17:15	1/10/2009 17:15	1/10/2009 18:05	1/10/2009 18:15
2/18/2009 10:49	2/18/2009 9:49	2/18/2009 11:15	2/18/2009 11:20
2/23/2009 1:57	2/23/2009 1:57	2/23/2009 2:15	2/23/2009 2:30
2/27/2009 5:30	2/27/2009 5:30	2/27/2009 5:45	2/27/2009 6:15
2/28/2009 1:05	2/28/2009 1:05	2/28/2009 1:15	2/28/2009 2:00
2/28/2009 8:38	2/28/2009 9:35	2/28/2009 9:00	2/28/2009 9:35
3/28/2009 9:07	3/28/2009 9:07	3/28/2009 9:30	3/28/2009 9:40
4/3/2009 4:45	4/3/2009 4:45	4/3/2009 5:10	4/3/2009 6:00
4/23/2009 3:30	4/23/2009 3:30	4/23/2009 3:45	4/23/2009 3:50

Root intrusion
Debri-General
Root intrusion
Pipe structural problem/failure
Debri-General
Root intrusion
Root intrusion
Surcharged pipe (Combined CS Only)
Root intrusion
Pipe structural problem/failure
Root intrusion
Debri-General
Debri-General
Root intrusion
Debri-General
Root Intrusion
Root Intrusion
Grease deposition (FOG)
Grease deposition (FOG)
Grease deposition (FOG)
Grease deposition (FOG)
Grease deposition (FOG)
Grease deposition (FOG)
Pump station failure
Grease deposition (FOG)
Grease deposition (FOG)
Grease deposition (FOG)
Debri-General
Grease deposition (FOG)
Grease deposition (FOG)
Pipe structural problem/failure
Other (specify below)
Other (specify below)
Rainfall exceeded design
Pump station failure
Pump station failure
Pump station failure
Pump station failure
Pump station failure
Flow exceeded capacity
Root intrusion
Debris
Debris
Other (specify below)
Root intrusion
Debris
Root intrusion
Root intrusion
Pipe structural problem/failure
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Pipe structural problem/failure
Pipe structural problem/failure

A small landslide broke our sewer main

Power failure. Portable generator rental suffered a flat tire (spare didn't come with unit) and had to be repaired before mc
Lift Station Controller Failure during storm with power issues

grease and paper products

roots in main line caused blockage homeowner removed clean out cap causing sewage to seep out escaping to storm

Lower Lateral
Lower Lateral
Lower Lateral
Main
Lower Lateral
Lower Lateral
Lower Lateral
Main
Lower Lateral
Main
Lower Lateral
Lower Lateral
Lower Lateral
Lower Lateral
Lower Lateral
Manhole
Lower Lateral (Public)
Main
Main
Main

Main

Main
Main
Main
Main
Main
Main
Main

Other (specify below)

Other (specify below)

Main

Main
Main

Main
Main

Main
Main

A small landslide broke our sewer main

Lift Station Power Failure

lift station failure

	4 VCP
	4 VCP
	4
	4 VCP
	4 VCP
	4 VCP
	6 VCP
	4
	4 VCP
No	6 VCP
No	4 VCP
	6 VCP
	6 VCP
	8
	10
	8 Clay
	6 vcp
	6 VCP

50
70
60

70
70
60

60

50

35
30
30
50

Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow;Returned all or portion of spill to sanit
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow;Returned all or portion of spill to sanit
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow;Returned all or portion of spill to sanit
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow;Returned all or portion of spill to sanit
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow;Returned all or portion of spill to sanit
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow;Returned all or portion of spill to sanit
Cleaned-up (mitigated effects of spill)
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow;Returned all or portion of spill to sanit
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow;Returned all or portion of spill to sanit
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R

Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow;Returned all or portion of spill to sanit
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow;Returned all or portion of spill to sanit
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow;Returned all or portion of spill to sanit
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow;Returned all or portion of spill to sanit
Contained all or portion of spill;Restored flow;Returned all or portion of spill to sanitary sewer system
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow;Returned all or portion of spill to sanit
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Returned all or portion of spill to sanitary sewer syst
Cleaned-up (mitigated effects of spill);Contained all or portion of spill
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow
Contained all or portion of spill;Returned all or portion of spill to sanitary sewer system
Returned all or portion of spill to sanitary sewer system
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow
Contained all or portion of spill;Returned all or portion of spill to sanitary sewer system
Cleaned-up (mitigated effects of spill);Inspected sewer using CCTV to determine cause;Restored flow
Restored flow
Restored flow
Restored flow
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Returned all or portion of spill to sanitary sewer syst
Restored flow
Returned all or portion of spill to sanitary sewer system
Cleaned-up (mitigated effects of spill);Returned all or portion of spill to sanitary sewer system
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow;Returned all or portion of spill to sanit
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Returned all or portion of spill to sanitary sewer syst
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow;Returned all or portion of spill to sanit
Restored flow
Inspected sewer using CCTV to determine cause;Restored flow;Returned all or portion of spill to sanitary sewer system
Cleaned-up (mitigated effects of spill);Inspected sewer using CCTV to determine cause;Restored flow
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Restored flow
Restored flow
Contained all or portion of spill
Restored flow
Restored flow
Restored flow;Returned all or portion of spill to sanitary sewer system
Cleaned-up (mitigated effects of spill);Restored flow
Contained all or portion of spill
Contained all or portion of spill

Crew responded to sewer odor complaint. Upon arrival crew determined a sewer pipe was backed up and overflowing. (

Clean up is still continuing

We beleive the sewage didn't make it to the ocean but cannot demonstrate that so we are reporting a cat 1 SSO

Called out restoration company via CSRMA

12/2/2012 13:00

1/28/2013 17:00

1/4/2008 13:00
1/25/2008 14:35
1/25/2008 17:16

2/17/2008 20:00

4/28/2008 21:05

Plan rehabilitation or replacement of sewer

Plan rehabilitation or replacement of sewer

Other (specify below)
Other (specify below)
Other (specify below)

Other (specify below)

Adjusted schedule/method of preventive maintenance

A spare tire was purchased for the rental generator
Reset Station Controls
SAM is currently evaluating options to increase storm capacity

Still investigating

No

Yes

No
No
No

Yes

No

N/A

Yes

Yes

No
No
No

No

No

N/A

N/A

N/A
N/A

South of Montara State Beach approximatly 1/3 mile
Fitzgerals Marine Reserve
Rocky shore adjacent to Pt Montara Lighthouse

Inaccable beach North of Pt Montara Lighthouse
Fitzgerald Marine Preserve (Southern End)

Pacific Ocean

N/A
N/A
N/A
N/A
N/A
N/A
N/A
Storm
N/A
N/A
N/A
N/A
N/A
N/A
N/A

N/A
N/A

Pacific Ocean
Pacific Ocean
Pacific Ocean

Montara Creek, Pacific Ocean
Pacific Ocean

Montara Creek

No water quality samples taken

Other (specify below)

No water quality samples taken
No water quality samples taken
No water quality samples taken

No water quality samples taken

No water quality samples taken

Enerolert Test, Total Chloroform, E. COLI

Area is at base of cliff on jagged rocks swept by surf. It was not accessable.

None of the above

County Health Agency

No water quality samples taken
No water quality samples taken
No water quality samples taken

No water quality samples taken

No water quality samples taken

127308	12/2/2012 12:00
130595	1/28/2013 11:40
80777	1/26/2008 13:50
80778	1/26/2008 13:50
81398	2/17/2008 18:25
81528	2/23/2008 11:30
83113	4/29/2008 10:09
90293	1/14/2009 7:35

Michael Killigrew	6502592374
Michael Killigrew	6502800914

2SSO10157	Active	746645	DavidPartida	Certified
2SSO10157	Active	746916	DavidPartida	Certified
2SSO10157	Active	750547	David Partida	Certified
2SSO10157	Active	751920	David Partida	Certified
2SSO10157	Active	752504	David Partida	Certified
2SSO10157	Active	752507	David partida	Certified
2SSO10157	Active	753427	nelson sandoval	Certified
2SSO10157	Active	753687	David Partida	Certified
2SSO10157	Active	758379	David Partida	Certified
2SSO10157	Active	759941	nelson sandoval	Certified
2SSO10157	Active	764426	David Partida	Certified
2SSO10157	Active	765329	nelson sandoval	Certified
2SSO10157	Active	768827	Pat McGowan	Certified
2SSO10157	Active	772467	nelson sandoval	Certified
2SSO10157	Active	775101	nelson	Certified
2SSO10157	Active	781477	David Partida	Certified
2SSO10157	Active	781676	David Partida	Certified
2SSO10157	Active	788653	David Partida	Certified
2SSO10157	Active	789127	nelson sandoval	Certified
2SSO10157	Active	792729	nelson sandoval	Certified
2SSO10158	Active	653744	Dale W. Riddle	Certified
2SSO10158	Active	657107	Dale W. Riddle	Certified
2SSO10158	Active	704819	Dale W. Riddle	Certified
2SSO10158	Active	705874	Dale W. Riddle	Certified
2SSO10158	Active	708571	Dale W. Riddle	Certified
2SSO10158	Active	708923	Dale W. Riddle	Certified
2SSO10158	Active	710446	Dale W. Riddle	Certified
2SSO10158	Active	710452	Michael Roderick	Certified
2SSO10158	Active	710777	Mike Roderick	Certified
2SSO10158	Active	711517	Dale W. Riddle	Certified
2SSO10158	Active	712335	Dale W. Riddle	Certified
2SSO10158	Active	712336	Dale W. Riddle	Certified
2SSO10158	Active	712978	Dale W. Riddle	Certified
2SSO10158	Active	713771	Dale W. Riddle	Certified
2SSO10158	Active	714762	Dale W. Riddle	Certified
2SSO10158	Active	714765	Dale W. Riddle	Certified
2SSO10158	Active	714768	Dale W. Riddle	Certified
2SSO10158	Active	715659	Dale W. Riddle	Certified
2SSO10158	Active	715660	Dale W. Riddle	Certified
2SSO10158	Active	715661	Dale W. Riddle	Certified
2SSO10158	Active	716100	Dale W. Riddle	Certified
2SSO10158	Active	722757	Dale W. Riddle	Certified
2SSO10158	Active	723342	Dale W. Riddle	Certified
2SSO10158	Active	724331	Dale W. Riddle	Certified
2SSO10158	Active	727054	Dale W. Riddle	Certified
2SSO10158	Active	730541	Dale W. Riddle	Certified
2SSO10158	Active	731030	Michael D Roe	Certified
2SSO10158	Active	731552	David Contreras	Certified
2SSO10158	Active	731878	Dale W. Riddle	Certified
2SSO10158	Active	732255	Michael Roe	Certified
2SSO10158	Active	732841	Michael Roe	Certified
2SSO10158	Active	736391	Michael D. Roe	Certified
2SSO10158	Active	738279	Dale W. Riddle	Certified
2SSO10158	Active	743866	Dale W. Riddle	Certified
2SSO10158	Active	746325	Dale W. Riddle	Certified

collection worker
collection worker
Collection Worker
Collection Worker
collection worker
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4:22pm		205081
4:20pm		832663
8:13am		348087
08:26am		651650
	9:20	754765
	7:08	127523
sam		338684
	16:16	967186
	9:23	188275
sam		459778
13:12 SAM		443442
sam		690928
S.A.M.		821517
sam		931619
sam @9:15am		555952
SAM 15:22		962123
SAM 13:46		732281
SAM 13:07		685603
sam @1:35pm		482626
sam @8:10 am		238650
Martinez CA		119900
Martinez CA		370004
Martinez CA		507602
Martinez CA		359133
Martinez CA		160459
Martinez CA		463791
Martinez,CA		623446
Martinez, Ca		718899
Martinez CA		628441
Martinez CA		973394
contra costa		278132
contra costa		445640
Martinez CA		459279
Martinez CA		159216
Martinez CA		948289
Martinez CA		796481
Martinez,CA		975202
Martinez CA		610248
Martinez, CA		316036
Martinez CA		730166
Martinez CA		913470
Martinez CA		741797
Martinez CA		964931
Martinez CA		927445
Martinez CA		812669
Martinez CA		292721
	11:55:00	740062
Martinez, CA		996058
Martinez CA		123237
	13:32	836998
	16:29	400195
Martinez, California		979830
Martinez CA		132824
Martinez CA		752701
Mt. View Sanitary District		540093

9-Nov-09		8-Dec-09	12/8/2009
23-Nov-09		8-Dec-09	12/8/2009
15-Mar-10		15-Mar-10	3/15/2010
23-Apr-10		23-Apr-10	4/23/2010
18-May-10	5/18/2010	18-May-10	5/18/2010
18-May-10	5/20/2010	20-May-10	5/20/2010
16-Jun-10	6/16/2010	16-Jun-10	6/16/2010
21-Jun-10	6/21/2010	21-Jun-10	6/21/2010
5-Nov-10	11/5/2010	5-Nov-10	11/5/2010
28-Dec-10	12/28/2010	28-Dec-10	12/28/2010
16-Mar-11	3/16/2011	16-Mar-11	3/16/2011
11-Apr-11	4/11/2011	11-Apr-11	4/11/2011
21-Jul-11	7/21/2011	21-Jul-11	7/21/2011
28-Oct-11	10/28/2011	28-Oct-11	10/28/2011
3-Jan-12	1/3/2012	3-Jan-12	1/3/2012
18-May-12	5/18/2012	18-May-12	5/18/2012
29-May-12	5/29/2012	5-Jul-12	7/5/2012
2-Dec-12	12/2/2012	2-Dec-12	12/2/2012
18-Dec-12	12/18/2012	18-Dec-12	2/6/2013
19-Mar-13	3/19/2013	19-Mar-13	3/19/2013
9-Jul-07		14-Dec-09	12/6/2010
11-Sep-07		11-Sep-07	12/6/2010
9-Oct-07		9-Oct-07	12/6/2010
20-Oct-07		23-Oct-07	10/23/2007
1-Dec-07		10-Dec-07	12/6/2010
10-Dec-07		10-Dec-07	12/6/2010
27-Dec-07		27-Dec-07	12/10/2010
27-Dec-07		27-Dec-07	12/27/2007
7-Jan-08		7-Jan-08	1/7/2008
22-Jan-08		22-Jan-08	12/6/2010
4-Feb-08		4-Feb-08	2/4/2008
4-Feb-08		4-Feb-08	2/4/2008
15-Feb-08		15-Feb-08	12/10/2010
23-Feb-08		25-Feb-08	2/25/2008
11-Mar-08		11-Mar-08	3/11/2008
11-Mar-08		11-Mar-08	3/11/2008
11-Mar-08		11-Mar-08	3/11/2008
1-Apr-08		1-Apr-08	4/1/2008
1-Apr-08		14-Dec-09	12/14/2009
1-Apr-08		1-Apr-08	4/1/2008
11-Apr-08		28-May-08	12/10/2010
17-Jul-08		17-Jul-08	12/10/2010
24-Jul-08		24-Jul-08	7/24/2008
7-Aug-08		7-Aug-08	8/7/2008
29-Sep-08		29-Sep-08	12/10/2010
15-Dec-08		15-Dec-08	12/15/2008
23-Dec-08		23-Dec-08	12/23/2008
7-Jan-09		7-Jan-09	1/7/2009
14-Jan-09		14-Jan-09	12/10/2010
22-Jan-09		22-Jan-09	1/22/2009
30-Jan-09		30-Jan-09	1/30/2009
15-Apr-09		15-Apr-09	4/15/2009
1-Jun-09		2-Jun-09	6/2/2009
27-Aug-09		10-Sep-09	9/10/2009
28-Oct-09		14-Dec-09	12/14/2009

Category 3	250	100
Category 3	50	50
Category 1	192	50
Category 1	4000	0
Category 3	25	0
Category 3	5	0
Category 3	1	0
Category 3	50	50
Category 3	100	5
Category 3	15	10
Category 3	10	0
Category 1	50	0
Category 3	10	0
Category 3	10	0
Category 3	75	75
Category 3	400	400
Category 1	1000	0
Category 3	50	50
Category 1	100	80
Category 3	750	0
Category 3	3	0
Category 3	25	0
Category 3	70	70
Category 2	8400	2000
Category 3	690	690
Category 3	2	0
Category 1	1350	450
Category 3	5	0
Category 3	645	0
Category 3	305	0
Category 3	5	
Category 3	2	0
Category 1	50	0
Category 1	1800	900
Category 3	50	50
Category 3	75	75
Category 3	15	15
Category 3	3	0
Category 3	3	0
Category 3	20	0
Category 1	100	0
Category 1	50	40
Category 3	50	50
Category 3	50	50
Category 1	420	0
Category 1	15000	12000
Category 3	300	300
Category 1	598000	155000
Category 1	450	300
Category 2	34000	34000
Category 3	961	961
Category 1	17955	3000
Category 1	425	0
Category 3	14	0
Category 1	1266	1053

0	No	No
0	No	No
142	Yes	No
4000	Yes	Yes
0	No	No
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0	No	No
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0	No	No
0	No	No
50	No	Yes
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1000	Yes	No
0	No	No
20	Yes	Yes
0	No	No
0	No	No
0	No	No
0	No	No
0	No	No
0	No	No
0	No	No
900	Yes	Yes
0	No	Yes
	No	No
0	No	No
	No	No
	No	No
1	Yes	Yes
900	Yes	Yes
0	No	No
0	No	No
0	No	No
0	No	No
0	No	No
0	No	No
50	Yes	Yes
10	Yes	Yes
0	No	Yes
0	No	No
420	Yes	Yes
3000	Yes	Yes
0	No	Yes
598000	Yes	Yes
150	Yes	Yes
0	No	Yes
0	No	Yes
10164	Yes	Yes
425	Yes	Yes
0	No	No
213	Yes	Yes

Not Applicable - Spill did not reach storm drainpipe
Not Applicable - Spill did not reach storm drainpipe
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Not Applicable - Spill did not reach storm drainpipe
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Edison st
edison
66 Madrone Ave
Intersection of 14th st and highway 1
7th street
7th street
La Grande Ave
Ocean ave
800 Edison st
222 11th street
387 Fourth st
140 beach way
821 Ocean blvd
11 st at main
edison st
Corner of Marine blvd and Park way
Nevada ave
391 6th st
El gran amigo resturant
8th farallone ave
4026 Pacheco Blvd
2311 Pomona Ave
Morello Ave& Petite Lane
740 Glen St
619 Palm Ave
Shell Ave and Pechaco Blvd
413 Eastgate Lane
Corner of Blum RD and Clipper Lane
911 Palm Ave
723 KELLY AVE
576 Palms Dr
4221 Valley Ave
1130 Plaza Dr
Pacheco Blvd
911 Merle Ave
911 Merle Ave
4033 Camino Vinedo
1220 Oak Crest Ct
1220 Oak Crest Ct
654 FigTree Lane
Manhole on Morello Avenue across from Loreto Court
217 Holiday Hills Dr
1031 Plaza Dr
1050 Oak St
888 Howe Rd
130 Figtree Lane
4285 Pacheco Blvd
East AT & SF RWY Morello
ORCHARD LANE @ SHELL AVE
Pacheco Blvd.
1000 Marie Ave
Behind 511 Westaire Blvd in railroad easement
2508 Pacheco Blvd
4001 Pacheco Blvd.
11 Gilrix Drive, Martinez, CA 94553

37.32635	-122.30179	San Mateo
37.26459	-122.30199	San Mateo
37.51467	-122.51102	San Mateo
37.53725	-122.51751	San Mateo
37.53934	-122.50911	San Mateo
37.53942	-122.50919	San Mateo
37.51645	-122.51184	San Mateo
37.30839	-122.30674	San Mateo
37.54339	-122.50255	San Mateo
37.5394	-122.51662	San Mateo
37.3257	-122.30672	San Mateo
37.51758	-122.5128	San Mateo
37.30974	-122.30712	San Mateo
37.53937	-122.5167	San Mateo
37.32636	-122.30182	San Mateo
37.31236	-122.30778	San Mateo
37.31594	-122.30906	San Mateo
37.32519	-122.30796	San Mateo
37.31597	-122.30785	San Mateo
37.34592	-122.34954	San Mateo
38.00753	-122.094194	Contra Costa
38.008193	-122.122653	Contra Costa
38.006846	-122.101799	Contra Costa
38.004	122.121	Contra Costa
38.001878	-122.116629	Contra Costa
38.012986	-122.11799	Contra Costa
37.993056	-122.096667	Contra Costa
38.004167	122.074444	Contra Costa
38.004339	122.074689	Contra Costa
38.00464	-122.118528	Contra Costa
38.0133	-122.0834	Contra Costa
38.0154	122.0871	Contra Costa
38.008844	-122.112703	Contra Costa
38.0123	-122.1077	Contra Costa
38.006	-122.116	Contra Costa
38.006	-122.116	Contra Costa
38.01	-122.093	Contra Costa
37.9848	-122.1062	Contra Costa
37.9848	-122.1062	Contra Costa
37.9946	-122.0965	Contra Costa
37.998	-122.101	Contra Costa
37.994	-122.092	Contra Costa
38.007	-122.112	Contra Costa
38.0084	-122.1173	Contra Costa
38.004	-122.11	Contra Costa
37.992	-122.095	Contra Costa
38.007123	-122.092363	Contra Costa
38.005161	-122.098561	Contra Costa
38.012	-122.117	Contra Costa
38.010072	122.100326	Contra Costa
38.00429176	122.1040718	Contra Costa
38.00285595	-122.1090977	Contra Costa
38.0126	-122.1175	Contra Costa
38.00852	-122.09533	Contra Costa
38.00743	-122.10203	Contra Costa

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Manhole
West end of 14th st intersection with highway 1

Manhole in front of residence

5 gallons of sewage spilled onto paved area in and around the house garage and the other 5 gallons spilled inside house.
Manhole in front of resturant
Location would be aprox. 1.5 feet from grinder pump on discharge side.
sewage coming out of manhole in the middle of the street

Stoppage at main line was betwwen Airport rd and Park way. But four manholes overflowed upstream on Park way.
While Cleaning M10009-M10008 we noticed no water coming back downstream so we went upstream and noticed that tl
House clean out at 391 sixth st backed up because it is the lowest point in the area. recoverd all of spill.
clean out at el gran amigo overflowed into a ditch that was being worked on at the time.

spill contained in lower basement area
in front of listed address in street
water around manhole in street.
private property vacant lot located at 740 Glen st
Spill contained to inside resident and basement area
MH P08009 corner of Shell and Pacheco

Manhole @ Blum Rd and Clipper Lane overflowed
Corner of Palm ave and Merle Ave
OVERFLOWED FROM CLEANOUT\OVERFLOW DEVICE LOCATED IN SIDE YARD, SPILL CONTAINED TO SIDE\BA
backup contained to shower pan in bathroom
overflow at cleanout-
1130 and 1121 Plaza Dr
Mh# H01005 located on Pacheco Blvd
at clean out located in driveway and garage area
911 Merle Ave, from cleanout loacted in driveway
rodding inlet located on Camino Vinedo
manhole located in backyard easment
manhole located in backyard easment
manhole locate in packing space
Manhole #E04008 and northwest direction of Morello Avenue
RI #E08017 located behind above address
mh#P05008 located infront of 1031 Plaza Dr
backup contained in bath tub, toilet and basement area
manhole# P06007 located in front of 888 Howe Rd
overflow from manhole located in apartment complex located at 130 Figtree Lane
Near the corner of Arthur and Pacheco in front of the Shell Station on Pacheco
Mt. View Sanitary District pump station number 4
INTERSECTION OF ORCHARD LANE AND SHELL AVE-

Manhole H04040, located at Marie Ave and Dardanelle Ct.

Contra Costa Water District (CCWD) crew cracked our mainline during their repair work and caused the spill. The spill di

Blockage was caused from root intrusio

here was a leak in the main which runs

CKYARD

d not reach any surface water or storm c

Other sewer system structure
Manhole
Manhole
Manhole
Other (specify)
Other (specify)
Force main or pressure sewer;Manhole
Other sewer system structure
Gravity sewer;Manhole
Manhole
Other sewer system structure
Force main or pressure sewer
Other sewer system structure
Manhole
Other (specify)
Manhole
Building or structure;Gravity sewer
Gravity sewer
Building or structure
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Other sewer system structure
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Building or structure
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Manhole
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Other (specify)
Building or structure
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Other sewer system structure
Manhole
Manhole
Manhole
Manhole
Other (specify)
Manhole
Building or structure
Manhole
Manhole
Manhole
Pump station
Manhole
Other (specify)
Manhole
Manhole
Gravity sewer
Gravity sewer
Manhole

Property line clean out near the street. At some point Mushroom valve got clogged with debris and went into the house

Property line clean out
Spill from property line clean out
Seeping out of Pavement from burried manhole
Residentual grinder pump

House clean out. (Lowest point in the street)

the spill came out of the clean out on the side of the house due to blockage in the main line
Four manholes overflowed, MH16010,MH16008,MH16005, ,MH16004. Stoppage between m16004-m14034
Main line at drainage ditch. Andreinni Bros were called out for repair of pipe. Repair done same day.
Main line blockage caused sewer to back up at lowest point which was the clean out at 391 6th st
upon returning on wednesday 2 days later to talk to resturant owner we looked at the spill area and saw signs of grea

rodding inlet (RI)

overflow from master bath and second bathroom

Cleanout @ 911 Palm Ave
BUILDING CLEANOUT\OVERFLOW DEVICE

building cleanout\overflow device
Cleanouts @ both 1130 and 1121 Plaza Dr

cleanout located in driveway
building cleanout\overflow device
Rodding inlet

rodding inlet

MH # E07068

Storm drain

Building or structure;Unpaved surface;Other (specify below)
Unpaved surface
Beach;Other paved surface;Surface water
Storm drain;Surface water
Unpaved surface
Unpaved surface
Other paved surface
Other paved surface;Unpaved surface
Unpaved surface
Other paved surface;Unpaved surface
Other paved surface;Unpaved surface
Unpaved surface
Other paved surface
Other paved surface
Unpaved surface
Street/curb and gutter
Surface water;Unpaved surface;Other (specify below)
Unpaved surface
Other paved surface;Separate storm drain;Street/curb and gutter
Unpaved surface
Building or structure
Other paved surface
Street/curb and gutter
Unpaved surface;Other (specify below)
Building or structure
Street/curb and gutter
Separate storm drain
Storm drain;Street/curb and gutter
Unpaved surface
Other (specify below)
Building or structure
Other (specify below)
Unpaved surface;Other (specify below)
Street/curb and gutter;Surface water
Other (specify below)
Other (specify below)
Other paved surface
Unpaved surface
Unpaved surface
Street/curb and gutter
Separate storm drain;Street/curb and gutter
Other (specify below)
Other (specify below)
Building or structure
Separate storm drain
Storm drain;Street/curb and gutter;Other (specify below)
Storm drain
Other (specify below)
Separate storm drain;Street/curb and gutter
Storm drain
Storm drain
Storm drain;Surface water;Unpaved surface
Other (specify below)
Street/curb and gutter
Storm drain;Surface water;Unpaved surface

Inside the house through the bathroom onto the floor

Ocean

Spill dried on pavement

Inside house bathroom floor (carpet,Wood). House did not have back flow prevention device.
spill went into stormdrain that runs out into dirt area never made it to ocean also noted the pavement or sidewalk is mo
Portion of spill had soaked into the ground, some had work it way to the surface where ther was eveidence of spill on the

Pavement around manhole, wash and vacum area
The spill made it to the creek/drainage ditch below.
Ground (dirt)

contained to street surface

vacant lot and gravel area, private property

unpaved driveway / side yard
SIDE YARD AND BACKYARD

lawn area around cleanout\overflow device
Unpaved driveway / lawn area / storm drain

contained to driveway and garage areas
driveway and garage area

50 gallons entered v-ditch and about 10 gallons enter storm drain
enter ed opened storm drain system and piped to field area
contained to bathtub, toilet and basement area

strom drain becomes open creek near park and drainage channel

Pond at eastern end of Vine Hill Creek, east of Interstate 680

Peyton Slough

11/8/2009 14:45	11/8/2009 14:45	11/8/2009 15:15	11/8/2009 15:22
11/10/2009 8:11	11/10/2009 8:11	11/10/2009 8:30	11/10/2009 8:35
3/13/2010 16:34	3/13/2010 16:34	3/13/2010 17:30	3/13/2010 17:38
4/22/2010 10:20	4/22/2010 10:20	4/22/2010 10:50	4/22/2010 11:20
5/13/2010 9:54	5/13/2010 9:54	5/14/2010 13:00	5/14/2010 13:00
2/10/2010 14:45	2/10/2010 14:45	2/10/2010 15:00	2/10/2010 15:00
6/14/2010 13:37	6/14/2010 13:41	6/14/2010 14:15	6/14/2010 14:15
6/21/2010 8:20	6/21/2010 8:20	6/21/2010 8:45	6/21/2010 8:50
11/4/2010 18:09	11/4/2010 18:09	11/4/2010 18:50	11/4/2010 19:00
12/27/2010 15:30	12/27/2010 15:30	12/27/2010 15:45	12/27/2010 16:00
3/15/2011 12:27	3/15/2011 12:27	3/15/2011 12:45	3/15/2011 12:55
4/9/2011 13:16	4/9/2011 13:16	4/9/2011 14:00	4/9/2011 14:31
7/21/2011 9:29	7/21/2011 9:29	7/21/2011 10:06	7/21/2011 10:06
10/27/2011 11:28	10/27/2011 11:28	10/27/2011 11:45	10/27/2011 11:50
1/2/2012 11:20	1/2/2012 11:20	1/2/2012 12:15	1/2/2012 14:20
5/18/2012 11:14	5/18/2012 11:14	5/18/2012 11:20	5/18/2012 12:40
5/29/2012 10:40	5/29/2012 10:40	5/29/2012 10:40	5/29/2012 14:40
12/1/2012 13:48	12/1/2012 13:48	12/1/2012 14:20	12/1/2012 13:48
12/17/2012 17:40	12/17/2012 17:40	12/17/2012 18:20	12/17/2012 18:35
3/17/2013 8:55	3/17/2013 9:00	3/17/2013 9:25	3/17/2013 9:30
6/5/2007 12:15	6/5/2007 12:15	6/5/2007 12:25	6/5/2007 12:30
8/24/2007 8:20	8/24/2007 8:20	8/24/2007 8:30	8/24/2007 9:00
9/5/2007 7:38	9/5/2007 7:38	9/5/2007 7:55	9/5/2007 8:00
10/18/2007 19:30	10/20/2007 19:30	10/20/2007 20:00	10/20/2007 20:30
12/1/2007 15:00	12/1/2007 15:30	12/1/2007 16:15	12/1/2007 16:00
11/12/2007 17:50	11/12/2007 17:50	11/12/2007 18:00	11/12/2007 18:00
12/26/2007 9:30	12/26/2007 10:00	12/26/2007 10:15	12/26/2007 11:00
12/26/2007 11:40	12/26/2007 11:40	12/26/2007 12:15	12/26/2007 13:00
1/4/2008 10:55	1/4/2008 10:55	1/4/2008 11:15	1/4/2008 14:30
12/5/2007 14:00	12/5/2007 14:30	12/5/2007 14:45	12/5/2007 13:00
1/15/2008 10:21	1/15/2008 10:21	1/15/2008 10:30	1/15/2008 10:21
1/2/2008 21:00	1/2/2008 21:00	1/2/2008 21:30	1/2/2008 21:45
2/14/2008 16:37	2/14/2008 16:37	2/14/2008 16:45	2/14/2008 17:15
2/23/2008 8:00	2/23/2008 10:03	2/23/2008 10:30	2/23/2008 12:50
2/18/2008 11:00	2/18/2008 11:00	2/18/2008 11:20	2/18/2008 11:30
2/19/2008 21:30	2/19/2008 21:30	2/19/2008 22:00	2/20/2008 1:00
2/20/2008 18:05	2/20/2008 18:05	2/20/2008 18:15	2/20/2008 20:15
3/1/2008 10:30	3/1/2008 10:30	3/1/2008 11:00	3/1/2008 11:30
3/1/2008 10:30	3/1/2008 10:30	3/1/2008 11:00	3/1/2008 11:30
3/4/2008 11:32	3/4/2008 11:32	3/4/2008 12:00	3/4/2008 12:15
4/11/2008 7:30	4/11/2008 7:32	4/11/2008 7:45	4/11/2008 8:10
7/16/2008 11:55	7/16/2008 11:55	7/16/2008 12:05	7/16/2008 12:05
7/24/2008 7:20	7/24/2008 7:39	7/24/2008 7:55	7/24/2008 8:00
8/5/2008 7:30	8/5/2008 7:34	8/5/2008 7:45	8/5/2008 7:30
9/27/2008 10:30	9/27/2008 10:40	9/27/2008 11:05	9/27/2008 11:30
12/8/2008 6:00	12/10/2008 12:00	12/10/2008 12:10	12/10/2008 14:00
12/19/2008 9:11	12/19/2008 9:45	12/19/2008 9:50	12/19/2008 10:11
1/4/2009 7:00	1/5/2009 10:10	1/5/2009 10:10	1/5/2009 10:15
1/10/2009 12:15	1/10/2009 12:30	1/10/2009 12:45	1/10/2009 13:00
1/18/2009 7:00	1/19/2009 13:15	1/19/2009 13:15	1/21/2009 15:00
1/28/2009 11:00	1/28/2009 14:00	1/28/2009 14:05	1/28/2009 14:21
4/12/2009 12:00	4/13/2009 10:35	4/13/2009 10:25	4/13/2009 12:26
5/29/2009 15:56	5/29/2009 15:56	5/29/2009 16:05	5/29/2009 17:20
8/25/2009 15:00	8/25/2009 15:20	8/25/2009 15:20	8/25/2009 15:57
10/27/2009 20:00	10/27/2009 22:00	10/27/2009 22:00	10/27/2009 23:15

Root intrusion
Root intrusion
Pump station failure
Debri-Rags
Pipe structural problem/failure
Pipe structural problem/failure
Pipe structural problem/failure
Pump station failure
Root intrusion
Root intrusion
Root intrusion
Pipe structural problem/failure
Pipe structural problem/failure
Root intrusion
Debri-Rags
Other (specify below)
Pipe structural problem/failure
Root intrusion
Grease deposition (FOG)
Debri-Rags
Other (specify below)
Root intrusion
Other (specify below)
Other (specify below)
Other (specify below)
Other (specify below)
Other (specify below)
Grease deposition (FOG)
Rainfall exceeded design
Grease deposition (FOG)
Other (specify below)
Other (specify below)
Other (specify below)
Pipe structural problem/failure
Debris
Other (specify below)
Other (specify below)
Other (specify below)
Other (specify below)
Other (specify below)
Grease deposition (FOG)
Other (specify below)
Other (specify below)
Other (specify below)
Other (specify below)
Grease deposition (FOG)
Grease deposition (FOG)
Pump station failure
Grease deposition (FOG)
Pipe structural problem/failure
Other (specify below)
Root intrusion
Other (specify below)
Other (specify below)
Other (specify below)

Some grease and rags were found along with the root intrusion.

