5SSO10717	Active	747507	Brad Underwood	Certified
5SSO10717	Active	747508	Brad Underwood	Certified
5SSO10717	Active	747621	Brad Underwood	Certified
5SSO10717	Active	748144	Brad Underwood	Certified
5SSO10717	Active	748266	Brad Underwood	Certified
5SSO10717	Active	748267	Brad Underwood	Certified
5SSO10717	Active	748411	Brad Underwood	Certified
5SSO10717	Active	749011	Brad Underwood	Certified
5SSO10717	Active	749191	Brad Underwood	Certified
5SSO10717	Active	749573	Brad Underwood	Certified
5SSO10717	Active	749577	Brad Underwood	Certified
5SSO10717	Active	749692	Brad Underwood	Certified
5SSO10717	Active	749809	Brad Underwood	Certified
5SSO10717	Active	750328	Brad Underwood	Certified
5SSO10717	Active	751301	Brad Underwood	Certified
5SSO10717	Active	752168	Brad Underwood	Certified
5SSO10717	Active	752253	Brad Underwood	Certified
5SSO10717	Active	752701	Brad Underwood	Certified
5SSO10717	Active	752702	Brad Underwood	Certified
5SSO10717	Active	753137	Brad Underwood	Certified
5SSO10717	Active	753154	Brad Underwood	Certified
5SSO10717	Active	754747	Brad Underwood	Certified
5SSO10717	Active	754864	Brad Underwood	Certified
5SSO10717	Active	755478	Brad Underwood	Certified
5SSO10717	Active	755897	Brad Underwood	Certified
5SSO10717	Active	756217	Brad Underwood	Certified
5SSO10717	Active	756303	Brad Underwood	Certified
5SSO10717	Active	756461	Brad Underwood	Certified
5SSO10717	Active	756892	Brad Underwood	Certified
5SSO10717	Active	756895	Brad Underwood	Certified
5SSO10717	Active	757246	Stuart Patteson	Certified
5SSO10717	Active	758091	Stuart Patteson	Certified
5SSO10717	Active	758182	Stuart Patteson	Certified
5SSO10717	Active	758312	Stuart Patteson	Certified
5SSO10717	Active	758952	Stuart Patteson	Certified
5SSO10717	Active	759183	Stuart Patteson	Certified
5SSO10717	Active	759186	Stuart Patteson	Certified
5SSO10717	Active	759311	Stuart Patteson	Certified
5SSO10717	Active	760201	Stuart Patteson	Certified
5SSO10717	Active	760205	Stuart Patteson	Certified
5SSO10717	Active	760208	Stuart Patteson	Certified
5SSO10717	Active	760209	Stuart Patteson	Certified
5SSO10717	Active	761579	Stuart Patteson	Certified
5SSO10717	Active	762275	Stuart Patteson	Certified
5SSO10717	Active	762943	Stuart Patteson, P.E.	Certified
5SSO10717	Active	763616	Stuart Patteson, P.E.	Certified
5SSO10717	Active	765654	Stuart Patteson, P.E.	Certified
5SSO10717	Active	765847	Stuart Patteson	Certified
5SSO10717	Active	766017	Stuart Patteson, P.E.	Certified
5SSO10717	Active	766414	Stuart Patteson, P.E.	Certified
5SSO10717	Active	767075	Stuart Patteson, P.E.	Certified
5SSO10717	Active	767395	Stuart Patteson, P.E.	Certified
5SSO10717	Active	767396	Stuart Patteson, P.E.	Certified
5SSO10717	Active	767397	Stuart Patteson, P.E.	Certified
5SSO10717	Active	768428	Stuart Patteson, P.E.	Certified

Assistant Public Works Director
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Public Works Operations Manager

8:41 a.m.		760041
8:36 a.m.		662106
8:28 a.m.		804964
8:26 a.m.		350726
8:24 a.m.		741495
8:23 a.m.		444166
	9:07 AM	315955
	9:06 AM	954115
8:41 a.m.		256956
	10:30 AM	192595
	10:30 AM	713551
	8:16 AM	439661
	7:08 AM	815597
	1:33 PM	647239
10:24 a.m.		763261
	11:18 AM	672359
	11:08 AM	505098
	11:08 AM	467070
	11:07 AM	920670
	11:24 AM	179771
	11:23 AM	136421
	11:23 AM	814998
	11:22 AM	167868
	11:22 AM	900350
	11:21 AM	104788
	11:21 AM	295469
	11:21 AM	907394
	11:20 AM	891524
	11:07 AM	542877
	11:06 AM	539284
Bakersfield, CA		660138
Bakersfield, CA		841315
Bakersfield, CA		931851
Bakersfield, CA		637474
Bakersfield, CA		213444
City Corp Yard, Bakersfield, CA		105506
City Corp Yard, Bakersfield, CA		642389
City Corp Yard, Bakersfield, CA		786388
City Corp Yard, Bakersfield, CA		146246
City Corp Yard, Bakersfield, CA		305974
City Corp Yard, Bakersfield, CA		365030
City Corp Yard, Bakersfield, CA		479144
City Corp Yard, Bakersfield, CA		138448
City Corporation Yard, Bakersfield, CA		510206
CIty Corporation Yard, Bakersfield, CA		368362
City Corp Yard, Bakersfield, CA		536826
City of Bakersfield Corporation Yard		270348
City of Bakersfield Corporation Yard		625151
City of Bakersfield Corporation Yard		659722
City of Bakersfield Corporation Yard		459719
Public Works Corporation Yard		364456
CIty of Bakersfield Corporation Yard		894411
CIty of Bakersfield Corporation Yard		977148
City of Bakersfield Corporation Yard		259949
City of Bakersfield Corporation Yard		684408

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

Category 3	20	0
Category 1	200	150
Category 3	7	0
Category 3	20	0
Category 3	10	0
Category 3	15	0
Category 3	20	10
Category 3	60	0
Category 3	10	0
Category 3	5	0
Category 3	30	0
Category 3	50	0
Category 3	2	0
Category 3	10	0
Category 1	900	0
Category 3	20	0
Category 1	200	0
Category 3	55	0
Category 1	30	0
Category 3	25	0
Category 3	45	0
Category 3	30	0
Category 3	50	0
Category 1	60	0
Category 3	240	0
Category 3	25	0
Category 3	15	0
Category 3	20	0
Category 3	700	0
Category 3	700	0
Category 3	10	0
Category 1	2	0
Category 1	40	0
Category 1	200	0
Category 3	80	0
Category 3	80	0
Category 3	100	0
Category 1	50	0
Category 1	100	0
Category 3	10	0
Category 1	100	0
Category 1	50	0
Category 3	15	0
Category 1	100	0
Category 1	60	0
Category 1	500	0
Category 1	120	0
Category 1	100	0
Category 3	50	50
Category 3	10	0
Category 3	120	0
Category 1	100	0
Category 3	3	0
Category 3	150	0
Category 3	120	0

0	No	No
50	Yes	Yes
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	Yes
900	Yes	Yes
0	No	Yes
200	Yes	Yes
0	No	Yes
30	Yes	No
0	No	Yes
0	No	Yes
0	No	No
0	No	Yes
60	Yes	No
0	No	Yes
0	No	Yes
0	No	Yes
0	No	Yes
0	No	Yes
0	No	No
0	No	Yes
2	No	No
40	No	Yes
200	No	No
0	No	No
0	No	Yes
0	No	Yes
50	Yes	No
65	No	Yes
0	No	No
50	No	No
25	No	Yes
0	No	No
75	No	Yes
60	No	No
500	No	Yes
120	No	No
60	No	Yes
0	No	Yes
0	No	No
0	No	Yes
100	No	Yes
0	No	No
0	No	Yes
0	No	Yes

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

1914 Truxtun Avenue
4400 South Real Road
24th Street and F Street
Columbus Avenue between Hollins & Pomona
1819 Beale Avenue
1616 Baker Street
1000 Clyde Street
2540 North Olive Street
5624 Barbados
Real Road
Auburn Street west of Oswell
Auburn west of Oswell
'K' Street
23rd and R Street
Cheyenne Mountain
700 'H' Street
3301 Columbus
3409 Laverne Avenue
6812 Shelby Loop
Clyde Street and East 10th Street
1419 Brundage Lane
Ming and Courtleigh Drive
3200 Sillect Avenue
21st and Westwind
23rd Street between Eye Street and Chester Avenue
3807 Auburn Street
5013 Pamela and Lois and Pamela
4908 Gaylene
1021 Clyde Street
Cerralvo Street/Obregon Avenue
227 Milham
2536 Larson
2935 F Street
South Halfmoon Drive South of Sage
1201 Vanderbilt
Clyde and East 11th Street
Mei Yen and White Lane
3800 Auburn Avenue
North Halfmoon and Innisfree
Real Road & Ivy Court
4416 Gardenwood
3500 Bank Street
Hidden Cove Court
2600 Fremont
2816 Ashe Road, in the alley
Hwy 178 & Alta Vista
2601 Fremont
Pullman/Corvallis
118 Irene St.
118 Irene Street
Olympia/Reedsport
Obregon/Cerralvo
118 Irene
1017 Clyde St.
Kathy Mae Ln

35.373	-119.024	Kern
35.314	-119.044	Kern
35.381	-119.024	Kern
35.397	-118.973	Kern
35.386	-118.986	Kern
35.387	-118.989	Kern
35.366	-118.986	Kern
35.382	-119.037	Kern
35.304	-119.07	Kern
35.366	-119.043	Kern
35.397	-118.95	Kern
35.397	-118.95	Kern
35.367	-119.017	Kern
35.379	-119.009	Kern
35.405	-119.146	Kern
35.363	-119.021	Kern
35.397	-118.955	Kern
35.34	-119.043	Kern
35.319	-119.097	Kern
35.366	-118.986	Kern
35.353	-119.017	Kern
35.336	-119.063	Kern
35.388	-119.037	Kern
35.376	-119.04	Kern
35.38	-119.019	Kern
35.397	-118.95	Kern
35.308	-119.004	Kern
35.309	-119.01	Kern
35.367	-118.987	Kern
35.292	-119.003	Kern
35.356	-118.995	Kern
35.331	-119.038	Kern
35.386	-119.023	Kern
35.323	-119.069	Kern
35.402	-118.979	Kern
35.367	-118.987	Kern
35.319	-119.071	Kern
35.397	-118.95	Kern
35.329	-119.079	Kern
35.358	-119.043	Kern
35.318	-119.052	Kern
35.357	-119.042	Kern
35.295	-119.023	Kern
35.332	-119.023	Kern
35.329	-119.074	Kern
35.383	-118.998	Kern
35.33	-119.023	Kern
35.325	-119.079	Kern
35.391	-119	Kern
35.391	-118.999	Kern
35.324	-119.077	Kern
35.292	-119.004	Kern
35.391	-118.999	Kern
35.367	-118.987	Kern
35.309	-119.045	Kern

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Other sewer system structure
Manhole
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Manhole
Manhole
Manhole
Other (specify)
Manhole
Pump station
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Manhole
Other (specify)
Manhole
Manhole
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Manhole
Manhole
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Manhole
Manhole
Gravity sewer
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole

Cleanout.

Lamphole

Lamphole

Street/curb and gutter
Other (specify below)
Street/curb and gutter
Street/curb and gutter
Other (specify below)
Storm drain
Street/curb and gutter
Street/curb and gutter
Street/curb and gutter
Street/curb and gutter
Storm drain
Other (specify below)
Other (specify below)
Street/curb and gutter
Other (specify below)
Street/curb and gutter
Other (specify below)
Street/curb and gutter
Storm drain
Street/curb and gutter
Street/curb and gutter
Street/curb and gutter
Street/curb and gutter
Storm drain
Street/curb and gutter
Other (specify below)
Storm drain
Storm drain
Storm drain
Other (specify below)
Other (specify below)
Street/curb and gutter
Street/curb and gutter
Other (specify below)
Street/curb and gutter
Street/curb and gutter
Street/curb and gutter
Other (specify below)
Other (specify below)
Other (specify below)
Street/curb and gutter
Street/curb and gutter
Other (specify below)
Combined storm drain (combined CS only)
Other paved surface
Other (specify below)
Other (specify below)
Other paved surface
Street/curb and gutter
Street/curb and gutter
Separate storm drain
Separate storm drain
Other (specify below)
Street/curb and gutter
Other (specify below)

Sump.
Gutter area.

Parking lot.

Manhole
Alley

Cheyenne Mountain Sump.

Sump.

Catch basin.

Sump S/178, W/Oswell

Catch basin.
Front yard and storm box in front of 227 Milham.

Sump.

Sump
Corvallis Park Sump.
Saunders Park Sump.

Gutter and grass.

In alley.
Under tree.
Sump
Overflowed into street area.

Spill was put back into the manhole.

Sump

12/14/2009 8:30	12/14/2009 8:30	12/14/2009 8:30	12/14/2009 9:00
12/14/2009 20:30	12/14/2009 20:15	12/14/2009 20:50	12/14/2009 21:40
12/16/2009 20:10	12/16/2009 20:25	12/16/2009 20:30	12/16/2009 20:50
1/2/2010 11:45	1/2/2010 11:50	1/2/2010 12:30	1/2/2010 13:15
1/5/2010 14:00	1/5/2010 14:20	1/5/2010 15:02	1/5/2010 15:02
1/8/2010 13:20	1/8/2010 13:26	1/8/2010 14:00	1/8/2010 14:05
1/17/2010 8:10	1/17/2010 8:10	1/17/2010 8:25	1/17/2010 8:45
1/30/2010 10:15	1/30/2010 10:30	1/30/2010 10:30	1/30/2010 14:30
2/5/2010 8:25	2/5/2010 8:35	2/5/2010 9:10	2/5/2010 9:15
2/21/2010 14:33	2/21/2010 14:33	2/21/2010 14:50	2/21/2010 15:24
2/18/2010 8:20	2/18/2010 8:25	2/18/2010 9:24	2/18/2010 9:35
2/20/2010 13:50	2/20/2010 14:00	2/20/2010 14:45	2/20/2010 14:50
2/23/2010 9:55	2/23/2010 9:55	2/23/2010 9:58	2/23/2010 10:16
3/8/2010 14:49	3/8/2010 14:49	3/8/2010 14:49	3/8/2010 15:00
3/31/2010 10:20	3/31/2010 10:20	3/31/2010 10:40	3/31/2010 13:28
5/3/2010 8:57	5/3/2010 8:57	5/3/2010 8:57	5/3/2010 9:18
5/7/2010 12:00	5/7/2010 15:00	5/7/2010 15:00	5/7/2010 16:30
5/24/2010 0:00	5/24/2010 20:45	5/24/2010 20:45	5/24/2010 21:35
5/21/2010 0:00	5/21/2010 9:50	5/21/2010 10:15	5/21/2010 10:50
6/4/2010 0:00	6/4/2010 10:18	6/4/2010 10:18	6/4/2010 10:30
6/6/2010 0:00	6/6/2010 11:30	6/6/2010 11:30	6/6/2010 12:30
6/30/2010 0:00	6/30/2010 13:30	6/30/2010 13:45	6/30/2010 14:30
7/12/2010 0:00	7/12/2010 10:00	7/12/2010 10:15	7/12/2010 11:00
7/25/2010 0:00	7/25/2010 16:27	7/25/2010 17:00	7/25/2010 17:05
8/8/2010 0:00	8/8/2010 13:30	8/8/2010 14:00	8/8/2010 14:30
8/18/2010 0:00	8/18/2010 17:30	8/18/2010 18:22	8/18/2010 18:30
8/23/2010 0:00	8/23/2010 7:45	8/23/2010 8:00	8/23/2010 8:10
8/24/2010 0:00	8/24/2010 7:00	8/24/2010 7:40	8/24/2010 7:45
9/7/2010 0:00	9/7/2010 11:30	9/7/2010 11:50	9/7/2010 12:04
9/2/2010 0:00	9/2/2010 11:30	9/2/2010 12:30	9/2/2010 13:30
9/23/2010 0:00	9/23/2010 10:15	9/23/2010 10:45	9/23/2010 10:55
10/22/2010 0:00	10/22/2010 8:49	10/22/2010 9:00	10/22/2010 9:00
10/26/2010 0:00	10/26/2010 10:40	10/26/2010 10:40	10/26/2010 12:00
10/30/2010 0:00	10/30/2010 16:50	10/30/2010 17:30	10/30/2010 18:00
11/25/2010 0:00	11/25/2010 12:50	11/25/2010 12:50	11/25/2010 13:00
12/5/2010 0:00	12/5/2010 14:45	12/5/2010 14:45	12/5/2010 15:15
12/5/2010 0:00	12/5/2010 17:00	12/5/2010 17:15	12/5/2010 18:00
12/12/2010 0:00	12/12/2010 19:35	12/12/2010 20:30	12/12/2010 20:40
12/28/2010 0:00	12/28/2010 14:10	12/28/2010 14:30	12/28/2010 15:30
12/28/2010 0:00	12/28/2010 16:30	12/28/2010 17:15	12/28/2010 17:45
12/25/2010 0:00	12/25/2010 15:20	12/25/2010 15:20	12/25/2010 16:45
12/31/2010 0:00	12/31/2010 11:20	12/31/2010 12:10	12/31/2010 0:00
1/19/2011 0:00	1/19/2011 15:05	1/19/2011 15:30	1/19/2011 15:45
1/29/2011 0:00	1/29/2011 17:50	1/29/2011 18:15	1/29/2011 19:30
2/8/2011 0:00	2/8/2011 16:00	2/8/2011 16:00	2/8/2011 16:15
2/19/2011 0:00	2/19/2011 16:30	2/19/2011 16:50	2/19/2011 22:30
4/13/2011 0:00	4/13/2011 19:00	4/13/2011 19:50	4/13/2011 0:00
4/23/2011 0:00	4/23/2011 12:15	4/23/2011 12:30	4/23/2011 13:26
4/29/2011 0:00	4/29/2011 10:20	4/29/2011 10:50	4/29/2011 12:00
5/10/2011 0:00	5/10/2011 8:00	5/10/2011 8:17	5/10/2011 8:30
5/22/2011 0:00	5/22/2011 10:00	5/22/2011 10:20	5/22/2011 10:45
6/2/2011 0:00	6/3/2011 7:05	6/3/2011 7:48	6/3/2011 8:15
6/7/2011 0:00	6/7/2011 8:47	6/7/2011 8:59	6/7/2011 9:30
6/8/2011 0:00	6/8/2011 9:15	6/8/2011 9:15	6/8/2011 12:11
7/2/2011 0:00	7/2/2011 22:30	7/2/2011 22:30	7/2/2011 23:20

Debri-General
Grease deposition (FOG)
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Other (specify below)
Grease deposition (FOG)
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Debri-General
Grease deposition (FOG)
Pump station failure
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Other (specify below)
Debri-General
Pump station failure
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Pump station failure
Pump station failure
Debri-General
Grease deposition (FOG)
Other (specify below)
Grease deposition (FOG)
Grease deposition (FOG)
Debri-Rags
Grease deposition (FOG)
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Other (specify below)
Grease deposition (FOG)
Grease deposition (FOG)

Grease and Debris.