Combination of grease and rags
Lateral broken off main line due to main line movement.
Lateral broke off Main line due to Main line movement
Grinder pump force lateral broken
House grinder pump broke,which resulted in sewer back up out pump box.

Roots in pipe from fualty joints and broken piece of pipe
pipe came out of slip joint causing spill

zero recovery due to it drying up on the pavement

investigation will continue to determine what caused blockage.

Blockage in main line broke on its own before we arrived. Found heavy roots in the main while we were flushing.

no recovery due to it spilling on ground and drying up
unknown blockage

unknown blockage in line, surcharged manhole
unknown blockage in mainline
at this time it appears that roots may have been a contributing factor
unknown blockage
unknown blockage
Grease and Grit
the spill occurred due to infiltration and inflow (I&I)from the heavy rains that we experienced in a few hours.once the rain s

during regular line maintenance, home experinced back pressure into shower
unknown blockage in mainline
unknown blockage

partial blockage in mainline thought to be debris
found to be a partial blockage due to a sewer balloon lodged in the mainline. unknowed where this originated from. this wa
undetermined partial blockage
unknown blockage
unknown blockage
foreign object found in pipe leading into the manhole causing partial blockage

unknown blockage
unknown blockage
backup caused by blockage in mainline
unknown blockage

Pipe structural failure caused by the failure of underlying storm drain
The spill was due to blockage caused by tree roots. The District understands that a private contractor recently conducted

During construction by PG&E to uncover broken water main the gravity sewer was struck by the backhoe operator.
Contra Costa Water District (CCWD) cracked our mainline during their repair work and caused the spill.
Grease and roots

Main
Main
Main

Main

Main
Main
Main
Main
Lower Lateral
Main
Main
Main
Main
Main
Main
Main
Main
Main
Main

Main
Main
Main

subsided the system was able to handle the I&I.
Main

Main

as the cause of the previous days blockage alsc

Main
Main

Main
Main
Main
Main

Main
Main

Main
Main

Main line pipe joints

slip joint came off pipe
Failure occcured aprox. 1.5 feet from the grinder pump due to ground movement. There was a slight speperation in the di

Heavy roots in main

)

12 vcp

1 pvc

scharge line causing the spil PVC

6 vcp
6 VCP
8 vcp

6 clay

6 clay

6 VC

40
30

50

Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Contained all or portion of spill
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow
Cleaned-up (mitigated effects of spill);Restored flow
Cleaned-up (mitigated effects of spill)
Restored flow
Restored flow
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow
Inspected sewer using CCTV to determine cause;Restored flow
Restored flow
Other (specify below)
Restored flow
Contained all or portion of spill;Restored flow
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow;Returned all or portion of spill to sani
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow;Returned all or portion of spill to sani
Restored flow
Other (specify below)
Other (specify below)
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Returned all or portion of spill to sanitary sewer syst
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Returned all or portion of spill to sanitary sewer syst
Other (specify below)
Cleaned-up (mitigated effects of spill)
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill
Cleaned-up (mitigated effects of spill);Inspected sewer using CCTV to determine cause
Cleaned-up (mitigated effects of spill)
Other (specify below)
Cleaned-up (mitigated effects of spill);Restored flow
Cleaned-up (mitigated effects of spill);Returned all or portion of spill to sanitary sewer system
Cleaned-up (mitigated effects of spill)
Cleaned-up (mitigated effects of spill)
Cleaned-up (mitigated effects of spill)
Cleaned-up (mitigated effects of spill)
Cleaned-up (mitigated effects of spill)
Contained all or portion of spill;Returned all or portion of spill to sanitary sewer system
Restored flow
Cleaned-up (mitigated effects of spill)
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Returned all or portion of spill to sanitary sewer syst
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Other (specify below)
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow;Returned all or portion of spill to sani
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow;Returned all or portion of spill to sani
Cleaned-up (mitigated effects of spill);Restored flow;Returned all or portion of spill to sanitary sewer system;Other (specif
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Returned all or portion of spill to sanitary sewer syst
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow;Returned all or portion of spill to sani
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow;Returned all or portion of spill to sani
Restored flow;Other (specify below)
Cleaned-up (mitigated effects of spill);Restored flow
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow;Returned all or portion of spill to sani

Private Restoration company responded to spill response clean up.

excavated out area wher spill appeared to be comming from. Replaced section of line to correct problem

n/a

small amount of water in basement area, owner declined cleanup services
not enough to recover allowed to dry, picked up small amount of debris. return later and washed area with small amount (

initial cleanup and ongoing remediation is in progress

Called contractor to clean landscaped area

2 gallons soaked into ground before recover was made- cleaned up small amount of debris at overflow site

Cleaned sewer mainline from manhole #E04009 to manhole #E04008

cleaned and flushed road surface in affected area

Canal service road served as a flow barrier to contain the spill. Flushed with 56,000 gallons of advanced secondary UV-(

Video inspection to be completed in near future

emergency repairs were made to restore integrity of pipe

3/13/2010 19:03
4/23/2010 0:01

4/9/2011 14:31

5/29/2012 14:40

12/17/2012 18:35

10/23/2007 15:00

12/26/2007 13:30
12/26/2007 14:00

2/15/2008 0:00
2/23/2008 15:00

4/11/2008 9:25
7/16/2008 2:00

9/27/2008 12:15
12/12/2008 11:00

1/7/2009 16:00
1/10/2009 13:30
1/22/2009 14:00

4/24/2009 16:30
5/29/2009 18:00

11/6/2009 12:00

Other (specify below)
Plan rehabilitation or replacement of sewer

Repaired sewer

Plan rehabilitation or replacement of sewer;Repaired sewer

Added sewer to preventive maintenance program

Adjusted schedule/method of preventive maintenance

Other (specify below)
Other (specify below)

Adjusted schedule/method of preventive maintenance
Other (specify below)

Other (specify below)
Adjusted schedule/method of preventive maintenance

Adjusted schedule/method of preventive maintenance
Adjusted schedule/method of preventive maintenance;Other (specify below)

Other (specify below)
Adjusted schedule/method of preventive maintenance
Repaired sewer;Other (specify below)

Other (specify below)
Repaired sewer

Other (specify below)

Repaired lift station failure

Line is on our Root foaming treatment program
operators believe recent road (Chip seal) may have caused the problem

still under investigation and will report at a later date

Evaluate for possible addition to preventive maintenance program.

CCTV line to determine condition

Replaced failed pump control device. Modifications to the pump control system that will provide additional control redunc

Informed Contra Costa County of the deteriorating, failed storm drain

Added to root control program

Reviewing SSO pattern in the area and investigating preventative maintenance schedule

Yes
No

No

Yes

No

No

Yes
Yes

Yes
No

Yes
No

No
Yes

Yes
No
No

Yes
No

No

no receiving

n/a

no visible affect to the surronding area

no impacts
No visual impact.
no impact water evaporated in Catch basin

NO RECEIVING WATERS IMPACTED
no impacts
no impacts
NA

none affected
none impacted
none impacted
none
none
no impacts

no impacts
no receiving waters impacted

No visual evidence
Discoloration and fish mortality. No floatable or settable debris. No foul odor.

Did not reach receiving water

no visible impacts noted, spilled entered storm drain system with no public contact.

No
No

No

No

No

Yes

Yes
No

Yes
Yes

Yes
Yes

Yes
Yes

Yes
No
Yes

Yes
Yes

Yes

NA
NA

n/a
no impacted beaches

n/a

NA
NA

NA
NA

NA
NA

NA
NA

NA
NA

NA
NA
NA

NA
N/A

NA

Pacific Ocean
Storm drain that leads to pacific Ocean

None

n/a
no impacted surface waters

Drainage ditch that leads to Pacific ocean

pacific ocean

NA
NA

unknow destination
NA

unknown destination
creek located near Howe Rd \ Peyton Slough

unknown destination
unknown destination

unknown destination
Vinehill Creek

Vine Hill Creek and downstream marsh pond at eastern end of Vine Hill Creek, east of Interstate 680
Unknown Destination
NA

Peyton Creek Peyton Slough
Peyton Slough

Peyton Creek

No water quality samples taken
Not applicable to this spill

Not applicable to this spill

Other (specify below)

No water quality samples taken

Not applicable to this spill

Other (specify below)
No water quality samples taken

No water quality samples taken
Other (specify below)

No water quality samples taken
Not applicable to this spill

No water quality samples taken
Dissolved oxygen;Other chemical indicator(s) - specify below;Biological indicator(s) - specify below

Dissolved oxygen;Other chemical indicator(s) - specify below;Biological indicator(s) - specify below;Other (specify below)
Not applicable to this spill
Biological indicator(s) - specify below

Dissolved oxygen;Other chemical indicator(s) - specify below;Biological indicator(s) - specify below
No water quality samples taken

Dissolved oxygen;Other chemical indicator(s) - specify below;Biological indicator(s) - specify below

Enterolert, Colilert

n/a

No downstream Waters found

coliform, ammonia and DO

Ammonia, Total Coliform

Ammonia, total coliform, pH, conductivity, temperature

Coliform

Ammonia Conductivity pH Total coliform temperature

pH, ammonia, coliform

None of the above
Not applicable to this spill

None of the above

County Health Agency

None of the above

Not applicable to this spill

County Health Agency;Regional Water Quality Control Board
County Health Agency

None of the above
None of the above

No water quality samples taken
None of the above

No water quality samples taken
None of the above

None of the above
Not applicable to this spill
None of the above

None of the above
No water quality samples taken

None of the above

will be report at a later date sample taken 2/23/2008

101769	3/13/2010 18:49
102541	4/23/2010 0:20
112268	4/9/2011 16:37
123151	5/29/2012 11:45
127753	12/19/2012 15:20
76422	10/20/2007 23:15
77930	12/26/2007 15:15
77941	12/27/2007 10:40
81350	2/14/2008 19:48
81526	2/23/2008 10:22
81408	2/18/2008 16:15
82718	4/11/2008 8:50
85214	7/16/2008 12:55
85393	7/24/2008 8:29
87011	9/27/2008 12:20
8881	12/10/2008 13:41
89018	12/19/2008 10:52
90069	1/5/2009 11:54
90208	1/10/2009 13:57
90437	1/19/2009 15:44
90843	1/28/2009 15:08
92952	4/13/2009 12:05
94016	5/29/2009 17:44
95897	8/25/2009 16:52
97254	10/27/2009 23:33

2SSO10158	Active	746985	Dale W. Riddle	Certified
2SSO10158	Active	747453	Dale W. Riddle	Certified
2SSO10158	Active	748236	Dale W. Riddle	Certified
2SSO10158	Active	749185	Dale W. Riddle	Certified
2SSO10158	Active	751058	Dale W. Riddle	Certified
2SSO10158	Active	751075	Mike Roderick	Certified
2SSO10158	Active	754718	Dale W. Riddle	Certified
2SSO10158	Active	756645	Dale W. Riddle	Certified
2SSO10158	Active	757663	Dale W. Riddle	Certified
2SSO10158	Active	763352	Dale W. Riddle	Certified
2SSO10158	Active	763678	Dale W. Riddle	Certified
2SSO10158	Active	763680	Dale W. Riddle	Certified
2SSO10158	Active	765336	Dale W. Riddle	Certified
2SSO10158	Active	770074	Michael Roderick	Certified
2SSO10158	Active	772701	Dale W. Riddle	Certified
2SSO10158	Active	772702	Dale W. Riddle	Certified
2SSO10158	Active	772711	Dale W. Riddle	Certified
2SSO10158	Active	773547	Dale W. Riddle	Certified
2SSO10158	Active	773549	Dale W. Riddle	Certified
2SSO10158	Active	774244	Dale W. Riddle	Certified
2SSO10158	Active	777388	Dale W. Riddle	Certified
2SSO10158	Active	778572	Dale W. Riddle	Certified
2SSO10158	Active	788235	Dale W. Riddle	Certified
2SSO10158	Active	788347	Dale W. Riddle	Certified
2SSO10158	Active	788779	Michael Roe	Certified
2SSO10158	Active	788804	Dale W. Riddle	Certified
2SSO10158	Active	788806	Dale W. Riddle	Certified
2SSO10158	Active	792045	Dale W. Riddle	Certified
2SSO10158	Active	792909	Dale W. Riddle	Certified
2SSO10158	Active	792911	Dale W. Riddle	Certified
2SSO10158	Active	796381	Dale W. Riddle	Certified
2SSO10158	Active	796668	Dale W. Riddle	Certified
2SSO10158	Active	799272	Michael Roe	Certified
2SSO10159	Active	706881	Greg Dawson	Certified
2SSO10159	Active	708247	Greg Dawson	Certified
2SSO10159	Active	709026	Greg Dawson	Certified
2SSO10159	Active	710205	Greg Dawson	Certified
2SSO10159	Active	710270	Greg Dawson	Certified
2SSO10159	Active	710560	Greg Dawson	Certified
2SSO10159	Active	710749	Greg Dawson	Certified
2SSO10159	Active	710821	Greg Dawson	Certified
2SSO10159	Active	710830	Greg Dawson	Certified
2SSO10159	Active	712079	Greg Dawson	Certified
2SSO10159	Active	712733	Greg Dawson	Certified
2SSO10159	Active	716182	Greg Dawson	Certified
2SSO10159	Active	731258	Greg Dawson	Certified
2SSO10159	Active	733854	Greg Dawson	Certified
2SSO10159	Active	735665	Greg Dawson	Certified
2SSO10159	Active	735666	Greg Dawson	Certified
2SSO10159	Active	735858	Greg Dawson	Certified
2SSO10159	Active	736460	Greg Dawson	Certified
2SSO10159	Active	743367	Greg Dawson	Certified
2SSO10159	Active	745659	Greg Dawson	Certified
2SSO10159	Active	746999	Greg Dawson	Certified
2SSO10159	Active	749566	Greg Dawson	Certified

Operations Manager
Operations Manager
Operations Manager
Operations Manager
Operations Manager
Senior Operator
Operations Manager
Maintenance\SSMP Coordinator
SSMP/Maintenance Coordinator
Maintenance Cooridnator
Maintenance Cooridinator
Maintenance Cooridnator
SSMP\Maintenance Cooridinator
Wastewater Operations Supervisor
SSMP/Maintenance Coordinator
SSMP/Maintenance Cooridinator
Maintenance Coordinator
SSMP/Maintenance Coordinator
SSMP/Maintenance Coordinator
Maintenance Coordinator
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District Manager
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Martinez CA	758755
Martinez Ca	330127
Martinez CA	591239
Martinez CA	736894
Martinez CA	314138
Martinez Ca	212207
Martinez CA	415512
Martinez CA	741871
Martinez CA	808842
Martinez CA	739180
Martinez CA	704917
Martinez CA	393517
MArtinez CA	208045
Mt. View Sanitary District, Martinez,Ca	429992
Martinez CA	922160
Martinez CA	163385
Martinez CA	564438
Martinez CA	147226
Martinez CA	854323
Martinez CA	647797
Martinez CA	386375
Martinez CA	838296
Martinez CA	615444
Martinez CA	543158
Martinez, CA	967228
Martinez CA	435345
Martinez CA	329266
Martinez CA	264650
Martinez CA	191665
Martinez CA	933267
Martinez	484463
Martinez CA	857210
Martinez, Ca	789022
935 Hartle Ct Napa, CA	110013
Napa Sanitation Office	698794
935 Hartle Ct, Napa, CA	117136
935 Hartle Ct, Napa	661639
935 Hartle Ct. Napa, CA 94559	833705
935 Hartle Ct, Napa, CA 94559	523815
935 Hartle Ct, Napa, CA	733869
935 Hartle Ct. Napa, CA	572104
935 Hartle Ct. Napa, CA	605317
935 Hartle Ct, Napa, CA 94559	659922
935 Hartle Ct	575162
935 Hartle Ct, Napa, CA 94559	616664
935 Hartle Ct, Napa Ca	646612
Napa Sanitation District 935 Hartle Ct	485130
935 Hartle Ct, Napa	400502
935 Hartle Ct, Napa	529548
935 Hartle Ct, Napa	751790
935 Hartle Ct, Napa	745104
935 Hartle Ct, Napa, CA	666368
935 Hartle Ct Napa CA	842469
935 Hartle Ct, Napa, CA 94559	458942
935 Hartle Ct, Napa, CA 94559	819467

23-Nov-09		11-Dec-09	12/11/2009
11-Dec-09		11-Dec-09	12/11/2009
8-Jan-10		8-Jan-10	1/8/2010
8-Feb-10		8-Feb-10	2/8/2010
29-Mar-10		29-Mar-10	3/29/2010
29-Mar-10		29-Mar-10	3/29/2010
12-Jul-10	7/12/2010	12-Jul-10	7/12/2010
7-Sep-10	9/7/2010	7-Sep-10	9/7/2010
13-Oct-10	10/13/2010	13-Oct-10	10/13/2010
22-Feb-11	2/22/2011	22-Feb-11	2/22/2011
24-Feb-11	2/24/2011	24-Feb-11	2/24/2011
24-Feb-11	2/24/2011	24-Feb-11	2/24/2011
11-Apr-11	4/11/2011	11-Apr-11	4/11/2011
22-Aug-11	8/22/2011	22-Aug-11	8/22/2011
3-Nov-11	11/3/2011	3-Nov-11	11/3/2011
3-Nov-11	11/3/2011	3-Nov-11	11/3/2011
3-Nov-11	11/3/2011	3-Nov-11	1/10/2012
29-Nov-11	11/29/2011	29-Nov-11	11/29/2011
29-Nov-11	11/29/2011	29-Nov-11	11/29/2011
16-Dec-11	12/16/2011	19-Dec-11	12/19/2011
13-Feb-12	2/13/2012	13-Feb-12	2/13/2012
12-Mar-12	3/12/2012	12-Mar-12	3/12/2012
19-Nov-12	11/19/2012	19-Nov-12	11/19/2012
26-Nov-12	11/26/2012	26-Nov-12	11/26/2012
5-Dec-12	12/5/2012	5-Dec-12	12/11/2012
5-Dec-12	12/5/2012	5-Dec-12	12/5/2012
5-Dec-12	12/5/2012	5-Dec-12	12/5/2012
25-Feb-13	2/25/2013	25-Feb-13	2/25/2013
26-Mar-13	3/26/2013	26-Mar-13	3/26/2013
26-Mar-13	3/26/2013	26-Mar-13	3/26/2013
2-Jul-13	7/2/2013	2-Jul-13	7/2/2013
10-Jul-13	7/10/2013	10-Jul-13	7/10/2013
30-Sep-13	9/30/2013	11-Oct-13	10/11/2013
30-Oct-07		30-Oct-07	10/30/2007
27-Nov-07		3-Dec-07	12/3/2007
12-Dec-07		12-Dec-07	12/12/2007
21-Dec-07		21-Dec-07	12/21/2007
26-Dec-07		26-Dec-07	12/26/2007
31-Dec-07		31-Dec-07	12/31/2007
7-Jan-08		15-Jan-08	1/15/2008
7-Jan-08		15-Jan-08	1/15/2008
7-Jan-08		15-Jan-08	1/15/2008
30-Jan-08		30-Jan-08	1/30/2008
12-Feb-08		12-Feb-08	2/12/2008
15-Apr-08		15-Apr-08	4/15/2008
31-Dec-08		31-Dec-08	12/31/2008
18-Feb-09		18-Feb-09	2/18/2009
30-Mar-09		30-Mar-09	3/30/2009
30-Mar-09		30-Mar-09	3/30/2009
2-Apr-09		2-Apr-09	4/2/2009
17-Apr-09		17-Apr-09	4/17/2009
19-Aug-09		19-Aug-09	8/19/2009
15-Oct-09		5-Nov-09	11/5/2009
23-Nov-09		23-Nov-09	11/23/2009
22-Feb-10		22-Feb-10	2/22/2010

Category 3		173	173
Category 3		750	0
Category 3		20	20
Category 3		100	100
Category 3		70	70
Category 3		20	20
Category 3		930	930
Category 3		50	0
Category 3		10	10
Category 1		200	0
Category 3		268	268
Category 3		127	127
Category 3		250	250
Category 3		500	390
Category 1		68	68
Category 1		1578	1578
Category 3		20	20
Category 3		100	100
Category 3		25	25
Category 3		405	405
Category 3		40	0
Category 3		20	20
Category 3		5	0
Category 3		10	10
Category 1		38000	0
Category 3		100	50
Category 3		50	0
Category 2		2962	2962
Category 3		40	0
Category 1		8781	8781
Category 3		50	0
Category 3		4	0
Category 2	1092	1092	0
Category 2		3000	3000
Category 3		300	300
Category 3		90	90
Category 3		100	100
Category 3		160	160
Category 3		25	25
Category 1		15000	0
Category 1		1200	0
Category 1		12000	0
Category 3		20	20
Category 3		50	50
Category 3		25	20
Category 3		750	750
Category 1		600	0
Category 3		650	650
Category 3		15	15
Category 2		1200	1200
Category 3		25	25
Category 3		250	250
Category 3		35	35
Category 3		250	250
Category 3		65	65

0	No	No
0	No	No
0	No	No
0	No	No
0	No	No
0	No	No
0	No	Yes
0	No	No
0	No	No
50	Yes	Yes
0	No	Yes
0	No	Yes
0	No	No
0	No	Yes
68	Yes	Yes
1578	Yes	Yes
0	No	Yes
0	No	Yes
0	No	Yes
0	No	Yes
0	No	No
0	No	No
0	No	No
0	No	Yes
38000	Yes	Yes
0	No	No
0	No	No
0	No	Yes
0	No	No
8781	Yes	Yes
0	No	No
0	No	No
0	No	No
0	No	No
	No	No
	No	No
	No	No
	No	No
	No	No
15000	No	Yes
1200	No	Yes
12000	No	Yes
	No	No
	No	No
0	No	No
0	No	Yes
600	No	Yes
0	No	No
0	No	No
0	No	Yes
0	No	No
0	No	Yes
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0	No	Yes
0	No	No

Not Applicable - Spill did not reach storm drainpipe
Not Applicable - Spill did not reach storm drainpipe
Not Applicable - Spill did not reach storm drainpipe
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Yes
Not Applicable - Spill did not reach storm drainpipe
Not Applicable - Spill did not reach storm drainpipe
No
Yes
Yes
Not Applicable - Spill did not reach a separate storm drainpipe
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Not Applicable - Spill did not reach a separate storm drainpipe
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Not Applicable - Spill did not reach storm drainpipe
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Not Applicable - Spill did not reach storm drainpipe
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Not Applicable - Spill did not reach storm drainpipe
Yes
Not Applicable - Spill did not reach storm drainpipe

4025 Camino Vinedo
41 Austen Way
919 Veale Ave
26 Wygal Dr
497 Mt. View Dr
Shell Ave and Monterey ave Intersection
2610 Leslie Ave
1220 Oak Crest Ct
Starbucks
1030 Oak St
Morello Ave @ Rollinghill Way
2050 Elderwood Dr
4736 Pacheco Blvd
Arnold Drive nearest cross St, Starflower Dr
Morello Ave
1125 Breckenridge Ct
2811 Sycamore St
1338 Sante Fe Ave
1030 Oak St
620 Center ave
19 Goree Ct
216 Holiday Hills Dr
1049 Veterans Ct
Missouri St and Wayne St-intersection
Mt. View Sanitary District PS4
2621 Leslie Ave
2610 Leslie Ave
Morello Ave at Gilrix Dr
1134 Plaza Dr
163 Midhill
1051 Sierra Ave
216 Holiday Hills Dr
4999 Pacheco Blvd
1065 Terrace Dr Napa, CA 94559
Foxboro Dr
2516 Rollingwood Dr
1206 Nielson Dr
515 Coombs St
22 Monez Blvd
Scenic @ Larkin
3300 Browns Valley Road
Brown & Yount
1095 Terrace Dr
3036 Beard Rd
429 Montecito Blvd
Beecham St
Larkin @ Scenic
Raymond @ Plaza
Minahen @ Locust
3811 Oxford St
2185 W.Pueblo Ave
3552 Linda Vista
1902 Wise Dr
Harvard at Broadmoor
2006 Ida Street

38.010215	-122.093669	Contra Costa
38.004266	-122.014333	Contra Costa
38.006931	-122.115034	Contra Costa
38.013506	-122.103796	Contra Costa
38.000044	-122.124894	Contra Costa
38.008519	-122.120977	Contra Costa
38.007189	-122.115944	Contra Costa
37.984787	-122.106289	Contra Costa
37.99319	-122.119479	Contra Costa
38.008464	-122.117853	Contra Costa
37.989737	-122.10185	Contra Costa
37.987117	-122.095352	Contra Costa
38.002716	-122.082402	Contra Costa
37.99287	-122.08087	Contra Costa
37.998226	-122.10066	Contra Costa
37.99865	-122.100182	Contra Costa
38.00854	-122.114727	Contra Costa
38.011824	-122.111727	Contra Costa
38.00846	-122.11785	Contra Costa
37.99377	-122.11954	Contra Costa
38.010613	-122.098274	Contra Costa
37.994632	-122.091341	Contra Costa
37.99101	-122.11432	Contra Costa
38.00235	-122.120268	Contra Costa
38.005112	-122.0981138	Contra Costa
38.00738	-122.115936	Contra Costa
38.007008	-122.115994	Contra Costa
38.00769	-122.101813	Contra Costa
38.008991	-122.11254	Contra Costa
37.998342	-122.092679	Contra Costa
38.009914	-122.120945	Contra Costa
37.994632	-122.091342	Contra Costa
37.995128	-122.074931	Contra Costa
38.293861	122.269483	Napa
38.29455	122.270144	Napa
38.311256	122.322078	Napa
38.304508	122.270944	Napa
38.293872	122.284944	Napa
38.303983	122.266267	Napa
38.305586	122.32505	Napa
38.305258	122.331189	Napa
38.303631	122.290431	Napa
38.292489	122.269842	Napa
38.320525	122.293869	Napa
38.30085	122.266408	Napa
38.31818	-122.288535	Napa
38.309444	122.321389	Napa
38.302056	-122.274575	Napa
38.284494	-122.298475	Napa
38.325928	-122.3196	Napa
38.312117	-122.315647	Napa
38.321733	-122.351667	Napa
38.33278	-122.31429	Napa
38.30944	-122.34424	Napa
38.31051	-122.286	Napa

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S01003 RI located near 4025 Camino Vinedo

backed up into the basement through a toilet located in the basement
Martinez Shell Refinery Parking lot P4

E14039 easement manhole located at 1220 Oak Crest Ct
Starbucks located at 502 Center Ave Martinez Ca
Manhole W03012
intersection of Morello Ave and Rollinghill way

Manhole at street across from Mt.View Sanitary District pump station #3
Mh E04008 on Morello Ave near Midhill Rd
Mh E04009

Parking lot at Muir station apartments

MH E08008 located near 216 Holiday Hills Dr

Basement area of 2610 Leslie Ave
Crawl Space area of 2610 Leslie Ave

Easement area in rear of named property.
Manhole in street in front of address.