Construction crew burried the manhole.

Sticks, debris and grease in the line.

Sewer manhole behind 2110 Sacramento, 300 feet to the west, blockage.

Main
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Cleaned-up (mitigated effects of spill)
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Cleaned-up (mitigated effects of spill)

Reset power at lift station, washed down area and disinfected area with bleach.

12/14/2009 21:40

1/17/2010 8:45

3/31/2010 13:28

5/7/2010 16:30

5/21/2010 10:50

7/25/2010 17:05

8/24/2010 7:45
9/7/2010 12:04
9/2/2010 13:30

12/12/2010 20:40

2/19/2011 22:30

6/3/2011 8:15

Other (specify below)

Other (specify below)

Other (specify below)

Other (specify below)

Other (specify below)

Other (specify below)

Repaired sewer
Other (specify below)
Other (specify below)

Other (specify below)

Repaired sewer

Other (specify below)

Cleaned mitigated effects with bleach and washed down area.

Washed down area and put bleach down and washed inside of manhole down, also washed down curb and gutter area.

Washed down affected area with bleach.

Called supervisor and electrician. Repaired sewer lift station. Cleaned and disinfected area of spill.

Cleaned mitigated effects of spill by using 1 gallon of bleach to wash down affected area.

Checked station and reset main breaker for lift station.

Hydroed from manhole on Clyde Street west, hit and broke stoppage. Washed down gutter and disinfected area with ble
Hydroed main line from the manhole on Panama east of Blue Creek, east and hit and broke stoppage. Broke stoppage a

Hydroed to the west 30 ft. Broke stoppage, came back, waited a few minutes then ran hydro again to make sure line was

Cleaned up the mitigated effects of spill.

No

No

No

No

No

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Storm water sump.
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No water quality samples taken

Not applicable to this spill

Not applicable to this spill

No water quality samples taken

Not applicable to this spill

Not applicable to this spill

Not applicable to this spill
Not applicable to this spill
Not applicable to this spill

Not applicable to this spill

Not applicable to this spill

Not applicable to this spill

No water quality samples taken

Not applicable to this spill

Not applicable to this spill

No water quality samples taken

Not applicable to this spill

Not applicable to this spill

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Not applicable to this spill

Not applicable to this spill

Not applicable to this spill

5SSO10717	Active	768518	Stuart Patteson, P.E.	Certified
5SSO10717	Active	769545	Stuart Patteson, P.E.	Certified
5SSO10717	Active	770511	Stuart Patteson, P.E.	Certified
5SSO10717	Active	771921	Stuart Patteson, P.E.	Certified
5SSO10717	Active	771923	Stuart Patteson, P.E.	Certified
5SSO10717	Active	771981	Stuart Patteson, P.E.	Certified
5SSO10717	Active	772187	Stuart Patteson, P.E.	Certified
5SSO10717	Active	772221	Stuart Patteson, P.E.	Certified
5SSO10717	Active	772224	Stuart Patteson, P.E.	Certified
5SSO10717	Active	773511	Stuart Patteson, P.E.	Certified
5SSO10717	Active	773513	Stuart Patteson, P.E.	Certified
5SSO10717	Active	773514	Stuart Patteson, P.E.	Certified
5SSO10717	Active	773556	Stuart Patteson, P.E.	Certified
5SSO10717	Active	773759	Stuart Patteson, P.E.	Certified
5SSO10717	Active	773760	Stuart Patteson, P.E.	Certified
5SSO10717	Active	774445	Stuart Patteson, P.E.	Certified
5SSO10717	Active	776913	Stuart Patteson, P.E.	Certified
5SSO10717	Active	778026	Stuart Patteson, P.E.	Certified
5SSO10717	Active	778364	Stuart Patteson, P.E.	Certified
5SSO10717	Active	778370	Stuart Patteson, P.E.	Certified
5SSO10717	Active	778374	Stuart Patteson, P.E.	Certified
5SSO10717	Active	778377	Stuart Patteson, P.E.	Certified
5SSO10717	Active	778379	Stuart Patteson, P.E.	Certified
5SSO10717	Active	778435	Stuart Patteson, P.E.	Certified
5SSO10717	Active	778871	Stuart Patteson	Certified
5SSO10717	Active	780191	Stuart Patteson, P.E.	Certified
5SSO10717	Active	780196	Stuart Patteson, P.E.	Certified
5SSO10717	Active	781906	Stuart Patteson, P.E.	Certified
5SSO10717	Active	781937	Stuart Patteson, P.E.	Certified
5SSO10717	Active	782931	Stuart Patteson	Certified
5SSO10717	Active	784789	Stuart Patteson, P.E.	Certified
5SSO10717	Active	784803	Stuart Patteson, P.E.	Certified
5SSO10717	Active	785859	Stuart Patteson, P.E.	Certified
5SSO10717	Active	786910	Stuart Patteson	Certified
5SSO10717	Active	787718	Stuart Patteson, P.E.	Certified
5SSO10717	Active	787719	Stuart Patteson, P.E.	Certified
5SSO10717	Active	787723	Stuart Patteson, P.E.	Certified
5SSO10717	Active	788388	Stuart Patteson, P.E.	Certified
5SSO10717	Active	788402	Stuart Patteson, P.E.	Certified
5SSO10717	Active	788418	Stuart Patteson, P.E.	Certified
5SSO10717	Active	788425	Stuart Patteson, P.E.	Certified
5SSO10717	Active	788742	Stuart Patteson, P.E.	Certified
5SSO10717	Active	789656	Stuart Patteson, P.E.	Certified
5SSO10717	Active	789661	Stuart Patteson, P.E.	Certified
5SSO10717	Active	790655	Stuart Patteson, P.E.	Certified
5SSO10717	Active	792088	Stuart Patteson, P.E.	Certified
5SSO10717	Active	793022	Stuart Patteson, P.E.	Certified
5SSO10717	Active	793023	Stuart Patteson, P.E.	Certified
5SSO10717	Active	793391	Stuart Patteson, P.E.	Certified
5SSO10717	Active	793394	Stuart Patteson, P.E.	Certified
5SSO10717	Active	793396	Stuart Patteson, P.E.	Certified
5SSO10717	Active	793408	Stuart Patteson, P.E.	Certified
5SSO10717	Active	793410	Stuart Patteson, P.E.	Certified
5SSO10717	Active	793411	Stuart Patteson, P.E.	Certified
5SSO10717	Active	793413	Stuart Patteson, P.E.	Certified

Public Works Operations Manager
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City of Bakersfield Corporation Yard	489926
City of Bakersfield Corporation Yard	408116
City of Bakersfield Corporation Yard	739114
City of Bakersfield Corporation Yard	285754
City of Bakersfield Corporation Yard	198670
City of Bakersfield Corporation Yard	930121
City of Bakersfield Corporation Yard	558834
City of Bakersfield Corporation Yard	607525
City of Bakersfield Corporation Yard	420559
City of Bakersfield Corporation Yard	981346
City of Bakersfield Corporation Yard	535912
City of Bakersfield Corporation Yard	592258
City of Bakersfield Corporation Yard	217982
City of Bakersfield Corporation Yard	161468
City of Bakersfield Corporation Yard	400228
City of Bakersfield Corporation Yard	608564
City of Bakersfield Corporation Yard	981776
City of Bakersfield Corporation Yard	358216
City of Bakersfield Corporation Yard	148899
City of Bakersfield Corporation Yard	709900
City of Bakersfield Corporation Yard	208734
City of Bakersfield Corporation Yard	832764
City of Bakersfield Corporation Yard	169210
City of Bakersfield Corporation Yard	489671
City of Bakersfield Corporation Yard	618887
City of Bakersfield Corporation Yard	443345
City of Bakersfield Corporation Yard	423783
City of Bakersfield Corporation Yard	661827
City of Bakersfield Corporation Yard	317256
City of Bakersfield Corporation Yard	372709
City of Bakersfield Corporation Yard	910936
City of Bakersfield Corporation Yard	247067
CIty of Bakersfield Corporation Yard	330708
City of Bakersfield Corporation Yard	139316
CIty of Bakersfield Corporation Yard	483183
CIty of Bakersfield Corporation Yard	493936
CIty of Bakersfield Corporation Yard	767994
City of Bakersfield Corporation Yard	579246
City of Bakersfield Corporation Yard	426660
City of Bakersfield Corporation Yard	993133
City of Bakersfield Corporation Yard	821897
City of Bakersfield Corporation Yard	245708
City of Bakersfield Corporation Yard	280442
City of Bakersfield Corporation Yard	913423
City of Bakersfield Corporation Yard	539831
City of Bakersfield Corporation Yard	176956
City of Bakersfield Corporation Yard	227268
City of Bakersfield Corporation Yard	195106
City of Bakersfield Corporation Yard	813261
City of Bakersfield Corporation Yard	844614
City of Bakersfield Corporation Yard	425503
City of Bakersfield Corporation Yard	653738
City of Bakersfield Corporation Yard	103539
City of Bakersfield Corporation Yard	283510
City of Bakersfield Corporation Yard	632468

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

Category 3	50	0
Category 3	700	0
Category 3	35	0
Category 3	30	0
Category 1	80	35
Category 3	450	0
Category 1	20	10
Category 3	50	0
Category 3	300	0
Category 3	20	0
Category 3	75	0
Category 3	200	0
Category 3	60	0
Category 3	50	0
Category 3	10	0
Category 3	30	0
Category 3	80	40
Category 3	540	0
Category 3	100	0
Category 3	850	0
Category 3	60	0
Category 3	97	0
Category 3	50	0
Category 3	40	0
Category 3	10	0
Category 3	180	0
Category 3	10	0
Category 3	150	0
Category 3	100	0
Category 3	10	5
Category 1	1000	0
Category 1	800	0
Category 1	40	0
Category 3	400	0
Category 1	500	350
Category 1	90	10
Category 1	30	20
Category 1	100	0
Category 1	10	0
Category 1	20	15
Category 1	80	30
Category 1	10	4
Category 3	20	0
Category 1	50	50
Category 1	50	25
Category 1	100	0
Category 1	100	50
Category 1	5	1
Category 1	35	25
Category 1	10	5
Category 1	15	0
Category 1	10	5
Category 1	5	0
Category 3	100	0
Category 1	5	3

0	No	Yes
0	No	Yes
0	No	Yes
0	No	Yes
45	No	Yes
0	No	No
10	No	Yes
0	No	Yes
0	No	Yes
0	No	Yes
0	No	Yes
0	No	Yes
0	No	Yes
0	No	Yes
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0	No	Yes
0	No	Yes
0	No	Yes
0	No	Yes
0	No	Yes
0	No	Yes
0	No	No
0	No	Yes
0	No	Yes
1000	No	No
800	No	No
25	No	Yes
0	No	No
150	No	Yes
80	No	Yes
10	No	Yes
100	No	No
6	No	No
5	No	Yes
50	No	Yes
6	No	No
0	No	Yes
50	No	No
25	No	No
100	No	Yes
50	No	Yes
4	No	Yes
10	No	No
5	No	No
15	No	No
5	No	No
5	No	No
0	No	Yes
2	No	No

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

2600 Lawn Street
Fairfax and Panorama Drive
4300 Isla Verde Street
13300 Silverton Dr.
Oakdale & Verde
Kennedy & S. Real Rd
2540 Olive St.
2540 Olive St.
Panama Lane & Parsons Sewer Lift Station
Auburn & Oswell
KING & EUREKA
UNION AND CALIFORNIA AVE
1819 Beale Ave.
32nd & San Dimas
6014 Onieda Falls
1021 Clyde Street
Dovewood and Cardenwood
Manhole on Columbus west of Wenatchee
11601 Birch Haven Avenue
Pecos River Drive & Haswell
Palmer Drive & Demaret Avenue
700 Block of H Street
117 Irene Street
11016 Iron Creek Avenue
GET Bus Station Alley
Stockport Dr.
1000 9th St.
Wilkins/Cyde, M/H
5151 Office Park
32nd and San Dimas
PECOS RIVER DR AND HASWELL ST
BIRCH HAVEN AVE AND SPRUCE HAVEN ST
FOUNDRY AND INFANTRY
511 HASWELL
Manhole
11608 Bay Meadows
717 H st
Oakdale/ Bank st
33rd & K st.
2000 30th St.
Toluca dr. & Mazatlan dr.
518 8th st
3412 South Half Moon
2500 East Belle Terrace
4500 Idle Rock
Manhole
4417 and 4600 Idle Rock Ave
504 Pine St
2400 Aspen st
3200 Columbus St
5525 Dustin
2131 Park wy
Akers & Berkshire
13012 Cheyenne Mountain Dr
1710 Maple st

35.382	-119.032	Kern
35.402	-118.93	Kern
35.397	-119.005	Kern
35.352	-119.151	Kern
35.356	-119.041	Kern
35.328	-119.043	Kern
35.382	-119.037	Kern
35.382	-119.037	Kern
35.293	-119.003	Kern
35.397	-118.95	Kern
35.372	-118.992	Kern
35.369	-119.002	Kern
35.388	-118.985	Kern
35.388	-119.008	Kern
35.414	-119.117	Kern
35.366	-118.986	Kern
35.318	-119.051	Kern
35.397	-118.96	Kern
35.373	-119.131	Kern
35.362	-119.13	Kern
35.351	-119.059	Kern
35.363	-119.02	Kern
35.391	-119.001	Kern
35.365	-119.126	Kern
35.379	-119.018	Kern
35.292	-118.997	Kern
35.365	-119.013	Kern
35.355	-118.987	Kern
35.366	-119.059	Kern
35.388	-119.008	Kern
35.35	-119.116667	Kern
35.366667	-119.116667	Kern
35.379	-119.007	Kern
35.362	-119.13	Kern
35.362	-119.129	Kern
35.401	-119.131	Kern
35.364	-119.021	Kern
35.358	-119.04	Kern
35.389	-119.017	Kern
35.388	-119.027	Kern
35.348	-119.16	Kern
35.364	-119.008	Kern
35.323	-119.069	Kern
35.346	-118.976	Kern
35.373	-119.018	Kern
35.295	-119.027	Kern
35.27	-119.051	Kern
35.362	-119.0317	Kern
35.382	-119.028	Kern
35.397	-118.957	Kern
35.303	-119.016	Kern
35.367	-119.027	Kern
35.288	-119.047	Kern
35.406	-119.147	Kern
35.366	-119.021	Kern

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Street/curb and gutter
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Street/curb and gutter
Other (specify below)
Street/curb and gutter

Sump at Fairfax Road.

Sump on Warrenton

Storm line
Storm line on north end.
Storm sump.

Alley way
sump

Sump
Sump

Sump

Sump

Storm Drain
Sump #143

DRAINAGE BASIN #220
DRAINAGE BASIN #133
STORM BOX

Storm drain catch basin
Sump #149

Storm boxes in area

Sewer water went into storm drain. Final destination drainage retention basin.
Grass area behind address
Swap
Top of AC
Sump #284
storm water retention sump #133
Catch basin
Catch Basin
Storm drain inlet boxes

Storm box
Storm Box

Drainage retention sump

7/10/2011 0:00	7/10/2011 14:30	7/10/2011 14:40	7/10/2011 16:00
8/1/2011 19:00	8/1/2011 19:00	8/1/2011 19:00	8/1/2011 20:00
8/29/2011 11:00	8/29/2011 11:00	8/29/2011 11:00	8/29/2011 11:15
10/8/2011 15:30	10/8/2011 15:30	10/8/2011 16:30	10/8/2011 17:00
10/8/2011 10:20	10/8/2011 10:20	10/8/2011 10:40	10/8/2011 12:00
10/11/2011 16:30	10/11/2011 16:40	10/11/2011 17:10	10/11/2011 17:45
10/17/2011 11:00	10/17/2011 11:00	10/17/2011 11:00	10/17/2011 11:40
10/17/2011 21:00	10/17/2011 21:30	10/17/2011 21:40	10/17/2011 22:20
10/15/2011 20:00	10/15/2011 21:00	10/15/2011 21:45	10/15/2011 22:30
11/14/2011 8:28	11/14/2011 8:28	11/14/2011 8:41	11/14/2011 8:41
11/18/2011 18:00	11/18/2011 18:30	11/18/2011 19:00	11/18/2011 20:30
11/14/2011 14:38	11/14/2011 14:38	11/14/2011 18:41	11/14/2011 20:41
11/26/2011 9:42	11/26/2011 9:42	11/26/2011 10:00	11/26/2011 13:10
12/5/2011 14:05	12/5/2011 14:05	12/5/2011 14:45	12/5/2011 13:05
12/2/2011 21:00	12/2/2011 21:05	12/2/2011 21:50	12/2/2011 22:10
12/14/2011 9:40	12/14/2011 9:42	12/14/2011 9:57	12/14/2011 10:23
2/5/2012 17:40	2/5/2012 17:40	2/5/2012 18:10	2/5/2012 19:00
2/22/2012 7:00	2/22/2012 7:15	2/22/2012 7:53	2/22/2012 8:50
3/2/2012 10:30	3/2/2012 10:30	3/2/2012 11:00	3/2/2012 15:00
3/2/2012 9:00	3/2/2012 10:25	3/2/2012 10:41	3/2/2012 15:51
3/2/2012 13:00	3/2/2012 13:00	3/2/2012 13:40	3/2/2012 14:38
3/3/2012 13:00	3/3/2012 13:00	3/3/2012 14:00	3/3/2012 14:27
3/3/2012 7:45	3/3/2012 7:45	3/3/2012 8:00	3/3/2012 9:00
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3/20/2012 11:42	3/20/2012 11:42	3/20/2012 11:59	3/20/2012 12:30
4/7/2012 16:00	4/7/2012 17:00	4/7/2012 17:40	4/7/2012 19:00
4/12/2012 17:00	4/12/2012 17:00	4/12/2012 17:15	4/12/2012 18:00
6/3/2012 2:50	6/3/2012 2:55	6/3/2012 3:05	6/3/2012 3:38
5/31/2012 0:00	5/31/2012 2:00	5/31/2012 1:59	5/31/2012 2:57
6/28/2012 7:15	6/28/2012 7:12	6/28/2012 7:30	6/28/2012 8:15
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1/14/2013 10:05	1/14/2013 10:05	1/14/2013 10:05	1/14/2013 10:40
2/2/2013 11:00	2/2/2013 12:00	2/2/2013 1:00	2/2/2013 2:00
3/12/2013 5:00	3/12/2013 5:10	3/12/2013 5:30	3/12/2013 6:00
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2/8/2013 2:15	2/8/2013 2:20	2/8/2013 2:30	2/8/2013 2:40
1/27/2013 1:00	1/27/2013 1:00	1/27/2013 1:25	1/27/2013 1:50
2/14/2013 3:00	2/14/2013 3:12	2/14/2013 3:30	2/14/2013 4:30
4/14/2013 11:50	4/14/2013 12:00	4/14/2013 12:35	4/14/2013 3:00
3/8/2013 3:24	3/8/2013 3:24	3/8/2013 3:24	3/8/2013 4:15

Grease deposition (FOG)
Grease deposition (FOG)
Other (specify below)
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Debri-General
Pump station failure
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Other (specify below)
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Grease deposition (FOG)
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Grease deposition (FOG)
Debri-Rags
Root intrusion
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Other (specify below)
Debri-General
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Pump station failure
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Grease deposition (FOG)
Pump station failure
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Lots of PVC foam in sewer line.

Debris and grease

HEAVY GREASE AND DEBRIS.
BROKEN SEWER LINE
Grease and grit

Paper
Large amount of grease in City Main.

Rain for Rent bypass pumps clogged causing Jewetta line to back up.
A private contractor's three pumps failed to work.

Rain for Rent pumps on Westside Parkway sewer bypass all clogged causing back up.
paper & grease

Fwy construction by pass pumps clogged and shut down, causing areas sewer collection system to back up.
Freeway construction contractor's sewer by-pass pumps clogged and shut down.
LOTS OF GREASE IN MAIN
RAIN FOR RENT PUMP MALFUNCTION / VANDALISM AT JEWETTA TEMP BYPASS

Hageman & Jewetta sewer lift station malfunction due to level tansducer caught in wet well debris
Manhole overflowing in parking lot

Lots of Grease and Oil in City Main
Lots of Grease in Manhole
City sewer main on Toluca dr had blockage caused by heavy paper debris.

RV that had dropped their sewer tank load in the street
Pump station was off line

Manhole overflow with Root's and Paper, Need to camera main
Lot's of Rocks in Main
Heavy grease and debris
Lots of Grit in main
Manhole plug with heavy grease and debris
Combination line blockage and pump overheated at Hagemen and Allen lift station
Lots of grease in Manhole

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Pump Station @ Panama Ln. & Parsons Ln.

Cleaned-up (mitigated effects 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);Restored flow
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Cleaned-up (mitigated effects of spill);Restored flow;Other (specify below)
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Cleaned-up (mitigated effects of spill);Restored flow;Other (specify below)
Cleaned-up (mitigated effects of spill);Restored flow;Other (specify below)
Cleaned-up (mitigated effects of spill);Restored flow;Other (specify below)
Cleaned-up (mitigated effects of spill);Restored flow;Other (specify below)

Hydro from M/H on MLK Blvd 25' south hit and cleared stoppage. Wash down area

Jetted manhole at 32nd and Q st to grease stoppage in area

Rain for Rent mechanic re-started pumps, stopping the overflow. City crew washed down area
JET THE SEWER MAIN THAT WAS BACKED UP
CORRECT PUMP ERROR BY RAIN FOR RENT MECHANICS
Correct problem at pump station. Rain for Rent replaced defective pump
Checked areas that were overflowing. Another crew corrected the problem at the lift station, bringing the levels down and
Set at 717 Hst, Jetted line. West 450 to grease area roots in City Main. Also washed down area. Combo vacummed and
Start vacumming up sewer waters pull pumps with crane truck to fix pumps, replace pump and start up lift station.
Wash down area where manhole was overflowing and sanitized with bleach
Wash down area at 2000 30th st with lots of water. Disinfect.
To keep the public from coming in contact with the sewage.

Cleaned and restored
Washed down and disinfected area. Jetted main line and cleared blockage.
Restarted lift station pumps.
Ran the hose from 505 Myrtle St. Unplugged the blockage.
Wah down area with water and bleach
Set-up at 3300 Columbus hydro 300 ft then 400 to clear main
Cause of spill heavy grease & debris after blockage- wash down area & disinfect with bleach
Also wash down area and put bleach down
Wash down debris back into Manhole, wash down gutter and disinfect area
Went to a lift station on Hageman and Allen, pulled and cleaned #2 pump then went back to the address and wash it dow
Set up at 2026 Orange st and jetted main about 300 ft to stoppage that was grease. Then washed down area on side of 1

10/8/2011 12:00

10/17/2011 11:40

8/5/2012 10:40

Added sewer to preventive maintenance program

Added sewer to preventive maintenance program

Other (specify below)

Sub-contractor unclogged their by pass pump, and cleaned up site

No

No

Yes

No

No

No

N/A
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Drainage basin
Storm drainage basin
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Not applicable to this spill

Not applicable to this spill

No water quality samples taken

Not applicable to this spill

Not applicable to this spill

No water quality samples taken

124578 8/6/2012 9:00

5SSO10717	Active	793857	Stuart Patteson, P.E.	Certified
5SSO10717	Active	794024	Stuart Patteson, P.E.	Certified
5SSO10717	Active	794170	Stuart Patteson, P.E.	Certified
5SSO10717	Active	795699	Stuart Patteson, P.E.	Certified
5SSO10717	Active	795818	Stuart Patteson, P.E.	Certified
5SSO10717	Active	796792	Stuart Patteson, P.E.	Certified
5SSO10717	Active	797099	Stuart Patteson, P.E.	Certified
5SSO10717	Active	797110	Stuart Patteson, P.E.	Certified
5SSO10717	Active	797363	Stuart Patteson, P.E.	Certified
5SSO10717	Active	798074	Stuart Patteson, P.E.	Certified
5SSO10717	Active	798319	Stuart Patteson, P.E.	Certified
5SSO10717	Active	799085	Stuart Patteson, P.E.	Certified
5SSO10717	Active	800854		Work In Progress
5SSO10718	Active	800940		Ready To Certify
5SSO10720	Active	718624	Lisa Kao	Certified
5SSO10721	Active	704424	Michael Riddell	Certified
5SSO10721	Active	707132	Michael Riddell	Certified
5SSO10721	Active	709643	Michael Riddell	Certified
5SSO10721	Active	709644	Michael Riddell	Certified
5SSO10721	Active	710470	Michael Riddell	Certified
5SSO10721	Active	710591	Michael Riddell	Certified
5SSO10721	Active	710594	Michael Riddell	Certified
5SSO10721	Active	710712	Michael Riddell	Certified
5SSO10721	Active	710713	Michael Riddell	Certified
5SSO10721	Active	710715	Michael Riddell	Certified
5SSO10721	Active	710716	Michael Riddell	Certified
5SSO10721	Active	712956	Michael Riddell	Certified
5SSO10721	Active	713667	Michael Riddell	Certified
5SSO10721	Active	715587	Michael Riddell	Certified
5SSO10721	Active	719556	Michael Riddell	Certified
5SSO10721	Active	721674	Michael Riddell	Certified
5SSO10721	Active	722559	Michael Riddell	Certified
5SSO10721	Active	728075	Michael Riddell	Certified
5SSO10721	Active	730521	Michael Riddell	Certified
5SSO10721	Active	731122	Michael Riddell	Certified
5SSO10721	Active	731319	Michael Riddell	Certified
5SSO10721	Active	731495	Michael Riddell	Certified
5SSO10721	Active	732784	Michael Riddell	Certified
5SSO10721	Active	733282	Michael Riddell	Certified
5SSO10721	Active	733986	Michael Riddell	Certified
5SSO10721	Active	734455	Michael Riddell	Certified
5SSO10721	Active	736146	Michael Riddell	Certified
5SSO10721	Active	745618	Michael Riddell	Certified
5SSO10721	Active	747473	Michael Riddell	Certified
5SSO10721	Active	747916	Michael Riddell	Certified
5SSO10721	Active	748173	Michael Riddell	Certified
5SSO10721	Active	748554	Michael Riddell	Certified
5SSO10721	Active	749759	Michael Riddell	Certified
5SSO10721	Active	751161	Michael Riddell	Certified
5SSO10721	Active	751437	Michael Riddell	Certified
5SSO10721	Active	751987	Michael Riddell	Certified
5SSO10721	Active	756581	Michael Riddell	Certified
5SSO10721	Active	758088	Michael Riddell	Certified
5SSO10721	Active	767457	Michael Riddell	Certified
5SSO10721	Active	770935	Michael Riddell	Certified

Public Works Operations Manager
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Public Works Operations Manager
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Public Works Operations Manager

Environmental Quality Manager
Sanitary Services Supervisor
Public Works Superintendent
Public Works Superintendent
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Wastewater System Supervisor
Wastewater System Supervisor
Public Works Superintendent
Public Works Superintendent
Public Works Superintindent
Public Works Superintendent
Public Works Superintendent
Public Works Superintendent
Public Works Superintendent
Public Works Superintendent
Public Works Superintendent
Public Works Superintendent
Public Work Superintendent
Public Works Superintendent

CIty of Bakersfield Corporation Yard		860148
CIty of Bakersfield Corporation Yard		249977
City of Bakersfield Corporation Yard		767809
CIty of Bakersfield Corporation Yard		987463
City of Bakersfield Corporation Yard		627296
City of Bakersfield Corporation Yard		436232
City of Bakersfield Corporation Yard		411401
City of Bakersfield Corporation Yard		687924
City of Bakersfield Corporation Yard		608848
City of Bakersfield Corporation Yard		150241
City of Bakersfield Corporation Yard		731620
City of Bakersfield Corporation Yard		759435
CSU Fresno		539228
	1155	924271
	1515	769647
	1417	385003
Ceres Ca		480715
	1639	980476
	1014	106675
	1532	255362
	1655	401315
	1507	250613
	817	275455
	1456	569260
	1502	774301
	1617	384511
	1523	663237
	1537	439346
	1542	657061
	1546	627123
	1433	530908
	1553	189928
	1507	953458
	1608	410837
	1546	661345
	702	219993
	1313	871488
	1305	544429
	1325	751917
	1448	447060
	1322	194384
	904	374425
	1508	235733
	1100	570122
	1019	518493
	1108	723413
	915	902094
	1115	858709
	1130	953017
	1101	441372
	901	412808
	1139	185535
	1443	129691

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

Category 1		50	10
Category 1		60	35
Category 3		5	5
Category 1		10	7
Category 1		10	8
Category 1		40	0
Category 3		5	0
Category 1		10	0
Category 1		100	30
Category 1		15	0
Category 1		5	3
Category 3	100	100	65
Category 1	0	20	10
Category 1	180	230	20
Category 3		100	100
Category 3		180	180
Category 3		43	43
Category 2		7398	7398
Category 2		7398	7398
Category 3		55	55
Category 3		366	366
Category 3		100	100
Category 1		240	0
Category 1		3375	0
Category 3		240	240
Category 1		1045	0
Category 3		19	19
Category 3		552	552
Category 3		75	75
Category 3		30	0
Category 3		35	35
Category 3		900	900
Category 3		500	500
Category 3		21	21
Category 3		100	100
Category 3		420	420
Category 3		243	243
Category 3		175	175
Category 3		40	0
Category 3		120	120
Category 3		695	695
Category 3		180	180
Category 3		135	135
Category 3		78	78
Category 2		2730	2730
Category 3		30	30
Category 3		100	100
Category 3		95	95
Category 3		127	127
Category 3		145	145
Category 3		25	25
Category 3		75	75
Category 3		110	110
Category 3		30	30
Category 2		101789	101789

40	No	No
25	No	No
0	No	No
3	No	No
2	No	No
40	No	Yes
0	No	No
10	No	No
70	No	No
15	No	No
2	No	No
0	No	No
10	Yes	Yes
50	Yes	No
0	No	No
	No	No
0	No	No
0	No	No
0	No	No
	No	No
	No	No
0	No	No
240	Yes	Yes
3375	Yes	Yes
	No	No
1045	Yes	Yes
	No	No
	No	No
0	No	No
0	No	Yes
0	No	No
0	No	No
0	No	Yes
0	No	Yes
0	No	Yes
0	No	Yes
0	No	No
0	No	No
0	No	No
0	No	Yes
0	No	Yes
0	No	Yes
0	No	Yes
0	No	Yes
0	No	Yes
0	No	No
0	No	Yes
0	No	No
0	No	Yes
0	No	No
0	No	No
0	No	Yes
0	No	Yes
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
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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
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 a separate storm drainpipe