Parking lot of Dentist office
Rear yard of affected property off of sanitary sewer easement

From manhole near intersection
From manhole at intersection

Street in front of address
Cleanout for 2185 W.Pueblo Ave

1

Gravity sewer;Other sewer system structure
Other (specify)
Building or structure
Other sewer system structure
Other (specify)
Manhole
Gravity sewer
Manhole
Other (specify)
Manhole
Manhole
Manhole
Other (specify)
Manhole
Manhole
Manhole
Other (specify)
Building or structure;Other (specify)
Manhole
Manhole
Other (specify)
Manhole
Building or structure
Manhole
Pump station
Building or structure
Building or structure
Manhole
Other sewer system structure
Manhole
Building or structure
Manhole
Lateral Clean Out (Private)
Manhole
Manhole
Manhole
Manhole
Gravity sewer
Manhole
Manhole
Manhole
Manhole
Building or structure
Other sewer system structure
Other sewer system structure
Manhole
Manhole
Manhole
Manhole
Manhole
Gravity sewer
Other sewer system structure
Gravity sewer
Gravity sewer;Manhole
Gravity sewer;Other sewer system structure

Rodding Inlet S01003
cleanout \ overflow device

RI D01009
house lateral outside of 497 Mt. View Dr

overflow device located on Business

cleanout for private collector located near 4736 Pacheco Blvd in private driveway

E04009
located sewage in Storm Drain at this location
at lateral cleanout

Clean out at house

Building cleanout
E03009

Clean out

Bathroom in basement garage
Cleanout
cleanout for noted address

Main line flush hole
Plugged main appeared out of cleanout for address
Clean out on private property which is lower than manhole elevations

Street/curb and gutter
Unpaved surface;Other (specify below)
Building or structure
Unpaved surface
Street/curb and gutter
Street/curb and gutter
Storm drain
Unpaved surface
Unpaved surface;Other (specify below)
Unpaved surface;Other (specify below)
Separate storm drain
Separate storm drain
Street/curb and gutter
Other paved surface;Separate storm drain
Street/curb and gutter;Surface water
Separate storm drain;Street/curb and gutter;Surface water
Separate storm drain
Separate storm drain
Separate storm drain;Unpaved surface
Other paved surface;Street/curb and gutter;Unpaved surface
Other (specify below)
Street/curb and gutter
Unpaved surface
Separate storm drain;Street/curb and gutter
Other (specify below)
Building or structure
Building or structure
Other (specify below)
Unpaved surface;Other (specify below)
Street/curb and gutter;Surface water
Building or structure;Unpaved surface
Street/curb and gutter
Unpaved surface
Other (specify below)
Other (specify below)
Other (specify below)
Street/curb and gutter;Other (specify below)
Street/curb and gutter;Other (specify below)
Street/curb and gutter;Other (specify below)
Street/curb and gutter
Street/curb and gutter
Storm drain;Street/curb and gutter
Building or structure
Other paved surface;Other (specify below)
Unpaved surface;Other (specify below)
Storm drain
Storm drain;Street/curb and gutter
Street/curb and gutter
Street/curb and gutter
Storm drain;Street/curb and gutter
Street/curb and gutter
Storm drain
Street/curb and gutter
Street/curb and gutter
Street/curb and gutter

Spill affected sidewalk areas and gravel surfaces, ground surfaces under raised shed

landscape area next to building
portion entered Storm Drain to unknown destination, majority flowed to unpaved surface

Vine Creek

Landscaped area in rock garden

Pacheco Creek via Vine Creek

Storm drain to open drainage ditch
at dirt driveway to backyard sidewalk and lawn

Returned to Sanitatry Sewer
Initially washed into storm drain. Cleaned storm drain and vacuumed and returned to sanitary sewer
Returned to Sanitary Sewer
Recovered and returned to sanitary sewer system
Returned to sanitary sewer
Overflow onto street, cleaned up and returned to sanitary sewer

returned spill to sanitary sewer
Ran onto ground. Was able to return most to sanitary sewer

11/23/2009 9:30	11/23/2009 9:55	11/23/2009 10:08	11/23/2009 10:15
11/27/2009 10:00	11/27/2009 11:30	11/27/2009 11:45	11/27/2009 12:25
1/7/2010 15:30	1/7/2010 15:45	1/7/2010 16:10	1/7/2010 16:20
2/3/2010 9:30	2/3/2010 10:00	2/3/2010 10:20	2/3/2010 12:30
3/28/2010 1:00	3/29/2010 8:05	3/29/2010 8:30	3/29/2010 8:40
3/27/2010 15:20	3/27/2010 15:28	3/27/2010 16:15	3/27/2010 16:30
6/30/2010 13:00	6/30/2010 13:00	6/30/2010 13:00	7/1/2010 20:00
9/4/2010 12:15	9/7/2010 12:15	9/7/2010 12:35	9/7/2010 12:40
10/8/2010 7:00	10/8/2010 10:58	10/8/2010 11:15	10/8/2010 7:15
2/21/2011 19:15	2/21/2011 19:44	2/21/2011 20:15	2/21/2011 20:45
2/23/2011 11:00	2/23/2011 11:25	2/23/2011 11:50	2/23/2011 11:07
2/24/2011 10:00	2/24/2011 10:23	2/24/2011 10:35	2/24/2011 10:47
3/27/2011 14:24	3/27/2011 14:24	3/27/2011 14:34	3/30/2011 15:15
8/19/2011 21:13	8/19/2011 21:13	8/19/2011 22:31	8/19/2011 22:59
10/31/2011 14:25	10/31/2011 14:45	10/31/2011 14:55	10/31/2011 15:05
10/31/2010 15:05	10/31/2011 15:05	10/31/2011 15:05	10/31/2011 15:30
10/31/2011 13:00	11/2/2011 11:15	10/31/2011 11:15	11/3/2011 13:00
11/7/2011 20:33	11/7/2011 20:33	11/072011 21:15	11/7/2011 21:41
11/23/2011 14:00	11/23/2011 14:13	11/23/2011 14:35	11/23/2011 14:45
12/15/2011 17:45	12/15/2011 18:03	12/15/2011 18:30	12/15/2011 19:00
2/10/2012 14:00	2/10/2012 14:03	2/10/2012 14:10	2/10/2012 14:20
3/9/2012 13:00	3/9/2012 13:37	3/9/2012 13:45	3/9/2012 14:06
11/14/2012 16:00	11/14/2012 19:38	11/14/2012 20:40	11/14/2012 18:00
11/25/2012 10:33	11/25/2012 10:46	11/25/2012 11:05	11/25/2012 10:50
12/2/2012 8:00	12/2/2012 9:00	12/2/2012 9:00	12/2/2012 12:00
11/25/2012 13:00	11/26/2012 20:30	11/26/2012 21:10	11/26/2012 20:00
11/25/2012 13:00	11/26/2012 21:10	11/26/2012 21:10	11/26/2012 20:00
2/23/2013 10:40	2/23/2013 11:15	2/23/2013 12:05	2/23/2013 12:19
3/22/2013 16:00	3/23/2013 12:15	3/23/2013 13:15	3/23/2013 13:20
3/23/2013 8:00	3/24/2013 7:31	3/24/2013 8:00	3/24/2013 8:20
6/20/2013 13:55	6/20/2013 14:00	6/20/2013 14:35	6/20/2013 14:00
7/6/2013 20:00	7/6/2013 20:30	7/6/2013 21:17	7/6/2013 20:15
9/25/2013 17:00	9/27/2013 10:20	9/27/2013 10:30	9/26/2013 18:00
10/30/2007 11:30	10/30/2007 11:50	10/30/2007 12:00	10/30/2007 12:45
11/25/2007 18:00	11/25/2007 18:15	11/25/2007 18:45	11/25/2007 19:00
12/11/2007 9:00	12/11/2007 9:15	12/11/2007 9:35	12/11/2007 9:50
12/20/2007 11:00	12/20/2007 11:10	12/20/2007 11:15	12/20/2007 11:30
12/22/2007 14:30	12/22/2007 14:45	12/22/2007 15:30	12/22/2007 15:50
12/30/2007 12:00	12/30/2007 12:00	12/30/2007 12:10	12/30/2007 14:45
1/4/2008 9:00	1/4/2008 9:00	1/4/2008 9:00	1/4/2008 16:00
1/4/2008 13:00	1/4/2008 13:04	1/4/2008 13:10	1/4/2008 0:00
1/4/2008 11:00	1/4/2008 11:00	1/4/2008 11:00	1/4/2008 16:00
1/23/2008 8:40	1/23/2008 8:50	1/23/2008 9:00	1/23/2008 10:00
2/12/2008 11:00	2/12/2008 11:15	2/12/2008 11:30	2/12/2008 11:40
4/13/2008 9:00	4/13/2008 14:15	4/13/2008 14:55	4/13/2008 15:55
12/30/2008 13:45	12/30/2008 13:55	12/30/2008 14:00	12/30/2008 14:15
2/17/2009 10:30	2/17/2009 10:30	2/17/2009 10:30	2/17/2009 12:30
3/21/2009 18:45	3/21/2009 18:55	3/21/2009 19:20	3/21/2009 20:00
3/22/2009 12:00	3/22/2009 12:15	3/22/2009 12:45	3/22/2009 13:20
4/2/2009 6:42	4/2/2009 6:42	4/2/2009 7:00	4/2/2009 7:45
4/16/2009 20:00	4/16/2009 20:16	4/16/2009 20:30	4/16/2009 21:15
8/18/2009 19:00	8/18/2009 19:16	8/18/2009 19:40	8/18/2009 21:00
10/2/2009 19:29	10/2/2009 19:40	10/2/2009 20:05	10/2/2009 22:00
11/23/2009 10:00	11/23/2009 10:08	11/23/2009 10:15	11/23/2009 11:00
1/3/2010 15:15	1/3/2010 15:31	1/3/2010 16:00	1/3/2010 16:50

Other (specify below)
Debri-Rags
Grease deposition (FOG)
Other (specify below)
Grease deposition (FOG)
Other (specify below)
Pipe structural problem/failure
Other (specify below)
Pipe structural problem/failure
Debri-Rags
Grease deposition (FOG)
Grease deposition (FOG)
Other (specify below)
Grease deposition (FOG)
Debri-Rags
Other (specify below)
Pipe structural problem/failure
Grease deposition (FOG)
Debri-Rags
Root intrusion
Grease deposition (FOG)
Root intrusion
Other (specify below)
Root intrusion
Other (specify below)
Other (specify below)
Other (specify below)
Grease deposition (FOG)
Other (specify below)
Other (specify below)
Debri-General
Other (specify below)
Damage by Others Not Related to CS Construction/Maintenance (Specify Below)
Other (specify below)
Root intrusion
Grease deposition (FOG)
Root intrusion
Root intrusion
Root intrusion
Rainfall exceeded design
Rainfall exceeded design
Flow exceeded capacity
Root intrusion
Other (specify below)
Other (specify below)
Grease deposition (FOG)
Flow exceeded capacity
Debri-General
Debri-General
Grease deposition (FOG)
Grease deposition (FOG)
Grease deposition (FOG)
Debri-General
Grease deposition (FOG)
Grease deposition (FOG)

unknown blockage

grease and roots

Unknown cause

small amount of roots and FOG noted

lateral found not connected to reconstructed mainline
reduced original estimate reported to OES due to more accurate information.

screen used in channel became loose and caused blockage

Root intrusion and flushable wipes at manhole V03006

Vine Creek flows rose above creek banks and inundated manholes. Unprecedented high flows in creek not expected from
possible soft plug and surcharge of mainline, blockage was cleared prior to MVSD arrival
possible soft plug and surcharge of mainline, blockage was cleared prior to MVSDs arrival

Debris and Roots
Debris and Roots

Grease Roots Rags
found ainline o be damaged by horozontial directional drilling
Inflatable plug stuck in line.
Heavy roots from joints in manhole.

Large rocks in sanitary sewer line
Unknow blockage

Old pnuematic plug and portion of CIPP lateral liner caught in main.

Main

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Gravity Mainline

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possible soft plug and surcharge of mainline, blockage was cleared prior to MVSD arrival
possible soft plug and surcharge of mainline, blockage was cleared prior to MVSDs arrival

Sag in main that caused grease build up

	6
	8 ACP
	8
	8 AC
	8 vcp
No	6 VCP 8 ACP
	6 ACP 8 VCP 8 VCP 8 VCP 8 ACP 10 ACP 20 ACP 6 VCP
	6 ACP 8 ACP 8 ACP 8 CIPP 10 VCP 6 ACP 7 HDPE 6 ACP 6 ACP 8 ACP 6 VCP

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Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow;Returned all or portion of spill to sanit
Cleaned-up (mitigated effects of spill);Restored flow
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow;Returned all or portion of spill to sanit
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow;Returned all or portion of spill to sanit
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow;Returned all or portion of spill to sanit
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow;Other (specify below)
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Restored flow
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Restored flow
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow;Returned all or portion of spill to sanit
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow;Returned all or portion of spill to sanit
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Restored flow;Returned all or portion of spill to sanitary sewer system
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow;Returned all or portion of spill to sanit
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow;Returned all or portion of spill to sanit
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow;Returned all or portion of spill to sanit
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow;Returned all or portion of spill to sanit
Restored flow;Other (specify below)
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow;Returned all or portion of spill to sanit
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow;Returned all or portion of spill to sanit
Other (specify below)
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow
Cleaned-up (mitigated effects of spill);Contained all or portion of spill
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow;Returned all or portion of spill to sanit
Cleaned-up (mitigated effects of spill);Restored flow
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow;Returned all or portion of spill to sanit
Cleaned-up (mitigated effects of spill);Restored flow
Restored flow;Other (specify below)
Cleaned-Up;Mitigated Effects of Spill;Restored flow
Cleaned-up (mitigated effects of spill);Restored flow;Returned all or portion of spill to sanitary sewer system
Cleaned-up (mitigated effects of spill);Inspected sewer using CCTV to determine cause;Restored flow;Returned all or por
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow;Returned all or portion of spill to sanit
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow;Returned all or portion of spill to sanit
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow;Returned all or portion of spill to sanit
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow;Returned all or portion of spill to sanit
Cleaned-up (mitigated effects of spill)
Cleaned-up (mitigated effects of spill)
Cleaned-up (mitigated effects of spill)
Cleaned-up (mitigated effects of spill);Inspected sewer using CCTV to determine cause;Restored flow;Returned all or por
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow;Returned all or portion of spill to sanit
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow;Returned all or portion of spill to sanit
Cleaned-up (mitigated effects of spill);Contained all or portion of spill
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Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow;Returned all or portion of spill to sanit
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow;Returned all or portion of spill to sanit
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R

flushed and recovered effected area

Flushed and recovered 1500 gallons water

repaired mainline segment W02018 W02017

District staff responded and cleared blockage. staff recovered all of the overflow. Flushed storm drain with 1297 gallons a
followup cleaning to occur

Warning signs posted, onsite pump station monitoring during storm event, additionial sampling after event as described l

dammed ditch with sandbags, recovered overflow and flush water back to nearby manhole located behind 3610 Pacheco

recovery pumps setup down stream of where storm drain enters Vine Creek. stopped flow of creek by dam on private pro

homeowner hosed down area prior to MVSD onsite, area was dry, including curb and gutter. restored flow to mainline

Cleaned spill , and storm drain, vacuumed all wastewater and wash water and returned to sanitary sewer system
Washed down area and vacuumed all sso and wash down water and returned to sanitary sewer

2/22/2011 14:00

8/20/2011 0:50
10/31/2011 20:20
10/31/2011 20:20

12/6/2012 17:00

2/23/2013 19:15

3/26/2013 16:00

9/27/2013 22:00
10/30/2007 16:20

1/4/2008 11:30
1/5/2008 9:00
1/5/2008 10:00

2/17/2009 14:30

4/2/2009 9:55

Adjusted schedule/method of preventive maintenance

Other (specify below)
Adjusted schedule/method of preventive maintenance
Other (specify below)

Other (specify below)

Adjusted schedule/method of preventive maintenance

Adjusted schedule/method of preventive maintenance

Inspected Sewer Using CCTV to Determine Cause;Other (specify below)
Adjusted schedule/method of preventive maintenance;Other (specify below)

Adjusted schedule/method of preventive maintenance;Enforcement action against FOG source;Plan rehabilitation or repl
Adjusted schedule/method of preventive maintenance;Plan rehabilitation or replacement of sewer
Adjusted schedule/method of preventive maintenance;Plan rehabilitation or replacement of sewer

Adjusted schedule/method of preventive maintenance;Enforcement action against FOG source;Plan rehabilitation or repl

Adjusted schedule/method of preventive maintenance

Reviewing SSO pattern in the area and investigating preventative maintenance schedule

training on screen tool used by crews

investigate causes of excessive flows through Vine Creek which inundated District owned manholes.

TV inspected mainline, mainline will be spot repaired at identifed location.
Removed blockage, CCTV affected sewer line.

No

No
No
No

Yes

Yes

No

Yes
Yes

Yes
Yes
Yes

No

No

no impacted receiving waters

no impacts
no receiving water impacted
No environmental impact
no impacts to receiving waters
no impacts to receiving waters
no impacts

no downstream impacts

spill contained to portion of Vine Creek by sandbags. no further visual impacts beyond the contained spill zone.

no impacts at this time
N/A
N/A

no impacts
none
none
NA
none
NA
NA
none
NA
no visual impacts
N/A
none

Yes

No
Yes
Yes

Yes

Yes

Yes

No

No
No
No

No

No

none

NA
n/a

N/A
N/A

N/A
NA
none
NA
N\A
NA
NA
none
NA
none
N/A
N\A

NA

NA
NA
NA

NA

NA

none
unknown destination from Storm Drain
unknown destination
unknown destination
NA
n/a
Vine Creek
Vine Creek
none affected at this time
N/A
N/A
None
N/A
NA
none
None
Vine Creek,Vine Creek Marsh, Pacheco Creek, Susuin Bay
NA
NA
none
NA
Vine Creek
N/A
N\A

NA

NA
NA
NA

NA

NA

No water quality samples taken

Not applicable to this spill
Dissolved oxygen;Biological indicator(s) - specify below
Dissolved oxygen;Biological indicator(s) - specify below

Dissolved oxygen;Other chemical indicator(s) - specify below;Biological indicator(s) - specify below

Dissolved oxygen;Other chemical indicator(s) - specify below;Biological indicator(s) - specify below

Dissolved oxygen;Other chemical indicator(s) - specify below;Biological indicator(s) - specify below

No water quality samples taken

No water quality samples taken
No water quality samples taken;Not applicable to this spill
No water quality samples taken

No water quality samples taken;Not applicable to this spill

No water quality samples taken

n/a
DO, enterococcus,PH, ammonia,
DO, PH Ammonia, Enterocouccus

pH, temperature, Ammonia, Enterococcus, Total Coliform, E.Coli

DO, Ammonia, Enterycacus

Ammonia, DO, Entercacus, pH

No water quality samples taken

None of the above
None of the above
None of the above

None of the above

None of the above

None of the above

None of the above

No water quality samples taken
No water quality samples taken;Not applicable to this spill
No water quality samples taken

None of the above

No water quality samples taken

full result have not come in
results are pending

Preliminary results not complete

Lab results still not complete at this time

upstream connections and duration

111066	2/21/2011 21:09
114952	8/19/2011 23:25
116505	10/31/2011 16:03
116506	10/31/2011 16:10
116536	11/2/2011 13:04
117416	12/15/2011 19:57
127302	12/2/2012 10:08
131138	2/23/2013 13:01
131775	3/24/2013 9:41
76684	10/30/2007 16:50
80458	1/15/2008 15:30
80459	1/15/2008 15:30
80460	1/15/2008 15:30
91415	2/18/2009 15:28
92694	4/2/2009 0:30

Dale W. Riddle 9252285635

2SSO10159	Active	749568	Greg Dawson	Certified
2SSO10159	Active	749794	Greg Dawson	Certified
2SSO10159	Active	754263	Greg Dawson	Certified
2SSO10159	Active	756656	Greg Dawson	Certified
2SSO10159	Active	757482	Greg Dawson	Certified
2SSO10159	Active	758101	Greg Dawson	Certified
2SSO10159	Active	759549	Greg Dawson	Certified
2SSO10159	Active	759963	Greg Dawson	Certified
2SSO10159	Active	762441	Greg Dawson	Certified
2SSO10159	Active	762956	Greg Dawson	Certified
2SSO10159	Active	764454	Greg Dawson	Certified
2SSO10159	Active	764455	Greg Dawson	Certified
2SSO10159	Active	764456	Greg Dawson	Certified
2SSO10159	Active	764457	Greg Dawson	Certified
2SSO10159	Active	764458	Greg Dawson	Certified
2SSO10159	Active	764459	Greg Dawson	Certified
2SSO10159	Active	764460	Greg Dawson	Certified
2SSO10159	Active	764462	Greg Dawson	Certified
2SSO10159	Active	764463	Greg Dawson	Certified
2SSO10159	Active	764465	Greg Dawson	Certified
2SSO10159	Active	764499	Greg Dawson	Certified
2SSO10159	Active	764779	Greg Dawson	Certified
2SSO10159	Active	764894	Greg Dawson	Certified
2SSO10159	Active	764896	Greg Dawson	Certified
2SSO10159	Active	764897	Greg Dawson	Certified
2SSO10159	Active	764898	Greg Dawson	Certified
2SSO10159	Active	764899	Greg Dawson	Certified
2SSO10159	Active	764900	Greg Dawson	Certified
2SSO10159	Active	764902	Greg Dawson	Certified
2SSO10159	Active	764904	Greg Dawson	Certified
2SSO10159	Active	764905	Greg Dawson	Certified
2SSO10159	Active	764906	Greg Dawson	Certified
2SSO10159	Active	764907	Greg Dawson	Certified
2SSO10159	Active	764908	Greg Dawson	Certified
2SSO10159	Active	765044	Greg Dawson	Certified
2SSO10159	Active	765121	Greg Dawson	Certified
2SSO10159	Active	765842	Greg Dawson	Certified
2SSO10159	Active	765844	Greg Dawson	Certified
2SSO10159	Active	765943	Greg Dawson	Certified
2SSO10159	Active	766537	Greg Dawson	Certified
2SSO10159	Active	766542	Greg Dawson	Certified
2SSO10159	Active	766951	Greg Dawson	Certified
2SSO10159	Active	766952	Greg Dawson	Certified
2SSO10159	Active	767120	Greg Dawson	Certified
2SSO10159	Active	767121	Greg Dawson	Certified
2SSO10159	Active	767516	Greg Dawson	Certified
2SSO10159	Active	767517	Greg Dawson	Certified
2SSO10159	Active	767519	Greg Dawson	Certified
2SSO10159	Active	768148	Greg Dawson	Certified
2SSO10159	Active	768149	Greg Dawson	Certified
2SSO10159	Active	770669	Greg Dawson	Certified
2SSO10159	Active	770757	Greg Dawson	Certified
2SSO10159	Active	770758	Greg Dawson	Certified
2SSO10159	Active	770761	Greg Dawson	Certified
2SSO10159	Active	770786	Greg Dawson	Certified

Collections System Supervisor
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935 Hartle Ct, Napa, CA 94559	516326
935 Hartle Ct, Napa, CA 94559	759354
935 Hartle Ct, Napa, CA 94559	119494
935 Hartle Ct, Napa Ca	195545
935 Hartle Ct, Napa, CA 94559	519145
935 Hartle Ct, Napa, CA 94559	122018
935 Hartle Ct, Napa, CA 94559	379397
935 Hartle Ct, Napa, CA 94559	486394
935 Hartle Ct	528601
935 Hartle Ct	105166
935 Hartle Ct, Napa, CA 94559	176852
935 Hartle Ct	729273
935 Hartle Ct	302115
935 Hartle Ct	801057
935 Hartle Ct	645134
935 Hartle Ct	621166
935 Hartle Ct	475903
935 Hartle Ct	295913
935 Hartle Ct	841680
935 Hartle Ct	861034
935 Hartle Cdt	978159
935 Hartle Ct	659942
935 Hartle Ct	876239
935 Hartle Ct	268670
935 Hartle Ct	460333
935 Hartle Ct	331868
935 Hartle Ct	569443
935 Hartle Ct	526076
935 Hartle Ct	693841
935 Hartle Ct	839593
935 Hartle Ct	872576
935 Hartle Ct	565682
935 Hartle Ct	867626
935 Hartle Ct	826161
935 Hartle Ct	392123
935 Hartle Ct	847915
935 Hartle Ct	669259
935 Hartle Ct	501718
935 Hartle Ct	614881
935 Hart;e Ct	613470
935 Hartle Ct	756248
935 Hartle Ct	563603
935 Hartle Ct	603107
935 Hartle Ct	516189
935 Hartle Ct	153368
935 Hartle Ct	423311
935 Hartle Ct	339438
935 Hartle Ct	288990
935 Hartle Ct	648823
935 Hartle Ct	386949
935 Hartle Ct	548258
935 Hartle Ct	511104
935 Hartle Ct	208048
935 Hartle Ct	947158
935 Hartle Ct	287702

22-Feb-10		22-Feb-10	2/22/2010
24-Feb-10		24-Feb-10	2/24/2010
1-Jul-10	7/1/2010	14-Jul-10	7/14/2010
8-Sep-10	9/8/2010	8-Sep-10	9/8/2010
11-Oct-10	10/11/2010	11-Oct-10	10/11/2010
25-Oct-10	10/25/2010	25-Oct-10	10/25/2010
19-Dec-10	12/19/2010	22-Dec-10	12/22/2010
29-Dec-10	12/29/2010	11-Jan-11	1/11/2011
3-Feb-11	2/3/2011	3-Feb-11	2/3/2011
14-Feb-11	2/14/2011	14-Feb-11	2/14/2011
17-Mar-11	3/17/2011	17-Mar-11	3/17/2011
17-Mar-11	3/17/2011	17-Mar-11	3/17/2011
17-Mar-11	3/17/2011	17-Mar-11	3/17/2011
17-Mar-11	3/17/2011	17-Mar-11	3/17/2011
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17-Mar-11	3/17/2011	17-Mar-11	3/17/2011
17-Mar-11	3/17/2011	17-Mar-11	3/17/2011
18-Mar-11	3/18/2011	18-Mar-11	3/18/2011
24-Mar-11	3/24/2011	5-Apr-11	4/5/2011
29-Mar-11	3/29/2011	29-Mar-11	3/29/2011
29-Mar-11	3/29/2011	29-Mar-11	3/29/2011
29-Mar-11	3/29/2011	29-Mar-11	3/29/2011
29-Mar-11	3/29/2011	29-Mar-11	3/29/2011
29-Mar-11	3/29/2011	29-Mar-11	3/29/2011
29-Mar-11	3/29/2011	29-Mar-11	3/29/2011
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29-Mar-11	3/29/2011	29-Mar-11	3/29/2011
29-Mar-11	3/29/2011	29-Mar-11	3/29/2011
29-Mar-11	3/29/2011	29-Mar-11	3/29/2011
29-Mar-11	3/29/2011	29-Mar-11	3/29/2011
4-Apr-11	4/4/2011	4-Apr-11	4/4/2011
5-Apr-11	4/5/2011	5-Apr-11	4/5/2011
27-Apr-11	4/27/2011	27-Apr-11	4/27/2011
27-Apr-11	4/27/2011	27-Apr-11	4/27/2011
29-Apr-11	4/29/2011	29-Apr-11	4/29/2011
16-May-11	5/16/2011	16-May-11	5/16/2011
16-May-11	5/16/2011	16-May-11	5/16/2011
27-May-11	5/27/2011	27-May-11	5/27/2011
27-May-11	5/27/2011	27-May-11	5/27/2011
2-Jun-11	6/2/2011	2-Jun-11	6/2/2011
2-Jun-11	6/2/2011	2-Jun-11	6/2/2011
15-Jun-11	6/15/2011	15-Jun-11	6/15/2011
15-Jun-11	6/15/2011	15-Jun-11	6/15/2011
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5-Jul-11	7/5/2011	5-Jul-11	7/5/2011
5-Jul-11	7/5/2011	5-Jul-11	7/5/2011
2-Sep-11	9/2/2011	2-Sep-11	3/13/2012
7-Sep-11	9/7/2011	7-Sep-11	9/7/2011
7-Sep-11	9/7/2011	7-Sep-11	9/7/2011
7-Sep-11	9/7/2011	7-Sep-11	9/7/2011
7-Sep-11	9/7/2011	7-Sep-11	9/7/2011

Category 3	160	160
Category 3	150	0
Category 1	10000	325
Category 3	95	95
Category 3	20	20
Category 3	270	75
Category 1	1200	0
Category 1	400	0
Category 3	60	60
Category 3	20	5
Category 3	1	0
Category 3	4	0
Category 3	2	0
Category 3	1	0
Category 3	1	0
Category 3	1	0
Category 3	1	0
Category 3	2	0
Category 3	2	0
Category 3	1	0
Category 1	40	0
Category 1	875	0
Category 3	25	25
Category 3	20	0
Category 3	3	0
Category 3	5	0
Category 3	3	0
Category 3	3	0
Category 3	3	0
Category 3	3	0
Category 3	10	0
Category 3	3	0
Category 3	1	0
Category 3	200	200
Category 3	20	20
Category 3	2	2
Category 3	4	0
Category 3	2	0
Category 3	40	40
Category 3	5	5
Category 3	5	0
Category 3	2	0
Category 3	5	0
Category 3	75	75
Category 3	8	5
Category 3	100	95
Category 3	25	5
Category 3	2	0
Category 3	10	10
Category 3	1	1
Category 3	200	50
Category 3	5	0
Category 3	1	0
Category 3	1	0
Category 3	1	0

0	No	Yes
0	No	Yes
9675	Yes	Yes
0	No	Yes
0	No	No
0	No	No
1200	No	Yes
400	No	Yes
0	No	Yes
0	No	No
0	No	No
0	No	No
0	No	No
0	No	No
0	No	No
0	No	No
0	No	No
0	No	No
0	No	No
0	No	No
40	No	Yes
875	No	Yes
0	No	Yes
0	No	No
0	No	No
0	No	No
0	No	No
0	No	No
0	No	No
0	No	No
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0	No	No
0	No	No
0	No	Yes
0	No	No
0	No	No
0	No	No
0	No	No

Yes
No
No
Yes
Not Applicable - Spill did not reach storm drainpipe
Not Applicable - Spill did not reach storm drainpipe
No
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Yes
Not Applicable - Spill did not reach a separate storm drainpipe
Not Applicable - Spill did not reach a separate storm drainpipe
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Not Applicable - Spill did not reach a separate storm drainpipe
Not Applicable - Spill did not reach a separate storm drainpipe

Kent St @ Wimbledon
Round Hill Circle @ Round Hill Ct
Dezerai Ct
1008 Partrick Rd
135 Lilienthal Ave
Wine Country Ave Easement
Jefferson @ Rubicon
Larkin @ Scenic
2531 Elm St
2289 Alberta
2063 Adrian St
1529 First St
654 Cunard
2030 WEST LINCOLN AVE
554 SEYMOUR ST
2500 GINA DR
4369 DALE DR
214 S.Seymour
1528 Pueblo
2135 Ethel Porter
3513 Jefferson
1003 McCormick Lane
1422 Tallac
1514 Clay
52 Westwood
2371 Edgewater
2510 Redwood Rd
1055 Hudson Lane
1301 Shetler
1488 Tallac St
356 Brown St
318 Minahen
1024 Wyatt
2091 Morlan & West Pueblo
1037 Silverado Trail @ Second St
2040 Brownj St
1840 Adrian St
Kolbe Academy
3588 Jefferson
627 Casswall
3505 Jefferson
2510 Redwood Rd
2509 Old Sonoma Rd
2819 Elm St
590 East Spring St
1130 Pine
811 Jefferson St
554 Seymour
2636 West Pueblo
3346 Twin Oaks
Meritage
3548 Meadowbrook
1831 Myrtle
3261 Beard
20 Bonita

38.28236	-122.3061	Napa
38.30268	-122.33696	Napa
38.30465	-122.33344	Napa
38.3071	-122.34232	Napa
38.28879	-122.31181	Napa
38.33228	-122.33007	Napa
38.32426	-122.30118	Napa
38.30571	-122.32479	Napa
38.28966	-122.30274	Napa
38.31434	-122.31438	Napa
38.3084	-122.29219	Napa
38.29708	-122.28985	Napa
38.3162	-122.28352	Napa
38.30688	-122.30711	Napa
38.29371	-122.29783	Napa
38.32296	-122.32479	Napa
38.34075	-122.31856	Napa
38.28587	-122.2973	Napa
38.31524	-122.30136	Napa
38.31829	-122.31147	Napa
38.32477	-122.30201	Napa
38.30501	-122.33137	Napa
38.32808	-122.30583	Napa
38.2982	-122.29029	Napa
38.30069	-122.31311	Napa
38.31489	-122.28235	Napa
38.31899	-122.32348	Napa
38.30337	-122.31444	Napa
38.28248	-122.26123	Napa
38.32797	-122.30644	Napa
38.29096	-122.28406	Napa
38.28579	-122.29905	Napa
38.29177	-122.26802	Napa
38.31155	-122.31177	Napa
38.3016	-122.27659	Napa
38.30752	-122.29313	Napa
38.3059	-122.28947	Napa
38.30518	-122.29782	Napa
38.32683	-122.30284	Napa
38.28281	-122.31046	Napa
38.32449	-122.30179	Napa
38.31899	-122.32348	Napa
38.28773	-122.30518	Napa
38.28968	-122.30879	Napa
38.30531	-122.26582	Napa
38.29057	-122.28539	Napa
38.296	-122.2938	Napa
38.29371	-122.29783	Napa
38.31671	-122.32576	Napa
38.3004	-122.33671	Napa
38.24667	-122.27352	Napa
38.30436	-122.34441	Napa
38.31288	-122.30591	Napa
38.32231	-122.29589	Napa
38.30126	-122.27133	Napa

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Manhole
Out of manhole in open field at address

District cleanout on lower lateral
District cleanout for lower lateral

West Pueblo area

NSD cleanout for lower lateral

Gravity sewer;Manhole
Gravity sewer;Manhole
Gravity sewer;Manhole
Gravity sewer;Manhole
Gravity sewer;Manhole
Gravity sewer;Manhole
Gravity sewer;Other sewer system structure
Gravity sewer;Manhole
Gravity sewer
Gravity sewer;Other sewer system structure
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Gravity sewer
Gravity sewer;Other sewer system structure
Gravity sewer
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Gravity sewer
Gravity sewer;Manhole
Gravity sewer
Gravity sewer
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Gravity sewer
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Gravity sewer
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Gravity sewer
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Gravity sewer
Gravity sewer
Gravity sewer;Manhole
Gravity sewer
Gravity sewer
Gravity sewer
Gravity sewer

Five of the cleanouts on East side of street

District cleanout on lower lateral
District cleanout on lower lateral
District cleanout for lower lateral
District cleanout for lower lateral
District cleanout for lower lateral
District Cleanout for lower lateral
District cleanout for lower lateral
Sistrict cleanout for lower lateral
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District cleanout for lower lateral
District cleanout for lower lateral
Distrcit cleanout for lower lateral
District lateral cleanout
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District Cleanout for lower lateral
District cleanout for lower lateral
District cleanout for lower lateral

NSD cleanout for lower lateral

NSD cleanout for lower lateral
NSD cleanout for lower lateral

Storm drain;Street/curb and gutter
Storm drain
Storm drain;Street/curb and gutter;Surface water
Street/curb and gutter
Street/curb and gutter
Unpaved surface
Separate storm drain;Street/curb and gutter
Separate storm drain
Separate storm drain;Street/curb and gutter
Street/curb and gutter
Unpaved surface
Unpaved surface
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Unpaved surface
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Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Separate storm drain
Separate storm drain
Separate storm drain;Street/curb and gutter
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Street/curb and gutter
Separate storm drain;Street/curb and gutter;Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Other paved surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Street/curb and gutter;Unpaved surface
Street/curb and gutter
Unpaved surface
Unpaved surface
Unpaved surface
Separate storm drain;Surface water
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface

Lateral was plugged during rain event. District was not notified for over 2 hours and the sewage was washed away by the
Lateral cleanout on edge of storm drain, unable to capture flow from surcharging main
Cleaned and vacuumed storm drain and curb and gutter and returned all sewage to sanitary sewer

From cleanout to storm drain basin

In crawl space under house from broken plumbing under house.