2700 Aspen st
Innisfree and North Halfmoon
2441 Encina
3025 Q st
2020 B st
10200 Bluffshadow Dr
Obregon & Cerralvo
5100 Ming Ave
240 South Real rd
York & Adanac ct
30th & Spruce st
Reynosa Ave & Cerralvo
2600 30th st , 30th and Spruce
Crystal Lake Lane cross street Aqua Villa Court at manhole #14
California State University, Beiden Field lift station
Trina Lane
Fowler Road and Poppy Lane
1543 Bernice Drive
1543 Bernice Drive
1745 Richard Way
1112 Symphony Way
2601 Casa Verde Dr
Barbours Lift Station
Rose Ave & Wix Lane
Pine Street Lift Station
Christy Lane
1109 Sonora Ave
Herndon Road
Garrison Ave.
Angie Ave
3309 Trina Lane
2517 Mitchell Road
1949 Bavil Dr.
Corner of Fowler Ave and Poppy Lane
2345 4th St.
Garrison Ave East of Eloise Ave
Eloise Ave
Whitmore Ave
1820 Gail Ct
2314 5th Street
2314 5th Street
1825 El Monte Rd
2717 Christy Lane
2625 Don Pedro Road
2133 6th Street
Alley between 9th St. and Kay S.
Service Road Lift Station
2717 Christy Lane
533 Avon
Ridlon Way at Ridlon Ct
Service Road at Blaker
1600 Hatch Road
Wild Oak Drive @ Glen Court
1600 Hatch Road
4200 Morgan Road

35.384	-119.031	Kern
35.33	-119.179	Kern
35.381	-119.025	Kern
35.387	-119.01	Kern
35.377	-119.027	Kern
35.416	-118.89	Kern
35.292	-119.003	Kern
35.339	-119.06	Kern
35.351	-119.043	Kern
35.318	-119.042	Kern
35.388	-119.027	Kern
35.293	-119.003	Kern
35.388	-119.027	Kern
35.165278	-118.656667	Kern
36.813889	119.755556	Fresno
37.596944	120.934444	Stanislaus
37.6013	-120.93225	Stanislaus
37.729722	120.918889	Stanislaus
37.612778	120.918889	Stanislaus
37.606944	120.9525	Stanislaus
37.680278	120.841111	Stanislaus
37.59395	-120.94467	Stanislaus
37.59431	-120.93881	Stanislaus
37.58967	-120.94281	Stanislaus
37.655556	120.520278	Stanislaus
37.58314	-120.94441	Stanislaus
37.676944	120.966667	Stanislaus
37.7425	120.966667	Stanislaus
37.59833	-120.94695	Stanislaus
37.61048	-120.94011	Stanislaus
37.59703	-120.93442	Stanislaus
37.59424	-120.93877	Stanislaus
37.58243	-120.95923	Stanislaus
37.60138	-120.93226	Stanislaus
37.59518	-120.95337	Stanislaus
37.59841	-120.94647	Stanislaus
37.59686	-120.94636	Stanislaus
37.585278	120.955	Stanislaus
37.602778	120.951667	Stanislaus
37.585278	120.950556	Stanislaus
37.585278	120.986944	Stanislaus
37.576389	-120.971944	Stanislaus
37.583056	-120.944444	Stanislaus
37.583889	-120.946944	Stanislaus
37.597778	-120.950833	Stanislaus
37.591389	-120.947222	Stanislaus
37.580556	-120.977778	Stanislaus
37.580556	-120.944444	Stanislaus
37.583056	-120.944444	Stanislaus
37.624444	-120.913333	Stanislaus
37.580278	-120.966111	Stanislaus
37.609167	-120.968611	Stanislaus
37.576389	-120.971944	Stanislaus
37.609167	-120.968611	Stanislaus
37.580278	-120.968056	Stanislaus

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Crystal Lake Lane cross street Aqua Villa Court at manhole #14

Lamp Hole Middle of Street
Manhole on Fowler Road at Poppy Lane

Out fall manholes at lift station

Basement of resident at 1820 Gail Court

Man hole at the intersection of Christy Lane and Sherry Court

1st manhole North of Symphony Dr on Avon St

Head Works construcation project at the WWTP

2

1

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

Sewer pump station failure

Lamp Hole

Lamp Hole

Sewer clean out

Lamp Hole Cover

Lamp hole
Air Relief Valve on force main

Discharge hose for bypass pump partially missed manhole for approx 1.5 to 2 seconds

From pipe in side of manhole structure that was pluged with bladder plug exposed for replacement

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

Storm box across from address
Alley on the same street
Into a storm box
Storm box
Storm sump
Gutter & Storm box
Gutter & Parking lot
Storm box
Storm box
Curb & Gutter

Ceres Main Canal
Ceres Main Canal

Ceres Main Canal

Construcation trench

4/29/2013 9:05	4/29/2013 9:05	4/29/2013 9:05	4/29/2013 9:26
5/5/2013 11:30	5/5/2013 11:30	5/5/2013 11:30	5/5/2013 2:30
5/13/2013 6:30	5/13/2013 6:30	5/13/2013 6:40	5/13/2013 8:00
6/17/2013 12:00	6/17/2013 12:00	6/17/2013 12:00	6/17/2013 12:55
6/11/2013 1:35	6/11/2013 1:35	6/11/2013 1:35	6/11/2013 2:00
7/10/2013 0:00	7/10/2013 3:30	7/10/2013 4:00	7/10/2013 4:00
7/17/2013 3:00	7/17/2013 3:00	7/17/2013 3:20	7/17/2013 3:45
7/19/2013 0:00	7/19/2013 11:20	7/19/2013 11:43	7/19/2013 12:00
7/27/2013 0:00	7/27/2013 12:10	7/27/2013 12:35	7/27/2013 12:45
8/19/2013 0:00	8/19/2013 2:25	8/19/2013 2:35	8/19/2013 2:50
8/26/2013 0:00	8/26/2013 9:00	8/26/2013 9:30	8/26/2013 10:00
9/23/2013 10:30	9/23/2013 10:30	9/23/2013 10:50	9/23/2013 11:30
11/16/2013 10:00	11/16/2013 10:30	11/16/2013 10:50	11/16/2013 11:00
11/18/2013 13:45	11/18/2013 14:30	11/18/2013 14:45	11/18/2013 15:30
10/20/2007 20:00	10/21/2007 8:00	10/21/2007 8:00	10/21/2007 8:00
9/30/2007 10:40	9/30/2007 10:40	9/30/2007 10:50	9/30/2007 11:40
11/1/2007 18:55	11/1/2007 18:55	11/1/2007 18:55	11/1/2007 19:37
12/16/2007 12:00	12/16/2007 12:40	12/16/2007 13:10	12/16/2007 13:37
12/16/2007 12:00	12/16/2007 12:40	12/16/2007 13:10	12/16/2007 13:37
12/27/2007 15:05	12/27/2007 15:05	12/27/2007 15:15	12/27/2007 16:00
12/29/2007 14:45	12/29/2007 14:45	12/29/2007 15:00	12/29/2007 15:35
12/30/2007 13:25	12/30/2007 13:25	12/30/2007 13:40	12/30/2007 14:20
1/4/2008 18:45	1/4/2008 18:45	1/4/2008 18:45	1/4/2008 19:00
1/4/2008 19:25	1/4/2008 19:25	1/4/2008 19:25	1/4/2008 20:10
1/4/2008 19:25	1/4/2008 19:25	1/4/2008 19:25	1/4/2008 20:10
1/4/2008 20:25	1/4/2008 20:25	1/4/2008 20:30	1/4/2008 0:00
2/14/2008 13:15	2/14/2008 13:15	2/14/2008 13:20	2/14/2008 13:39
2/20/2008 21:13	2/20/2008 21:13	2/20/2008 21:30	2/20/2008 22:45
3/30/2008 18:20	3/30/2008 18:20	3/30/2008 18:30	3/30/2008 18:55
6/16/2008 7:33	6/16/2008 7:33	6/16/2008 7:38	6/16/2008 7:48
7/7/2008 17:05	7/7/2008 17:05	7/7/2008 17:15	7/7/2008 17:40
7/14/2008 9:00	7/14/2008 9:00	7/14/2008 9:10	7/14/2008 9:30
10/18/2008 8:20	10/18/2008 8:20	10/18/2008 8:40	10/18/2008 9:30
12/11/2008 16:09	12/11/2008 16:09	12/11/2008 16:15	12/11/2008 16:30
12/26/2008 21:30	12/26/2008 21:30	12/26/2008 21:00	12/26/2008 21:45
1/1/2009 16:00	1/1/2009 16:00	1/1/2009 16:09	1/1/2009 17:10
1/6/2009 10:45	1/6/2009 10:45	1/6/2009 10:45	1/6/2009 11:12
1/29/2009 7:00	1/29/2009 7:00	1/29/2009 7:15	1/29/2009 7:35
2/7/2009 8:02	2/7/2009 8:02	2/7/2009 8:25	2/7/2009 9:00
2/22/2009 16:10	2/22/2009 16:10	2/22/2009 16:30	2/22/2009 16:50
2/28/2009 11:00	2/28/2009 11:00	2/28/2009 11:23	2/28/2009 12:15
4/9/2009 10:56	4/9/2009 10:56	4/9/2009 11:05	4/9/2009 11:16
10/13/2009 22:38	10/13/2009 22:38	10/13/2009 22:38	10/13/2009 22:53
12/11/2009 13:00	12/11/2009 13:00	12/11/2009 13:10	12/11/2009 13:20
12/26/2009 14:30	12/28/2009 11:00	12/28/2009 11:25	12/28/2009 11:45
1/5/2010 9:30	1/5/2010 9:30	1/5/2010 9:50	1/5/2010 10:10
1/20/2010 13:30	1/20/2010 13:30	1/20/2010 13:35	1/20/2010 14:20
2/23/2010 23:00	2/23/2010 23:00	2/23/2010 23:00	2/23/2010 23:35
3/30/2010 20:30	3/30/2010 20:30	3/30/2010 20:45	3/30/2010 21:15
4/8/2010 10:00	4/8/2010 10:00	4/8/2010 10:10	4/8/2010 10:50
4/22/2010 22:05	4/22/2010 22:05	4/22/2010 22:05	4/22/2010 22:05
9/3/2010 0:00	9/3/2010 1:00	9/3/2010 1:00	9/3/2010 2:15
10/24/2010 0:00	10/24/2010 12:30	10/24/2010 12:50	10/24/2010 1:28
6/14/2011 0:00	6/14/2011 8:30	6/14/2011 8:10	6/14/2011 8:30
9/9/2011 9:00	9/9/2011 10:00	9/9/2011 10:15	9/9/2011 20:30

Grease deposition (FOG)
Grease deposition (FOG)
Grease deposition (FOG)
Other (specify below)
Grease deposition (FOG)
Other (specify below)
Grease deposition (FOG)
Other (specify below)
Other (specify below)
Grease deposition (FOG)
Grease deposition (FOG)
Pump Station Failure-Controls
Other (specify below)
Debris-General
Other (specify below)
Grease deposition (FOG)
Root intrusion
Grease deposition (FOG)
Grease deposition (FOG)
Grease deposition (FOG)
Grease deposition (FOG)
Grease deposition (FOG)
Flow exceeded capacity (Seperate CS Only)
Other (specify below)
Flow exceeded capacity
Flow exceeded capacity (Seperate CS Only)
Grease deposition (FOG)
Grease deposition (FOG)
Grease deposition (FOG)
Grease deposition (FOG)
Grease deposition (FOG)
Debri-General
Grease deposition (FOG)
Grease deposition (FOG)
Debri-General
Grease deposition (FOG)
Grease deposition (FOG)
Debri-Rags
Grease deposition (FOG)
Grease deposition (FOG)
Debri-Rags
Grease deposition (FOG)
Rainfall exceeded design
Grease deposition (FOG)
Grease deposition (FOG)
Grease deposition (FOG)
Other (specify below)
Flow exceeded capacity
Grease deposition (FOG)
Grease deposition (FOG)
Operator error
Debri-General
Grease deposition (FOG)
Debri-General
Other (specify below)

Grease & Paper
Grease in sewer main
Grease in Main
Lift station tripped
Heavy grease blockage
Heavy grease & Debris in line
Grease & paper debris
Heavy grease

Manhole Overflow

switch operating the pump at lift station was inadvertently shut off.

1.7 of rain, recieved 0.7 in less than 2 hours
1.7 of rain of which we recieved 0.7 of between 1400hrs to 1600hrs. Storm Drain System overwhelmed, streets flooded

Resident back flow device failed

Air Relief Valve failure

Discharge hose for bypass pumping partially missed manhole for a very short time frame

Bladder plug failure

Main
Main
Main
Main
Main
Main
Main
Main
Main
Main
Main
Pump Station-Controls
Force Main
Gravity Mainline

Main

Main
Main
Main

Main

Main
Main
Main
Main
Main
Main
Main
Main
Main

Main

Main
Main
Main

No		
No	10	Clay
	8	VCP

480

30

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;Returned all or portion of spill to sanitary sewer syst
Cleaned-up (mitigated effects of spill);Restored flow;Other (specify below)
Cleaned-up (mitigated effects of spill);Restored flow;Other (specify below)
Cleaned-up (mitigated effects of spill);Restored flow;Other (specify below)
Cleaned-up (mitigated effects of spill);Restored flow;Other (specify below)
Cleaned-up (mitigated effects of spill);Restored flow;Other (specify below)
Cleaned-up (mitigated effects of spill);Restored flow;Other (specify below)
Cleaned-up (mitigated effects of spill);Restored flow;Returned all or portion of spill to sanitary sewer system;Other (specif
Restored flow;Other (specify below)
Cleaned-up (mitigated effects of spill);Restored flow;Other (specify below)

Cleaned-Up;Restored flow;Returned Portion of Spill to Sanitary Sewer System;Other Enforcement Agency Notified
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);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;Restored flow;Returned all or portion of spill to sanit
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Restored flow
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow;Returned all or portion of spill to sanit
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;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;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
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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
Inspected sewer using CCTV to determine cause;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;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
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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;Returned all or portion of spill to sanitary sewer syst
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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
Restored flow;Returned all or portion of spill to sanitary sewer system

Washed down area and Vacuum out gutter
Went back to areas that were overflowing and used 4188 to wash down area used vacuum truck to clean up areas that w
Flushed the line from 26th, west of F st going west about 50 feet. Found grease & paper, and used bleach
Jetted east 250 x 2 to Grease stoppage, also wash down area
Set up at 2020 C St. Jetted west 200 ft to stoppage in main. Also washed down area, also cleaned up seweage there.
Washed down the curb and gutter and MH. Also washed down the storm box and disinfected with bleach.
Heavy grease blockage. Clean and wash down with bleach
Washed down M/H & parking lot at 5100 Ming Ave, added bleach & washed down gutter.
Hydrojetted the line 50 ft, north. There was a lot of grease and debris, washed down to the sewer MH, the rest went to the
Jet line from White ln east of S Real Rd.
Washed down area that has manhole overflow. Also washed down inside of manhole.

11/18/2013 15:30

12/16/2007 14:30
12/16/2007 14:30

1/4/2008 19:00
1/4/2008 20:30

1/4/2008 0:00

12/28/2009 14:00

9/10/2011 5:00

Other (specify below)

Added sewer to preventive maintenance program;Adjusted schedule/method of preventive maintenance
Added sewer to preventive maintenance program;Adjusted schedule/method of preventive maintenance

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

Plan rehabilitation or replacement of sewer

Adjusted schedule/method of preventive maintenance

Other (specify below)

Hydroflushed the affcted gravity main.

Construcation of new influent manhole structure

No

No
No

No
No

No

No

No

Visual inspection satisfactory. No visible (esthetic or otherwise) was noticed.

No erosion, turbidities or fish kill
No erosion, turbidities or fish kill

No erosion, turbidities or fish kill

Yes No

No
No

No
No

No

No

No

NA
NA

N/A
N/A

N/A

N/A

NA
NA
NA
NA
NA
NA
NA
NA
NA
NA
NA

Four Island Lake

NA
NA

Turlock Irrigation District Ceres Main Canel
Turlock Irrigation District Ceres Main Canel

Turlock Irrigation District Ceres Main Canel

N/A

None
n/a

Biological indicator(s) - specify below

Not applicable to this spill
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

Not applicable to this spill

Coliform bacteria including E. Coli

Not applicable to this spill

Not applicable to this spill
Not applicable to this spill

None of the above
None of the above

None of the above

No water quality samples taken

No water quality samples taken

All concerned agenices were notified of the spill including the Local County Health Dept. No agencies requested any labo

visual observation

137120	11/18/2013 16:20
77764	12/17/2007 15:29
77764	12/17/2007 15:30
80140	1/5/2008 10:30
80143	1/5/2008 10:30
80145	1/5/2008 10:30
98602	12/28/2009 14:05
115374	9/9/2011 16:15

Brandon Stevens, Supervisor	6613263111
Casey Mattinson, Plant Operator	6618212409

5SSO10721	Active	778584	Terry Turner	Certified
5SSO10721	Active	779415	terry turner	Certified
5SSO10721	Active	786014	Terry Turner	Certified
5SSO10721	Active	789388	Terry Turner	Certified
5SSO10721	Active	800959	Terry Turner	Certified
5SSO10722	Active	704633	Gary Thompson	Certified
5SSO10722	Active	705323	Gary Thompson	Certified
5SSO10722	Active	706951	Gary Thompson	Certified
5SSO10722	Active	708775	Gary Thompson	Certified
5SSO10722	Active	710833	Bernie Schroeder	Certified
5SSO10722	Active	711458	Gary Thompson	Certified
5SSO10722	Active	711985	Gary Thompson	Certified
5SSO10722	Active	714841	Bernie Schroeder	Certified
5SSO10722	Active	721530	Gary Thompson	Certified
5SSO10722	Active	726298	Bernie Schroeder	Certified
5SSO10722	Active	728493	Bernie Schroeder	Certified
5SSO10722	Active	731098	Bernie Schroeder	Certified
5SSO10722	Active	732869	Gary Thompson	Certified
5SSO10722	Active	735686	Jonathan Connelly	Certified
5SSO10722	Active	736931	Bernie Schroeder	Certified
5SSO10722	Active	739844	Jonathan Connelly	Certified
5SSO10722	Active	740636	Jonathan Connelly	Certified
5SSO10722	Active	741417	Jonathan Connelly	Certified
5SSO10722	Active	745060	Jonathan Connelly	Certified
5SSO10722	Active	746488	Jonathan L Connelly	Certified
5SSO10722	Active	749358	Jonathan Connelly	Certified
5SSO10722	Active	749526	Bernie Schroeder	Certified
5SSO10722	Active	750192	Jonathan L Connelly	Certified
5SSO10722	Active	752212	Jonathan Connelly	Certified
5SSO10722	Active	756209	Jonathan Connelly	Certified
5SSO10722	Active	756210	Jonathan Connelly	Certified
5SSO10722	Active	757614	Bernie Schroeder	Certified
5SSO10722	Active	762475	Bernie Schroeder	Certified
5SSO10722	Active	765020	Bernie Schroeder	Certified
5SSO10722	Active	765699	Bernie Schroeder	Certified
5SSO10722	Active	772162	Bernie Schroeder	Certified
5SSO10722	Active	772827	Bernie Schroeder	Certified
5SSO10722	Active	774003	Bernie Schroeder	Certified
5SSO10722	Active	774008	Bernie Schroeder	Certified
5SSO10722	Active	778946	Bernie Schroeder	Certified
5SSO10722	Active	778948	Bernie Schroeder	Certified
5SSO10722	Active	779518	Bernie Schroeder	Certified
5SSO10722	Active	784164	Bernie Schroeder	Certified
5SSO10722	Active	786921	Bernie Schroeder	Certified
5SSO10722	Active	787927	Bernie Schroeder	Certified
5SSO10722	Active	787928	Bernie Schroeder	Certified
5SSO10722	Active	788787	Bernie	Certified
5SSO10722	Active	788793	Bernie Schroeder	Certified
5SSO10722	Active	788795	Bernie Schroeder	Certified
5SSO10722	Active	791550	Bernie Schroeder	Certified
5SSO10722	Active	796022	Bernie Schroeder	Certified
5SSO10722	Active	797522	Bernie Schroeder	Certified
5SSO10722	Active	798257	Bernie Schroeder	Certified
5SSO10722	Active	800248	Bernie Schroeder	Certified
5SSO10722	Active	800413	Bernie Schroeder	Certified

Wastewater system supervisor
supervisor
Wastewater System Supervisor
wastewater system supervisor
Wastewater System Supervisor
Lead Collection Operator
Lead Collection Operator
Lead Collection Operator
Lead Collection Operator
Director of Public Works
Lead Collection Operator
Lead Collection Operator
Director of Public Works
Lead Collection Operator
Director of Public Works
Director of Public Works
Director of Public Works
Lead Collection Operator
Collections Operator
Director of Public Works
Collections Operator
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Director of Public Works
Director of Public Works
Director of Public Works
Public Works Director
Public Works Director
Schroeder
Public Works Director
Public Works Director
Director of Public Works
Director of Public Works
Director of Public Works
Director of Public Works
Director of Public Works
Director of Public Works

City of Ceres		965376
ceres,ca.		552150
Ceres,CA.		402888
Ceres,CA.		838387
Ceres,CA.		383196
AWWTP		443582
AWWTP		177394
AWWTP		729759
AWWTP		336740
Auburn, CA		162246
AWWTP		698934
AWWTP		928668
Auburn, CA		203783
AWWTP		803416
Auburn, CA		146237
Auburn, CA		385454
Auburn, CA		725769
AWWTP @ 1004hr.		912685
	1150	164640
Auburn, CA		819948
	720	691332
AWWTP		384024
AWWTP		931268
AWWTP		934443
AWWTP		419484
AWWTP		112744
Auburn, CA		554188
AWWTP		452849
AWWTP		683188
AWWTP		314043
AWWTP		387394
Auburn, Ca.		834481
Auburn, CA		393735
Auburn, CA		933452
Auburn, CA		247594
Auburn, CA		830765
Auburn, CA		608690
Auburn, CA		283657
Auburn, CA		774913
Auburn, CA		117299
Auburn, CA		993266
Auburn, CA		141257
Auburn, CA		830634
Auburn, CA		699478
Auburn, Ca		766918
Auburn, Ca		744231
Auburn, Ca		542519
Auburn, Ca		271289
Auburn, Ca		792972
Auburn, CA		937422
Auburn, CA		557316
Auburn, CA		651160
Auburn, CA		579386
Auburn, CA		807118
Auburn, Ca		385616

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

Category 3		54	0
Category 3		10	10
Category 3		20	20
Category 3		75	75
Category 3	86	86	86
Category 1		15750	0
Category 3		50	50
Category 3		15	15
Category 3		30	0
Category 3		270	0
Category 3		200	200
Category 3		168	0
Category 3		150	150
Category 3		300	0
Category 3		150	150
Category 3		50	50
Category 3		40	40
Category 3		150	150
Category 3		30	30
Category 3		5	5
Category 3		50	0
Category 1		1125	25
Category 3		150	30
Category 3		30	0
Category 1		90	2
Category 3		10	10
Category 1		750	0
Category 3		60	20
Category 3		4	2
Category 3		10	10
Category 3		225	225
Category 3		35	35
Category 3		30	30
Category 1		6500	0
Category 3		100	20
Category 3		10	0
Category 1		3968	300
Category 3		15	10
Category 3		24	20
Category 3		10	0
Category 3		20	0
Category 3		30	0
Category 3		60	60
Category 3		10	0
Category 3		300	0
Category 3		450	0
Category 1		600	0
Category 3		900	0
Category 3		500	0
Category 2		1500	0
Category 3		50	50
Category 3		120	120
Category 3		200	0
Category 3	240	240	0
Category 1	0	300	0

0	No	No
0	No	No
0	No	Yes
0	No	No
0	No	No
15750	Yes	Yes
0	No	No
0	No	No
0	No	No
0	No	Yes
0	No	No
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
1100	Yes	Yes
0	No	No
0	No	No
88	Yes	No
0	No	No
750	Yes	Yes
0	No	Yes
0	No	No
0	No	Yes
0	No	No
0	No	No
0	No	No
6500	Yes	Yes
0	No	No
0	No	No
3068	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
600	Yes	Yes
0	No	No
0	No	No
0	No	No
0	No	Yes
0	No	Yes
0	No	No
0	No	No
300	Yes	Yes

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

2601 Casa Verde Drive
1321 Rockefeller Drive
2128 Eloise Ave.
1113 Symphony
1460 Mitchell Road Ceres,CA.
Buckeye
Belmont & Sunrise Avenue, Auburn Ca.
162 Agard St.
Landis
Falcons Point lift station
Pleasant Avenue
Falcon Point lift station
499 Landis Circle, Auburn
back yard of residence
Buena vista & Andrews
College wy
Riverview
Railhead park
Cedar
Pacific Ave
420 Finley Ave
500 Auburn Ravine Road
185 Summit ST
579 Canyon DR
340 Grass Valley HWY SSO
Sunrise ave SSO
209 Finley ST
117 Agard ST SSO
105 Valley View Dr
125 Magnolia Ave SSO
303 Dairy RD
215 Gossonia Park SSO
Agard and Orange SSO
Maidu LS force main
1273 High St SSO
840 Holly Hills
Vintage Oak Lift Station
160 Sterling Ave SSO
102 Cedar St
275 Grass Valley HWY
279 Andrews St
302 Aeolia Dr SSO
Carolyn St.
835 magnolia Ave SSO
422 Finley Ave SSO
70 Gold St SSO
Lincoln & High Ave.
460 Foresthill Ave
302 Aeolia
195 Ruby Street
1202Granite Lane SSO
156 Electric ST SSO
417 Orchard CT
170 Aeolia DR SSO
160 Wescott CT SSO

37.593889	-120.944722	Stanislaus
37.601944	-120.974444	Stanislaus
37.576389	-120.971944	Stanislaus
37.621389	-120.944444	Stanislaus
37.609722	-120.938611	Stanislaus
38.875064	121.077294	Placer
38.893158	121.067442	Placer
38.894572	121.070856	Placer
38.906033	121.069497	Placer
38.869294	-121.068478	Placer
38.893458	121.072267	Placer
38.869294	121.068478	Placer
38.90689	-121.07039	Placer
38.896167	121.063908	Placer
38.89652	-121.08347	Placer
38.89337	-121.06994	Placer
38.88422	-121.06961	Placer
38.733333	121.15	Placer
38.89629	-121.08226	Placer
38.88717	-121.07419	Placer
38.89624	-121.06703	Placer
38.90807	-121.07365	Placer
38.89922	-121.07856	Placer
38.90857	-121.05679	Placer
38.90342	-121.07579	Placer
38.89277	-121.06595	Placer
38.89669	-121.06927	Placer
38.896	-121.07168	Placer
38.88376	-121.075	Placer
38.90023	-121.06717	Placer
38.91792	-121.0724	Placer
38.89874	-121.06209	Placer
38.89528	-121.07077	Placer
38.87659	-121.08044	Placer
38.89188	-121.07462	Placer
38.91714	-121.07369	Placer
38.864374	-121.091395	Placer
38.90325	-121.07665	Placer
38.89598	-121.08203	Placer
38.90132	-121.07592	Placer
38.89602	-121.083	Placer
38.90381	-121.05862	Placer
38.88064	-121.0739	Placer
38.89978	-121.06788	Placer
38.89629	-121.06698	Placer
38.89314	-121.06626	Placer
38.89766	-121.07107	Placer
38.90795	-121.05954	Placer
38.90381	-121.05862	Placer
38.90737	-121.06676	Placer
38.91747	-121.06812	Placer
38.90923	-121.06559	Placer
38.9058	-121.05841	Placer
38.90437	-121.06231	Placer
38.89592	-121.06482	Placer

5
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Contained to street and gutter on an inside corner of street.
1st M/H east of Morgan Rd.
M/H on Eloise between Garrison Ave. and Dale Ave.
M/H on Symphony west of Cello Ct,

Behind 1428 Buckeye in a cow pature.
On to street in to a dirt parkway

Contain to back yard of 740 Landis circle.
From lift station to seasonal creek.
From ground in a planter area, near the clean out of 167 Pleasant ave apartment complex.
Lift station located near the Falcon point subdivisiion. Spill discharged with storm water to a steep ravine below the pumpi
behind back yard on Cal Trans right away near I80.
Back Yard of residence, All contained to yard area.
In rock driveway of 105 Buena Vista Ave. surrounding manhole.
Spill was located and contained at the side of 197 College Way, exit point from home cleanout, spill was contained in gı
Spill contained to driveway of 165 Riverview.
From manhole located along back fence of soccer field and open field near RR tracks.

In 7-Elevyn parking lot.

in the street
Behind Pace Auto Sales
On the street
MH in the street
Alley wy behind house

MH in back of house.
MH next to curb.

City subdivision

At 315 Carolyn St. At 1715 hours on July 22, 2012 the collection crew arrived on site and found standing water around mı

1

ing station.

ravel walkway.This is a low flow 6 sewe

anhole S-1271 located along side drivew

1
1

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

N.A.

ravine below lift station used for Storm drain discharge.

Steep ravine located below lift station. This location recieves storm water from the subdivision.

Spill appeared from a cleanout of 165 Riverview.

End of line clean out.

Clean out

Clean out
Service clean out.

Through pick hole of manhole.

Street/curb and gutter
Street/curb and gutter
Separate storm drain;Street/curb and gutter
Street/curb and gutter
Street/Curb and Gutter
Storm drain
Other paved surface
Other paved surface
Other (specify below)
Other (specify below)
Other (specify below)
Other (specify below)
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Other (specify below)
Unpaved surface
Street/curb and gutter
Street/curb and gutter
Unpaved surface
Other paved surface;Storm drain;Street/curb and gutter;Surface water
Other paved surface;Unpaved surface
Other (specify below)
Surface water
Other paved surface
Separate storm drain;Surface water
Other paved surface;Storm drain
Street/curb and gutter;Unpaved surface
Storm drain;Street/curb and gutter
Unpaved surface
Unpaved surface
Street/curb and gutter
Combined storm drain (combined CS only);Surface water;Unpaved surface
Other paved surface;Unpaved surface;Other (specify below)
Other paved surface;Unpaved surface
Street/curb and gutter;Surface water;Unpaved surface
Unpaved surface
Other paved surface;Unpaved surface
Other (specify below)
Unpaved surface
Unpaved surface
Unpaved surface
Street/curb and gutter
Unpaved surface
Unpaved surface
Separate storm drain
Unpaved surface
Unpaved surface
Building or structure;Unpaved surface
Other (specify below)
Other paved surface;Separate storm drain
Other paved surface;Unpaved surface
Unpaved surface
Drainage Channel;Separate Storm Drain;Unpaved surface

Spill entered a seasonal creek that runs through a cow pature. Eventually discharges to Auburn Ravine creek.
50 gallon spill was stooped in the dirt parkway along sunrise ave

Surround ground in backyard
Steep ravine
From ground in a planter area, near the clean out of 167 Pleasant ave apartment complex.
Steep ravine.

Containe dto drivway of 165 Riverview

Spill was washed back into the manhole.

Dirt around MH.

Grass area around manhole.

unknown portion of this spill saturted the ground around the force main. The unknown balance of this SSO reached a nea

Drive way

Storm drain basin. Full captured.