1/18/2010 10:50	1/18/2010 10:58	1/18/2010 11:10	1/18/2010 11:30
2/24/2010 9:30	2/24/2010 9:38	2/24/2010 9:55	2/24/2010 10:10
7/1/2010 9:02	7/1/2010 9:05	7/1/2010 9:25	7/1/2010 9:45
9/2/2010 17:01	9/2/2010 17:10	9/2/2010 17:30	9/2/2010 17:56
10/9/2010 10:25	10/9/2010 10:30	10/9/2010 10:50	10/9/2010 11:10
10/23/2010 13:00	10/23/2010 13:06	10/23/2010 13:30	10/23/2010 14:30
12/19/2010 10:40	12/19/2010 10:48	12/19/2010 11:00	12/19/2010 12:40
12/28/2010 23:00	12/28/2010 23:10	12/28/2010 23:10	12/29/2010 0:10
1/20/2011 11:15	1/20/2011 11:24	1/20/2011 12:00	1/20/2011 12:20
2/10/2011 11:00	2/11/2011 15:14	2/11/2011 15:45	2/11/2011 14:20
2/4/2011 8:00	2/4/2011 8:17	2/4/2011 8:29	2/4/2011 8:43
2/15/2011 12:00	2/15/2011 12:20	2/15/2011 12:30	2/15/2011 12:40
2/19/2011 16:00	2/19/2011 16:16	2/19/2011 16:30	2/19/2011 17:00
2/21/2011 16:45	2/21/2011 17:00	2/21/2011 17:00	2/21/2011 17:30
2/21/2011 15:29	2/21/2011 15:50	2/21/2011 16:00	2/21/2011 16:30
2/22/2011 8:30	2/22/2011 8:55	2/22/2011 9:10	2/22/2011 9:15
2/22/2011 9:00	2/22/2011 9:15	2/22/2011 10:10	2/22/2011 10:20
2/22/2011 14:29	2/22/2011 14:48	2/22/2011 15:07	2/22/2011 15:18
2/22/2011 7:29	2/22/2011 7:40	2/22/2011 8:15	2/22/2011 8:30
2/27/2011 15:29	2/27/2011 15:54	2/27/2011 16:15	2/27/2011 16:25
3/18/2011 11:29	3/18/2011 13:52	3/18/2011 14:07	3/18/2011 14:12
3/24/2011 13:05	3/24/2011 13:05	3/24/2011 13:05	3/24/2011 13:45
3/4/2011 10:00	3/4/2011 10:00	3/4/2011 10:05	3/4/2011 10:35
3/13/2011 11:30	3/13/2011 12:00	3/13/2011 12:15	3/13/2011 12:25
3/15/2011 9:30	3/15/2011 9:38	3/15/2011 9:51	3/15/2011 9:55
3/15/2011 12:25	3/15/2011 12:40	3/15/2011 13:05	3/15/2011 13:10
3/17/2011 10:15	3/17/2011 10:27	3/17/2011 10:50	3/17/2011 10:53
3/18/2011 9:00	3/18/2011 9:16	3/18/2011 9:29	3/18/2011 9:33
3/20/2011 13:00	3/20/2011 13:03	3/20/2011 13:30	3/20/2011 13:35
3/20/2011 13:00	3/20/2011 13:25	3/20/2011 14:01	3/20/2011 14:05
3/20/2011 13:25	3/20/2011 13:53	3/20/2011 14:57	3/20/2011 15:00
3/21/2011 15:30	3/21/2011 15:53	3/21/2011 16:10	3/21/2011 16:20
3/22/2011 9:00	3/22/2011 9:20	3/22/2011 9:35	3/22/2011 9:50
3/26/2011 17:45	3/26/2011 17:54	3/26/2011 18:11	3/26/2011 18:52
4/1/2011 14:30	4/1/2011 14:50	4/1/2011 15:05	4/1/2011 15:12
4/4/2011 13:30	4/4/2011 13:45	4/4/2011 13:55	4/4/2011 14:00
4/19/2011 10:30	4/19/2011 10:52	4/19/2011 11:00	4/19/2011 11:05
4/19/2011 13:20	4/19/2011 13:47	4/19/2011 14:10	4/19/2011 14:30
4/28/2011 10:00	4/28/2011 10:33	4/28/2011 10:45	4/28/2011 11:00
4/7/2011 8:00	4/7/2011 8:12	4/7/2011 8:40	4/7/2011 9:00
4/7/2011 13:29	4/7/2011 13:58	4/7/2011 14:20	4/7/2011 14:25
5/25/2011 13:00	5/25/2011 13:40	5/25/2011 14:00	5/25/2011 14:05
5/26/2011 9:00	5/26/2011 10:10	5/26/2011 10:25	5/26/2011 10:40
5/26/2011 7:00	5/26/2011 14:35	5/26/2011 14:45	5/26/2011 15:00
6/1/2011 9:00	6/1/2011 9:14	6/1/2011 9:22	6/1/2011 9:45
6/3/2011 8:00	6/3/2011 9:49	6/3/2011 10:07	6/3/2011 10:15
6/8/2011 14:00	6/9/2011 0:05	6/9/2011 0:20	6/9/2011 0:29
6/14/2011 7:30	6/14/2011 8:35	6/14/2011 9:00	6/14/2011 9:15
6/17/2011 16:00	6/17/2011 16:23	6/17/2011 16:35	6/17/2011 16:45
6/19/2011 11:30	6/19/2011 11:50	6/19/2011 12:05	6/19/2011 12:20
9/2/2011 9:10	9/2/2011 9:40	9/2/2011 9:50	9/2/2011 9:25
8/12/2011 13:30	8/12/2011 14:00	8/12/2011 14:10	8/12/2011 14:10
8/13/2011 13:00	8/13/2011 13:39	8/13/2011 13:48	8/13/2011 14:00
8/15/2011 10:50	8/15/2011 11:02	8/15/2011 11:20	8/15/2011 11:30
8/18/2011 8:00	8/18/2011 8:15	8/18/2011 8:30	8/18/2011 8:45

Grease deposition (FOG)
Grease deposition (FOG)
Debri-General
Root intrusion
Debri-General
Grease deposition (FOG)
Grease deposition (FOG)
Rainfall exceeded design (Seperate CS Only)
Debri-General
Root intrusion
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Debri-Rags
Debri-Rags
Root intrusion
Grease deposition (FOG)
Debri-General
Rainfall exceeded design (Separate CS Only)
Root intrusion
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Debri-General
Debri-General
Flow exceeded capacity (Separate CS Only)
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Other (specify below)
Debri-General
Debri-General
Root intrusion
Root intrusion

Paving Contractor raising manholes allowed debris to build up in sanitary sewer line
Roots growing into manhole at seams of structures

Root intrusion at joint of cleanout

Gas line crossbore through spring line of lateral

Unable to verify exact cause.
During heavy rain event sanitary system was surcharging and this line exceded it's capacity. Sewage came out of district

Plumbers pnuematic plug loose in system

Main

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7	PES
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8	PVC
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6	ACP
4	ACP
3	HDPE
4	Clay
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4	Varied
4	Clay
4	ACP
4	ACP
4	CIP
4	ACP
3	Plastic
4	ACP
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4	ACP
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Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Restored flow
Cleaned-up (mitigated effects of spill);Inspected sewer using CCTV to determine cause;Restored flow;Returned all or por
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow;Returned all or portion of spill to sanit
Inspected sewer using CCTV to determine cause;Restored flow;Returned all or portion of spill to sanitary sewer system
Cleaned-up (mitigated effects of spill);Restored flow
Cleaned-up (mitigated effects of spill);Other (specify below)
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Inspected sewer using CCTV to determine cause;Restored flow
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Cleaned-up (mitigated effects of spill);Inspected sewer using CCTV to determine cause;Restored flow
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Cleaned-up (mitigated effects of spill);Inspected sewer using CCTV to determine cause;Restored flow
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Inspected sewer using CCTV to determine cause;Restored flow;Returned all or por
Cleaned-up (mitigated effects of spill);Inspected sewer using CCTV to determine cause;Restored flow;Returned all or por
Inspected sewer using CCTV to determine cause;Restored flow
Other (specify below)
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
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Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
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Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Returned all or portion of spill to sanitary sewer syst
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Inspected sewer using CCTV to determine cause;Restored flow;Returned all or por
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Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Inspected sewer using CCTV to determine cause;Restored flow
Cleaned-up (mitigated effects of spill);Inspected sewer using CCTV to determine cause;Restored flow
Cleaned-up (mitigated effects of spill);Inspected sewer using CCTV to determine cause;Restored flow
Cleaned-up (mitigated effects of spill);Inspected sewer using CCTV to determine cause;Restored flow;Returned all or por

Per Regional Board's request, NSD vaccuumed 9,600 gallons of water out of Browns Valley Creek approximately 600 fee

Restored flow, washed down area and vacuumed and returned all SSO water and wash down water to sanitary sewer sys

Cleaned up area and made sure collections system could handle flow
Pump excess water to downstream manhole with more capacity
Approx 10 gallons reached storm drain, NSD cleaned and vacuumed entire run of storm drain as well as flushing and vac

By the time District was notified of spill rain had washed away the raw sewage.
Used combination truck to vacuum what we could and transport to section of system that was not surcharging. After ever

Washed overflowed sewage back into cleanout after blockage was cleared

Vacuumed from manhole and transported to other basins to stabilize flow
District crews washed down area after restoring flow, and then cleaned and vacuumed storm drains and returned all sewa

Used combo truck to vacuum all liquid from under house, returned and flushed back into sanitary sewer. Hired contractor

2/24/2010 10:55
7/1/2010 19:15

12/19/2010 18:00
12/29/2010 0:00

3/18/2011 14:30
3/24/2011 14:30

9/2/2011 14:25

Adjusted schedule/method of preventive maintenance
Other (specify below)

Adjusted schedule/method of preventive maintenance
Plan rehabilitation or replacement of sewer

Added sewer to preventive maintenance program
Other (specify below)

Other (specify below)

cleaned, flushed and vacuumed storm drains, flushed and vacuumed streets, curb and gutters, cleaned, flushed and vacu

Adding area to intense watch for storm events to set by pass operations before SSO occurs in future.

Monotor contractors for debris

No
No

Yes
No

No
No

Yes

No
Yes

No
No

No
No

No

NA
NA

NA
Browns Valley Creek

None
na

None

Napa River
Browns Valley Creek
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Napa River
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None
None
None

No water quality samples taken;Not applicable to this spill
Dissolved oxygen;Other chemical indicator(s) - specify below;Biological indicator(s) - specify below

No water quality samples taken
No water quality samples taken

No water quality samples taken;Not applicable to this spill
No water quality samples taken

Dissolved oxygen;Other chemical indicator(s) - specify below;Biological indicator(s) - specify below

Ammonia, Enterococcus

Ammonia, Enterococcus, Temprature and ph.

None of the above
County Health Agency

None of the above
No water quality samples taken

No water quality samples taken;Not applicable to this spill
No water quality samples taken

County Health Agency

101373	2/24/2010 10:15
103994	7/1/2010 10:30
107631	12/19/2010 13:15
107938	12/29/2010 0:40
111636	3/18/2011 15:39
111868	3/24/2011 14:53
115233	9/2/2011 12:25

2SSO10159	Active	770788	Greg Dawson	Certified
2SSO10159	Active	770805	Greg Dawson	Certified
2SSO10159	Active	770808	Greg Dawson	Certified
2SSO10159	Active	772080	Greg Dawson	Certified
2SSO10159	Active	772081	Greg Dawson	Certified
2SSO10159	Active	772082	Greg Dawson	Certified
2SSO10159	Active	772087	Greg Dawson	Certified
2SSO10159	Active	772089	Greg Dawson	Certified
2SSO10159	Active	772092	Greg Dawson	Certified
2SSO10159	Active	772094	Greg Dawson	Certified
2SSO10159	Active	772095	Greg Dawson	Certified
2SSO10159	Active	772098	Greg Dawson	Certified
2SSO10159	Active	772099	Greg Dawson	Certified
2SSO10159	Active	772101	Greg Dawson	Certified
2SSO10159	Active	772103	Greg Dawson	Certified
2SSO10159	Active	772104	Greg Dawson	Certified
2SSO10159	Active	772487	Greg Dawson	Certified
2SSO10159	Active	772488	Greg Dawson	Certified
2SSO10159	Active	772489	Greg Dawson	Certified
2SSO10159	Active	773160	Greg Dawson	Certified
2SSO10159	Active	773162	Greg Dawson	Certified
2SSO10159	Active	773163	Greg Dawson	Certified
2SSO10159	Active	773164	Greg Dawson	Certified
2SSO10159	Active	773393	Greg Dawson	Certified
2SSO10159	Active	773394	Greg Dawson	Certified
2SSO10159	Active	773396	Greg Dawson	Certified
2SSO10159	Active	773397	Greg Dawson	Certified
2SSO10159	Active	773398	Greg Dawson	Certified
2SSO10159	Active	773399	Greg Dawson	Certified
2SSO10159	Active	773738	Greg Dawson	Certified
2SSO10159	Active	773740	Greg Dawson	Certified
2SSO10159	Active	773741	Greg Dawson	Certified
2SSO10159	Active	773742	Greg Dawson	Certified
2SSO10159	Active	773744	Greg Dawson	Certified
2SSO10159	Active	773745	Greg Dawson	Certified
2SSO10159	Active	773901	Greg Dawson	Certified
2SSO10159	Active	773902	Greg Dawson	Certified
2SSO10159	Active	773943	Greg Dawson	Certified
2SSO10159	Active	774430	Greg Dawson	Certified
2SSO10159	Active	774431	Greg Dawson	Certified
2SSO10159	Active	774433	Greg Dawson	Certified
2SSO10159	Active	774770	Greg Dawson	Certified
2SSO10159	Active	774771	Greg Dawson	Certified
2SSO10159	Active	774772	Greg Dawson	Certified
2SSO10159	Active	775206	Greg Dawson	Certified
2SSO10159	Active	775209	Greg Dawson	Certified
2SSO10159	Active	775330	Greg Dawson	Certified
2SSO10159	Active	775387	Greg Dawson	Certified
2SSO10159	Active	775580	Greg Dawson	Certified
2SSO10159	Active	775581	Greg Dawson	Certified
2SSO10159	Active	775923	Greg Dawson	Certified
2SSO10159	Active	776632	Greg Dawson	Certified
2SSO10159	Active	776633	Greg Dawson	Certified
2SSO10159	Active	776636	Greg Dawson	Certified
2SSO10159	Active	776638	Greg Dawson	Certified

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935 Hartle Ct	736586
935 Hartle Ct	629438
935 Hartle Ct	507878
935 Hartle Ct	399581
935 Hartle Ct	584756
935 Hartle Ctd	559242
935 Hartle Ct	638000
935 Hartle Ct	593333
935 Hartle Ct	627425
935 Hartle Ct	956517
935 Hartle Ct	185550
935 Hartle Ct	158713
935 Hartle Ct	819450
935 Hartle Ct	189658
935 Hartle Ct	589591
935 Hartle Ct	442696
935 Hartle Ct	750471
935 Hartle Ct	258531
935 Hartle Ct	122183
935 Hartle Ct	315364
935 Hartle Ct	847246
935 Hartle Ct	429503
935 Hartle Ct	345786
935 Hartle Ct	426701
935 Hartle Ct	561868
935 Hartle Ct	334230
935 Hartle Ct	825118
935 Hartle Ct	378585
935 Hartle Ct	103237
935 Hartle Ct	698635
935 Hartle Ct	568772
935 Hartle Ct	328811
935 Hartle Ct	826126
935 Hartle Ct	229044
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935 Hartle Ct	524203
935 Hartle Ct	829994
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935 Hartle Ct	215629
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935 Hartle Ct	437962
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935 Hartle Ct	860424

7-Sep-11	9/7/2011	7-Sep-11	9/7/2011
7-Sep-11	9/7/2011	7-Sep-11	9/7/2011
7-Sep-11	9/7/2011	7-Sep-11	9/7/2011
17-Oct-11	10/17/2011	17-Oct-11	10/17/2011
17-Oct-11	10/17/2011	17-Oct-11	10/17/2011
17-Oct-11	10/17/2011	17-Oct-11	10/17/2011
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5-Dec-11	12/5/2011	5-Dec-11	12/5/2011
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27-Dec-11	12/27/2011	27-Dec-11	12/27/2011
3-Jan-12	1/3/2012	3-Jan-12	1/3/2012
3-Jan-12	1/3/2012	3-Jan-12	1/3/2012
4-Jan-12	1/4/2012	4-Jan-12	1/4/2012
5-Jan-12	1/5/2012	5-Jan-12	1/5/2012
9-Jan-12	1/9/2012	9-Jan-12	1/9/2012
9-Jan-12	1/9/2012	9-Jan-12	1/9/2012
17-Jan-12	1/17/2012	17-Jan-12	1/17/2012
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31-Jan-12	1/31/2012	31-Jan-12	1/31/2012
31-Jan-12	1/31/2012	31-Jan-12	1/31/2012

Category 3	2	0
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Category 3	1	0
Category 3	1	0
Category 3	5	0
Category 3	15	15
Category 3	50	50
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Category 3	1	1
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Category 3	2	2
Category 3	1	1
Category 3	5	5
Category 3	1	1
Category 3	1	1
Category 3	20	20
Category 3	3	3
Category 3	5	5
Category 3	1	1
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Category 3	2	2
Category 3	1	1
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Category 3	1	1
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2032 W.Pueblo
41 Julian Ave
1232 Seminary St
2510 Redwood Rd
3346 Twin Oaks Dr
350 Aguirre Way
3740 Hamilton
1402 Sumner
804 Napa St, Miracle Auto Body
3326 Twin Oaks
1017 Alabama St
2218 Sandra Dr
1424 Sheridan Ave
1610 G St
1055 Hudson Lane
2521 Dorset St
1423 Rubicon
2147 Patton
1613 G St
654 Cunard
3783 Young Ave
2010 Lone Oak Ave
2121 Sommer St
3959 lap t
2020 Brown
520 Roosevelt St
2500 MacGregor Ct
216 Coombs St
36 Harvard Lane
3261 Beard
1088 Shetler Ave
547 E.Spring St
21 Casassa Ct
3845 Hamilton St
3700 Lassen St
1105 Hemlock
1819 Tanen St
1805 Central Ave
4406 Summerfield
Cinedome
2131 Stockton
4454 Finch
1512 Trower
1626 Verna
1090 Shetler
2720 Azalea
2210 Berks St
1130 Pine St
2850 Cypress
4172 Tokay Dr
1666 G St
139 Franklin
36 Archer Ave
605 Montgomery
1751 Laurel St

38.31403	-122.30897	Napa
38.30061	-122.27156	Napa
38.29928	-122.2905	Napa
38.31899	-122.32348	Napa
38.29916	-122.33655	Napa
38.29614	-122.27148	Napa
38.33007	-122.30704	Napa
38.32016	-122.30039	Napa
38.30411	-122.28568	Napa
38.29916	-122.33655	Napa
38.31135	-122.27507	Napa
38.3171	-122.3138	Napa
38.31924	-122.30097	Napa
38.30591	-122.2984	Napa
38.30337	-122.31444	Napa
38.28285	-122.30429	Napa
38.32366	-122.303	Napa
38.28318	-122.25716	Napa
38.30536	-122.2987	Napa
38.3162	-122.28352	Napa
38.32261	-122.32456	Napa
38.30872	-122.30602	Napa
38.28193	-122.26083	Napa
38.32651	-122.32351	Napa
38.30725	-122.29292	Napa
38.29349	-122.30808	Napa
38.31759	-122.32257	Napa
38.2892	-122.28608	Napa
38.31071	-122.3439	Napa
38.32231	-122.29589	Napa
38.28292	-122.26879	Napa
38.30584	-122.26727	Napa
38.32602	-122.31893	Napa
38.3311	-122.30789	Napa
38.32884	-122.31266	Napa
38.28562	-122.29119	Napa
38.30701	-122.28653	Napa
38.31042	-122.30473	Napa
38.34406	-122.31316	Napa
38.30134	-122.28486	Napa
38.29444	-122.29758	Napa
38.34696	-122.31558	Napa
38.33283	-122.3089	Napa
38.31889	-122.30986	Napa
38.28293	-122.26861	Napa
38.31795	-122.28918	Napa
38.32571	-122.31991	Napa
38.29058	-122.28543	Napa
38.29249	-122.30939	Napa
38.32893	-122.32848	Napa
38.30556	-122.29902	Napa
38.28876	-122.28984	Napa
38.29621	-122.30854	Napa
38.29461	-122.29712	Napa
38.29242	-122.29313	Napa

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8/22/2011 9:45	8/22/2011 9:54	8/22/2011 10:30	8/22/2011 10:35
8/31/2011 14:00	8/31/2011 14:11	8/31/2011 15:05	8/31/2011 15:15
9/6/2011 11:00	9/6/2011 11:15	9/6/2011 11:40	9/6/2011 11:45
9/13/2011 11:45	9/13/2011 12:01	9/13/2011 12:20	9/13/2011 12:25
9/15/2011 7:00	9/15/2011 7:30	9/15/2011 8:30	9/15/2011 8:45
9/15/2011 13:00	9/15/2011 13:33	9/15/2011 13:50	9/15/2011 14:00
9/16/2011 12:00	9/16/2011 12:15	9/16/2011 12:25	9/16/2011 12:35
9/22/2011 15:29	9/22/2011 15:56	9/22/2011 16:10	9/22/2011 16:15
9/29/2011 9:00	9/29/2011 9:51	9/29/2011 10:17	9/29/2011 10:25
9/29/2011 7:30	9/29/2011 7:52	9/29/2011 8:29	9/29/2011 8:29
9/30/2011 12:00	9/30/2011 12:15	9/30/2011 12:25	9/30/2011 12:25
10/3/2011 8:29	10/3/2011 9:00	10/3/2011 9:25	10/3/2011 9:25
10/3/2011 9:29	10/3/2011 9:57	10/3/2011 10:50	10/3/2011 10:50
10/8/2011 10:29	10/8/2011 10:48	10/8/2011 11:00	10/8/2011 11:00
10/9/2011 17:29	10/9/2011 17:50	10/9/2011 18:00	10/9/2011 18:30
10/11/2011 14:00	10/11/2011 14:18	10/11/2011 14:29	10/11/2011 14:29
10/17/2011 11:00	10/17/2011 11:24	10/17/2011 11:34	10/17/2011 11:34
10/20/2011 13:00	10/20/2011 13:35	10/20/2011 13:50	10/20/2011 13:50
10/22/2011 18:00	10/22/2011 18:15	10/22/2011 18:45	10/22/2011 18:50
11/10/2011 15:20	11/10/2011 15:40	11/10/2011 15:50	11/10/2011 15:55
11/12/2011 11:30	11/12/2011 11:48	11/12/2011 12:25	11/12/2011 13:00
11/14/2011 12:00	11/14/2011 12:21	11/14/2011 12:30	11/14/2011 12:45
11/14/2011 14:00	11/14/2011 14:03	11/14/2011 14:50	11/14/2011 15:00
11/16/2011 9:00	11/16/2011 9:11	11/16/2011 9:30	11/16/2011 9:45
11/17/2011 10:35	11/17/2011 10:49	11/17/2011 12:00	11/17/2011 12:15
11/17/2011 11:00	11/17/2011 11:29	11/17/2011 11:40	11/17/2011 12:00
11/17/2011 15:00	11/17/2011 15:30	11/17/2011 15:35	11/17/2011 15:55
11/20/2011 10:30	11/20/2011 10:54	11/20/2011 11:15	11/20/2011 11:25
11/21/2011 10:00	11/21/2011 11:10	11/21/2011 11:15	11/21/2011 11:25
11/23/2011 11:00	11/23/2011 11:07	11/23/2011 11:10	11/23/2011 11:13
11/24/2011 10:15	11/24/2011 10:27	11/24/2011 11:00	11/24/2011 11:20
11/28/2011 15:29	11/28/2011 15:59	11/28/2011 16:20	11/28/2011 16:25
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12/5/2011 16:30	12/5/2011 16:45	12/5/2011 16:50	12/5/2011 17:20
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12/11/2011 15:00	12/11/2011 15:06	12/11/2011 15:15	12/11/2011 15:18
12/13/2011 8:29	12/13/2011 8:47	12/13/2011 9:15	12/13/2011 9:20
12/15/2011 10:30	12/15/2011 11:01	12/15/2011 11:40	12/15/2011 11:50
12/18/2011 17:00	12/18/2011 17:13	12/18/2011 17:45	12/18/2011 17:45
12/23/2011 9:00	12/23/2011 9:18	12/23/2011 9:40	12/23/2011 9:45
12/24/2011 13:30	12/24/2011 13:59	12/24/2011 14:25	12/24/2011 14:27
12/25/2011 9:00	12/25/2011 9:37	12/25/2011 10:10	12/25/2011 10:10
1/2/2012 8:00	1/2/2012 8:20	1/2/2012 9:10	1/2/2012 9:20
1/2/2012 13:00	1/2/2012 13:04	1/2/2012 13:35	1/2/2012 13:45
1/3/2012 14:40	1/3/2012 14:59	1/3/2012 15:02	1/3/2012 15:05
1/4/2012 8:00	1/4/2012 8:36	1/4/2012 8:43	1/4/2012 8:46
1/7/2012 16:00	1/7/2012 16:15	1/7/2012 16:30	1/7/2012 16:40
1/7/2012 7:45	1/7/2012 8:02	1/7/2012 8:15	1/7/2012 8:25
1/12/2012 7:00	1/12/2012 7:16	1/12/2012 7:40	1/12/2012 7:45
1/21/2012 17:00	1/21/2012 17:30	1/21/2012 18:00	1/21/2012 18:10
1/23/2012 10:30	1/23/2012 10:48	1/23/2012 11:10	1/23/2012 11:15
1/24/2012 16:30	1/24/2012 16:40	1/24/2012 17:10	1/24/2012 17:30
1/30/2012 10:00	1/30/2012 10:18	1/30/2012 10:25	1/30/2012 10:45

Grease deposition (FOG)
Debri-General
Root intrusion
Grease deposition (FOG)
Root intrusion
Debri-General
Root intrusion
Debri-Rags
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Grease deposition (FOG)
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Debri-Rags
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Grease deposition (FOG)
Other (specify below)
Root intrusion
Debri-Rags
Debri-Rags
Root intrusion
Root intrusion
Grease deposition (FOG)
Grease deposition (FOG)
Debri-Rags
Debri-General
Root intrusion
Grease deposition (FOG)
Root intrusion
Debri-Rags
Root intrusion
Root intrusion
Grease deposition (FOG)
Root intrusion
Root intrusion

Unknown, after CCTV no appearant reasone for SSO. Assume gravel from broken water main that pushed into sewer pip

Pipe is cast iron and has moderate tuburcolation which helped rags accumalate

Lower Lateral
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Cleaned-up (mitigated effects of spill);Inspected sewer using CCTV to determine cause;Restored flow;Returned all or por
Cleaned-up (mitigated effects of spill);Inspected sewer using CCTV to determine cause;Restored flow;Returned all or por
Cleaned-up (mitigated effects of spill);Inspected sewer using CCTV to determine cause;Restored flow;Returned all or por
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
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2SSO10159	Active	776919	Greg Dawson	Certified
2SSO10159	Active	777480	Greg Dawson	Certified
2SSO10159	Active	777482	Greg Dawson	Certified
2SSO10159	Active	778205	Greg Dawson	Certified
2SSO10159	Active	778206	Greg Dawson	Certified
2SSO10159	Active	778207	Greg Dawson	Certified
2SSO10159	Active	778208	Greg Dawson	Certified
2SSO10159	Active	778209	Greg Dawson	Certified
2SSO10159	Active	778211	Greg Dawson	Certified
2SSO10159	Active	779229	Greg Dawson	Certified
2SSO10159	Active	779231	Greg Dawson	Certified
2SSO10159	Active	779232	Greg Dawson	Certified
2SSO10159	Active	779233	Greg Dawson	Certified
2SSO10159	Active	779235	Greg Dawson	Certified
2SSO10159	Active	779236	Greg Dawson	Certified
2SSO10159	Active	779237	Greg Dawson	Certified
2SSO10159	Active	779238	Greg Dawson	Certified
2SSO10159	Active	779239	Greg Dawson	Certified
2SSO10159	Active	779240	Greg Dawson	Certified
2SSO10159	Active	779241	Greg Dawson	Certified
2SSO10159	Active	779244	Greg Dawson	Certified
2SSO10159	Active	780693	Greg Dawson	Certified
2SSO10159	Active	780695	Greg Dawson	Certified
2SSO10159	Active	780696	Greg Dawson	Certified
2SSO10159	Active	780697	Greg Dawson	Certified
2SSO10159	Active	780698	Greg Dawson	Certified
2SSO10159	Active	780700	Greg Dawson	Certified
2SSO10159	Active	781365	Greg Dawson	Certified
2SSO10159	Active	781366	Greg Dawson	Certified
2SSO10159	Active	781704	Greg Dawson	Certified
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2SSO10159	Active	781706	Greg Dawson	Certified
2SSO10159	Active	781708	Greg Dawson	Certified
2SSO10159	Active	781709	Greg Dawson	Certified
2SSO10159	Active	781711	Greg Dawson	Certified
2SSO10159	Active	781712	Greg Dawson	Certified
2SSO10159	Active	781714	Greg Dawson	Certified
2SSO10159	Active	781716	Greg Dawson	Certified
2SSO10159	Active	782945	Greg Dawson	Certified
2SSO10159	Active	783267	Greg Dawson	Certified
2SSO10159	Active	783269	Greg Dawson	Certified
2SSO10159	Active	783272	Greg Dawson	Certified
2SSO10159	Active	783677	Greg Dawson	Certified
2SSO10159	Active	783866	Greg Dawson	Certified
2SSO10159	Active	784733	Greg Dawson	Certified
2SSO10159	Active	784735	Greg Dawson	Certified
2SSO10159	Active	784736	Greg Dawson	Certified
2SSO10159	Active	785801	Greg Dawson	Certified
2SSO10159	Active	785805	Greg Dawson	Certified
2SSO10159	Active	785806	Greg Dawson	Certified
2SSO10159	Active	785808	Greg Dawson	Certified
2SSO10159	Active	787231	Greg Dawson	Certified
2SSO10159	Active	787232	Greg Dawson	Certified
2SSO10159	Active	787233	Greg Dawson	Certified
2SSO10159	Active	787234	Greg Dawson	Certified

Collections System Technician
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935 Hartle Ct	350699
935 Hartle Ct	614276
935 Hartle Ct	980523
935 Hartle Ct	239358
935 Hartle Ct	496273
935 Hartle Ct	799102
935 Hartle Ct	824002
935 Hartle Ct	362258
935 Hartle Ct	466151
935 Hartle Ct	453762
935 Hartle Ct	223122
935 Hartle Ct	557461
935 Hartle Ct	554651
935 Hartle Ct	860032
935 Hartle Ct	637357
935 Hartle Ct	100793
935 Hartle Ct	179113
935 Hartle Ct	160731
935 Hartle Ct	860908
935 Hartle Ct	888713
935 Hartle Ct	717516
935 Hartle Ct	985311
935 Hartle Ct	932848
District cleanout for lower lateral	195717
935 Hartle Ct	663029
935 Hartle Ct	527162
935 Hartle Ct	671864
935 Hartle Ct	530107
935 Hartle Ct	222200
935 Hartle Ct	421623
935 Hartle Ct	690325
935 Hartle Ct	893298
935 Hartle Ct	665708
935 Hartle Ct	462951
935 Hartle Ct	706756
935 Hartle Ct	406051
935 Hartle Ct	437783
District cleanout for lower lateral	631567
935 Hartle Ct	229346
935 Hartle Ct	199864
935 Hartle Ct	429658
935 Hartle Ct	356627
935 Hartle Ct	656863
935 Hartle Ct	315396
935 Hartle Ct	246059
935 Hartle Ct	674931
935 Hartle Ct	985870
935 Hartle Ct	310300
935 Hartle Ct	642074
935 Hartle Ct	131733
935 Hartle Ct	519272
935 Hartle Ct	871138
935 Hartle Ct	264151
935 Hartle Ct	749184
935 Hartle Ct	341887