3/10/2012 17:37	3/10/2012 17:37	3/10/2012 17:37	3/10/2012 17:57
4/2/2012 10:35	4/2/2012 10:35	4/2/2012 10:35	4/2/2012 10:51
9/9/2012 12:00	9/9/2012 12:00	9/9/2012 12:05	9/9/2012 12:20
12/24/2012 16:00	12/24/2012 16:00	12/24/2012 17:00	12/24/2012 17:00
11/21/2013 8:44	11/21/2013 8:44	11/21/2013 9:00	11/21/2013 10:10
10/3/2007 18:30	10/3/2007 18:30	10/3/2007 19:30	10/3/2007 20:15
10/14/2007 11:00	10/14/2007 11:00	10/14/2007 11:30	10/14/2007 11:45
10/28/2007 17:15	10/28/2007 17:15	10/28/2007 17:45	10/28/2007 18:15
11/2/2007 11:30	11/2/2007 11:30	11/2/2007 12:00	11/2/2007 12:45
1/4/2008 12:30	1/4/2008 12:00	1/4/2008 12:15	1/4/2008 14:00
1/18/2008 10:00	1/18/2008 10:00	1/18/2008 10:20	1/18/2008 10:30
1/27/2008 22:45	1/27/2008 22:15	1/27/2008 22:45	1/27/2008 23:41
3/13/2008 8:30	3/13/2008 8:30	3/13/2008 9:15	3/13/2008 9:13
6/27/2008 9:30	6/27/2008 9:30	6/27/2008 10:15	6/27/2008 10:30
9/10/2008 17:22	9/10/2008 17:22	9/10/2008 17:50	9/10/2008 19:30
10/24/2008 8:15	10/24/2008 8:15	10/24/2008 8:20	10/24/2008 8:35
12/23/2008 21:10	12/23/2008 21:10	12/23/2008 21:50	12/23/2008 22:00
1/30/2009 9:20	1/30/2009 9:20	1/30/2009 10:15	1/30/2009 10:30
3/26/2009 8:00	3/26/2009 8:00	3/26/2009 8:20	3/26/2009 8:20
4/26/2009 9:58	4/26/2009 9:58	4/26/2009 10:50	4/26/2009 10:55
6/21/2009 19:50	6/21/2009 19:50	6/21/2009 20:10	6/21/2009 20:15
7/3/2009 7:45	7/3/2009 7:45	7/3/2009 8:00	7/3/2009 8:30
7/14/2009 18:10	7/14/2009 18:10	7/14/2009 19:00	7/14/2009 20:00
9/13/2009 19:30	9/13/2009 19:30	9/13/2009 20:05	9/13/2009 20:05
11/3/2009 11:00	11/3/2009 11:00	11/3/2009 11:15	11/3/2009 11:30
2/1/2010 11:30	2/1/2010 11:30	2/1/2010 11:40	2/1/2010 10:40
2/19/2010 7:02	2/19/2010 7:02	2/19/2010 7:12	2/19/2010 7:17
3/6/2010 13:40	3/6/2010 13:40	3/6/2010 15:00	3/6/2010 15:05
4/4/2010 11:50	4/4/2010 11:50	4/4/2010 12:45	4/4/2010 13:00
7/14/2010 0:00	7/14/2010 18:05	7/14/2010 19:16	7/14/2010 19:35
8/18/2010 0:00	8/18/2010 7:50	8/18/2010 8:05	8/18/2010 8:35
9/3/2010 0:00	9/3/2010 11:27	9/3/2010 11:40	9/3/2010 11:50
1/21/2011 0:00	1/21/2011 12:50	1/21/2011 13:15	1/21/2011 13:25
3/31/2011 0:00	3/31/2011 7:00	3/31/2011 7:15	3/31/2011 7:45
4/4/2011 0:00	4/4/2011 9:15	4/4/2011 9:25	4/4/2011 9:48
9/23/2011 10:30	9/23/2011 10:30	9/23/2011 10:45	9/23/2011 10:50
11/4/2011 0:00	11/4/2011 13:55	11/4/2011 14:00	11/4/2011 14:00
11/11/2011 14:57	11/11/2011 14:57	11/11/2011 15:45	11/11/2011 15:50
12/7/2011 8:42	12/7/2011 8:25	12/7/2011 8:42	12/7/2011 8:50
3/14/2012 13:50	3/14/2012 13:50	3/14/2012 14:05	3/14/2012 14:10
3/17/2012 14:31	3/17/2012 14:31	3/17/2012 15:15	3/17/2012 15:20
3/23/2012 11:05	3/23/2012 11:05	3/23/2012 11:30	3/23/2012 12:10
7/22/2012 16:41	7/22/2012 16:41	7/22/2012 17:15	7/22/2012 17:25
9/21/2012 10:05	9/21/2012 10:05	9/21/2012 10:20	9/21/2012 10:25
10/27/2012 17:30	10/27/2012 17:30	10/27/2012 19:15	10/27/2012 19:30
11/3/2012 17:15	11/3/2012 17:15	11/3/2012 18:15	11/3/2012 18:45
12/2/2012 0:00	12/2/2012 11:00	12/2/2012 11:00	12/2/2012 12:00
12/2/2012 12:35	12/2/2012 12:35	12/2/2012 12:40	12/2/2012 13:25
11/22/2012 16:35	11/22/2012 16:35	11/22/2012 17:15	11/22/2012 17:55
1/31/2013 0:00	1/31/2013 17:02	1/31/2013 17:10	1/31/2013 18:00
5/7/2013 8:25	5/7/2013 8:25	5/7/2013 8:35	5/7/2013 8:42
7/25/2013 6:36	7/25/2013 6:36	7/25/2013 6:49	7/25/2013 6:54
8/22/2013 12:10	8/22/2013 12:10	8/22/2013 12:16	8/22/2013 12:31
9/27/2013 9:00	9/27/2013 9:00	9/27/2013 9:35	9/27/2013 12:10
10/21/2013 5:19	10/21/2013 5:19	10/21/2013 6:06	10/21/2013 6:34

Grease deposition (FOG)
Debri-Rags
Grease deposition (FOG)
Grease deposition (FOG)
Grease Deposition (FOG)
Vandalism
Root intrusion
Vandalism
Other (specify below)
Pump station failure
Root intrusion
Pump station failure
Flow exceeded capacity (Seperate CS Only)
Grease deposition (FOG)
Root intrusion
Root intrusion
Root intrusion
Grease deposition (FOG)
Other (specify below)
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Grease deposition (FOG)
Debri-Rags
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Other (specify below)
Other (specify below)
Root intrusion
Pipe structural problem/failure
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Pipe structural problem/failure
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Rainfall exceeded design (Separate CS Only)
Rainfall exceeded design (Separate CS Only)
Root intrusion
Other (specify below)
Root intrusion
Other (specify below)
Root intrusion
Pipe Structural Problem/Failure
Root Intrusion

grease and paper in low flow line

Large root ball in 6 vcp pipe
PG&E power outage

PG&E power outage due to storm conditions.

Unknown, CCTV inspection found no cause.

PCWA water main break
A screw driver lodged from a service connection built up with rags.

Roots, mortor, broken VCP pipe.

Contruction repair upstream.

Main
Main
Main
Upper Lateral
Gravity Mainline

Other (specify below)

Main
Main
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Main
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Other (specify below)
Main
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Other (specify below)
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Main
Main
Main
Main
Gravity Mainline
Manhole

Lift station

Force main

Lift Station Force Main

8
6 vcp
No 6
8

8 VCP
6 VCP

8 VCP
4 VCP

6
6

6 VCP
6

6 C900

6 VCP

No
No

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
Contained all or portion of spill;Inspected sewer using CCTV to determine cause;Restored flow;Returned all or portion of
Returned all or portion of spill to sanitary sewer system
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
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);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);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
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
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);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
Other (specify below)
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);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;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;Restored flow;Property Owner Notified

This is a 4 line, at time of arrival, the manhole was not over flowing. After restoring flow, a vactor unit removed all of spil

Used pumpong truck to stop and maintain lift station until power was restored

PG&E restored power

Turned off pumps at lift station. Maintained lift station with hydrovac and septic trucks. Repaired water main and force ma

Ultilized Vacuum system to stop overflow until I&I from rain fall decreased.

10/4/2007 7:00

1/4/2008 18:00

1/28/2008 7:30

7/3/2009 9:30

11/3/2009 2:00

2/19/2010 7:17

3/31/2011 0:00

11/5/2011 15:00

12/2/2012 12:00

2/1/2013 12:00

10/22/2013 8:50

Other (specify below)

Other (specify below)

Other (specify below)

Adjusted schedule/method of preventive maintenance

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

Repaired sewer

Other (specify below)

Repaired sewer

Plan rehabilitation or replacement of sewer

Plan rehabilitation or replacement of sewer

Plan rehabilitation or replacement of sewer

Removed rock debris from line and manhole

This station is scheduled for replacement with back up generator.

A new lift station with back up generator is currently in progresss.

Chemical root prevention

Water and force main repaired.

Yes

No

No

No

No

No

No

No

Yes

No

Yes CCTV

No debris visable, High volume of rain water due to storm.

Obsevered for any product that may have been left behind at spill site, none was observed.

No visual effects were seen, due to ground surrounding force main had captured heavy debris and filtered the wastewater

No

No

No

No

No

No

No

No

No

No

No

No

NA

N/A

NA

N/A

NA

n/a

N.A.
None
NONE
none were impacted

Auburn Ravine Creek

N/A

NA

Auburn Ravine

Auburn Ravine Creek

Auburn Ravine Creek

Baltimore Ravine Creek

None
Vintage Oak seasonal creek
N/A

None

None

Auburn Ravinre Creek
N/A
N/A
N/A
N/A
N/A
None

Other chemical indicator(s) - specify below

No water quality samples taken

No water quality samples taken

No water quality samples taken

Other (specify below)

Dissolved oxygen;Other (specify below)

Dissolved oxygen

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

Dissolved oxygen

Not applicable to this spill

Dissolved oxygen;Biological indicator(s) - specify below

Ammonia,PH,EC,CL2, Total Coliform,Temp., and NTU

Due to multipule station because of power outage, it was to late for quality samples to be taken. All was washed away in h

PH, Temp, EC, Total Coliform, Ammonia and Turbidity.

Chlorine, DO's, NTU, PH, Fecal and total colifrom, EC, ammonia.

PH, Temp, Ammonia, Coliform.

Dissolved Oxgen, Total Coliform, EC, PH, H2O temp, Ammonia,, NTU.

Total Coliform, PH, DO, NTU, EC, Ammonia, and Chlorine.

PH, EC, Total Coliform, Ammmonia

Regional Water Quality Control Board

None of the above

None of the above

No water quality samples taken

County Health Agency;Regional Water Quality Control Board

Regional Water Quality Control Board

None of the above

None of the above

Regional Water Quality Control Board

Not applicable to this spill

Regional Water Quality Control Board

Results are held in Auburn WWTP lab.

C.S.C.benchmarking group,table A.estimated S.S.O flow out of m/h with cover in place chart.

By utilizing the SNMP spill volume chart.

76035	10/4/2007 9:00
76614	10/29/2007 10:00
80108	1/4/2008 22:00
80814	1/28/2008 7:45
82019	3/13/2008 10:30
92532	3/26/2009 9:35
93250	4/26/2009 10:50
94514	6/21/2009 21:55
94783	7/3/2009 9:00
95009	7/14/2009 21:30
96283	9/13/2009 21:11
97386	11/3/2009 0:00
100855	
101278	2/19/2010 8:47
101611	3/6/2010 15:25
102172	4/4/2010 13:40
104253	7/14/2010 20:05
104945	8/18/2010 9:17
105300	9/3/2010 12:20
110415	1/21/2011 14:02
112080	3/31/2011 8:44
112186	4/4/2011 11:08
115668	9/23/2011 11:30
116595	11/4/2011 15:30
116726	
117239	
121490	3/14/2012 14:50
121588	3/17/2012 16:30
121722	3/23/2012 13:20
124261	7/22/2012 18:30
125698	9/21/2012 11:34
126503	
126660	
127310	12/2/2012 12:10
127321	12/2/2012 13:35
1270764	11/22/2012 18:25
120673	1/31/2013 18:19
132735	5/7/2013 9:35
144563	
125214	
136696	

Wastewater System Supervisor,Terry Turner	2095383269

Jonathan Connelly	5308890624
Jonathan Connelly	5308890624

5SSO10724	Active	656951	Humberto M. Molina	Certified
5SSO10724	Active	707146	Humberto M. Molina	Certified
5SSO10724	Active	707777	Humberto M. Molina	Certified
5SSO10724	Active	708947	Humberto M. Molina	Certified
5SSO10724	Active	712670	Humberto M. Molina	Certified
5SSO10724	Active	712671	Humberto M. Molina	Certified
5SSO10724	Active	713192	Humberto M Molina	Certified
5SSO10724	Active	713194	Humberto M. Molina	Certified
5SSO10724	Active	716660	Humberto M. Molina	Certified
5SSO10724	Active	727772	Humberto M. Molina	Certified
5SSO10724	Active	730156	Humberto M. Molina	Certified
5SSO10724	Active	759012	Bill Osmer	Certified
5SSO10724	Active	759138	Bill Osmer	Certified
5SSO10724	Active	767988	Bill Osmer	Certified
5SSO10724	Active	772611	Bill Osmer	Certified
5SSO10724	Active	776569	Bill Osmer	Certified
5SSO10724	Active	782675	Bill Osmer	Certified
5SSO10724	Active	785616	Bill Osmer	Certified
5SSO10724	Active	792756	Bill Osmer	Certified
5SSO10724	Active	794272	Bill Osmer	Certified
5SSO10725	Active	712182	Doug Mutoza	Certified
5SSO10725	Active	712503	Ernie Garza	Certified
5SSO10725	Active	731013	Doug Mutoza	Certified
5SSO10725	Active	765949	Doug Mutoza	Certified
5SSO10725	Active	789670	Perfecto Millan	Certified
5SSO10726	Active	799399		Work In Progress
5SSO10728	Active	717502	James K Ross	Certified
5SSO10728	Active	736294	James Ross	Certified
5SSO10728	Active	746586	James Ross	Certified
5SSO10728	Active	746617	James Ross	Certified
5SSO10728	Active	747226	James Ross	Certified
5SSO10728	Active	749882	James Ross	Certified
5SSO10728	Active	750546	James Ross	Certified
5SSO10728	Active	752537	James Ross	Certified
5SSO10728	Active	755945	James Ross	Certified
5SSO10728	Active	763035	James Ross	Certified
5SSO10728	Active	776337	James Ross	Certified
5SSO10729	Active	740997		Work In Progress
5SSO10730	Active	707553	Robert Ellery	Certified
5SSO10730	Active	708414	Robert Ellery	Certified
5SSO10730	Active	709305	r. ellery	Certified
5SSO10730	Active	718123	Robert Ellery	Certified
5SSO10730	Active	734553	r. ellery	Certified
5SSO10730	Active	737243	Robert Ellery	Certified
5SSO10730	Active	744298	Robert Ellery	Certified
5SSO10730	Active	757632	Robert Ellery	Certified
5SSO10730	Active	764481	r. ellery	Certified
5SSO10730	Active	765141	r. ellery	Certified
5SSO10730	Active	775420	r. ellery	Certified
5SSO10730	Active	782218	r. ellery	Certified
5SSO10730	Active	782219	r. ellery	Certified
5SSO10730	Active	793057	r. ellery	Certified
5SSO10733	Active	710564	Tim Ruiz	Certified
5SSO10733	Active	736472	Timothy P. Ruiz	Certified
5SSO10733	Active	764079	Timothy Ruiz	Certified

Public Works Manager - WQC
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Public Works Manager - WQC
Public Works Manager - WQC
Public Works Manager - WQC
Public Works Manager, WQC
Interim PWM-WWTF
Interim PWM-WWTF
PWM-WQC
Public Works Manager - WQC
PWM-WQC
PWM-WQC
PWM-WQC
PWM-WQC
PWM-WQC
Supervisor Public Works
Director of Public Works
Superintendent Public Works
Superintendent Public Works
Superintendent of Public Works

Public Works Manager
Public Works Manager
Public Works Manager
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Public Works Manager

Waste Mnge Spec III
Waste Mngt. Spec. III
wms3
Waste Mngt Spec III
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Waste Mngt Spec III
WMS 3
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General Manager
General Manager
General Manager

Merced, Ca		968511
Merced, Ca.		282350
Merced, CA		968426
Merced, CA		376286
Merced, Ca		409251
Merced, Ca.		170945
Merced, Ca		495676
Merced, CA		464672
Merced, CA		573828
Merced, CA		354106
Merced, Ca		327974
11:18 a.m.		396837
2:45pm		307497
1:20pm		500982
11:46 a.m.		689373
	945	153107
	1517	835859
	1418	340800
WWTF Merced		175724
WWTF Merced		361846
Newman, Ca		400379
1125 Fresno Street Newman, CA 95360		980241
10:ll a.m.		102917
Newman, Ca. 95360		811649
Newman,Ca		924293
Visalia, CA		306435
Visalia, CA		728600
Visalia Ca.		282160
Visalia Ca.		522584
Visalia Ca.		360048
Visalia Ca.		876835
Visalia Ca.		694439
Visalia Ca.		611530
Visalia Ca.		267267
Visalia Ca.		200023
Visalia, CA		776286
KSA		540173
KSA		225534
kern co.		909002
Kern Co.		127464
kern co.		165497
Kern Co.		517825
Kern Co		879106
Kern Co.		737796
kern co.		356744
Kern Co.		978534
Kern Co		638184
kern co		490556
kern co		154235
Kern co.		375816
	19:40	529030
	838	834943
	10:35 AM	359740

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

Category 3		115	115
Category 2		1375	1375
Category 3		300	300
Category 3		125	125
Category 3		320	320
Category 2		7280	7280
Category 3		400	400
Category 3		5	5
Category 3		350	350
Category 3		800	800
Category 3		225	225
Category 3		35	35
Category 3		50	50
Category 2		2000	2000
Category 3		15	15
Category 3		100	0
Category 2		3000	3000
Category 2		3000	3000
Category 3		216	216
Category 3		175	175
Category 3		10	0
Category 3		15	0
Category 3		85	85
Category 3		10	10
Category 1		10	5
Category 2	5000	5000	5000
Category 2		570000	560000
Category 1		200	175
Category 3		100	100
Category 3		80	80
Category 3		270	250
Category 3		30	0
Category 3		15	0
Category 3		25	0
Category 3		125	0
Category 3		423	0
Category 3		400	0
Category 2		7000	0
Category 3		150	
Category 3		550	
Category 3		800	0
Category 2		7000	0
Category 3		600	0
Category 3		50	0
Category 3		350	0
Category 3		225	0
Category 3		20	0
Category 3		20	0
Category 3		93	10
Category 3		100	0
Category 3		600	500
Category 3		150	130
Category 3		300	240
Category 3		290	0
Category 2		2400	0

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

Manhole No. 1182
1975 E. Childs Avenue
Merced Municipal / Macready Field Airport
P Street Alley
3389 San Mateo Court
Black Rascal Bike Path at the R Street Underpass
3197 Kernland Avenue
1 Malibu Court
1228 Cathedral Creek Ct.
Manhole #2037, Loughborough Drive
Merced County Jail Parking Lot
Intersection Julie and June Court
3959 Notredame
Gerard Ave Sewer Repair Project
1888 Orchard Lane, Merced, CA 95340
3435 M St. (Buena Vista and M St.)
WWTF upstream splitter box
WWTF upstream spliiter box
G Street At Brookdale Drive
945 Buena Vista Drive
Driskell Avenue & Amy Drive
Driskell Avenue & Amy Drive
City of Newman
1906 S. St. Newman, Ca. 95360
Alley between Q and R Street, next to Stanislaus Street
470 Mannel Avenue
American Rd. Ponding Basin
Manzanita
St. Johns Parkway @ Edison
Kaweha Delta Hospital
Fairwat St.
Court and Loucust
Sunnyside at Mooney Blvd.
704 Stevenson
School st.
4817 W. Myrtel
Meadow ln. At Mooney Blvd.
City of Woodlake WasteWater Treatment Plant
401 Van Buren
Manhole 5156 north of Grevillea
200 feet south of manhole 5135
511 Monroe
505 Fillmore
603 1/2 Harrison
405 Harrison Street
577 N. 10th St., Taft, CA
MH6019 Adams Street
416 Monroe, FCTH
Jackson cross Elm
511 Pierce st.
724 Buchanan St.
10th street and ash
Sterling and Oregon
Sterling and Eucalyptus
1000 block of Normandy

37.320278	120.453056	Merced
37.287861	120.452492	Merced
37.283781	120.517522	Merced
37.2978	120.492633	Merced
37.326239	120.485939	Merced
37.324931	120.486669	Merced
37.321253	120.456167	Merced
37.286836	120.522761	Merced
37.326106	120.454928	Merced
37.323389	120.486953	Merced
37.307464	120.483661	Merced
37.31705	-120.48879	Merced
37.33783	-120.47955	Merced
37.28088	-120.50551	Merced
37.2976	-120.4672	Merced
37.3286	-120.47878	Merced
37.25578	-120.52521	Merced
37.2567	-120.52534	Merced
37.32168	-120.46937	Merced
37.32639	-120.48331	Merced
37.318056	-121.018056	Stanislaus
37.316693	121.016693	Stanislaus
37.373056	121.255556	Stanislaus
37.310833	-121.0275	Stanislaus
37.31146	-121.02498	Stanislaus
35.50695	-119.268976	Kern
36.335732	-119.406495	Tulare
36	-119	Tulare
36.3567	-119.2892	Tulare
36.32739143	-119.295221	Tulare
36.30239868	-119.3110085	Tulare
36.33234408	-119.292984	Tulare
36.3032979	-119.3139267	Tulare
36.33559381	-119.2998719	Tulare
36.33272437	-119.2929411	Tulare
36.32470321	-119.3444824	Tulare
36.322041	-119.313111	Tulare
36.399722	-119.106667	Tulare
35.15765	119.4552	Kern
35.163003	119.450094	Kern
35.151817	-119.464572	Kern
35.158569	119.369567	Kern
35.157986	-119.461747	Kern
35.159889	-119.456789	Kern
35.157375	-119.455417	Kern
35.145969	-119.466458	Kern
35.156069	-119.449258	Kern
35.157439	-119.452397	Kern
35.157617	-119.454342	Kern
35.158428	-119.463217	Kern
35.162547	-119.463419	Kern
35.151667	-119.465278	Kern
35.376944	118.940833	Kern
35.365067	-118.940906	Kern
35.375278	-118.939722	Kern

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Street Manhole

The corner of the field, southwest from the runway.
In an alley on P Street, between 11th and 12th Street.
Manhole #1346. Manhole located on San Mateo Court.
Manhole #1885
Manhole #1216
Manhole #2759
Manhole Number 2974
Manhole Number 2037
Spill from a manhole in the Merced County Jail Parking Lot
The spill was located on the intersection of two courts, Julie and June. Sanitary sewer was flowing out of the manhole loc
Manhole #4M022 located on Notredame Ave., paved street with curb and gutter
Private land owned by the city which is currently maintained as pasture, restricted public use
residential street

Collections system splitter box upstream of Wastewater Treatment Faciltiy.
Concrete splitter box north of WWTF. Receives all flow from town. Currently under construction with phase IV and V exp
East side intersection of G Street and Brookdale Drive

Drop inlet at the southwest corner of Amy Drive and Driskell Avenue
spill went into a storm drain inlet at the southwest corner of Amy Drive and Driskell Avenue

manhole in middle of S. St.
Sewer manhole between Q and R Street, next to Stanislaus Street. Spilled due to a stoppage in the 6 inch sewer main. Th
Basement at 470 Mannel Avenue.

North side of street in sidewalk area.

The s/w effluent disposal pond developed a leak at the west end of the levee bank

Manhole south of intersection.

Single family home

:ated in the middle of the street connecti

ɔansion.

ıe spill ran down east on Stanislaus Stre

Manhole
Manhole
Force main or pressure sewer
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Gravity sewer
Manhole
Gravity sewer
Manhole
Manhole
Building or structure
Building or structure
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Gravity Mainline
Other (specify)
Manhole
Manhole
Manhole
Gravity sewer;Manhole
Gravity sewer;Manhole
Gravity sewer
Gravity sewer;Manhole
Manhole
Manhole
Manhole
Other (specify)
Manhole
Manhole
Other (specify)
Manhole
Other (specify)
Building or structure
Building or structure
Manhole
Manhole
Building or structure
Manhole
Manhole
Other (specify)
Manhole
Manhole
Manhole
Gravity sewer

Manhole #394
Broken 10 inch ductile sewer pipe. Pressurized line from Sewage Lift Station #6 (New Airport Lift Station). The pumps at
Manhole #1420
Manhole #1346
Manhole #1885
Manhole #1216
Manhole #2759
Manhole Number 2974

Sanitary sewer was flowing out of manhole in the middle of the court intersection,

manhole #8M184

Cement splitter box
A metal plate, that was installed by contractors, sealed a port at the base of the splitter box structure. The seal on the pla

Storm Ponding Basin

effluent disposal pond

private cleanout

private lateral cleanout

cleanout on private property

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

Stormdrain catch basin
Construction excavation hole.

Approximately 5 gallons of the spill went into a bubble up and was contained in the basin. All 3
Spill was cleaned out of gutter and roadway using vac truck to contain the spill and clean up water.
pasture land located on the outter limits of the city

Earthen pit around cement splitter box structure
Spill was contained in the excavation hole of the structure and trash pumps were used to pump the spill back into the stru

Storm Ponding Basin

9/6/2007 8:20	9/6/2007 8:20	9/6/2007 8:27	9/6/2007 8:45
11/4/2007 13:00	11/4/2007 13:00	11/4/2007 13:15	11/4/2007 14:25
11/15/2007 11:00	11/15/2007 11:15	11/15/2007 11:20	11/15/2007 11:05
12/10/2007 1:30	12/10/2007 1:30	12/10/2007 1:40	12/10/2007 2:10
2/9/2008 11:30	2/9/2008 11:30	2/9/2008 11:50	2/9/2008 12:50
2/9/2008 11:30	2/9/2008 11:30	2/9/2008 11:50	2/9/2008 12:50
2/18/2008 10:25	2/18/2008 10:25	2/18/2008 10:40	2/18/2008 11:45
2/18/2008 10:25	2/18/2008 10:25	2/18/2008 11:00	2/18/2008 10:28
4/26/2008 9:41	4/26/2008 9:41	4/26/2008 9:55	4/26/2008 9:55
10/12/2008 13:00	10/12/2008 14:15	10/12/2008 14:20	10/12/2008 15:00
12/2/2008 14:00	12/2/2008 14:00	12/2/2008 14:30	12/2/2008 14:45
11/26/2010 0:00	11/26/2010 8:25	11/26/2010 8:25	11/26/2010 10:35
11/1/2009 8:00	11/1/2009 8:30	11/1/2009 9:00	11/1/2009 9:15
6/27/2011 0:00	6/27/2011 1:53	6/27/2011 2:05	6/27/2011 2:00
10/20/2011 11:30	10/20/2011 11:30	10/20/2011 11:55	10/20/2011 12:30
1/25/2012 14:40	1/25/2012 14:45	1/25/2012 14:55	1/25/2012 15:00
6/29/2012 0:00	6/29/2012 5:22	6/29/2012 5:22	6/29/2012 5:39
8/27/2012 0:00	8/27/2012 15:04	8/27/2012 13:06	8/27/2012 15:00
2/28/2013 10:00	2/28/2013 12:10	2/28/2013 12:10	2/28/2013 12:25
4/25/2013 13:30	4/25/2013 13:39	4/25/2013 14:00	4/25/2013 14:05
1/14/2008 1:30	1/14/2008 2:00	1/14/2008 2:10	1/14/2008 2:15
1/14/2008 13:30	1/14/2008 14:00	1/14/2008 14:10	1/14/2008 14:30
10/16/2008 8:30	10/16/2008 8:30	10/16/2008 8:45	10/16/2008 9:00
4/29/2011 0:00	4/29/2011 9:20	4/29/2011 9:20	4/29/2011 9:45
1/4/2013 0:00	1/4/2013 11:15	1/4/2013 11:20	1/4/2013 11:30
12/21/2012 12:00			
5/10/2008 0:00	5/13/2008 9:30	5/13/2008 9:45	5/13/2008 10:00
4/11/2009 10:35	4/11/2009 14:50	4/11/2009 15:30	4/11/2009 16:00
11/3/2009 11:30	11/3/2009 11:45	11/3/2009 12:00	11/3/2009 12:10
11/5/2009 10:45	11/5/2009 10:50	11/5/2009 10:55	11/5/2009 11:05
11/30/2009 9:30	11/30/2009 10:15	11/30/2009 10:25	11/30/2009 10:35
2/25/2010 7:00	2/25/2010 7:00	2/25/2010 7:10	2/25/2010 7:20
3/12/2010 11:00	3/12/2010 11:05	3/12/2010 11:15	3/12/2010 11:30
5/18/2010 13:25	5/18/2010 13:35	5/18/2010 13:45	5/18/2010 13:55
8/10/2010 0:00	8/10/2010 10:45	8/10/2010 11:00	8/10/2010 11:30
2/13/2011 0:00	2/13/2011 12:15	2/13/2011 12:25	2/13/2011 12:35
1/23/2012 13:35	1/23/2012 13:35	1/23/2012 13:45	1/23/2012 13:55
7/9/2009 7:09	7/9/2009 7:30	7/9/2009 7:45	7/9/2009 8:30
10/31/2007 15:00	10/31/2007 15:45	10/31/2007 16:15	10/31/2007 17:00
11/7/2007 17:00	11/7/2007 19:00	11/7/2007 20:45	11/7/2007 22:15
12/6/2007 9:00	12/6/2007 12:40	12/6/2007 13:00	12/6/2007 13:30
5/21/2008 6:00	5/21/2008 9:30	5/21/2008 10:00	5/21/2008 10:45
3/2/2009 15:40	3/2/2009 16:55	3/2/2009 17:20	3/2/2009 17:40
5/6/2009 15:00	5/6/2009 17:22	5/6/2009 18:55	5/6/2009 19:00
8/22/2009 17:00	8/22/2009 18:30	8/22/2009 18:45	8/22/2009 19:40
10/9/2010 0:00	10/9/2010 8:15	10/9/2010 8:45	10/9/2010 9:30
3/11/2011 0:00	3/11/2011 12:40	3/11/2011 13:15	3/11/2011 13:45
3/30/2011 0:00	3/30/2011 13:15	3/30/2011 13:25	3/30/2011 13:45
12/30/2011 11:00	12/30/2011 11:30	12/30/2011 13:00	12/30/2011 14:05
6/10/2012 9:30	6/10/2012 10:00	6/10/2012 10:15	6/10/2012 10:25
6/10/2012 17:00	6/10/2012 19:05	6/10/2012 19:45	6/10/2012 20:45
3/24/2013 21:00	3/24/2013 22:30	3/24/2013 22:45	3/24/2013 23:30
12/31/2007 11:10	12/31/2007 11:15	12/31/2007 11:17	12/31/2007 12:00
4/13/2009 21:10	4/13/2009 21:15	4/13/2009 21:30	4/13/2009 23:00
3/5/2011 0:00	3/5/2011 15:30	3/5/2011 15:45	3/5/2011 17:30

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

An excavator, used by Rolf Construction Co. to dig a trench for an M.I.D. irrigation line, broke a 10 foot section of 10 inch

Mortar type substance caused blockage

Plastic bags (large and small). Plastic materials and socks from the county jail.

Found mortar blocking the sewer pipe
The Gerard sewer line is being replaced by contractor, while sewer water was being pumped from one manhole to anothe

Contractor was attempting to plug the influent structure to take measurements for a parshall flume installation. As the col
A metal plate that sealed a port at the base of the structure began leaking once construction crews began pumping out gr

Excessive volume of non-biodegradable toilet paper released from a private plug within the school grounds which then pl

Sewer main blockage
Plugged sewer main

roident damage

Locking Manhole opened, sticks and branches thrown into manhole.

May be caused by vandalism, with other debris and grease discharged into sewer.

ductile sewer pipe.

Main

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

Main
Main
Main
Gravity Mainline

Main

Main
Main

Main

Main
Main
Main

Upper Lateral

Upper Lateral

Main
Main
Main
Main
Main
Main
Main

Main
Main

Failure occurred at the splitter structure lower plate.
Influent splitter box north of the WWTF.

6 Clay
6 Clay
36 corrigated pipe

10 Clay
8 VCP
6 vcp
6
6 Clay
6
6 VCP

No

8 Clay

12 VCP
8 VCP

40

45
45

50

30

45
50

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

CCTV inspection revealed root intrusion. City cut roots in the sewer line.

When the operator arrived, the wastewater in the excavation hole was stagnant. Vacummed sewage from the constructic

The spill had ended and flow was restored before the operator arrived on the scene.
Set up barricades. Power washed spill area. Disinfected spill area with bleach solution. Spill cleanup activities complete
Actions planned to prevent reoccurence: Re-flush line TV Line
Flushing the sewer downstream of the SSO. Checking the manhole daily
Area was contained and disinfected with bleach and washed down. All wash water and bleach contained into Vac truch a

power washed and disinfected area of spill
City to investigate educational opportunities in this area.
Spill was contained by previous excavation around the structure. Sump pumps were used to pump the wastewater back i
Overra construction plugged the leaking plate with concrete and pumped the contained spill back into the splitter box.
Applied Root-X to sewer main to alleviate root intrusion
Counselled school district to discontinue use of non-biodegradable toilet paper, and to start using biodegradable toilet pap

Repair by compacting the levee soil

11/4/2007 14:25

2/9/2008 16:30

6/28/2011 12:00

6/29/2012 0:00
8/27/2012 15:30

1/14/2008 3:00
1/14/2008 15:00

1/4/2013 12:30

5/22/2008 2:30
4/11/2009 17:30

11/30/2009 11:30

7/9/2009 9:05

5/21/2008 10:45

4/13/2009 23:00
3/5/2011 18:30

Other (specify below)

Adjusted schedule/method of preventive maintenance

Other (specify below)

Other (specify below)
Other (specify below)

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

Adjusted schedule/method of preventive maintenance

Other (specify below)

Adjusted schedule/method of preventive maintenance

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

Manhole is on high preventative maintenance list.

repaired broken pipe

Sewer Plug was taken out to lower the splitter box level and remove the head pressure causing the plate to leak.
Repaired leaking plate from splitter box structure.

Cleaned the line with the Hydro jetter.
Pumped back into City sewer collection systems.
Repair Pump Station Failures

Added class II base rock to support the levee bank by compaction methods

No

No

No

No
No

No
No

No
No
Yes
No

No

Yes

No

No
No

N/A

no receiving waters were impacted
None

No

No

No

No
No

No
No

No

No
No

No

No

No

No
No

NA

NA

N/A

none
None

NA

n/a

N/A
N/A

N/A

NA

NA

NA
N/A

NA

NA

None
None
none
N/A
None
none
None
N/A
N/A
NONE
NA

None
n/a

N/A
N/A

N/A

N/A
None
NA

NA

None
None
None
None
None
none
None

NA
N/A

No water quality samples taken

No water quality samples taken

Not applicable to this spill

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

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
No water quality samples taken

N/A

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
No water quality samples taken

None of the above

None of the above

No water quality samples taken

None of the above
None of the above

N/A

Rough dimensions of basement.