7-Feb-12	2/7/2012	7-Feb-12	2/7/2012
15-Feb-12	2/15/2012	15-Feb-12	2/15/2012
15-Feb-12	2/15/2012	15-Feb-12	2/15/2012
1-Mar-12	3/1/2012	1-Mar-12	3/1/2012
1-Mar-12	3/1/2012	1-Mar-12	3/1/2012
1-Mar-12	3/1/2012	1-Mar-12	3/1/2012
1-Mar-12	3/1/2012	1-Mar-12	3/1/2012
1-Mar-12	3/1/2012	1-Mar-12	3/1/2012
1-Mar-12	3/1/2012	1-Mar-12	3/1/2012
29-Mar-12	3/29/2012	29-Mar-12	3/29/2012
29-Mar-12	3/29/2012	29-Mar-12	3/29/2012
29-Mar-12	3/29/2012	29-Mar-12	3/29/2012
29-Mar-12	3/29/2012	29-Mar-12	3/29/2012
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29-Mar-12	3/29/2012	29-Mar-12	3/29/2012
29-Mar-12	3/29/2012	29-Mar-12	3/29/2012
29-Mar-12	3/29/2012	29-Mar-12	3/29/2012
26-Apr-12	4/26/2012	26-Apr-12	4/26/2012
26-Apr-12	4/26/2012	26-Apr-12	4/26/2012
26-Apr-12	4/26/2012	26-Apr-12	4/26/2012
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26-Apr-12	4/26/2012	26-Apr-12	4/26/2012
26-Apr-12	4/26/2012	26-Apr-12	4/26/2012
15-May-12	5/15/2012	15-May-12	5/15/2012
15-May-12	5/15/2012	15-May-12	5/15/2012
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30-May-12	5/30/2012	30-May-12	5/30/2012
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5-Jul-12	7/5/2012	5-Jul-12	7/5/2012
11-Jul-12	7/11/2012	11-Jul-12	7/11/2012
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18-Jul-12	7/18/2012	18-Jul-12	7/18/2012
23-Jul-12	7/23/2012	23-Jul-12	7/23/2012
7-Aug-12	8/7/2012	7-Aug-12	8/7/2012
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31-Aug-12	8/31/2012	31-Aug-12	8/31/2012
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31-Aug-12	8/31/2012	31-Aug-12	8/31/2012
16-Oct-12	10/16/2012	16-Oct-12	10/16/2012
16-Oct-12	10/16/2012	16-Oct-12	10/16/2012
16-Oct-12	10/16/2012	16-Oct-12	10/16/2012
16-Oct-12	10/16/2012	16-Oct-12	10/16/2012

Category 3	2	0
Category 3	1	1
Category 3	2	2
Category 3	8	8
Category 3	2	2
Category 3	1	1
Category 3	1	1
Category 3	1	1
Category 3	1	1
Category 3	3	0
Category 3	1	1
Category 3	15	15
Category 3	3	0
Category 3	5	5
Category 3	15	15
Category 3	50	50
Category 3	600	0
Category 3	10	10
Category 3	3	0
Category 3	2	2
Category 3	1	1
Category 3	1	1
Category 3	2	2
Category 3	1	1
Category 3	1	1
Category 3	20	20
Category 3	5	5
Category 3	60	60
Category 3	50	50
Category 3	20	20
Category 3	3	3
Category 3	1	1
Category 3	1	1
Category 3	1	1
Category 3	1	1
Category 3	3	3
Category 3	5	5
Category 3	1	1
Category 3	1	1
Category 3	1	1
Category 3	10	10
Category 3	1	1
Category 3	30	30
Category 3	1	1
Category 3	1	1
Category 3	5	5
Category 3	1	1
Category 3	1	1
Category 3	5	0
Category 3	3	3
Category 3	1	0
Category 3	5	5
Category 3	1	1
Category 3	1	1
Category 3	5	5

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Not Applicable - Spill did not reach a separate storm drainpipe
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1624 Spruce
318 minahen
39 Bancal Ct
Thomas @ Delpha
1041 Central
1528 Pueblo
2163 W.Park
2032 W.Pueblo
1731 Sycamore
43 Julian
431 E.Berna
1234 Third St
1428 Brown
3310 Browns Valley Rd
2402 Colina Ct
Black Bear Soscol
673 Montecito
3739 Willis
118 First St
3368 Twin Oaks
1134 Shetler
1757 Tanen
2780 Massa
2182 S.Terrace
229 S.Hartson
271 Brown St
1757 Tanen St
246 Monte Vista Dr
Main @ Keller
712 Pueblo
40 Oakcrest
675 Lathrop
1071 Johnston
1027 Stonybrook
811 Jefferson
3708 Jefferson
1610 D St
3108 Hermosa
1831 Myrtle
1391 Rubicon
505 Franklin
3551 Jefferson Street
1406 Third
2830 Linda Vista
1406 Third
Silverado Country Club condos
2026 Main
2038 Janette
1861 Adrian
3212 Stuart Way
1660 Menlo
350 Aguirre
1136 Cayetano Ct
151 Randolph
2089 West F Street

38.28669	-122.29136	Napa
38.28579	-122.29965	Napa
38.28499	-122.29159	Napa
38.31381	-122.31313	Napa
38.31235	-122.29392	Napa
38.31524	-122.30136	Napa
38.3103	-122.31191	Napa
38.31403	-122.30897	Napa
38.28702	-122.29278	Napa
38.30061	-122.27156	Napa
38.30478	-122.26986	Napa
38.29693	-122.28639	Napa
38.30202	-122.28878	Napa
38.30565	-122.33187	Napa
38.28439	-122.30166	Napa
38.28554	-122.27531	Napa
38.30898	-122.26771	Napa
38.33086	-122.3027	Napa
38.30393	-122.27575	Napa
38.30177	-122.33708	Napa
38.28294	-122.26678	Napa
38.30641	-122.2863	Napa
38.30995	-122.31877	Napa
38.28079	-122.26894	Napa
38.28585	-122.29572	Napa
38.28997	-122.28514	Napa
38.30641	-122.2863	Napa
38.30283	-122.26054	Napa
38.31903	-122.29669	Napa
38.31807	-122.28594	Napa
38.31471	-122.27498	Napa
38.3145	-122.28576	Napa
38.30366	-122.31447	Napa
38.30635	-122.3445	Napa
38.29601	-122.29396	Napa
38.3293	-122.3048	Napa
38.30347	-122.29744	Napa
38.34004	-122.3208	Napa
38.31288	-122.30591	Napa
38.32381	-122.30218	Napa
38.29435	-122.28763	Napa
38.32575	-122.30279	Napa
38.29623	-122.28789	Napa
38.31112	-122.31557	Napa
38.29623	-122.28789	Napa
38.34774	-122.26712	Napa
38.30765	-122.29237	Napa
38.3166	-122.30947	Napa
38.30589	-122.29015	Napa
38.31971	-122.29978	Napa
38.31286	-122.30324	Napa
38.29587	-122.27148	Napa
38.28841	-122.26664	Napa
38.28856	-122.28838	Napa
38.30317	-122.30942	Napa

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Street/curb and gutter;Unpaved surface
Street/curb and gutter;Unpaved surface
Separate storm drain;Street/curb and gutter
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Street/curb and gutter;Unpaved surface
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Separate storm drain;Street/curb and gutter
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District cleanout for lower lateral

Noticed paper around cleanout when arriving for Preventive Maintenance

Sand around cleanout was wet

2/6/2012 15:00	2/6/2012 15:20	2/6/2012 15:30	2/6/2012 15:45
2/9/2012 8:00	2/9/2012 8:22	2/9/2012 8:42	2/9/2012 8:50
2/14/2012 10:40	2/14/2012 10:50	2/14/2012 11:00	2/14/2012 11:15
2/17/2012 20:15	2/17/2012 20:27	2/17/2012 20:56	2/17/2012 21:20
2/18/2012 13:00	2/18/2012 13:08	2/18/2012 13:41	2/18/2012 13:49
2/23/2012 16:30	2/23/2012 16:45	2/23/2012 17:10	2/23/2012 17:20
2/26/2012 11:29	2/26/2012 11:36	2/26/2012 12:15	2/26/2012 12:16
2/27/2012 8:00	2/27/2012 8:16	2/27/2012 8:40	2/27/2012 8:50
2/27/2012 17:30	2/27/2012 17:45	2/27/2012 17:57	2/27/2012 17:58
3/2/2012 12:00	3/2/2012 12:26	3/2/2012 12:50	3/2/2012 13:00
3/5/2012 9:30	3/5/2012 9:44	3/5/2012 10:00	3/5/2012 10:10
3/7/2012 0:00	3/7/2012 0:00	3/7/2012 0:00	3/7/2012 0:00
3/8/2012 12:00	3/8/2012 12:18	3/8/2012 12:30	3/8/2012 12:40
3/11/2012 12:30	3/11/2012 12:50	3/11/2012 13:15	3/11/2012 13:20
3/11/2012 20:30	3/11/2012 20:52	3/11/2012 21:15	3/11/2012 21:20
3/17/2012 10:45	3/17/2012 11:18	3/17/2012 11:45	3/17/2012 12:05
3/17/2012 12:00	3/19/2012 12:51	3/19/2012 13:00	3/19/2012 14:00
3/21/2012 8:00	3/21/2012 8:37	3/21/2012 9:00	3/21/2012 9:05
3/21/2012 12:00	3/21/2012 12:06	3/21/2012 12:35	3/21/2012 12:40
3/22/2012 7:00	3/22/2012 8:00	3/22/2012 8:30	3/22/2012 10:00
3/26/2012 14:00	3/26/2012 14:16	3/26/2012 14:20	3/26/2012 14:30
3/31/2012 11:00	3/31/2012 11:30	3/31/2012 12:15	3/31/2012 12:40
4/4/2012 9:15	4/4/2012 9:35	4/4/2012 9:45	4/4/2012 9:50
4/9/2012 12:00	4/9/2012 12:08	4/9/2012 12:15	4/9/2012 12:20
4/12/2012 21:00	4/12/2012 21:15	4/12/2012 21:30	4/12/2012 21:40
4/12/2012 17:30	4/12/2012 18:03	4/12/2012 18:40	4/12/2012 18:45
4/13/2012 19:20	4/13/2012 19:42	4/13/2012 20:00	4/13/2012 20:15
4/18/2012 17:20	4/18/2012 17:41	4/18/2012 18:00	4/18/2012 18:45
4/28/2012 11:00	4/28/2012 11:10	4/28/2012 11:40	4/28/2012 11:50
5/2/2012 9:00	5/2/2012 9:19	5/2/2012 9:28	5/2/2012 9:35
5/2/2012 11:00	5/2/2012 11:16	5/2/2012 11:30	5/2/2012 11:40
5/6/2012 9:00	5/6/2012 9:25	5/6/2012 9:30	5/6/2012 9:40
5/6/2012 10:30	5/6/2012 10:58	5/6/2012 12:00	5/6/2012 12:10
5/7/2012 16:30	5/7/2012 16:46	5/7/2012 17:00	5/7/2012 17:10
5/9/2012 18:00	5/9/2012 18:26	5/9/2012 18:34	5/9/2012 18:40
5/11/2012 15:30	5/11/2012 15:51	5/11/2012 16:15	5/11/2012 16:20
5/11/2012 21:00	5/11/2012 21:35	5/11/2012 21:50	5/11/2012 21:55
5/22/2012 10:00	5/23/2012 1:03	5/23/2012 1:20	5/23/2012 1:25
7/4/2012 13:30	7/4/2012 13:57	7/4/2012 14:35	7/4/2012 14:45
7/10/2012 8:30	7/10/2012 8:42	7/10/2012 9:05	7/10/2012 9:07
7/10/2012 19:45	7/10/2012 20:15	7/10/2012 20:25	7/10/2012 20:30
7/6/2012 14:00	7/6/2012 14:22	7/6/2012 14:45	7/6/2012 14:50
7/17/2012 13:00	7/17/2012 13:48	7/17/2012 14:00	7/17/2012 14:05
6/27/2012 6:00	6/27/2012 8:22	6/27/2012 8:25	6/27/2012 8:25
8/2/2012 10:00	8/2/2012 10:35	8/2/2012 10:45	8/2/2012 11:00
8/3/2012 9:00	8/3/2012 9:15	8/3/2012 9:30	8/3/2012 10:15
8/2/2012 11:00	8/2/2012 11:45	8/2/2012 11:45	8/2/2012 11:45
8/8/2012 13:20	8/8/2012 13:50	8/8/2012 14:00	8/8/2012 14:30
8/10/2012 7:00	8/10/2012 11:40	8/10/2012 11:40	8/10/2012 11:41
8/20/2012 8:00	8/20/2012 8:43	8/20/2012 9:30	8/20/2012 9:45
8/24/2012 11:00	8/24/2012 11:28	8/24/2012 11:35	8/24/2012 11:40
9/3/2012 12:30	9/3/2012 13:11	9/3/2012 13:40	9/3/2012 13:41
9/4/2012 8:00	9/4/2012 8:19	9/4/2012 8:30	9/4/2012 8:40
9/4/2012 10:45	9/4/2012 11:09	9/4/2012 11:15	9/4/2012 11:25
9/6/2012 17:30	9/6/2012 17:58	9/6/2012 18:30	9/6/2012 18:35

Root intrusion
Root intrusion
Debri-Rags
Grease deposition (FOG)
Root intrusion
Root intrusion
Root intrusion
Debri-General
Root intrusion
Debri-Rags
Root intrusion
Grease deposition (FOG)
Debri-Rags
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Debri-Rags
Grease deposition (FOG)
Debri-Rags
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Pipe structural problem/failure
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Debri-General
Grease deposition (FOG)
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Pipe structural problem/failure

Lateral was shattered next to water line repair

Offsets in line holding debris

Lower Lateral
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Dried paper noticed during routine Preventive Maintenance

4 Clay
4 clay
4
7 HDPE
4 ACP
4 Clay
4 Clay
3 HDPE
4 Clay
4 PVC
4 CIPP
4 Clay
4 Clay
4 ACP
4 ACP
8 Clay
4 ACP
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4 ACP
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4 various
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Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
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Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Restored flow;Returned all or portion of spill to sanitary sewer system
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Inspected sewer using CCTV to determine cause;Restored flow
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R

NSD crew noticed paper around cleanout. Unknown time of blocage that self cleared. Ran and CCTVed line. Washed a

None
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2SSO10159	Active	787235	Greg Dawson	Certified
2SSO10159	Active	787239	Greg Dawson	Certified
2SSO10159	Active	787240	Greg Dawson	Certified
2SSO10159	Active	787243	Greg Dawson	Certified
2SSO10159	Active	787246	Greg Dawson	Certified
2SSO10159	Active	787247	Greg Dawson	Certified
2SSO10159	Active	787248	Greg Dawson	Certified
2SSO10159	Active	787249	Greg Dawson	Certified
2SSO10159	Active	787250	Greg Dawson	Certified
2SSO10159	Active	787251	Greg Dawson	Certified
2SSO10159	Active	787253	Greg Dawson	Certified
2SSO10159	Active	787254	Greg Dawson	Certified
2SSO10159	Active	787255	Greg Dawson	Certified
2SSO10159	Active	787256	Greg Dawson	Certified
2SSO10159	Active	788005	Greg Dawson	Certified
2SSO10159	Active	788006	Greg Dawson	Certified
2SSO10159	Active	788008	Greg Dawson	Certified
2SSO10159	Active	788009	Greg Dawson	Certified
2SSO10159	Active	788011	Greg Dawson	Certified
2SSO10159	Active	788012	Greg Dawson	Certified
2SSO10159	Active	788013	Greg Dawson	Certified
2SSO10159	Active	788014	Greg Dawson	Certified
2SSO10159	Active	788218	Greg Dawson	Certified
2SSO10159	Active	788219	Greg Dawson	Certified
2SSO10159	Active	788252	Greg Dawson	Certified
2SSO10159	Active	788314	Greg Dawson	Certified
2SSO10159	Active	788665	Greg Dawson	Certified
2SSO10159	Active	788670	Greg Dawson	Certified
2SSO10159	Active	788672	Greg Dawson	Certified
2SSO10159	Active	788733	Greg Dawson	Certified
2SSO10159	Active	788836	Greg Dawson	Certified
2SSO10159	Active	788916	Greg Dawson	Certified
2SSO10159	Active	788942	Greg Dawson	Certified
2SSO10159	Active	789191	Greg Dawson	Certified
2SSO10159	Active	789192	Greg Dawson	Certified
2SSO10159	Active	789230	Greg Dawson	Certified
2SSO10159	Active	789289	Greg Dawson	Certified
2SSO10159	Active	789290	Greg Dawson	Certified
2SSO10159	Active	789461	Greg Dawson	Certified
2SSO10159	Active	789462	Greg Dawson	Certified
2SSO10159	Active	789493	Greg Dawson	Certified
2SSO10159	Active	789494	Greg Dawson	Certified
2SSO10159	Active	789533	Greg Dawson	Certified
2SSO10159	Active	789534	Greg Dawson	Certified
2SSO10159	Active	789573	Greg Dawson	Certified
2SSO10159	Active	789611	Greg Dawson	Certified
2SSO10159	Active	791131	Greg Dawson	Certified
2SSO10159	Active	791135	Greg Dawson	Certified
2SSO10159	Active	791137	Greg Dawson	Certified
2SSO10159	Active	791138	Greg Dawson	Certified
2SSO10159	Active	791139	Greg Dawson	Certified
2SSO10159	Active	791140	Greg Dawson	Certified
2SSO10159	Active	791142	Greg Dawson	Certified
2SSO10159	Active	791143	Greg Dawson	Certified
2SSO10159	Active	791144	Greg Dawson	Certified

Collection Systems Technician
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935 Hartle Ct	500591
935 Hartle Ct	593351
935 Hartle Ct	750770
935 Hartle Ct	461850
935 Hartle Ct	360764
935 Hartle Ct	200491
935 Hartle Ct	580326
935 Hartle Ct	147010
935 Hartle Ct	585006
935 Hartle Ct	213398
935 Hartle Ct	381587
935 Hartle Ct	669409
935 Hartle Ct	845126
935 Hartle Ct	629957
935 Hartle Ct	527628
935 Hartle Ct	962528
935 Hartle Ct	532654
935 Hartle Ct	582102
935 Hartle Ct	269354
935 Hartle Ct	272359
935 Hartle Ct	984739
935 Hartle Ct	244579
935 Hartle Ct	896728
935 Hartle Ct	509663
935 Hartle Ct	169197
935 Hartle Ct	310490
935 Hartle Ct	553034
935 Hartle Ct	660136
935 Hartle Ct	514932
935 Hartle Ct	801259
935 Hartle Ct	776849
935 Hartle Ct	777625
935 Hartle Ct	403033
935 Hartle Ct	242631
935 Hartle Ct	155563
935 Hartle Ct	987376
935 Hartle Ct	467895
935 Hartle Ct	935431
935 Hartle Ct	963774
935 Hartle Ct	372089
935 Hartle Ct	850618
935 Hartle Ct	571496
Collection Systems Technician	526338
935 Hartle Ct	244835
935 Hartle Ct	724753
935 Hartle Ct	611954
935 Hartle Ct	489924
935 Hartle Ct	498085
935 Hartle Ct	663445
935 Hartle Ct	670433
935 Hartle Ct	183816
935 Hartle Ct	597421
935 Hartle Ct	423579
935 Hartle Ct	422273
935 Hartle Ct	913236

16-Oct-12	10/16/2012	16-Oct-12	10/16/2012
16-Oct-12	10/16/2012	16-Oct-12	10/16/2012
16-Oct-12	10/16/2012	16-Oct-12	10/16/2012
16-Oct-12	10/16/2012	16-Oct-12	10/16/2012
16-Oct-12	10/16/2012	16-Oct-12	10/16/2012
16-Oct-12	10/16/2012	16-Oct-12	10/16/2012
16-Oct-12	10/16/2012	16-Oct-12	10/16/2012
16-Oct-12	10/16/2012	16-Oct-12	10/16/2012
16-Oct-12	10/16/2012	16-Oct-12	10/16/2012
16-Oct-12	10/16/2012	16-Oct-12	10/16/2012
16-Oct-12	10/16/2012	16-Oct-12	10/16/2012
16-Oct-12	10/16/2012	16-Oct-12	10/16/2012
16-Oct-12	10/16/2012	16-Oct-12	10/16/2012
16-Oct-12	10/16/2012	16-Oct-12	10/16/2012
16-Oct-12	10/16/2012	16-Oct-12	10/16/2012
13-Nov-12	11/13/2012	13-Nov-12	11/13/2012
13-Nov-12	11/13/2012	13-Nov-12	11/13/2012
13-Nov-12	11/13/2012	13-Nov-12	11/13/2012
13-Nov-12	11/13/2012	13-Nov-12	11/13/2012
13-Nov-12	11/13/2012	13-Nov-12	11/13/2012
13-Nov-12	11/13/2012	13-Nov-12	11/13/2012
13-Nov-12	11/13/2012	13-Nov-12	11/13/2012
13-Nov-12	11/13/2012	13-Nov-12	11/13/2012
19-Nov-12	11/19/2012	19-Nov-12	11/19/2012
19-Nov-12	11/19/2012	19-Nov-12	11/19/2012
20-Nov-12	11/20/2012	20-Nov-12	11/20/2012
21-Nov-12	11/21/2012	21-Nov-12	11/21/2012
3-Dec-12	12/3/2012	3-Dec-12	12/3/2012
3-Dec-12	12/3/2012	3-Dec-12	12/3/2012
3-Dec-12	12/3/2012	3-Dec-12	12/3/2012
4-Dec-12	12/4/2012	4-Dec-12	12/4/2012
6-Dec-12	12/6/2012	6-Dec-12	12/6/2012
10-Dec-12	12/10/2012	10-Dec-12	12/10/2012
11-Dec-12	12/11/2012	11-Dec-12	12/11/2012
19-Dec-12	12/19/2012	19-Dec-12	12/19/2012
19-Dec-12	12/19/2012	19-Dec-12	12/19/2012
21-Dec-12	12/21/2012	21-Dec-12	12/21/2012
23-Dec-12	12/23/2012	27-Dec-12	12/27/2012
23-Dec-12	12/23/2012	27-Dec-12	12/27/2012
27-Dec-12	12/27/2012	27-Dec-12	12/27/2012
27-Dec-12	12/27/2012	27-Dec-12	12/27/2012
27-Dec-12	12/27/2012	27-Dec-12	12/27/2012
27-Dec-12	12/27/2012	27-Dec-12	12/27/2012
31-Dec-12	12/31/2012	31-Dec-12	12/31/2012
31-Dec-12	12/31/2012	31-Dec-12	12/31/2012
2-Jan-13	1/2/2013	2-Jan-13	1/2/2013
3-Jan-13	1/3/2013	3-Jan-13	1/3/2013
4-Feb-13	2/4/2013	4-Feb-13	2/4/2013
4-Feb-13	2/4/2013	4-Feb-13	2/4/2013
4-Feb-13	2/4/2013	4-Feb-13	2/4/2013
4-Feb-13	2/4/2013	4-Feb-13	2/4/2013
4-Feb-13	2/4/2013	4-Feb-13	2/4/2013
4-Feb-13	2/4/2013	4-Feb-13	2/4/2013
4-Feb-13	2/4/2013	4-Feb-13	2/4/2013
4-Feb-13	2/4/2013	4-Feb-13	2/4/2013
4-Feb-13	2/4/2013	4-Feb-13	2/4/2013

Category 3	1	1
Category 3	2	2
Category 3	5	5
Category 3	300	300
Category 3	1	1
Category 3	20	20
Category 3	3	3
Category 3	5	5
Category 3	2	2
Category 3	1	1
Category 3	1	1
Category 3	1	1
Category 3	1	1
Category 3	1	1
Category 3	1	1
Category 3	1	1
Category 3	1	1
Category 3	45	45
Category 3	2	2
Category 3	2	2
Category 3	1	1
Category 3	5	5
Category 3	15	15
Category 3	1	1
Category 3	2	2
Category 3	40	40
Category 1	5	0
Category 3	1	1
Category 3	1	1
Category 3	10	10
Category 3	2	2
Category 3	5	5
Category 3	2	2
Category 3	5	5
Category 3	1	1
Category 3	1	1
Category 1	600	0
Category 1	100	0
Category 3	2	2
Category 3	1	1
Category 3	5	5
Category 3	1	1
Category 3	5	5
Category 3	3	3
Category 3	1	1
Category 3	2	2
Category 3	3	3
Category 3	1	1
Category 3	10	10
Category 3	1	1
Category 3	1	1
Category 3	4	4
Category 3	2	2
Category 3	3	3
Category 3	50	50

0	No	No
0	No	No
0	No	No
0	No	No
0	No	No
0	No	Yes
0	No	No
0	No	No
0	No	No
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0	No	No
0	No	No
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0	No	No
0	No	No
0	No	No
0	No	No
0	No	No
5	No	Yes
0	No	No
0	No	No
0	No	No
0	No	No
0	No	No
0	No	No
0	No	No
0	No	No
0	No	No
600	No	Yes
100	No	Yes
0	No	No
0	No	No
0	No	No
0	No	No
0	No	No
0	No	No
0	No	No
0	No	No
0	No	No
0	No	No
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0	No	No
0	No	No
0	No	No
0	No	Yes

Not Applicable - Spill did not reach a separate storm drainpipe
Not Applicable - Spill did not reach a separate storm drainpipe
Not Applicable - Spill did not reach a separate storm drainpipe
Not Applicable - Spill did not reach a separate storm drainpipe
Not Applicable - Spill did not reach a separate storm drainpipe
Yes
Not Applicable - Spill did not reach a separate storm drainpipe
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Not Applicable - Spill did not reach a separate storm drainpipe
Not Applicable - Spill did not reach a separate storm drainpipe
Yes

1559 Gordon
2409 Soscol
Graces Table
CMA Trancas
1233 Sierra
Trower @ Jefferson
1423 Sierra 1
1512 Trower
238 S.Seymour
2815 Carlos
3012 Donna
2455 MacLennan
909 Yount
1423 Sierra 2
1715 El Centro
1831 Myrtle
2520 Dorset
2214 Marin St
1561 BROWN ST
235 Randolph
4308 Dale
2274 Eva St
3229 Beard
2265 Brown
3736 Jefferson
4396 DALE DR
1582 East
2720 Idaho
3115 Encanto
1735 Central
2420 Redwood Rd
1022 Rowena
453 Mannering
2412 Yajome
1549 Noelle Way
2260 Adrian St
Browns Valley @ Mc Cormick
753 Jefferson
219 Roosevelt
25 Randolph
2312 Kathleen
421 E Berna
1514 Clay
2010 Ida Street
2533 Yajome
2402 Colina Ct
340 Pickwick
Small World Resturant
580 Madison
1125 Division St
3523 Glenbrook
940 Seymour
1088 Shetler
2132 W PArk
2452 Colina Court

38.33882	-122.3153	Napa
38.3153	-122.2855	Napa
38.30781	-122.24591	Napa
38.32408	-122.29223	Napa
38.3295	-122.30254	Napa
38.33291	-122.30842	Napa
38.32843	-122.30565	Napa
38.33283	-122.3089	Napa
38.28559	-122.29751	Napa
38.31047	-122.31792	Napa
38.31256	-122.3201	Napa
38.31564	-122.32013	Napa
38.3045	-122.28814	Napa
38.32843	-122.30565	Napa
38.34203	-122.29804	Napa
38.31288	-122.30591	Napa
38.28322	-122.3045	Napa
38.30698	-122.29986	Napa
38.30277	-122.28962	Napa
38.28986	-122.28794	Napa
38.33935	-122.31731	Napa
38.27914	-122.29518	Napa
38.32168	-122.2957	Napa
38.31014	-122.29518	Napa
38.33029	-122.30555	Napa
38.34135	-122.31838	Napa
38.31036	-122.27388	Napa
38.28711	-122.30819	Napa
38.34045	-122.32035	Napa
38.3106	-122.30377	Napa
38.31965	-122.31948	Napa
38.30632	-122.3373	Napa
38.2924	-122.30648	Napa
38.31349	-122.29201	Napa
38.31659	-122.31104	Napa
38.31036	-122.29223	Napa
38.30501	-122.33137	Napa
38.29563	-122.29389	Napa
38.29028	-122.30867	Napa
38.28684	-122.28901	Napa
38.31595	-122.31681	Napa
38.30495	-122.27006	Napa
38.2982	-122.29029	Napa
38.31067	-122.28605	Napa
38.31379	-122.29274	Napa
38.28463	-122.30177	Napa
38.28595	-122.30582	Napa
38.29828	-122.28661	Napa
38.29383	-122.2947	Napa
38.29508	-122.28362	Napa
38.30515	-122.34285	Napa
38.29759	-122.29689	Napa
38.28292	-122.26879	Napa
38.31108	-122.31126	Napa
38.28463	-122.30177	Napa

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Signs of overflow noticed during Preventative Maintenance

Gravity sewer
Gravity sewer
Gravity sewer
Building or structure
Gravity sewer
Gravity sewer;Manhole
Gravity sewer
Gravity sewer
Gravity sewer
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Gravity sewer
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Gravity sewer
Gravity sewer
Gravity sewer;Manhole
Gravity sewer
Gravity sewer
Gravity sewer
Gravity sewer
Gravity sewer
Gravity sewer
Gravity sewer
Gravity sewer
Gravity sewer
Gravity sewer
Gravity sewer;Manhole
Gravity sewer;Other sewer system structure;Other (specify)
Gravity sewer
Gravity sewer
Gravity sewer
Gravity sewer
Gravity sewer
Gravity sewer
Gravity sewer
Gravity sewer
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Gravity sewer
Gravity sewer
Gravity sewer
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Gravity sewer

District cleanout for lower lateral
District cleanout for lower lateral
District cleanout for lower lateral
Basement of church
District cleanout for lower lateral

District cleanout for lower lateral
District cleanout for lower lateral
District cleanout for lower lateral
District cleanout for lower lateral
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Appearance point was from water valve box in street
District cleanout for lower lateral
District cleanout for lower lateral
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District cleanout for lower lateral

Unpaved surface
Unpaved surface
Other paved surface
Building or structure
Unpaved surface
Separate storm drain;Street/curb and gutter
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Street/curb and gutter
Separate storm drain
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Separate storm drain;Street/curb and gutter
Separate storm drain;Street/curb and gutter
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Street/curb and gutter
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Separate storm drain;Street/curb and gutter

Washed down and vacuumed storm drain and returned all to sanitary sewer

Vacuumed and returned to sanitary sewer

cleaned and Vacuumed storm drain, returned to sanitary sewer

9/13/2012 5:00	9/13/2012 5:35	9/13/2012 6:00	9/13/2012 6:10
9/13/2012 8:00	9/13/2012 9:00	9/13/2012 9:00	9/13/2012 9:00
9/15/2012 8:30	9/15/2012 9:10	9/15/2012 9:20	9/15/2012 9:25
9/18/2012 14:30	9/18/2012 15:19	9/18/2012 15:46	9/18/2012 16:15
9/22/2012 7:00	9/22/2012 7:13	9/22/2012 7:25	9/22/2012 7:27
9/25/2012 10:45	9/25/2012 10:45	9/25/2012 10:45	9/25/2012 10:46
9/28/2012 16:00	9/28/2012 16:12	9/28/2012 16:35	9/28/2012 16:40
9/29/2012 15:20	9/29/2012 15:42	9/29/2012 16:05	9/29/2012 16:10
10/2/2012 11:00	10/2/2012 11:05	10/2/2012 11:10	10/2/2012 11:20
10/7/2012 10:15	10/7/2012 10:30	10/7/2012 11:15	10/7/2012 11:30
10/11/2012 11:00	10/11/2012 11:09	10/11/2012 11:20	10/11/2012 11:25
10/15/2012 12:00	10/15/2012 12:12	10/15/2012 12:30	10/15/2012 12:45
10/15/2012 15:00	10/15/2012 15:50	10/15/2012 17:20	10/15/2012 17:40
10/15/2012 19:30	10/15/2012 19:59	10/15/2012 20:25	10/15/2012 20:35
10/29/2012 15:15	10/29/2012 15:29	10/29/2012 15:40	10/29/2012 15:45
10/30/2012 8:00	10/30/2012 8:21	10/30/2012 8:24	10/30/2012 8:29
10/31/2012 14:00	10/31/2012 14:19	10/31/2012 14:50	10/31/2012 14:54
10/31/2012 15:00	10/31/2012 15:50	10/31/2012 16:08	10/31/2012 16:15
11/1/2012 16:30	11/1/2012 16:55	11/1/2012 17:13	11/1/2012 17:20
11/11/2012 8:45	11/11/2012 8:59	11/11/2012 9:18	11/11/2012 9:22
11/11/2012 16:30	11/11/2012 16:47	11/11/2012 17:04	11/11/2012 17:08
11/12/2012 23:00	11/12/2012 23:13	11/12/2012 23:29	11/12/2012 23:45
11/15/2012 12:00	11/15/2012 13:10	11/15/2012 13:20	11/15/2012 13:30
11/16/2012 10:30	11/16/2012 10:42	11/16/2012 11:00	11/16/2012 11:15
11/19/2012 8:25	11/19/2012 8:50	11/19/2012 8:55	11/19/2012 9:15
11/20/2012 10:00	11/20/2012 10:15	11/20/2012 10:25	11/20/2012 10:35
12/2/2012 7:45	12/2/2012 8:10	12/2/2012 8:20	12/2/2012 8:50
11/21/2012 13:01	11/21/2012 13:25	11/21/2012 13:30	11/21/2012 13:45
11/26/2012 14:45	11/26/2012 15:00	11/26/2012 15:15	11/26/2012 15:25
12/3/2012 15:30	12/3/2012 16:07	12/3/2012 16:15	12/3/2012 16:25
12/5/2012 11:30	12/5/2012 11:50	12/5/2012 12:30	12/5/2012 12:35
12/9/2012 12:00	12/9/2012 12:39	12/9/2012 12:57	12/9/2012 13:00
12/10/2012 16:00	12/10/2012 16:05	12/10/2012 16:30	12/10/2012 16:35
12/11/2012 17:15	12/11/2012 17:46	12/11/2012 18:22	12/11/2012 18:25
12/12/2012 11:00	12/12/2012 11:02	12/12/2012 11:25	12/12/2012 11:35
12/20/2012 17:15	12/20/2012 17:35	12/20/2012 18:05	12/20/2012 18:15
12/23/2012 12:25	12/23/2012 12:37	12/23/2012 13:00	12/23/2012 15:50
12/23/2012 12:00	12/23/2012 12:23	12/23/2012 13:00	12/23/2012 13:30
12/26/2012 8:00	12/26/2012 8:32	12/26/2012 8:40	12/26/2012 9:00
12/26/2012 9:00	12/26/2012 9:15	12/26/2012 10:00	12/26/2012 10:15
12/27/2012 10:00	12/27/2012 10:41	12/27/2012 11:00	12/27/2012 11:15
12/27/2012 12:00	12/27/2012 12:40	12/27/2012 12:50	12/27/2012 13:15
12/28/2012 12:30	12/28/2012 12:54	12/28/2012 13:15	12/28/2012 13:25
12/28/2012 16:15	12/30/2012 14:28	12/30/2012 15:00	12/30/2012 15:15
12/31/2012 13:00	12/31/2012 13:09	12/31/2012 13:25	12/31/2012 13:30
1/2/2013 22:30	1/2/2013 22:47	1/2/2013 23:00	1/2/2013 23:15
1/13/2013 11:00	1/13/2013 11:14	1/13/2013 11:30	1/13/2013 11:35
1/14/2013 14:00	1/14/2013 14:15	1/14/2013 14:30	1/14/2013 14:35
1/15/2013 9:00	1/15/2013 9:45	1/15/2013 10:15	1/15/2013 10:25
1/17/2013 14:15	1/17/2013 14:31	1/17/2013 15:15	1/17/2013 15:20
1/28/2013 11:45	1/28/2013 11:55	1/28/2013 12:10	1/28/2013 12:29
1/28/2013 14:20	1/28/2013 14:30	1/28/2013 14:45	1/28/2013 15:00
2/1/2013 12:00	2/1/2013 12:07	2/1/2013 13:40	2/1/2013 13:45
2/2/2013 7:30	2/2/2013 7:57	2/2/2013 8:15	2/2/2013 8:30
2/2/2013 15:00	2/2/2013 15:56	2/2/2013 16:15	2/2/2013 16:45

Root intrusion
Root intrusion
Debri-General
Grease deposition (FOG)
Root intrusion
Other (specify below)
Root intrusion
Pipe structural problem/failure
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Debri-General
Root intrusion
Root intrusion
Grease deposition (FOG)
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Debri-General
Root intrusion
Debri-General
Root intrusion
Root intrusion
Debri-Rags
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Flow exceeded capacity (Separate CS Only)
Debri-General
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Debri-General
Debri-General
Grease deposition (FOG)
Grease deposition (FOG)
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Vandalism

Suspected flushe cell phone

Too much debris accumelated during main line cleaning operations
Root intrusion at joint of cleanout
Offset joint

Rocks where inserted through cleanout

Lower Lateral
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4	ACP
4	ACP
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14	ACP
4	ACP
3	HDPE
4	ACP
4	Clay
4	ACP
4	ACP
4	ACP
4	clay
3	HDPE
4	ACP
6	Clay
3	HDPE
4	Clay
4	ACP
4	CIP
4	ACP
4	Clay
4	ACP
4	Clau
4	ACP
4	ACP
6	ACP
4	ACP
4	ACP
4	ACP
4	ACP
4	ACP
4	Clay
4	Clay
3	HDPE
4	CIP
10	ACP
8	Clay
4	Concrete
4	Clay
4	ACP
4	
4	Clay
4	ACP
4	Clay
6	ACP
3	HDPE
4	CIP
4	ACP
4	ACP
4	ACP
4	CIP
4	ACP
4	Various
4	ACP

45
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46
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Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Inspected sewer using CCTV to determine cause;Restored flow;Returned all or portion of spill to sanitary sewer system
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Inspected sewer using CCTV to determine cause;Restored flow;Returned all or portion of spill to sanitary sewer system
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Inspected sewer using CCTV to determine cause;Restored flow;Returned all or portion of spill to sanitary sewer system
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Inspected sewer using CCTV to determine cause;Restored flow;Returned all or portion of spill to sanitary sewer system
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Contained all or portion of spill;Inspected sewer using CCTV to determine cause;Restored flow
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill
Cleaned-up (mitigated effects of spill);Inspected sewer using CCTV to determine cause;Restored flow
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R

Returned all sewage down floor drain to sewer and had basement proffesionally cleaned and sanitized

Unable to recover spill due to rain and proximity to storm drain

Located spill during Preventive Maintenance

12/2/2012 9:50

12/23/2012 16:20
12/23/2012 14:00

Adjusted schedule/method of preventive maintenance

Plan rehabilitation or replacement of sewer
Plan rehabilitation or replacement of sewer

No

No
Yes

No

No
No

None

None
None
None
None
None
None
None
None
None
None
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Napa River
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None
Browns Valley Creek
Napa River
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None
None
None
None

No water quality samples taken;Not applicable to this spill

No water quality samples taken
No water quality samples taken

No water quality samples taken;Not applicable to this spill

No water quality samples taken
No water quality samples taken

127302 12/2/2012 10:20

127849 12/23/2012 16:28
127848 12/23/2012 16:20

2SSO10159	Active	791145	Greg Dawson	Certified
2SSO10159	Active	791261	Greg Dawson	Certified
2SSO10159	Active	791283	Greg Dawson	Certified
2SSO10159	Active	791654	Greg Dawson	Certified
2SSO10159	Active	791655	Greg Dawson	Certified
2SSO10159	Active	791772	Greg Dawson	Certified
2SSO10159	Active	791773	Greg Dawson	Certified
2SSO10159	Active	791816	Greg Dawson	Certified
2SSO10159	Active	791817	Greg Dawson	Certified
2SSO10159	Active	791870	Greg Dawson	Certified
2SSO10159	Active	792002	Greg Dawson	Certified
2SSO10159	Active	792004	Greg Dawson	Certified
2SSO10159	Active	792352	Greg Dawson	Certified
2SSO10159	Active	792353	Greg Dawson	Certified
2SSO10159	Active	792515	Greg Dawson	Certified
2SSO10159	Active	792517	Greg Dawson	Certified
2SSO10159	Active	792763	Greg Dawson	Certified
2SSO10159	Active	792866	Greg Dawson	Certified
2SSO10159	Active	793089	Greg Dawson	Certified
2SSO10159	Active	793551	Greg Dawson	Certified
2SSO10159	Active	793574	Greg Dawson	Certified
2SSO10159	Active	793575	Greg Dawson	Certified
2SSO10159	Active	793642	Greg Dawson	Certified
2SSO10159	Active	793770	Greg Dawson	Certified
2SSO10159	Active	794217	Greg Dawson	Certified
2SSO10159	Active	794219	Greg Dawson	Certified
2SSO10159	Active	794310	Greg Dawson	Certified
2SSO10159	Active	794423	Greg Dawson	Certified
2SSO10159	Active	794425	Greg Dawson	Certified
2SSO10159	Active	794506	Greg Dawson	Certified
2SSO10159	Active	794548	Greg Dawson	Certified
2SSO10159	Active	794772	Greg Dawson	Certified
2SSO10159	Active	794773	Greg Dawson	Certified
2SSO10159	Active	795538	Greg Dawson	Certified
2SSO10159	Active	796690	Todd Herrick	Certified
2SSO10159	Active	796692	Todd Herrick	Certified
2SSO10159	Active	797355	Greg Dawson	Certified
2SSO10159	Active	797356	Greg Dawson	Certified
2SSO10159	Active	797358	Greg Dawson	Certified
2SSO10159	Active	797359	Greg Dawson	Certified
2SSO10159	Active	797361	Greg Dawson	Certified
2SSO10159	Active	797362	Greg Dawson	Certified
2SSO10159	Active	797364	Greg Dawson	Certified
2SSO10159	Active	797489	Greg Dawson	Certified
2SSO10159	Active	797525	Greg Dawson	Certified
2SSO10159	Active	797828	Greg Dawson	Certified
2SSO10159	Active	797829	Greg Dawson	Certified
2SSO10159	Active	798524	Greg Dawson	Certified
2SSO10159	Active	798526	Greg Dawson	Certified
2SSO10159	Active	798527	Greg Dawson	Certified
2SSO10159	Active	798674	Greg Dawson	Certified
2SSO10159	Active	798675	Greg Dawson	Certified
2SSO10159	Active	798676	Greg Dawson	Certified
2SSO10159	Active	798677	Greg Dawson	Certified
2SSO10159	Active	798680	Greg Dawson	Certified

Collection Systems Technician
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935 Hartle Ct	845968
935 Hartle Ct	222590
935 Hartle Ct	923573
935 Hartle Ct	534277
935 Hartle Ct	142527
935 Hartle Ct	883017
935 Hartle Ct	426018
935 Hartle Ct	478134
935 Hartle Ct	494994
935 Hartle Ct	581545
935 Hartle Ct	659074
935 Hartle Ct	704940
935 Hartle Ct	245363
935 Hartle Ct	366864
935 Hartle Ct	891982
935 Hartle Ct	682308
935 Hartle Ct	197622
935 Hartle Ct	665456
935 Hartle Ct	855233
935 Hartle Ct	556350
935 Hartle Ct	403183
935 Hartle Ct	408305
935 Hartle Ct	996642
935 Hartle Ct	753858
935 Hartle Ct	455580
935 Hartle Ct	953896
935 Hartle Ct	195268
935 Hartle Ct	722134
935 Hartle Ct	406519
935 Hartle Ct	871399
935 Hartle Ct	738983
935 Hartle Ct	892859
935 Hartle Ct	242170
1515 Soscol Ferry Rd	350104
1515 Soscol Ferry Road	153614
1515 Soscol Ferry Road	422614
1515 Soscol Ferry Rd	310473
1515 Soscol Ferry Rd	145876
1515 Soscol Ferry Rd	171662
1515 Soscol Ferry Rd	776724
1515 Soscol Ferry Rd	773307
1515 Soscol Ferry Rd	451345
1515 Soscol Ferry Rd	683268
1515 Soscol Ferry Rd	918362
1515 Soscol Ferry Rd	972312
1515 Soscol Ferry Rd	298993
1515 Soscol Ferry Rd	808387
1515 Soscol Ferry Rd	282207
1515 Soscol Ferry Rd	954404
1515 Soscol Ferry Rd	844516
1515 Soscol Ferry Rd	534993
1515 Soscol Ferry Rd	349196
1515 Soscol Ferry Rd	759292
1515 Soscol Ferry Rd	234980
1515 Soscol Ferry Rd	112101

4-Feb-13	2/4/2013	4-Feb-13	2/4/2013
6-Feb-13	2/6/2013	6-Feb-13	2/6/2013
6-Feb-13	2/6/2013	6-Feb-13	2/6/2013
14-Feb-13	2/14/2013	14-Feb-13	2/14/2013
14-Feb-13	2/14/2013	14-Feb-13	2/14/2013
19-Feb-13	2/19/2013	19-Feb-13	2/19/2013
19-Feb-13	2/19/2013	19-Feb-13	2/19/2013
19-Feb-13	2/19/2013	19-Feb-13	2/19/2013
19-Feb-13	2/19/2013	19-Feb-13	2/19/2013
21-Feb-13	2/21/2013	21-Feb-13	2/21/2013
25-Feb-13	2/25/2013	25-Feb-13	2/25/2013
25-Feb-13	2/25/2013	25-Feb-13	2/25/2013
5-Mar-13	3/5/2013	5-Mar-13	3/5/2013
5-Mar-13	3/5/2013	5-Mar-13	3/5/2013
11-Mar-13	3/11/2013	11-Mar-13	3/11/2013
11-Mar-13	3/11/2013	11-Mar-13	3/11/2013
20-Mar-13	3/20/2013	20-Mar-13	3/20/2013
25-Mar-13	3/25/2013	25-Mar-13	3/25/2013
1-Apr-13	4/1/2013	1-Apr-13	4/1/2013
22-Apr-13	4/22/2013	22-Apr-13	4/22/2013
23-Apr-13	4/23/2013	23-Apr-13	4/23/2013
23-Apr-13	4/23/2013	23-Apr-13	4/23/2013
25-Apr-13	4/25/2013	25-Apr-13	4/25/2013
1-May-13	5/1/2013	1-May-13	5/1/2013
16-May-13	5/16/2013	16-May-13	5/16/2013
16-May-13	5/16/2013	16-May-13	5/16/2013
21-May-13	5/21/2013	21-May-13	5/21/2013
23-May-13	5/23/2013	23-May-13	5/23/2013
23-May-13	5/23/2013	23-May-13	5/23/2013
28-May-13	5/28/2013	28-May-13	5/28/2013
29-May-13	5/29/2013	29-May-13	5/29/2013
5-Jun-13	6/5/2013	5-Jun-13	6/5/2013
5-Jun-13	6/5/2013	5-Jun-13	6/5/2013
13-Jun-13	6/13/2013	13-Jun-13	6/13/2013
11-Jul-13	7/11/2013	11-Jul-13	7/11/2013
11-Jul-13	7/11/2013	11-Jul-13	7/11/2013
30-Jul-13	7/30/2013	30-Jul-13	7/30/2013
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30-Jul-13	7/30/2013	30-Jul-13	7/30/2013
30-Jul-13	7/30/2013	30-Jul-13	7/30/2013
30-Jul-13	7/30/2013	30-Jul-13	7/30/2013
2-Aug-13	8/2/2013	2-Aug-13	8/2/2013
5-Aug-13	8/5/2013	5-Aug-13	8/5/2013
13-Aug-13	8/13/2013	13-Aug-13	8/13/2013
13-Aug-13	8/13/2013	13-Aug-13	8/13/2013
5-Sep-13	9/5/2013	5-Sep-13	9/5/2013
5-Sep-13	9/5/2013	5-Sep-13	9/5/2013
5-Sep-13	9/5/2013	5-Sep-13	9/5/2013
11-Sep-13	9/11/2013	11-Sep-13	9/11/2013
11-Sep-13	9/11/2013	11-Sep-13	9/11/2013
11-Sep-13	9/11/2013	11-Sep-13	9/11/2013
11-Sep-13	9/11/2013	11-Sep-13	9/11/2013
11-Sep-13	9/11/2013	11-Sep-13	9/11/2013

Category 3		1	1
Category 3		3	3
Category 3		2	2
Category 3		2	2
Category 3		5	5
Category 3		20	20
Category 3		2	2
Category 3		1	1
Category 3		1	1
Category 3		2	2
Category 3		3	3
Category 3		1	1
Category 3		30	30
Category 3		5	5
Category 3		1	1
Category 3		2	2
Category 3		3	3
Category 3		2	2
Category 3		10	10
Category 3		1	1
Category 3		3	3
Category 3		10	10
Category 3		5	5
Category 3		3	3
Category 3		1	1
Category 3		2	2
Category 3		20	20
Category 3		2	2
Category 3		2	2
Category 3		1	1
Category 3		2	2
Category 3		1	1
Category 3		2	2
Category 3		10	10
Category 3		746	375
Category 3		1	1
Category 3		1	1
Category 3		1	1
Category 3		100	65
Category 3		1	1
Category 3		1	1
Category 3		10	10
Category 3		1	1
Category 3		10	10
Category 3		10	10
Category 3		1	1
Category 3		1	1
Category 3		1	1
Category 3		20	20
Category 3		2	2
Category 3	5	5	5
Category 3	2	2	2
Category 3	3	3	3
Category 3	3	3	3
Category 3	3	3	3

0	No	No
0	No	No
0	No	No
0	No	No
0	No	No
0	No	No
0	No	No
0	No	No
0	No	No
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Not Applicable - Spill did not reach a separate storm drainpipe
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4145 Fairfax
3340 Twin Oaks
4406 Summerfield
1718 York
1133 Eggleston
10 Abbey Court
1025 Pine
1510 Juanita Court
2010 W Lincoln
18 Bonita
614 Montecito
1341 Menlo
1002 Wyatt
2086 Shurtleff
2815 CARLOS
2446 MACLEAN ST
1053 Round Hill Circle
3261 Piedmont
670 Lincoln
2047 W F ST
2500 INDIANA
2470 MERCED ST
510 S JEFFERSON ST
2047 W F ST #2
26 VILLAGE PARKWAY
356 BROWN ST
1003 SHETLER AVE
2500 INDIANA ST NAPA CA 94558
2585 ADRIAN ST NAPA CA 94558
313 FRANKLIN
2110 EUCLID AVE
4406 SUMMERFIELD Dr
2570 MERCED ST
573 PATCHETT ST NAPA CA 94559
2900 Hillcrest
1710 Spruce Street
2320 Oak St
48 QUEENS CT NAPA CA 94558
WYATT RD NAPA CA 94559
2165 MARSHALL AV NAPA CA 94559
1528 PUEBLO AV NAPA CA 94558
1691 KING AV NAPA CA 94559
11 GLEN CT NAPA CA 94558
1234 3RD ST NAPA CA 94559
1531 MENLO AV NAPA CA 94558
520 FOOTHILL BV NAPA CA 94558
2050 BROWN ST NAPA CA 94559
1861 ADRIAN ST NAPA CA 94559
Economy Market
573 PATCHETT ST NAPA CA 94559
2038 W LINCOLN AV NAPA CA 94558
2110 IMOLA AV NAPA CA 94559
1418 A ST NAPA CA 94559
2120 LERNHART ST NAPA CA 94559
3561 DOVER ST NAPA CA 94558

38.33064	-122.3247	Napa
38.30028	-122.33642	Napa
38.34416	-122.31294	Napa
38.30293	-122.29669	Napa
38.30242	-122.2914	Napa
38.31076	-122.32841	Napa
38.28982	-122.28407	Napa
38.2869	-122.25744	Napa
38.30702	-122.30662	Napa
38.30123	-122.27167	Napa
38.30437	-122.26361	Napa
38.3133	-122.29798	Napa
38.29168	-122.26913	Napa
38.2864	-122.2633	Napa
38.31047	-122.31792	Napa
38.31836	-122.32036	Napa
38.30315	-122.33763	Napa
38.32195	-122.29761	Napa
38.31056	-122.28317	Napa
38.30296	-122.30706	Napa
38.28471	-122.30416	Napa
38.30852	-122.30317	Napa
38.28292	-122.29348	Napa
38.30296	-122.30706	Napa
38.27959	-122.30541	Napa
38.29096	-122.28406	Napa
38.28211	-122.27312	Napa
38.28471	-122.30416	Napa
38.31433	-122.29408	Napa
38.29136	-122.28871	Napa
38.31016	-122.30972	Napa
38.34416	-122.31294	Napa
38.31025	-122.30367	Napa
38.29386	-122.29628	Napa
38.35189	-122.25441	Napa
38.28669	-122.29234	Napa
38.29577	-122.29921	Napa
38.30578	-122.31728	Napa
38.29159	-122.26734	Napa
38.28141	-122.26666	Napa
38.31508	-122.30139	Napa
38.31025	-122.27136	Napa
38.31339	-122.31986	Napa
38.29691	-122.28653	Napa
38.31294	-122.30111	Napa
38.29317	-122.31002	Napa
38.30762	-122.29333	Napa
38.30589	-122.29015	Napa
38.28041	-122.26778	Napa
38.29386	-122.29628	Napa
38.30684	-122.30743	Napa
38.28018	-122.25638	Napa
38.30142	-122.29522	Napa
38.28398	-122.29748	Napa
38.32127	-122.31694	Napa

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Lateral Clean Out (Public);Lower Lateral (Public)
Lateral Clean Out (Public);Lower Lateral (Public)
Lateral Clean Out (Public);Lower Lateral (Public)
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Lateral Clean Out (Public);Lower Lateral (Public)

District cleanout for lower lateral
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2/2/2013 9:15	2/2/2013 9:35	2/2/2013 9:45	2/2/2013 10:00
2/4/2013 13:30	2/4/2013 14:04	2/4/2013 14:15	2/4/2013 14:30
2/5/2013 9:15	2/5/2013 9:35	2/5/2013 9:45	2/5/2013 10:00
2/12/2013 8:30	2/12/2013 8:57	2/12/2013 9:25	2/12/2013 9:45
2/13/2013 9:00	2/13/2013 9:33	2/13/2013 9:45	2/13/2013 9:50
2/16/2013 8:00	2/16/2013 9:58	2/16/2013 10:40	2/16/2013 10:55
2/17/2013 13:00	2/17/2013 13:20	2/17/2013 13:50	2/17/2013 13:55
2/15/2013 11:00	2/15/2013 11:29	2/15/2013 11:45	2/15/2013 11:50
2/15/2013 14:30	2/15/2013 14:45	2/15/2013 14:50	2/15/2013 15:00
2/20/2013 15:00	2/20/2013 16:02	2/20/2013 16:15	2/20/2013 16:30
2/21/2013 14:00	2/21/2013 14:41	2/21/2013 15:05	2/21/2013 15:15
2/23/2013 15:30	2/23/2013 15:55	2/23/2013 16:15	2/23/2013 16:20
3/2/2013 8:00	3/2/2013 15:55	3/2/2013 16:15	3/2/2013 16:20
3/4/2013 12:00	3/4/2013 14:10	3/4/2013 14:15	3/4/2013 14:40
3/9/2013 9:00	3/9/2013 9:21	3/9/2013 9:51	3/9/2013 9:55
3/9/2013 17:00	3/9/2013 17:28	3/9/2013 17:40	3/9/2013 17:45
3/15/2013 7:30	3/15/2013 8:19	3/15/2013 8:38	3/15/2013 8:40
3/24/2013 14:00	3/24/2013 14:23	3/24/2013 14:35	3/24/2013 14:40
3/27/2013 13:30	3/27/2013 14:00	3/27/2013 14:15	3/27/2013 14:30
4/20/2013 18:30	4/20/2013 18:55	4/20/2013 19:10	4/20/2013 19:15
4/22/2013 10:45	4/22/2013 11:04	4/22/2013 11:40	4/22/2013 11:45
4/22/2013 16:00	4/22/2013 16:19	4/22/2013 16:35	4/22/2013 16:40
4/23/2013 7:00	4/23/2013 7:34	4/23/2013 8:10	4/23/2013 8:15
4/30/2013 18:30	4/30/2013 18:58	4/30/2013 19:25	4/30/2013 21:30
5/9/2013 11:20	5/9/2013 11:40	5/9/2013 11:50	5/9/2013 12:00
5/15/2013 12:00	5/15/2013 12:30	5/15/2013 12:30	5/15/2013 12:40
5/20/2013 16:00	5/20/2013 17:10	5/20/2013 17:20	5/20/2013 17:25
5/22/2013 8:00	5/22/2013 8:25	5/22/2013 8:40	5/22/2013 8:45
5/22/2013 11:50	5/22/2013 12:00	5/22/2013 12:30	5/22/2013 12:35
5/24/2013 8:00	5/24/2013 8:22	5/24/2013 8:30	5/24/2013 8:45
5/29/2013 8:30	5/29/2013 8:50	5/29/2013 9:05	5/29/2013 9:10
6/4/2013 10:00	6/4/2013 10:11	6/4/2013 10:20	6/4/2013 10:30
6/4/2013 13:00	6/4/2013 13:11	6/4/2013 13:20	6/4/2013 13:30
6/6/2013 8:00	6/6/2013 9:10	6/6/2013 9:20	6/6/2013 9:30
6/30/2013 19:00	6/30/2013 19:49	6/30/2013 20:17	6/30/2013 21:24
7/1/2013 13:00	7/1/2013 13:42	7/1/2013 13:55	7/1/2013 14:00
7/5/2013 11:00	7/5/2013 11:40	7/5/2013 12:00	7/5/2013 12:05
7/5/2013 18:30	7/5/2013 19:00	7/5/2013 19:15	7/5/2013 19:20
7/11/2013 17:20	7/11/2013 17:53	7/11/2013 18:05	7/11/2013 18:20
7/6/2013 15:30	7/6/2013 15:54	7/6/2013 16:14	7/6/2013 16:20
7/7/2013 17:30	7/7/2013 17:52	7/7/2013 18:15	7/7/2013 18:20
7/23/2013 7:00	7/23/2013 8:23	7/23/2013 9:15	7/23/2013 9:30
7/29/2013 8:45	7/29/2013 9:05	7/29/2013 10:15	7/29/2013 10:30
8/1/2013 22:00	8/1/2013 22:28	8/1/2013 22:40	8/1/2013 23:15
8/2/2013 13:00	8/2/2013 13:55	8/2/2013 14:10	8/2/2013 14:20
8/12/2013 10:29	8/12/2013 10:55	8/12/2013 11:00	8/12/2013 11:05
8/12/2013 12:29	8/12/2013 12:47	8/12/2013 16:10	8/12/2013 16:15
8/14/2013 8:30	8/14/2013 8:46	8/14/2013 9:00	8/14/2013 9:05
8/17/2013 12:00	8/17/2013 12:48	8/17/2013 14:15	8/17/2013 14:25
8/19/2013 20:30	8/19/2013 20:56	8/19/2013 21:20	8/19/2013 21:30
8/20/2013 8:30	8/20/2013 9:12	8/20/2013 10:40	8/20/2013 10:52
8/22/2013 7:00	8/22/2013 7:32	8/22/2013 7:50	8/22/2013 8:05
8/23/2013 16:00	8/23/2013 16:39	8/23/2013 17:20	8/23/2013 17:25
8/24/2013 9:29	8/24/2013 9:55	8/24/2013 10:50	8/24/2013 11:05
8/26/2013 7:00	8/26/2013 7:49	8/26/2013 8:28	8/26/2013 8:30

Root intrusion
Root intrusion
Debri-Rags
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Pipe structural problem/failure
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Pipe structural problem/failure
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Debri-General
Root intrusion
Other (specify below)
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Debri-Rags
Debri-General
Root intrusion
Root intrusion
Root intrusion
Pipe structural problem/failure
Pipe structural problem/failure
Root Intrusion
Root Intrusion
Debris-General
Root Intrusion
Root Intrusion

Offset in pipe
Offset in pipe

Pipe offset at coupling

Water installation contractor dug through sanitary sewer main in two places.

Lower Lateral
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	4 Plastic
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	4 CIPP
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	4 CIPP
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	6 Clay
	3 HDPE
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	4 Variable
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	6 Clay
	3 HDPE
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	4 Clay
	4 CIP
	6 Concrete
	4 Clay
No	4 Clay
No	4 ACP
No	4 Clay
No	4 Clay
No	4 ACP

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Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Inspected sewer using CCTV to determine cause;Restored flow;Returned all or portion of spill to sanitary sewer system
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
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Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
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Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
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Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Inspected sewer using CCTV to determine cause;Restored flow;Returned all or portion of spill to sanitary sewer system
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
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Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R

Vacuumed and returned spill and wash up to sanitary sewer
Vacuumed spill and wash water and returned to sanitary sewer

Vacuumed and returned to sanitary sewer

Vacuumed spill and wash water and returned to sanitary sewer

Used combination jetter/vacuum trucks to clean main and open obstuctions.

None
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Greg Dawson Collection Systems	7072586000
Greg Dawson Collection Systems	(707)258-6000
Greg Dawson Collection Systems	(707)258-6000 x525
Greg Dawson Collection Systems	(707)258-6000 x525
Greg Dawson Collection Systems	(707)258-6000 x525

2SSO10159	Active	798681	Greg Dawson	Certified
2SSO10159	Active	798682	Greg Dawson	Certified
2SSO10159	Active	798684	Greg Dawson	Certified
2SSO10159	Active	798685	Greg Dawson	Certified
2SSO10159	Active	798686	Greg Dawson	Certified
2SSO10159	Active	799618	Greg Dawson	Certified
2SSO10159	Active	799620	Greg Dawson	Certified
2SSO10159	Active	799622	Greg Dawson	Certified
2SSO10159	Active	799623	Greg Dawson	Certified
2SSO10159	Active	799624	Greg Dawson	Certified
2SSO10159	Active	799626	Greg Dawson	Certified
2SSO10159	Active	799628	Greg Dawson	Certified
2SSO10159	Active	799629	Greg Dawson	Certified
2SSO10159	Active	799630	Greg Dawson	Certified
2SSO10159	Active	799631	Greg Dawson	Certified
2SSO10159	Active	799632	Greg Dawson	Certified
2SSO10159	Active	800678	Greg Dawson	Certified
2SSO10159	Active	800679	Greg Dawson	Certified
2SSO10159	Active	800680	Greg Dawson	Certified
2SSO10159	Active	800682	Greg Dawson	Certified
2SSO10159	Active	800684	Greg Dawson	Certified
2SSO10159	Active	800685	Greg Dawson	Certified
2SSO10159	Active	800686	Greg Dawson	Certified
2SSO10159	Active	800689	Greg Dawson	Certified
2SSO10159	Active	800690	Greg Dawson	Certified
2SSO10159	Active	800691	Greg Dawson	Certified
2SSO10159	Active	800692	Greg Dawson	Certified
2SSO10159	Active	800693	Greg Dawson	Certified
2SSO10159	Active	800699	Greg Dawson	Certified
2SSO10159	Active	800866	Greg Dawson	Certified
2SSO10159	Active	800868	Greg Dawson	Certified
2SSO10159	Active	800869	Greg Dawson	Certified
2SSO10159	Active	800870	Greg Dawson	Certified
2SSO10160	Active	654046	Brian Ullensvang	Certified
2SSO10160	Active	657547	Brian Ullensvang	Certified
2SSO10160	Active	706779	Brian Ullensvang	Certified
2SSO10160	Active	707944	Brian Ullensvang	Certified
2SSO10160	Active	707950	Brian Ullensvang	Certified
2SSO10160	Active	712149	Brian Ullensvang	Certified
2SSO10160	Active	724506	Brian Ullensvang	Certified
2SSO10160	Active	729092	Brian Ullensvang	Certified
2SSO10160	Active	742534	Brian Ullensvang	Certified
2SSO10160	Active	742541	Brian Ullensvang	Certified
2SSO10160	Active	744534	Brian Ullensvang	Certified
2SSO10160	Active	776283	Brian Ullensvang	Certified
2SSO10160	Active	776289	Brian Ullensvang	Certified
2SSO10160	Active	776290	Brian Ullensvang	Certified
2SSO10160	Active	776291	Brian Ullensvang	Certified
2SSO10160	Active	784838	Brian Ullensvang	Certified
2SSO10160	Active	788831	Brian Ullensvang	Certified
2SSO10160	Active	789006	Brian Ullensvang	Certified
2SSO10160	Active	793192	Brian Ullensvang	Certified
2SSO10160	Active	793909	Brian Ullensvang	Certified
2SSO10160	Active	796769	Brian Ullensvang	Certified
2SSO10160	Active	798937	Brian Ullensvang	Certified

Collection Systems Technician
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Chf, Env & Safety Programs
Chief, Environmental & Safety Programs Office, GGNRA
Environmental & Safety Programs Manager
Environmental Programs Manager
Environmental Programs Manager
Manager, Environmental & Safety Programs
Chief, Env. & Safety Programs Office, GGNRA
Chief, Environmental and Safety Programs Office
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1515 Soscol Ferry Rd		577771
1515 Soscol Ferry Rd		600706
1515 Soscol Ferry Rd		466196
1515 Soscol Ferry Rd		588030
1515 Soscol Ferry Rd		111140
1515 Soscol Ferry Rd		907361
1515 Soscol Ferry Rd		383317
1515 Soscol Ferry Rd		582606
1515 Soscol Ferry Rd		141358
1515 Soscol Ferry Rd		829208
1515 Soscol Ferry Rd		891997
1515 Soscol Ferry Rd		707581
1515 Soscol Ferry Rd		637344
1515 Soscol Ferry Rd		640469
1515 Soscol Ferry Rd		790166
1515 Soscol Ferry Rd		560305
1515 Soscol Ferry Rd		274041
1515 Soscol Ferry Rd		666951
1515 Soscol Ferry Rd		220376
1515 Soscol Ferry Rd		499264
1515 Soscol Ferry Rd		267797
1515 Soscol Ferry Rd		539639
1515 Soscol Ferry Rd		579935
1515 Soscol Ferry Rd		919679
1515 Soscol Ferry Rd		951762
1515 Soscol Ferry Rd		138277
1515 Soscol Ferry Rd		685288
1515 Soscol Ferry Rd		785653
1515 Soscol Ferry Rd		595757
1515 Soscol Ferry Rd		693036
1515 Soscol Ferry Rd		448716
1515 Soscol Ferry Rd		519869
1515 Soscol Ferry Rd		403625
San Francisco, CA		744518
	17:20	557159
San Francisco		705477
San Francisco, CA		531119
San Francisco, CA		693785
San Francisco		873281
San Francisco		165642
San Francisco		716789
San Francisco		961847
San Francisco		679382
San Francisco CA		114718
San Francisco		489437
San Francisco		193968
San Francisco		690573
San Francisco		863059
San Francisco		379930
San Francisco		388007
San Francisco, CA		263585
San Francisco		225138
San Francisco		155740
San Francisco		836448
San Francisco CA		533382

11-Sep-13	9/11/2013	11-Sep-13	9/11/2013
11-Sep-13	9/11/2013	11-Sep-13	9/11/2013
11-Sep-13	9/11/2013	11-Sep-13	9/11/2013
11-Sep-13	9/11/2013	11-Sep-13	9/11/2013
11-Sep-13	9/11/2013	11-Sep-13	9/11/2013
10-Oct-13	10/10/2013	10-Oct-13	10/10/2013
10-Oct-13	10/10/2013	10-Oct-13	10/10/2013
10-Oct-13	10/10/2013	10-Oct-13	10/10/2013
10-Oct-13	10/10/2013	10-Oct-13	10/10/2013
10-Oct-13	10/10/2013	10-Oct-13	10/10/2013
10-Oct-13	10/10/2013	10-Oct-13	10/10/2013
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10-Oct-13	10/10/2013	10-Oct-13	10/10/2013
10-Oct-13	10/10/2013	10-Oct-13	10/10/2013
10-Oct-13	10/10/2013	10-Oct-13	11/5/2013
12-Nov-13	11/12/2013	12-Nov-13	11/12/2013
12-Nov-13	11/12/2013	12-Nov-13	11/12/2013
12-Nov-13	11/12/2013	12-Nov-13	11/12/2013
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12-Nov-13	11/12/2013	12-Nov-13	11/12/2013
12-Nov-13	11/12/2013	12-Nov-13	11/12/2013
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19-Nov-13	11/19/2013	19-Nov-13	11/19/2013
19-Nov-13	11/19/2013	19-Nov-13	11/19/2013
19-Nov-13	11/19/2013	19-Nov-13	11/19/2013
12-Jul-07		16-Dec-10	12/16/2010
17-Sep-07		17-Sep-07	9/17/2007
29-Oct-07		29-Oct-07	10/29/2007
20-Nov-07		20-Nov-07	11/20/2007
20-Nov-07		20-Nov-07	11/20/2007
31-Jan-08		31-Jan-08	1/31/2008
11-Aug-08		11-Aug-08	8/11/2008
7-Nov-08		13-Nov-08	11/13/2008
6-Aug-09		11-Aug-09	8/11/2009
6-Aug-09		11-Aug-09	8/11/2009
10-Sep-09		14-Sep-09	9/14/2009
23-Jan-12	1/23/2012	25-Jan-12	1/25/2012
23-Jan-12	1/23/2012	25-Jan-12	1/25/2012
23-Jan-12	1/23/2012	25-Jan-12	1/25/2012
23-Jan-12	1/23/2012	25-Jan-12	1/25/2012
8-Aug-12	8/8/2012	8-Aug-12	8/8/2012
6-Dec-12	12/6/2012	6-Dec-12	12/6/2012
13-Dec-12	12/13/2012	18-Dec-12	12/18/2012
4-Apr-13	4/4/2013	8-Apr-13	4/8/2013
3-May-13	5/3/2013	6-May-13	5/6/2013
15-Jul-13	7/15/2013	15-Jul-13	7/15/2013
21-Sep-13	9/21/2013	23-Sep-13	9/23/2013

Category 3	10	10	10
Category 3	1	1	1
Category 3	1	1	1
Category 3	1	1	1
Category 3	30	30	30
Category 3	2	2	2
Category 3	1	1	1
Category 3	5	5	5
Category 3	1	1	1
Category 3	5	5	5
Category 3	2	2	2
Category 3	1	1	1
Category 3	1	1	1
Category 3	1	1	1
Category 3	1	1	1
Category 3	0	300	300
Category 3	40	40	40
Category 3	5	5	5
Category 3	3	3	3
Category 3	1	1	1
Category 3	2	2	2
Category 3	1	1	1
Category 3	1	1	1
Category 3	1	1	1
Category 3	1	1	1
Category 3	5	5	5
Category 3	3	3	3
Category 3	1	1	1
Category 3	5	5	5
Category 3	1	1	1
Category 3	1	1	1
Category 3	1	1	1
Category 3	5	5	5
Category 3		5	5
Category 1		40	0
Category 2		1000	0
Category 3		170	0
Category 3		200	0
Category 3		500	0
Category 3		200	0
Category 3		900	0
Category 1		3000	0
Category 1		1000	0
Category 1		5000	0
Category 3		50	0
Category 3		50	0
Category 3		100	0
Category 3		30	30
Category 1		300	0
Category 3		100	0
Category 1		7867	0
Category 3		100	0
Category 1		200	0
Category 3		100	0
Category 3	200	200	200

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10	Yes	No
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3000	Yes	Yes
1000	Yes	No
5000	Yes	Yes
0	No	No
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100	No	Yes
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7867	No	No
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200	No	No
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Not Applicable - Spill did not reach a separate storm drainpipe
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299 S HARTSON ST NAPA CA 94559
3736 JEFFERSON ST NAPA CA 94558
350 AGUIRRE WY NAPA CA 9455
2099 W PUEBLO AV NAPA CA 94558
3367 CALIFORNIA (OLD) WY NAPA CA 94558
85 BERNA AV NAPA CA 94559
151 RANDOLPH ST NAPA CA 94559
332 BROWN ST NAPA CA 94559
1673 SYCAMORE ST NAPA CA 94559
129 HOMEWOOD AV NAPA CA 94558
1305 SPROUL AV NAPA CA 94559
1586 MOSSWOOD DR NAPA CA 94558
3500 DOVER ST NAPA CA 94558
2056 S TERRACE DR NAPA CA 94559
3570 JEFFERSON ST NAPA CA 94558
Shurtleff @ Terrace
1511 JEFFERSON ST NAPA CA 94559
51 MORGAN LN NAPA CA 94558
2345 LOUISA ST NAPA CA 94558
8 KENWOOD ST NAPA CA 94558
1621 ARCADIA CT NAPA CA 94558
2547 ADRIAN ST NAPA CA 94558
18 BONITA AV NAPA CA 94559
11 BURNETTE CT NAPA CA 94558
3808 JEFFERSON ST NAPA CA 94558
350 AGUIRRE WY NAPA CA 94559
2298 THIRD ST NAPA CA 94559
1531 MENLO AV NAPA CA 94558
28 MONTECITO BV NAPA CA 94559
4055 ENCINA DR NAPA CA 94558
2531 VINTAGE CT NAPA CA 94558
2104 LONE OAK AV NAPA CA 94558
533 WESTGATE DR NAPA CA 94558
Alcatraz Island - Floating Dock
Muir Woods Lift Station #1
Fort Baker Parking Lot, between Bldgs 405 and 407
Fort Barry Lift Station Bldg 840
Fort Barry Lift Station Bldg 840
Building 840 Lift Station
Stinson Beach - Life Guard Tower Tank
Fort Barry Building 931
Fort Cronkhite Kirkpatrick Road
Muir Woods National Monument
Fort Cronkhite Kirkpatrick Road
Battery Alexander Parking Lot
Battery Alexander Parking Lot
Battery Alexander Parking Lot
Alcatraz Island
Fort Baker Parade Ground
Baker Barry Tunnel
Bunker Road
Baker Barry Tunnel
Baker Barry Tunnel
Muir Woods Annex Parking Lot, Manhole #12
Bunker Road

38.28487	-122.29557	Napa
38.33029	-122.30555	Napa
38.29587	-122.27148	Napa
38.31249	-122.31236	Napa
38.32045	-122.30721	Napa
38.30458	-122.27519	Napa
38.28856	-122.28838	Napa
38.29065	-122.28422	Napa
38.28702	-122.29175	Napa
38.29497	-122.30984	Napa
38.30538	-122.26868	Napa
38.34692	-122.32184	Napa
38.3209	-122.316	Napa
38.28399	-122.26881	Napa
38.3264	-122.3025	Napa
38.29048	-122.26935	Napa
38.30158	-122.29414	Napa
38.30864	-122.31487	Napa
38.31181	-122.29113	Napa
38.31249	-122.27382	Napa
38.33153	-122.30946	Napa
38.31381	-122.29384	Napa
38.30123	-122.27167	Napa
38.31464	-122.30832	Napa
38.33136	-122.30637	Napa
38.29587	-122.27148	Napa
38.29649	-122.30038	Napa
38.31274	-122.30105	Napa
38.3019	-122.27133	Napa
38.34209	-122.32218	Napa
38.32629	-122.33273	Napa
38.30792	-122.309	Napa
38.35324	-122.25126	Napa
37.825	-122.42	San Francisco
37.891	-122.570145	Marin
37.834	-122.48	Marin
37.831	-122.52	Marin
37.831	-122.52	Marin
37.831	122.52	Marin
37.895	-122.639	Marin
37.8314	-122.52	Marin
37.8612	-122.4294	Marin
37.902428	-122.699501	Marin
38.10983654	-122.503563	Marin
37.82659	-122.5272	Marin
37.82659	-122.5272	Marin
37.82659	-122.5272	Marin
37.8264	-122.4222	San Francisco
37.83437	-122.47871	Marin
37.83948	-122.48657	Marin
37.83162	-122.51369	Marin
37.83905	-122.48599	Marin
37.83931	-122.48683	Marin
37.89192	-122.56931	Marin
37.83328	-122.52181	Marin

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Crack in pump-out hose on the floating dock.
Manhole overflow located between the annex and main parking lot. Small trickle was overflowing out of the manhole and
Spill occured on an unpaved parking lot (base rock) and flowed up to some straw wattles which held most of the effluent f
Effluent was flowing out of the manhole lid closest to the lift station.

Spill occurred from the overflowing wet well located at the lift station.
Sewer tank near the restroom at the life guard tower.
Lift Station Building 931
Upstream of Kirkpatrick along the drainage channel.
Under the boardwalk between manholes #3 and #4. (flagpole and first bench on the boardwalk).
Upstream of Kirkpatrick Road along the drainage channel.
Approach Road to Battery Alexander Parking Lot

Chase at entrance to parade ground.
Overflow from manhole located on west side of Murray Circle, 75 yards north of Center Road intersection.
Above ground sewer main inside the tunnel.
Beside Bunker Road in the Marin Headlands, just east of the Presidio Riding Club.
Force main inside Baker Barry Tunnel
1,000 feet east of west end of tunnel.
Manhole #12, 50 feet east of the Dipsea Trail where it exits the Muir Woods Annex Parking Lot.

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rom spilling over down a short hill. The

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Lateral Clean Out (Public);Lower Lateral (Public)
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Manhole
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Gravity Mainline
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Lateral Clean Out (Public)
Lateral Clean Out (Public)
Lower Lateral (Public)
Lateral Clean Out (Public)
Lateral Clean Out (Public)
Lateral Clean Out (Public)
Manhole
Lateral Clean Out (Public)
Lateral Clean Out (Public)
Lower Lateral (Public)
Lateral Clean Out (Public)
Other sewer system structure
Manhole
Manhole
Manhole
Manhole
Other (specify)
Gravity sewer
Pump station
Manhole
Manhole
Manhole
Force main or pressure sewer
Force main or pressure sewer
Force main or pressure sewer
Other (specify)
Manhole
Force main or pressure sewer
Force main or pressure sewer
Force main or pressure sewer
Force main or pressure sewer
Manhole
Force Main

New manhole installed on existing mainline with small hole into pipe

Effluent was leaking through the top of the wet well covers.

Concrete chase at the entrance to the parade ground.

Crack in the above ground main.

Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Paved Surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Separate Storm Drain
Paved Surface
Paved Surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Paved Surface;Street/Curb and Gutter
Other (specify below)
Surface water;Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Other (specify below)
Unpaved surface
Surface water
Surface water
Surface water
Unpaved surface
Unpaved surface
Unpaved surface
Other (specify below)
Separate storm drain;Street/curb and gutter;Unpaved surface
Street/curb and gutter
Unpaved surface
Street/curb and gutter
Street/curb and gutter
Unpaved surface
Unpaved surface

The spill was isolated to the deck of the floating dock.
30 gallons into soil. 10 gallons into Redwood Creek.

Effluent puddled on the unpaved surface surrounding the wet well and manhole.
Spill was contained on three sides by a retaining wall. On the fourth side the spill entered the dune area.

Spilled fluid was pumped back into sewage system after repairs.

Overflow ran along unpaved ditch, accross Bunker Road, and pooled in a gravel road pull-out. Spill infiltrated into grounc

Dirt levee was constructed to prevent spill from entering Redwood Creek.

9/4/2013 10:30	9/4/2013 10:52	9/4/2013 11:05	9/4/2013 12:00
9/7/2013 0:45	9/7/2013 3:13	9/7/2013 3:30	9/7/2013 3:45
9/9/2013 9:00	9/9/2013 9:15	9/9/2013 9:25	9/9/2013 9:30
9/9/2013 18:00	9/9/2013 18:29	9/9/2013 18:45	9/9/2013 18:50
9/10/2013 16:30	9/10/2013 17:13	9/10/2013 17:20	9/10/2013 17:25
9/11/2013 9:00	9/11/2013 9:37	9/11/2013 9:55	9/11/2013 10:10
9/15/2013 15:30	9/15/2013 15:57	9/15/2013 16:20	9/15/2013 16:25
9/18/2013 17:42	9/18/2013 17:50	9/18/2013 18:07	9/18/2013 18:10
9/27/2013 10:00	9/27/2013 10:08	9/27/2013 10:30	9/27/2013 10:40
9/27/2013 11:00	9/27/2013 11:36	9/27/2013 11:45	9/27/2013 11:50
9/28/2013 12:30	9/28/2013 13:14	9/28/2013 13:55	9/28/2013 14:15
9/30/2013 8:00	9/30/2013 8:17	9/30/2013 8:45	9/30/2013 9:00
10/2/2013 8:00	10/2/2013 8:30	10/2/2013 8:45	10/2/2013 8:55
10/3/2013 11:00	10/3/2013 11:29	10/3/2013 11:45	10/3/2013 12:00
10/8/2013 18:00	10/8/2013 18:39	10/8/2013 19:06	10/8/2013 19:10
10/4/2013 10:05	10/4/2013 10:09	10/4/2013 10:35	10/4/2013 10:12
10/9/2013 12:00	10/9/2013 13:22	10/9/2013 13:42	10/9/2013 13:42
10/9/2013 16:00	10/9/2013 16:47	10/9/2013 17:20	10/9/2013 18:30
10/11/2013 9:30	10/11/2013 9:58	10/11/2013 10:38	10/11/2013 10:40
10/14/2013 7:30	10/14/2013 7:37	10/14/2013 8:08	10/14/2013 8:15
10/14/2013 7:45	10/14/2013 7:58	10/14/2013 9:40	10/14/2013 9:50
10/14/2013 8:00	10/14/2013 8:21	10/14/2013 10:40	10/14/2013 10:45
10/14/2013 8:40	10/14/2013 8:52	10/14/2013 11:35	10/14/2013 11:45
10/20/2013 9:30	10/20/2013 9:38	10/20/2013 9:45	10/20/2013 9:55
10/21/2013 9:18	10/21/2013 9:32	10/21/2013 10:05	10/21/2013 10:15
10/24/2013 9:00	10/24/2013 9:16	10/24/2013 9:55	10/24/2013 9:57
10/28/2013 9:18	10/28/2013 9:35	10/28/2013 9:50	10/28/2013 10:15
10/29/2013 15:00	10/29/2013 15:05	10/29/2013 15:15	10/29/2013 15:30
11/8/2013 8:40	11/8/2013 8:46	11/8/2013 8:55	11/8/2013 9:10
11/9/2013 13:44	11/9/2013 14:01	11/9/2013 14:30	11/9/2013 14:40
11/10/2013 12:40	11/10/2013 13:06	11/10/2013 13:30	11/10/2013 13:40
11/17/2013 15:20	11/17/2013 15:33	11/17/2013 15:48	11/17/2013 16:00
11/18/2013 8:35	11/18/2013 8:48	11/18/2013 9:30	11/18/2013 9:40
7/4/2007 14:38	7/4/2007 14:39	7/4/2007 14:39	7/4/2007 14:40
9/10/2007 15:00	9/10/2007 15:00	9/11/2007 7:30	9/11/2007 9:00
10/20/2007 10:00	10/21/2007 13:30	10/21/2007 14:00	10/21/2007 14:45
10/23/2007 13:00	10/23/2007 14:00	10/23/2007 13:30	10/23/2007 14:00
10/26/2007 10:00	10/26/2007 10:30	10/26/2007 11:00	10/26/2007 12:00
1/27/2008 23:30	1/28/2008 6:30	1/28/2008 6:45	1/28/2008 7:00
7/10/2008 21:00	7/10/2008 21:30	7/11/2008 7:30	7/11/2008 8:00
11/1/2008 18:15	11/1/2008 18:15	11/1/2008 19:00	11/1/2008 19:05
7/31/2009 13:00	7/31/2009 14:00	8/3/2009 8:30	8/3/2009 11:30
8/3/2009 15:00	8/4/2009 9:30	8/4/2009 9:30	8/4/2009 15:30
8/16/2009 10:00	8/18/2009 7:30	8/18/2009 8:00	8/18/2009 10:00
6/22/2011 8:30	6/22/2011 9:00	6/22/2011 9:30	6/22/2011 10:00
8/8/2011 16:00	8/8/2011 16:15	8/8/2011 16:30	8/8/2011 16:30
10/25/2011 7:30	10/25/2011 8:00	10/25/2011 9:00	10/25/2011 9:00
1/13/2012 13:00	1/13/2012 13:15	1/13/2012 13:15	1/13/2012 13:24
8/7/2012 2:30	8/7/2012 4:00	8/7/2012 4:10	8/7/2012 4:15
11/27/2012 23:00	11/27/2012 23:00	11/28/2012 7:00	11/28/2012 7:00
12/11/2012 12:00	12/13/2012 9:00	12/13/2012 10:00	12/13/2012 13:00
3/13/2013 7:00	3/13/2013 7:15	3/13/2013 7:30	3/13/2013 7:30
4/19/2013 11:45	4/19/2013 11:45	4/19/2013 12:00	4/19/2013 12:15
7/13/2013 8:00	7/13/2013 8:00	7/13/2013 8:00	7/13/2013 12:20
9/16/2013 18:00	9/16/2013 18:15	9/16/2013 19:00	9/16/2013 19:30

Other (specify below)
Grease Deposition (FOG)
Root Intrusion
Grease Deposition (FOG)
Debris-Rags
Root Intrusion
Root Intrusion
Vandalism
Debris-General
Root Intrusion
Root Intrusion
Root Intrusion
Root Intrusion
Root Intrusion
Root Intrusion
Other (specify below)
Debris-General
Grease Deposition (FOG)
Root Intrusion
Root Intrusion
Root Intrusion
Root Intrusion
Root Intrusion
Debris-General
Root Intrusion
Debris-General
Root Intrusion
Pipe Structural Problem/Failure
Debris-Rags
Root Intrusion
Debris-General
Root Intrusion
Root Intrusion
Pipe structural problem/failure
Other (specify below)
Root intrusion
Pump station failure
Pump station failure
Other (specify below)
Other (specify below)
Pump station failure
Debri-General
Debri-General
Debri-General
Other (specify below)
Other (specify below)
Pipe structural problem/failure
Pipe structural problem/failure
Grease deposition (FOG)
Pipe structural problem/failure
Pipe structural problem/failure
Pipe structural problem/failure
Pipe structural problem/failure
Debri-General
Pipe Structural Problem/Failure

Secondary lateral not reinstated when main was replaced

Rocks thrown into cleanout by children

Contractor was flushing water lines into new manhole that did not have an adequat relief hole

Rubber hose that loads sewage onto the vessel from the floating dock ruptured.
Manhole backed up due to accumulation of toilet paper in the sewer line. Attributed to low-flow toilets in a high use area.
There was root intrusion at the outlet opening but water could still flow. A TV of the adjacent line downstream from the af
Pump motor failed.

Two power outages in this area caused a malfunction of the sensors that call for the pumps to activate and pump down th
A toilet left running overnight, combined with high tides, caused an overflow in the sewage tank. Mostly water overflowec
Rainwater infiltrated into sewer and caused overflow. Pump became airbound and malfunctioned.

diapers/ wipes/ toilet paper blockage

As part of the reconstruction of the Battery Alexander parking lot and approach road an existing eucalyptus tree stump ha
During construction of the Battery Alexander parking lot and approach road, construction traffic loading through an existir
Following embankment and paving operations at the Battery Alexander parking lot approach road the existing transite for
Spill was caused when tram ran over chase and broke the pipe.
Grease buildup caused blockage in manhole resulting in overflow.

A wet patch along the sewer main was detected, which was initially thought to be groundwater. The next morning, upon c

Cleaning cloths were removed from the manhole after it had been jetted by a service truck.
Top plate of cleanout was cracked by a tractor.

Lower Lateral (Public)
Lower Lateral (Public)
Lower Lateral (Public)
Lower Lateral (Public)
Lower Lateral (Public)
Lower Lateral (Public)
Lower Lateral (Public)
Lower Lateral (Public)
Lower Lateral (Public)
Lower Lateral (Public)
Lower Lateral (Public)
Lower Lateral (Public)
Lower Lateral (Public)
Lower Lateral (Public)
Lower Lateral (Public)
Manhole
Lower Lateral (Public)
Gravity Mainline
Lower Lateral (Public)
Lower Lateral (Public)
Lower Lateral (Public)
Lower Lateral (Public)
Lower Lateral (Public)
Lower Lateral (Public)
Lower Lateral (Public)
Lower Lateral (Public)
Lower Lateral (Public)
Lower Lateral (Public)
Manhole
Lower Lateral (Public)
Lower Lateral (Public)
Lower Lateral (Public)
Lower Lateral (Public)

Plastic bags were flushed too.
fected manhole revealed a large wad of paper t

e wet well. Both primary and secondary sensor

Main
Main
Main
Main
Main
Main
Main
Main
Main
Main
Main
Main
Main
Force Main

owels slowly making its way down the sanitary line. This was the major cause for the overflow.

s sent information to the control panel, but the pump didn't activate.

No	4	Clay
No	4	ACP
No	4	Clay
No	3	HDPE
No	4	ACP
No		Clay
No	4	CIP
No	4	ACP
No	4	Variable
No	4	Clay
No	4	CIPP
No	4	ACP
No	4	ACP
No	4	ACP
No	4	ACP
No		
No		ACP
No	6	Clay
No		ACP
No	4	ACP
No	4	ACP
No	4	
No	4	CIPP
No	3	HDPE
No	4	ACP
No	4	Clay
No	4	Clay
No	4	
No		
No	4	ACP
No	4	ACP
No	4	Clay
No	4	ACP
		rubber
	6	
	6	PVC
	6	
	6	
	6	iron
	4	plastic slipline
	6	iron
	6	concrete
	6	Ductile
	6	PVC
	6	Ductile
	6	Ductile
	4	Plastic
No	6	PVC

30

45

25
2

20

20

50
30
15
30
50
25
12

Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Restored flow
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow
Other (specify below)
Restored flow
Restored flow
Contained all or portion of spill;Restored flow
Restored flow
Restored flow
Restored flow
Restored flow
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow;Returned all or portion of spill to sani
Cleaned-up (mitigated effects of spill);Restored flow
Cleaned-up (mitigated effects of spill);Restored flow
Other (specify below)
Restored flow
Restored flow
Restored flow

The spill was contained with booms on the deck of the floating dock and cleaned up with absorbent pads. All materials w

replaced pump

Leaking toilet was stopped, and tank was pumped.
Bled air from pump and turned pump back on.

Repaired damaged section of existing sewer line with C900 pipe and dresser coupling the full width of the approach road.

Repaired main with 10' section of pipe and couplers.
Pipe broke, spill entered storm drain. Stopped pumping at lift station to stop spill.
Repaired with a 10 foot section of pipe and couplers.
Park has since replaced this section of pipe.

9/12/2007 18:00
10/22/2007 12:00

8/3/2009 11:30
8/5/2009 7:00
8/18/2009 10:00

8/7/2012 5:00

12/13/2012 14:30

Other (specify below)
Adjusted schedule/method of preventive maintenance;Plan rehabilitation or replacement of sewer;Repaired sewer

Enforcement action against FOG source
Adjusted schedule/method of preventive maintenance
Added sewer to preventive maintenance program;Adjusted schedule/method of preventive maintenance

Enforcement action against FOG source

Repaired sewer

Sewer lines are jet flushed annually and this was done in June 2007. Overflow resulted from low flow toilets used in a hig
Will work with Caltrans to ensure their Vista Point sewage operations are running properly, macerator is working, sewer li

Daily inspections of the manhole will occur. Additional camara survey will be scheduled. Daily remote monitoring will be

No
Yes

No
No
No

No

No

No visible impacts due to low amount entering surface water.

No visual results.

Some discoloration and odor in the surface water of the drainage channel.

Some discoloration and odor in the surface water of the drainage channel.

No
No

Yes
No
Yes

No

No

NA
NA

NA
NA
NA

Redwood Creek
NA

Rodeo Lagoon and drainage channel leading to it.
Redwood Creek
Rodeo Lagoon and drainage channel leading to it.
NA
NA
NA
NA
Horse
NA
NA
NA
NA

No water quality samples taken
No water quality samples taken

Other (specify below)
Other (specify below)
Other (specify below)

Not applicable to this spill

Not applicable to this spill

E Coli
E coli
E. coli

No water quality samples taken
Not applicable to this spill

County Health Agency
County Health Agency
County Health Agency

Not applicable to this spill

Not applicable to this spill

Area calculation
Area of wet soil
Area of saturated soil
Area of saturated soil
Visual
Area of saturated soil
Area of saturated soil
Area of saturated soil

Visual
Flow meter on water line
area calculation

Area of saturated soil
Area of saturated soil
Area of saturated soil
Area of saturated soil
Area of saturated soil
Area of saturated soil
Area of saturated soil
Area of saturated soil
Area of saturated soil
Area of saturated soil
Area of saturated soil
Area of saturated soil
Area of saturated soil
Area of saturated soil
Area of saturated soil
area calculation times depth

Flow rate multiplied by time.

95416	8/3/2009 11:30
95445	8/4/2009 11:00
95799	8/20/2009 10:00

124613	8/7/2012 4:30
127195	11/28/2012 10:00
127626	12/13/2012 14:30

Greg Dawson Collection Systems	(707)258-6000 x525
Greg Dawson Collection Systems	(707)258-6000 x525
Greg Dawson Collection Systems	(707)258-6000 x525
Greg Dawson Collection Systems	(707)258-6000 x525
Greg Dawson Collection Systems	(707)258-6000 x525
Greg Dawson Collection Systems Technician	(707)258-6000 x525
Greg Dawson Collection Systems Technician	(707)258-6000 x525
Greg Dawson Collection Systems Technician	(707)258-6000 x525
Greg Dawson Collection Systems Technician	(707)258-6000 x525
Greg Dawson Collection Systems Technician	(707)258-6000 x525
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Greg Dawson Collection Systems Technician	(707) 258-6000 x525

Nick Geitner	4152893101

2SSO10161	Active	711224	Cynthia Royer	Certified
2SSO10161	Active	711549	Royer	Certified
2SSO10161	Active	711879	Royer	Certified
2SSO10161	Active	716434	Cynthia Royer	Certified
2SSO10161	Active	731372	Cynthia Royer	Certified
2SSO10161	Active	733529	Royer	Certified
2SSO10161	Active	733927	Tom Piccolotti	Certified
2SSO10161	Active	733928	Tom Piccolotti	Certified
2SSO10161	Active	736548	Royer	Certified
2SSO10161	Active	740440	C. Royer	Certified
2SSO10161	Active	741024	Tom Piccolotti	Certified
2SSO10161	Active	741032	Tom Piccolotti	Certified
2SSO10161	Active	756650	Cynthia Royer	Certified
2SSO10161	Active	766543	Cynthia Royer	Certified
2SSO10161	Active	777996	Cynthia Royer	Certified
2SSO10161	Active	788657	Cynthia Royer	Certified
2SSO10161	Active	799115		Submit Draft
2SSO10161	Active	799116	Cynthia Royer	Certified
2SSO10161	Active	800960		Submit Draft
2SSO10162	Active	652314	Timothy M. O'Connor	Certified
2SSO10162	Active	653465	Timothy M OConnor	Certified
2SSO10162	Active	653964	Timothy M OConnor	Certified
2SSO10162	Active	655812	Timothy M. OConnor	Certified
2SSO10162	Active	656678	Timothy M. O'Connor	Certified
2SSO10162	Active	656894	Timothy M. O'Connor	Certified
2SSO10162	Active	657012	Timothy M O'Connor	Certified
2SSO10162	Active	657701	Timothy M. O'Connor	Certified
2SSO10162	Active	657882	Timothy M O'Connor	Certified
2SSO10162	Active	657969	Timothy M OConnor	Certified
2SSO10162	Active	707493	Timothy M. O'Connor	Certified
2SSO10162	Active	707494	Timothy M. O'Connor	Certified
2SSO10162	Active	710703	Timothy M OConnor	Certified
2SSO10162	Active	710704	Timothy M. OConnor	Certified
2SSO10162	Active	710705	Timothy M. OConnor	Certified
2SSO10162	Active	710871	Timothy M. OConnor	Certified
2SSO10162	Active	711861	Timothy M. O'Connor	Certified
2SSO10162	Active	711862	Timothy M. O'Connor	Certified
2SSO10162	Active	712096	Timothy M O'Connor	Certified
2SSO10162	Active	712099	Timothy M O'Connor	Certified
2SSO10162	Active	713769	Timothy M O'Connor	Certified
2SSO10162	Active	714986	Timothy M O'Connor	Certified
2SSO10162	Active	715244	Timothy M. O'Connor	Certified
2SSO10162	Active	716688	Timothy M OConnor	Certified
2SSO10162	Active	716754	Timothy M. O'Connor	Certified
2SSO10162	Active	716762	Timothy M. O'Connor	Certified
2SSO10162	Active	716775	Timothy M. O'Connor	Certified
2SSO10162	Active	717872	Timothy M. O'Connor	Certified
2SSO10162	Active	719737	Timothy M. O'Connor	Certified
2SSO10162	Active	720040	Timothy M OConnor	Certified
2SSO10162	Active	722914	Timothy M. O'Connor	Certified
2SSO10162	Active	723201	Timothy M OConnor	Certified
2SSO10162	Active	724663	Timothy M. O'Connor	Certified
2SSO10162	Active	725116	Timothy M. O'Connor	Certified
2SSO10162	Active	725627	Timothy Michael O'Connor	Certified
2SSO10162	Active	725873	Timothy M. O'Connor	Certified

Manager of Technical Services
LRO
LRO
Manager of Technical Service LRO
LRO
Manager of Technical Services - LRO
Collection & Distribution Manager
Collection & Distribution Manager
MTS
Manager of Technical Srvs
Collection And Distribution Manager
Collection & Distribution Manager
Manager of Tech Srvs
Manager of Technical Services
MTS
Manager of Techincal Services

Manager of Technical Services

Collection System Superintendent
Collection System Superintendent
Collection System Superintendent
Collection System Superintendent
Collection System Superintendent
Collection System Superintendent
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Collection System Superintendent
Collection System Superintendent

Daly City, CA	393974
NSMCSD	614651
NSMCSD	242197
Daly City, CA - NSMCSD	805854
Daly City, CA	544943
Daly City, Ca	921035
North San Mateo County Sanitation District	478484
North San Mateo County Sanitation District	217728
Daly City, CA	669353
Daly City, CA	449278
North San Mateo County Sanitation District	772284
North San Mateo County Sanitation District	215218
Daly City, CA	367455
Daly City, CA	806896
Daly City, CA	293012
Daly City, CA	158204
Daly City, CA	980197
Novato Sanitary District	151886
Novato Sanitary District	149861
Novato Sanitary District	397759
Novato Sanitary District	192952
Novato Sanitary District	193050
Novato Sanitary District	527008
Novato Sanitary District	753328
Novato Sanitary District	430873
Novato Sanitary District	359665
Novato Sanitary District	985827
Novato Sanitary District, Olive St. Pump Station	151088
Novato Sanitary District, Olive St. pump station	296825
Novato Sanitary District	201120
Novato Sanitary District	292419
Novato Sanitary District	451124
Novato Sanitary District	632516
Novato Sanitary District	951659
Novato Sanitary District	786882
Novato Sanitary District	489111
Novato Sanitary District	138401
Novato Sanitary District	292522
Novato Sanitary District	358133
Novato Sanitary District	169142
Novato Sanitary District	532815
Novato Sanitary District	379089
Novato Sanitary District	739296
Novato Sanitary District	168663
Novato Sanitary District	856624
Novato Sanitary District	781112
Novato Sanitary District	250112
Novato Sanitary District	427664
Novato Sanitary District	690549
Novato Sanitary District	622617
Novato Sanitary District	905275
Novato Sanitary District	552926
Novato Sanitary District	306196

15-Jan-08		7-Feb-08	12/8/2010
23-Jan-08		7-Feb-08	2/7/2008
26-Jan-08		7-Feb-08	2/7/2008
22-Apr-08		23-Apr-08	4/23/2008
3-Jan-09		5-Jan-09	1/5/2009
13-Feb-09		17-Feb-09	2/17/2009
20-Feb-09		20-Feb-09	12/7/2010
20-Feb-09		20-Feb-09	12/7/2010
21-Apr-09		21-Apr-09	4/21/2009
30-Jun-09		7-Jul-09	7/7/2009
14-Jul-09		15-Jul-09	12/7/2010
14-Jul-09		15-Jul-09	12/7/2010
8-Sep-10	9/8/2010	1-Nov-10	11/1/2010
16-May-11	5/16/2011	31-May-11	5/31/2011
26-Feb-12	2/26/2012	28-Feb-12	2/28/2012
2-Dec-12	12/4/2012	13-Dec-12	12/13/2012
26-Sep-13	9/26/2013		
26-Sep-13	9/27/2013	27-Sep-13	9/27/2013
21-Nov-13	11/22/2013		
18-Jun-07		18-Jun-07	6/18/2007
3-Jul-07		3-Jul-07	7/3/2007
11-Jul-07		11-Jul-07	7/11/2007
14-Aug-07		14-Aug-07	8/14/2007
30-Aug-07		30-Aug-07	8/30/2007
5-Sep-07		5-Sep-07	9/5/2007
7-Sep-07		7-Sep-07	9/7/2007
19-Sep-07		19-Sep-07	9/19/2007
21-Sep-07		21-Sep-07	9/21/2007
24-Sep-07		24-Sep-07	5/12/2011
8-Nov-07		8-Nov-07	11/8/2007
8-Nov-07		8-Nov-07	11/8/2007
5-Jan-08		17-Jan-08	1/17/2008
5-Jan-08		17-Jan-08	1/17/2008
5-Jan-08		17-Jan-08	1/17/2008
7-Jan-08		17-Jan-08	1/17/2008
25-Jan-08		13-Feb-08	2/13/2008
25-Jan-08		13-Feb-08	2/13/2008
30-Jan-08		14-Feb-08	2/14/2008
30-Jan-08		14-Feb-08	2/14/2008
22-Feb-08		22-Feb-08	2/22/2008
18-Mar-08		18-Mar-08	3/18/2008
24-Mar-08		24-Mar-08	3/24/2008
28-Apr-08		28-Apr-08	5/27/2010
29-Apr-08		29-Apr-08	4/29/2008
29-Apr-08		29-Apr-08	4/29/2008
29-Apr-08		29-Apr-08	4/29/2008
22-May-08		22-May-08	5/22/2008
17-Jun-08		17-Jun-08	6/17/2008
21-Jun-08		25-Jun-08	12/6/2010
21-Jul-08		21-Jul-08	7/21/2008
22-Jul-08		31-Jul-08	5/12/2011
14-Aug-08		14-Aug-08	8/14/2008
22-Aug-08		22-Aug-08	8/22/2008
3-Sep-08		3-Sep-08	9/3/2008
5-Sep-08		5-Sep-08	9/5/2008

Category 3		575	575
Category 3		350	350
Category 1		575	0
Category 3		225	225
Category 3		125	125
Category 3		246	246
Category 1		780	250
Category 1		1950	1000
Category 3		210	210
Category 3		500	500
Category 3		500	500
Category 2		1000	1000
Category 3		125	125
Category 1		875	200
Category 3		660	660
Category 1		4500	500
Category 1	0	125	0
Category 1	0	125	0
Category 3	25	25	50
Category 3		350	350
Category 3		675	675
Category 3		450	400
Category 3		750	635
Category 3		75	75
Category 3		100	100
Category 3		75	0
Category 3		900	800
Category 3		50	50
Category 1		8100	4000
Category 3		40	40
Category 3		80	70
Category 1		21750	0
Category 1		16500	0
Category 1		105000	0
Category 1		8250	0
Category 1		57375	0
Category 1		186000	0
Category 1		600	0
Category 1		8250	0
Category 3		800	720
Category 3		150	150
Category 3		50	50
Category 3		150	143
Category 3		129	129
Category 3		650	618
Category 3		5	5
Category 3		10	10
Category 3		25	25
Category 1		1100	350
Category 3		236	0
Category 1		15000	5000
Category 3		75	75
Category 3		20	16
Category 3		10	10
Category 3		220	220

0	No	No
	No	No
575	Yes	Yes
0	No	No
0	No	Yes
0	No	Yes
530	Yes	Yes
950	No	Yes
0	No	Yes
0	No	Yes
0	No	Yes
0	No	Yes
0	No	No
675	Yes	Yes
0	No	Yes
4500	Yes	Yes
125	Yes	Yes
125	Yes	Yes
0	No	No
	No	No
	No	No
	No	No
0	No	No
0	No	No
0	No	No
0	No	No
	No	No
	No	No
4100	Yes	Yes
0	No	Yes
	No	No
21750	Yes	Yes
16500	Yes	Yes
105000	Yes	Yes
8250	Yes	No
57375	Yes	Yes
186000	Yes	Yes
600	Yes	Yes
8250	Yes	Yes
	No	No
0	No	No
0	No	No
0	No	No
0	No	No
0	No	No
0	No	No
0	No	Yes
0	No	Yes
750	Yes	No
0	No	No
10000	Yes	Yes
0	No	No
0	No	No
0	No	No
0	No	Yes

Not Applicable - Spill did not reach a separate storm drainpipe
Not Applicable - Spill did not reach storm drainpipe
No
Not Applicable - Spill did not reach storm drainpipe
Yes
Yes
No
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Yes
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Not Applicable - Spill did not reach storm drainpipe
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Not Applicable - Spill did not reach a separate storm drainpipe
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Not Applicable - Spill did not reach storm drainpipe
Yes
Yes
Not Applicable - Spill did not reach a separate storm drainpipe
Not Applicable - Spill did not reach storm drainpipe
No
Not Applicable - Spill did not reach storm drainpipe
Not Applicable - Spill did not reach storm drainpipe
Not Applicable - Spill did not reach storm drainpipe
Yes

Intersection of Skyline Dr and Westline Dr
333 Hickey Boulevard
1399 Skyline Dr
1399 Skyline Dr
75 Poncetta Dr
2800 91st st.
201 Buena Vista Ave
398 Eastmoor Ave
Easement behind Hampshire Court
138 Parkview Ave
1200 King Dr
7 Parkview Ave
1399 Skyline Dr
445 Knowles Ave
89 Garwood Dr
1399 Skyline Dr
NSMCSD
NSMCSD
99 Theta ave Daly City Ca,94015
Marin Country Club
Residential Neighborhood
Easement adjacent to Rowland Way
Fireman's Fund Campus
Hill Rd spill
Montura Way Neighborhood
Eagle Dr. neighborhood
Canyon Road neighborhood
East Hamilton Parkway area
State Access Rd. area
Gustafson Ct.
Trumbull Rd.
Chase St. neighborhood
Ignacio Blvd Area
Center Dr neighborhood
Ignacio Blvd area
Chase St. neighborhood
Center Rd. Neighborhood
Del Mar Neighborhood
Donna St Neighborhood
Center Rd neighborhood
495 Alameda del Prado
Hayden Ave neighborhood
Del Oro Lagoon
Midway Blvd area
Caribe Isle
Emberson Ave.
Center Rd area
Cambridge St area
Shields Ln neighborhood
Wild Horse Dr. Neighborhood
Clemente Ct easement
Balra Dr. Neighborhood
Capilano Dr
Midway Dr.
Enfrente Rd

37.66343	-122.49222	San Mateo
37.66445	122.460875	San Mateo
37.663433	122.492161	San Mateo
37.663361	122.492139	San Mateo
37.703033	122.472989	San Mateo
37.690411	122.471564	San Mateo
37.684003	-122.481375	San Mateo
37.682458	-122.470258	San Mateo
37.652222	-122.457219	San Mateo
37.701389	-122.465833	San Mateo
37.650108	-122.450117	San Mateo
37.700192	-122.450261	San Mateo
37.663433	-122.49216	San Mateo
37.421784	-122.280332	San Mateo
37.42003	-122.273873	San Mateo
37.663433	-122.49216	San Mateo
37.702639	-122.484997	San Mateo
37.702639	-122.484997	San Mateo
37.421505	-122.275102	San Mateo
38.065556	122.566389	Marin
38.078056	122.557778	Marin
38.097778	122.558056	Marin
38.122222	122.572778	Marin
38.098611	122.580556	Marin
38.070833	122.567222	Marin
38.068056	122.566944	Marin
38.098056	122.581111	Marin
38.058889	122.521944	Marin
38.059167	-122.529167	Marin
38.111111	122.609722	Marin
38.100833	122.606667	Marin
38.111111	122.561944	Marin
38.077778	122.561111	Marin
38.109722	122.611111	Marin
38.077778	122.561111	Marin
38.111111	122.561944	Marin
38.109722	122.611111	Marin
38.098333	122.578611	Marin
38.093333	122.564722	Marin
38.103333	122.582778	Marin
38.064722	122.545	Marin
38.103611	122.568333	Marin
38.080556	-122.519444	Marin
38.081389	122.558611	Marin
38.080833	122.521389	Marin
38.052222	122.507778	Marin
38.107222	122.590833	Marin
38.080556	122.558889	Marin
38.101389	-122.596944	Marin
38.095	122.619444	Marin
38.120833	-122.595	Marin
38.082222	122.566389	Marin
38.065	122.567778	Marin
38.083056	122.555833	Marin
38.066944	122.538889	Marin

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MH on street surface

Sanitary sewer manhole located in the backyard of 294 Hampshire Court

MH on street surface

MH on street surface
See attachment
See attachment

Along golf cart path in a sewer easement on the Marin Country Club golf course
The spill occurred at the intersection of Cambridge St. and Stone Dr.
The spill occurred along a walking path easement adjacent to 100 Rowland Way
The overflow discharged into a ditch along W. Campus Dr. and then into a storm drain catch basin

End line manhole located in back yard easement area
The overflow occurred underneath the house at 689 Canyon Rd.

Lateral backup overflowed under the house and was fully contained within the foundation

Residential neighborhood
Residential neighborhood
Residential neighborhood
Lateral overflow next to foundation
Easement manhole overflowed immediately adjacent to a storm drain channel

Backyard easement
Residential neighborhood

1
1
1

Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Gravity sewer
Manhole
Manhole
Manhole
Other (specify)
Manhole
Manhole
Inside Building or Structure
Inside Building or Structure
Manhole
Gravity sewer
Manhole
Gravity sewer
Manhole
Manhole
Manhole
Pump station
Building or structure
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Other sewer system structure
Manhole
Building or structure
Building or structure
Manhole
Building or structure
Building or structure
Manhole
Manhole
Manhole
Other sewer system structure
Manhole
Manhole
Manhole
Manhole
Pump station

N/A

Spill came from trenc h and overflowed from steel plate

Overflow from sidewalk

Influent wetwell
Influent wetwell

open lateral clean out

In the bathroom of 110 Emberson Ave

Lateral cleanout at 139 Wild Horse Dr. The lateral at this address was equiped with a back flow prevention device.

The manhole was not overflowing when District personnel arrived, but the street/curb and gutter were wet to the downstre

Other (specify below)
Other (specify below)
Beach
Other (specify below)
Other (specify below)
Other (specify below)
Separate storm drain
Separate storm drain
Other (specify below)
Storm drain
Other (specify below)
Other (specify below)
Street/curb and gutter
Surface water
Other (specify below)
Beach
Other (specify below)
Other (specify below)
Street/Curb and Gutter
Other (specify below)
Other (specify below)
Storm drain;Unpaved surface
Storm drain;Unpaved surface
Storm drain;Street/curb and gutter
Street/curb and gutter
Other (specify below)
Building or structure
Storm drain;Street/curb and gutter
Separate storm drain;Surface water
Storm drain;Street/curb and gutter
Unpaved surface
Storm drain;Street/curb and gutter;Surface water
Storm drain;Street/curb and gutter;Surface water
Storm drain;Street/curb and gutter;Surface water
Street/curb and gutter;Surface water
Storm drain;Street/curb and gutter;Surface water
Storm drain;Street/curb and gutter;Surface water
Storm drain;Street/curb and gutter;Surface water
Storm drain;Surface water
Unpaved surface
Storm drain;Street/curb and gutter
Building or structure
Building or structure
Storm drain;Street/curb and gutter
Building or structure;Unpaved surface
Building or structure
Storm drain;Street/curb and gutter
Storm drain;Street/curb and gutter
Street/curb and gutter;Other (specify below)
Unpaved surface
Separate storm drain;Surface water;Unpaved surface
Street/curb and gutter
Unpaved surface
Street/curb and gutter
Storm drain;Street/curb and gutter;Unpaved surface

Vac Con and returned to sanitary sewer
Pumped to sanitary sewer

Sanitary Sewer
fully captured overflow and dumped at wastewater treatment plant.
Sanitary Sewer

Pumped content of spill and cleanup to sanitary sewer

Spill and clean up water was pumped to the sanitary sewer system
Spill and wash water captured and returned to Sanitary Sewer

VacCon

Pacific Ocean
Pacific Ocean

The overflow went into a storm drain inlet. The SSO water and wash down water were contained in the strorm drain and
The overflow was captured in the storm drain and fully contained. We recovered 100% of the overflow and washdown wa

Open space hillside

Warner Creek

The overflow occurred in the street and went into the storm drain. The overflow water was fully contained in two catch ba

The overflow reached the curb and gutter and entered a storm drain catch basin. District personell cleaned up the street a
The overflow occurred next to a drain inlet that went directly into Wilson Creek. This is a seasonal creek and there is no v
Lateral overflowed next to the foundation of the residence. The overflow soaked into open ground in very steep terrain. N

1/14/2008 12:32	1/14/2008 12:32	1/14/2008 12:45	1/14/2008 12:55
1/22/2008 12:00	1/22/2008 12:00	1/22/2008 12:11	1/22/2008 12:35
1/25/2008 18:15	1/25/2008 18:15	1/25/2008 18:15	1/25/2008 18:30
4/21/2008 6:30	4/21/2008 6:30	4/21/2008 6:30	4/21/2008 6:33
1/3/2009 10:30	1/3/2009 10:30	1/3/2009 10:30	1/3/2009 10:55
2/12/2009 15:45	2/12/2009 15:45	2/12/2009 15:55	2/12/2009 16:27
2/20/2009 8:06	2/20/2009 8:06	2/20/2009 8:25	2/20/2009 8:32
2/20/2009 8:58	2/20/2009 8:58	2/20/2009 9:00	2/20/2009 9:37
4/20/2009 7:10	4/20/2009 7:10	4/20/2009 7:30	4/20/2009 7:53
6/30/2009 20:00	6/30/2009 20:00	6/30/2009 20:25	6/30/2009 20:30
7/10/2009 8:40	7/10/2009 8:40	7/10/2009 8:44	7/10/2009 8:50
7/12/2009 13:37	7/12/2009 13:37	7/12/2009 13:37	7/12/2009 13:42
9/7/2010 22:25	9/7/2010 22:25	9/7/2010 22:25	9/7/2010 22:50
5/16/2011 8:30	5/16/2011 8:30	5/16/2011 8:55	5/16/2011 9:05
2/26/2012 11:45	2/26/2012 11:45	2/26/2012 11:45	2/26/2012 12:18
12/2/2012 9:50	12/2/2012 9:50	12/2/2012 9:50	12/2/2012 11:30
9/21/2013 11:00	9/21/2013 11:00	9/21/2013 11:00	9/21/2013 11:25
9/21/2013 11:00	9/21/2013 11:00	9/21/2013 11:00	9/21/2013 11:25
11/21/2013 16:00	11/21/2013 16:00	11/21/2013 16:15	11/21/2013 16:20
6/18/2007 0:00	6/18/2007 10:35	6/18/2007 10:50	6/18/2007 11:10
6/29/2007 0:00	6/29/2007 8:30	6/29/2007 8:45	6/29/2007 9:15
7/6/2007 0:00	7/6/2007 8:30	7/6/2007 9:00	7/6/2007 9:15
8/11/2007 0:00	8/11/2007 18:30	8/11/2007 18:45	8/11/2007 18:55
8/23/2007 0:00	8/23/2007 7:08	8/23/2007 7:30	8/23/2007 7:30
9/1/2007 0:00	9/1/2007 11:07	9/1/2007 11:30	9/1/2007 11:30
9/7/2007 0:00	9/7/2007 1:10	9/7/2007 1:25	9/7/2007 2:15
9/14/2007 0:00	9/14/2007 7:40	9/14/2007 8:00	9/14/2007 9:00
9/13/2007 0:00	9/13/2007 10:25	9/13/2007 11:20	9/13/2007 10:00
9/24/2007 0:00	9/24/2007 15:15	9/24/2007 15:35	9/24/2007 15:45
10/15/2007 0:00	10/15/2007 9:40	10/15/2007 10:00	10/15/2007 10:20
10/24/2007 0:00	10/24/2007 11:25	10/24/2007 11:45	10/24/2007 0:50
1/4/2008 0:00	1/4/2008 9:10	1/4/2008 9:30	1/4/2008 14:00
1/4/2008 0:00	1/4/2008 14:10	1/4/2008 14:30	1/4/2008 15:10
1/4/2008 0:00	1/4/2008 9:15	1/4/2008 9:30	1/4/2008 19:30
1/7/2008 0:00	1/7/2008 12:50	1/7/2008 13:05	1/7/2008 13:40
1/25/2008 0:00	1/25/2008 14:45	1/25/2008 14:45	1/26/2008 3:30
1/25/2008 0:00	1/25/2008 13:20	1/25/2008 11:00	1/26/2008 7:00
1/25/2008 0:00	1/25/2008 20:30	1/25/2008 20:30	1/25/2008 22:00
1/26/2008 0:00	1/26/2008 1:15	1/26/2008 1:25	1/26/2008 4:30
1/6/2008 0:00	1/7/2008 9:15	1/7/2008 10:00	1/7/2008 0:00
2/19/2008 0:00	2/19/2008 15:15	2/19/2008 15:30	2/19/2008 15:45
1/28/2008 0:00	1/28/2008 14:00	1/28/2008 14:00	1/28/2008 14:45
3/7/2008 0:00	3/7/2008 16:20	3/7/2008 16:40	3/7/2008 18:00
3/8/2008 0:00	3/8/2008 9:05	3/8/2008 9:20	3/8/2008 9:48
3/26/2008 0:00	3/26/2008 10:00	3/26/2008 10:15	3/26/2008 14:00
3/29/2008 0:00	3/29/2008 15:40	3/29/2008 16:07	3/29/2008 16:27
4/26/2008 0:00	4/26/2008 13:00	4/26/2008 13:30	4/26/2008 13:40
5/4/2008 0:00	5/4/2008 7:50	5/4/2008 8:15	5/4/2008 8:20
6/21/2008 0:00	6/21/2008 8:30	6/21/2008 9:00	6/21/2008 9:20
7/11/2008 0:00	7/11/2008 16:50	7/11/2008 17:00	7/11/2008 17:58
7/20/2008 0:00	7/22/2008 15:50	7/22/2008 16:10	7/22/2008 16:40
8/13/2008 0:00	8/13/2008 8:05	8/13/2008 8:30	8/13/2008 8:40
8/22/2008 0:00	8/22/2008 13:30	8/22/2008 13:30	8/22/2008 14:20
9/1/2008 0:00	9/1/2008 9:20	9/1/2008 9:55	9/1/2008 9:55
9/5/2008 0:00	9/5/2008 18:35	9/5/2008 19:05	9/5/2008 19:10

Other (specify below)
Root intrusion
Rainfall exceeded design
Other (specify below)
Debris
Root intrusion
Root intrusion
Other (specify below)
Debri-Rags
Pipe structural problem/failure
Grease deposition (FOG)
Other (specify below)
Pump station failure
Pipe structural problem/failure
Debri-Rags
Other (specify below)
Pump Station Failure-Mechanical
Pump Station Failure-Mechanical
Root Intrusion
Root intrusion
Root intrusion
Pipe structural problem/failure
Other (specify below)
Root intrusion
Root intrusion
Other (specify below)
Root intrusion
Pump station failure
Other (specify below)
Root intrusion
Root intrusion
Flow exceeded capacity
Grease deposition (FOG)
Flow exceeded capacity
Root intrusion
Flow exceeded capacity
Flow exceeded capacity
Flow exceeded capacity
Pump station failure
Grease deposition (FOG)
Root intrusion
Root intrusion
Other (specify below)
Grease deposition (FOG)
Other (specify below)
Grease deposition (FOG)
Grease deposition (FOG)
Grease deposition (FOG)
Root intrusion
Root intrusion
Grease deposition (FOG)
Root intrusion
Root intrusion
Root intrusion
Pump station failure

Odor block in Manhole broke free and plugged mainline

Problem with wetwell level probe inside well sending false signals to micro-mac, causing level fluctuation.

Roots dislodged when clearing a mainline stoppage causing another stoppage
Broken mop head and rags
Due to construction activity, inflatible plug broke existing line causing debris to fall in new line causing backup in trench a

Area is part of a sewer main replacement jobsite. Spill was caused by a construction sand bag that plugged the mainline.

Phase modifier failed possibly due to PGE power spike upon return of power.

Gravity main failure due to horizontal drilling operation next to main
Grease and Rags
Spill was caused by root intrusion at the outflow pipe in a manhole. It was a momentary occurance as the manhole was n

Roots and debris at outflow pipe in unlisted manhole

This spill occurred due to an air relief valve failure that allowed the main line to air lock. It was a one time occurrance by
Roots, Rags and Grease

A root mass broke off and partially blocked the outlet pipe in the overflow manhole.

The cause of this stoppage was undetermined, although the District main was surcharged at the time of occurrence due t
: The cause of this overflow was determined to be root intrusion and grease buildup. We cleared the blockage and recove
Contractor failed to connect lateral during mainline replacement projectThis overflow was the result of contractor error, a

After video inspecting the main, District personell determined that root intrusion was the primary cause of this overflow.
Root intrusion immediately downstream for the lateral caused the stoppage
This stoppage was caused by a grease/root blockage in District sewer main created by a severe sag in the mainline

This spill was caused by a partial root blockage and debris.

Other (specify below)

Main
Main
Main

Main
Main
Other (specify below)
Main
Main
Other (specify below)
Pump Station-Mechanical
Pump Station-Mechanical
Gravity Mainline

ɔt overflowing when we arrived.

ıll indications.
Main

ɜred about 100% of the overflow and wash-dowr
failure to reconnect the common lateral for thes

Main
Main
Main
Main

Main
Other (specify below)

Manhole

Electrical Component problem at station.

MCC panel at Belcrest Lift Staton

ı water. The overflow water that went into the storm drain system was fully captured and recovered. We televised the sew
e units during a sewer main replacement project.

Root intrusion at joint

Bubbler system malfunctioned

8 vcp

6 vcp

6 vcp

No
No
No

6 vcp

6 plastic
8 clay
6 acp
6 vcp

8 vcp

15

6 vcp

er mainline section that over

6 vcp
6 vcp
6 vcp

6 vcp

60

47

19
53
32
35

51

42

43
43
1962

46

Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow;Returned all or portion of spill to sanit
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Other (specify below)
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow;Returned all or portion of spill to sanit
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Cleaned-Up;Restored flow
Cleaned-Up;Restored flow

Contained all or portion of spill;Returned all or portion of spill to sanitary sewer system
Inspected sewer using CCTV to determine cause;Returned all or portion of spill to sanitary sewer system
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Other (specify below)
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Restored flow
Cleaned-up (mitigated effects of spill);Inspected sewer using CCTV to determine cause;Restored flow
Cleaned-up (mitigated effects of spill);Inspected sewer using CCTV to determine cause
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Cleaned-up (mitigated effects of spill)
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sewage did not reach storm drains it pooled in a swale and was vacumed up. Area cleaned.

Prolonged and excessive rainfall led to capacity and pumping problem. Use of tandem Vaccons to vacuum flow in MH u

Repair has been made to problem area.

Recovered 100% of SSO and washdown water and replaced broken pipe section

We flushed and cleaned the storm drain and recovered 100% of the overflow and washdown water. We cleaned and tele
The manhole was not overflowing when the operator arrived. The spill amount is based on observation of the affected ar

This stoppage was caused by a root/grease blockage in the sewer main. The overflow went into the lawn area of an adjac

Monitored overflow until storm related surcharge abated.

District personnell relieved the blockage, cleaned up the overflow and washdown water and returned100% of the spill vol
This spill occurred while Novato Sanitary District personell were performing line cleaning duties using a hydraulic rodder.

We cleared the blockage and recovered 100% of the overflow and wash-down water. The overflow water that went into t
The overflow occurred under these units and was fully contained within the foundation. The overflow amount was determi

Distributed FOG door hangers in the neighborhood and placed the affected line segment on an accellerated preventive m
Wilson creek was posted with public notification warning signs on 6/21/2008. The warning signs were removed per Rober

This overflow occurred in an area approximately ¼ mile from Novato Creek but went directly into a large diameter storm

Used mechanical rodder to relieve blockage, cleaned up dirt area around manhole. Cctv inspection will be scheduled nex

1/25/2008 22:20

2/20/2009 8:32
2/20/2009 9:37

7/12/2009 13:42

5/16/2011 11:00

12/2/2012 11:30
9/21/2013 11:25
9/21/2013 11:25

9/24/2007 0:00
10/15/2007 11:15

1/17/2008 12:00
1/4/2008 16:15
1/17/2008 12:00
1/17/2008 12:00
1/26/2008 16:30
1/26/2008 16:30
1/25/2008 22:00
1/30/2008 16:30

6/25/2008 14:00

7/31/2008 15:00

Other (specify below)

Adjusted schedule/method of preventive maintenance
Adjusted schedule/method of preventive maintenance

Repaired sewer

Repaired sewer

Other (specify below)
Repaired Facilities or Replaced Defect
Repaired Facilities or Replaced Defect

Plan rehabilitation or replacement of sewer
Added sewer to preventive maintenance program

Plan rehabilitation or replacement of sewer
Adjusted schedule/method of preventive maintenance;Enforcement action against FOG source;Plan rehabilitation or repl
Plan rehabilitation or replacement of sewer
Adjusted schedule/method of preventive maintenance;Plan rehabilitation or replacement of sewer
Plan rehabilitation or replacement of sewer
Added sewer to preventive maintenance program;Plan rehabilitation or replacement of sewer
Plan rehabilitation or replacement of sewer
Other (specify below)

Adjusted schedule/method of preventive maintenance

Adjusted schedule/method of preventive maintenance;Plan rehabilitation or replacement of sewer

Investigate sources of inflow further.

Sand bag removed from sewer

Televised mainline and found multiple sections of broken pipe. Replaced 20ft. of broken pipe that was identified as the ca

Replace failed electrical components at Lift station.

This sewer line has been replaced to prevent future overflows at a cost of $247,764.20.

This overflow was caused by intermittant power outages and storm related surcharge that affected the Marin Village lift st

This line segment and others on Shields Ln. will be added to the District's chemical root abatement program in 2008. The

This sag has been repaired and the sewer line returned to proper grade, eliminating the problem at a cost of $21,209.70.

Yes

Yes
No

No

No

No
No
No

Yes
No

No
No
No
No
No
No
No
No

No

No

Receiving waters looked normal

There were no signs of the overflow in the creed because the receiving creek was at flood stage

No visible impact on receiving waters
There was no visual impact to the creek. It was at flood stage when the overflow occurred.
No visual impact receiving waters, creek was at flood stage at the time of the spill
There was no visual impact to the receiving water. The creek was at flood stage when the overflow occurred.

The spill did not reach receiving water. The creek bed was dry at the time of the overflow. After cleanup, there was no vis
na
Slightly cloudy at entrance of drainage channel to Novato Creek. No evidence of fish kill, numerous fish seen swimming f

na

No

No
No

No

No

No
No
No

No

Yes
No

No
No
No
No
No
No
No
No

Yes

Yes

NA

NA
NA

NA

NA
NA

NA
na

na
na
na
na
na
na
na
na

NA

na

Pacific Ocean

San Francisco Bay
San Francisco Bay

NA

Pacific Ocean
Not Applicable, water did not reach any Waters of the State
Pacific Ocean just west of coast. No designated beach .Area is very remote and not easily accessible.
Pacific Ocean
Pacific Ocean

Pacheco Creek
na

Rush Creek
Orroyo San Jose
Warner Creek/Novato Creek
Arroyo San Jose
Rush Creek
Warner Creek/Novato Creek
Warner Creek
Scottsdale Marsh

Wilson Creek

Novato Creek

No water quality samples taken

No water quality samples taken
No water quality samples taken

Not applicable to this spill

No water quality samples taken

Biological indicator(s) - specify below
No water quality samples taken
No water quality samples taken

Biological indicator(s) - specify below
Not applicable to this spill

No water quality samples taken
No water quality samples taken
No water quality samples taken
Dissolved oxygen
No water quality samples taken
No water quality samples taken
No water quality samples taken
No water quality samples taken

No water quality samples taken;Not applicable to this spill

Dissolved oxygen;Biological indicator(s) - specify below

Samples taken for in-house testing for fecal and coliform. Will take second set of samples within 24 hrs for testing by an

Enterrocacous

Ammonia enterrocacus

enterrocacus ammonia

No water quality samples taken

No water quality samples taken
No water quality samples taken

No water quality samples taken

No water quality samples taken

County Health Agency
No water quality samples taken
No water quality samples taken

Regional Water Quality Control Board
None of the above

None of the above
None of the above
County Health Agency
None of the above
None of the above
None of the above
None of the above
None of the above

No water quality samples taken;Not applicable to this spill

County Health Agency

Sample results available on request

NA

5 gallons per minute for 25 minutes = 125 gallons
5 gallons per minute for 25 minutes = 125 gallons

	90044	1/3/2009 15:03
	91217	2/12/2009 16:45
	91468	2/20/2009 9:18
	91473	2/20/2009 10:14
	93088	4/20/2009 8:07
	94717	6/30/2009 22:00
	94924	7/10/2009 10:39
	94959	7/12/2009 15:10
	105391	9/7/2010 23:27
	113013	5/16/2011 10:17
	121114	2/26/2012 1:54
	127320	12/2/2012 13:52
13-5942		9/21/2013 12:12
13-5942		9/21/2013 12:12

	75840	9/24/2007 5:49

	80109	1/4/2008 20:50
	80111	1/4/2008 21:02
	80110	1/4/2008 20:59
	80263	1/7/2008 20:18
	80734	1/25/2008 21:43
	80733	1/25/2008 21:37
	80927	1/30/2008 16:00
	80928	1/30/2008 16:08

	84420	6/21/2008 10:58
	85362	7/22/2008 17:35

Kevin Brown, Chief of Opertion	6509918204
Kevin Brown, Chief of Opertion	6509918204
Daniel Pray Collections system field supervisor	6505150262