81209	2/9/2008 14:51
81209	2/9/2008 14:51

113886	6/28/2011 14:50

120530	1/25/2012 15:00
123793	6/29/2012 9:00
125107	8/27/2012 15:04

83655	5/21/2008 12:55
91801	3/2/2009 0:00

111372	3/7/2011 10:30

Michael James, Public Works Director 6617465002

5SSO10733	Active	765964	Anthony Johnson	Certified
5SSO10733	Active	766893	Anthony Johnson	Certified
5SSO10733	Active	768140	Anthony Johnson	Certified
5SSO10733	Active	775814	Anthony Johnson	Certified
5SSO10735	Active	757644	Don L Neubacher	Certified
5SSO10735	Active	757651	Don L Neubacher	Certified
5SSO10735	Active	757664	Don L Neubacher	Certified
5SSO10735	Active	757772	Don L Neubacher	Certified
5SSO10735	Active	757773	Don L Neubacher	Certified
5SSO10735	Active	758193	Don L Neubacher	Certified
5SSO10735	Active	758197	Don L Neubacher	Certified
5SSO10735	Active	759951	Don L Neubacher	Certified
5SSO10735	Active	770877	Don L. Neubacher	Certified
5SSO10735	Active	773755	Don L. Neubacher	Certified
5SSO10735	Active	787193	Don L. Neubacher	Certified
5SSO10735	Active	787283	Don L. Neubacher	Certified
5SSO10735	Active	787620	Don L. Neubacher	Certified
5SSO10735	Active	789574	Don L. Neubacher	Certified
5SSO10735	Active	789709	Don L. Neubacher	Certified
5SSO10735	Active	793091	Don L. Neubacher	Certified
5SSO10735	Active	799495	Don L. Neubacher	Certified
5SSO10737	Active	709344	R. ellery	Certified
5SSO10737	Active	710911	rellery	Certified
5SSO10737	Active	713151	Robert Ellery	Certified
5SSO10737	Active	720398	Robert Ellery	Certified
5SSO10737	Active	725350	Robert Ellery	Certified
5SSO10737	Active	732672	Robert Ellery	Certified
5SSO10737	Active	734029	r. ellery	Certified
5SSO10737	Active	735643	r. ellery	Certified
5SSO10737	Active	748374	r. ellery	Certified
5SSO10737	Active	749810	Robert Ellery	Certified
5SSO10737	Active	756215	R. Ellery	Certified
5SSO10737	Active	757162	robert ellery	Certified
5SSO10737	Active	757390	Robert Ellery	Certified
5SSO10737	Active	761983	r. ellery	Certified
5SSO10737	Active	761987	Robert Ellery	Certified
5SSO10737	Active	780466	r. ellery	Certified
5SSO10737	Active	781710	r. ellery	Certified
5SSO10737	Active	789524	R. Ellery	Certified
5SSO10737	Active	791020	R. ellery	Certified
5SSO10737	Active	795256	R. Ellery	Certified
5SSO10738	Active	739590	Robert Gorson	Certified
5SSO10738	Active	746354	Richard St.Claire	Certified
5SSO10738	Active	787795	Robert Gorson	Certified
5SSO10744	Active	717058	Mark L. Rowney	Certified
5SSO10744	Active	724575	Mark Rowney	Certified
5SSO10744	Active	724576	Mark Rowney	Certified
5SSO10744	Active	748781	Mark Rowney	Certified
5SSO10744	Active	749804	Mark Rowney	Certified
5SSO10744	Active	767215	Mark Rowney	Certified
5SSO10744	Active	776275	mrowney	Certified
5SSO10750	Active	747282		Ready To Certify
5SSO10750	Active	776752	Chad Vancil	Certified
5SSO10750	Active	788683	chad vancil	Certified
5SSO10750	Active	800648	chad vancil	Certified

Superintendent
Superintendent
Superintendent
Superintendent
Superintendant
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Superintendent
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Superintendent
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Superintendent
Superintendent
Superintendent
WMS3
wms3
Waste Mngt Specialist
Waste Mngt Spec
Waste Mngt. Spec.
Waste Mngt. Specialist
wms3
WMS3
wms3
Waste Mngt Specialist III
Waste Mngt. Spec.
waste mngt spec
WMS 3
wms3
WMS3
wms
wms3
WMS3
WMS3
wms3
General Manager
General Manger
General Manager
General Manager
General Manager
General Manager
General Manager
General Manager
General MAnager
general manager

Collection Supervisor
Collection Supervisor
collection supervisor

	2:50 PM	595717
10;00		984140
	1:43	472954
	9:55	543084
	753	970211
	752	867115
	747	652294
	1135	689344
	749	983075
	804	785106
	801	115614
Yosemite National Park		524783
	1000	540955
	1105	127058
Yosemite National Park		173135
Yosemite National Park		594086
Yosemite National Park		298897
Yosemite National Park		367607
Yosemite National Park		138831
Yosemite National Park		713075
Yosemite National Park		661186
Kern Co.		267678
kern co.		491661
KSA		352700
KSA		629315
Kern Co		170194
Kern County		949888
kern co		614016
Kern co.		197533
kern co.		999587
Kern		173642
	8/20/2010	109543
Kern Co.		206471
Kern Co.		987821
kern co		993028
Kern County		843811
kern co		153063
kern co		185347
Kern Co.		360951
Kern Co.		486170
kern co		289106
Lamont, CA		365084
	12:00 PM	733454
Lamont, CA		851350
Mariposa		200721
Mariposa		150628
Mariposa		460213
Mariposa		881000
Mariposa		821751
Mariposa		859389
MPUD WWTP		462033
District Office		433790
Office		163286
office		646587

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

Category 1		600	0
Category 3		300	0
Category 3		100	0
Category 3		675	675
Category 3		50	0
Category 3		20	0
Category 3		200	0
Category 3		500	0
Category 3		500	0
Category 3		75	0
Category 3		30	0
Category 3		75	71
Category 3		5	5
Category 3		20	5
Category 3		20	20
Category 3		10	10
Category 3		40	40
Category 3		30	0
Category 3		50	50
Category 3		3	3
Category 3	20	20	0
Category 3		140	0
Category 3		50	0
Category 3		100	
Category 3		150	0
Category 3		50	0
Category 3		100	0
Category 3		25	0
Category 1		900	0
Category 1		350	0
Category 1		350	0
Category 1		1500	0
Category 3		50	25
Category 2		1500	0
Category 3		75	0
Category 1		3000	1200
Category 1		1200	400
Category 3		50	0
Category 3		5	0
Category 3		100	0
Category 3		50	45
Category 1		1200	0
Category 3		700	700
Category 3		600	0
Category 3		50	0
Category 3		50	0
Category 3		50	0
Category 1		5000	0
Category 1		4000	0
Category 1		200	0
Category 1		500	0
Category 3		450	50
Category 3		540	540
Category 3		100	0
Category 3	600	600	500

600	No	Yes
0	No	Yes
0	No	Yes
0	No	Yes
0	No	No
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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
	No	No
0	No	No
0	No	No
0	No	No
0	No	No
900	Yes	Yes
350	Yes	Yes
350	Yes	Yes
1500	Yes	Yes
0	No	No
0	No	Yes
0	No	No
1800	Yes	Yes
800	Yes	Yes
0	No	No
0	No	No
0	No	No
0	No	No
1200	No	No
0	No	No
0	No	No
0	No	No
0	No	No
0	No	No
5000	Yes	Yes
4000	Yes	Yes
150	Yes	No
500	Yes	No
0	No	Yes
0	No	No
0	No	No
0	No	No

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

8300 Kern Canyon Road
Azalea Ave.
Poinsetta & Virginia
intersection of Camellia st. & Petuna st.
EPU Foresta Road By Clark Comunity Hall
EPU Abbieville Lift Station Abbieville Road
EPU Between EP Fiscal Office (bldg #5508) and Building # 5014
EPU 9770 Eagle Peak Road
EPU Barium Mine Road
EPU El Portal and Foresta Road by Fiscal Office
EPU Foresta Road by Post Office
EPU MH 32 By El Portal Community Hall
EPU Man Hole 3001 by Community Hall
EPU Manhole 5517 Foresta Road
MH # 3001,in front of Clark Hall
MH # 3001, in front of Clark Hall
Manhole # 3001, in Front of Clark Hall
9737 Buckeye Road, El Portal
9742 Rail Rd, El Portal MH 21 & 22
Arch Rock
EPU Rail Road, MH 21 and 22
Manhole 1232, Floral X Bernard
415 Beverly
2175 Pacific
1612 Locust Ravine
511 Monroe St
West end of Feliz Dr., Manhole 224
1817 Haley St
300 Block of Bernard
1212 Jefferson st., Bakersfield, CA 93305
2517 edwards ave.
300 bernard, Bakersfield, ca
Easter X Texas
1821 Kent
2130 Thelma
Flower X Robinson
1216 Jefferson
615 Skyline
2523 Potomac
401 Harrison, Taft
1105 Cannon
San Emidio Street & Segrue Road Manhole
Lamont Public Utility District Wastewater Treatment Plant
Habecker road
Campbell Way - Dexter View
Smith Road
Smith Road
Mariposa Public Utility District Highway 140
Intersection of HWYs 140 and 49 North
5175 smith rd
Chocolate Soup spill
Manhole in road intersection
Lift Station #1 Force Main
China Grade
Oildale Drive & MCcord Ave

35.376444	-118.911672	Kern
35.380042	-118.936447	Kern
35.361458	-118.945897	Kern
35.366317	-118.943872	Kern
37.674553	-119.784149	Mariposa
37.673099	-119.787387	Mariposa
37.674144	-119.784685	Mariposa
37.676504	-119.777765	Mariposa
37.671913	-119.805338	Mariposa
37.674224	-119.785682	Mariposa
37.674524	-119.784992	Mariposa
37.674297	-119.785158	Mariposa
37.674444	-119.784444	Mariposa
37.674444	-119.784722	Mariposa
37.67472	-119.78449	Mariposa
37.67472	-119.78449	Mariposa
37.67472	-119.78449	Mariposa
37.676209	-119.780731	Mariposa
37.67479	-119.783771	Mariposa
37.67472	-119.78449	Mariposa
37.674712	-119.783975	Mariposa
35.390208	-118.969617	Kern
35.362111	-118.974728	Kern
35.381389	118.961944	Kern
35.379317	118.962222	Kern
35.158569	119.369567	Kern
35.350353	118.990928	Kern
35.385111	-118.978161	Kern
35.3903	-118.994842	Kern
35.386447	-118.980569	Kern
35.386167	-118.961239	Kern
35.39058	-118.99577	Kern
35.357781	-118.962458	Kern
35.383783	-118.958403	Kern
35.394922	-119.002292	Kern
35.384381	-118.981814	Kern
35.386508	-118.980508	Kern
35.399197	-118.989936	Kern
35.363339	-118.96375	Kern
35.156325	-119.456333	Kern
35.348444	-118.988417	Kern
35	-118	Kern
35.21235	-118.92779	Kern
35.256889	-118.905417	Kern
37.495142	119.972889	Mariposa
37.499033	-119.975891	Mariposa
37.499033	-119.975891	Mariposa
37.675556	-119.966667	Mariposa
37.493332	-119.97302	Mariposa
37.483597	-119.966817	Mariposa
37.483081	-119.964067	Mariposa
35.41948	-119.0279	Kern
35.40407	-119.03002	Kern
35.42702	-119.0234	Kern
35.4066	-119.03	Kern

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North side of Kern Canyon Road East of Moring Drive
Single family homes housing tract.
Manhole in intersection of Virginia & Poinsetta

An Unnamed MH to the norht of HM EP30 (MH35.2?) Located by Clark Hall, 5512

Between the El Portal Fiscal Office building # 5508 and Building # 5014.
Between Man Hole #47 and Han Hole #46, Down Stream
RF 29 Man hole on Barium Mine Road
By the Fiscal Office
On Foresta Road between the old HR Offices (RMS Offices) and Post Office, Manhold located in the middle of the Road.

Wet on Pavement around man hole.

Between Foresta Road and Rail Road, across from the El Portal Fire House./
Between The Comfort Station and the Lift Station.

East side of San Emidio Street and approximately 10 feet south of Segrue Road.
Power to the submersible pumps at the WWTF was completely off and the emergency generator was not operating. At tl

Cleanout on sewer lateral at edge of street
Cleanout on sewer lateral at edge of street
Cleanout on sewer lateral at edge of street
Spill from manhole located 50' west of highway 140 approximatly 600' north of the intersection of Highways 140 and 49 n
Spill from manhole at the north west side of the intersection of State highways 140 and 49 north
main plugged which over-flowed a lateral just up from blockage in main near address 5175 Smith Road
Manhole at south end of parking area
Manhole at the intersection of Norris Road and Hurrle Avenue.
Spill from crack in force main and overflow from 2-inch hole of the asphalt above force main.

2

ıe time of the electrical outage there wa:

ɔrth

1

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

Sewer Manhole

Pipe Line Designation: EP1 to EP32

Spill occurred at top of sewer pipe.

The manholes are right next to eachother

lateral clean out

Private Lateral Cleanout

cleanout on private property

4 inch sewer lateral cleanout
4 inch sewer lateral cleanout
4 inch sewer lateral cleanout

Spill coming out between manhole ring and cover

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

East Side Canal of the Kern Delta Water Co.
East Side Canal owned by Kern Delta Water
East Side Canal is an irrigation ditch, no flowing water, only stationary rain water from rain the prior night.

Storm water retention reservoir (sump)

irrigation canal, empty

Sewage flowed to a local storm catch basin
The entire spill was contained in a sump-like location used for containing irrigation of the WWTf's Oleanders.

Unpaved shoulder [dirt], edge of paved street
unpaved shoulder [dirt], edge of paved street
unpaved shoulder [dirt], edge of paved street

spill flowed parrallell to street curb and a private drive to a small seasonal creek.

Spill contained and removed via vacuum truck and placed back into the sewage system.

4/29/2011 0:00	4/29/2011 8:30	4/29/2011 8:35	4/29/2011 9:05
5/25/2011 0:00	5/25/2011 19:35	5/25/2011 19:35	5/25/2011 0:00
6/25/2011 0:00	6/25/2011 12:35	6/25/2011 12:38	6/25/2011 12:50
1/12/2012 10:20	1/12/2012 10:25	1/12/2012 10:30	1/12/2012 11:05
12/19/2007 12:10	12/19/2007 12:15	12/19/2007 12:20	12/19/2007 12:30
6/26/2007 14:00	6/26/2007 14:00	6/26/2007 14:30	6/26/2007 14:15
11/6/2008 6:55	11/6/2008 7:00	11/6/2008 7:30	11/6/2008 8:00
3/16/2009 7:30	3/16/2009 11:30	3/16/2009 12:00	3/16/2009 12:30
4/30/2008 7:00	4/30/2008 7:00	4/30/2008 7:30	4/30/2008 7:30
10/12/2010 0:00	10/12/2010 14:50	10/12/2010 15:00	10/12/2010 15:45
10/19/2010 0:00	10/19/2010 14:25	10/19/2010 14:30	10/19/2010 15:15
12/27/2010 0:00	12/27/2010 15:15	12/27/2010 15:30	12/27/2010 14:40
9/5/2011 10:45	9/5/2011 10:50	9/5/2011 11:00	9/5/2011 10:50
12/3/2011 8:00	12/3/2011 12:00	12/3/2011 12:15	12/4/2011 12:30
10/13/2012 11:00	10/13/2012 11:30	10/13/2012 11:30	10/13/2012 12:00
10/17/2012 9:20	10/17/2012 9:30	10/17/2012 9:40	10/17/2012 9:55
10/26/2012 14:15	10/26/2012 14:30	10/26/2012 14:15	10/26/2012 15:15
12/28/2012 19:00	12/29/2012 7:00	12/29/2012 7:30	12/29/2012 7:35
1/5/2013 15:00	1/5/2013 15:30	1/5/2013 15:45	1/5/2013 18:00
4/1/2013 8:00	4/1/2013 8:00	4/1/2013 8:00	4/1/2013 8:30
10/3/2013 17:45	10/3/2013 17:55	10/3/2013 18:30	10/3/2013 19:00
12/9/2007 8:15	12/9/2007 8:30	12/9/2007 9:15	12/9/2007 9:25
1/3/2008 11:00	1/3/2008 13:00	1/3/2008 13:35	1/3/2008 13:47
2/18/2008 10:45	2/18/2008 12:45	2/18/2008 1:30	2/18/2008 2:15
6/16/2008 19:00	6/16/2008 20:00	6/16/2008 20:30	6/16/2008 21:00
7/28/2008 11:30	7/28/2008 11:47	7/28/2008 12:50	7/28/2008 12:55
1/27/2009 12:00	1/27/2009 15:30	1/27/2009 16:15	1/27/2009 16:25
2/15/2009 16:00	2/15/2009 16:30	2/15/2009 17:00	2/15/2009 18:35
3/27/2009 9:00	3/27/2009 10:10	3/27/2009 10:30	3/27/2009 11:00
1/13/2010 9:00	1/13/2010 10:00	1/13/2010 10:20	1/13/2010 10:30
2/22/2010 16:45	2/22/2010 17:40	2/22/2010 17:55	2/22/2010 18:40
8/19/2010 0:00	8/19/2010 16:10	8/19/2010 16:30	8/19/2010 17:30
9/24/2010 0:00	9/24/2010 8:15	9/24/2010 8:45	9/24/2010 7:30
10/4/2010 0:00	10/4/2010 7:30	10/4/2010 7:45	10/4/2010 7:55
11/28/2010 0:00	11/28/2010 11:15	11/28/2010 11:30	11/28/2010 11:45
1/20/2011 0:00	1/20/2011 9:10	1/20/2011 9:25	1/20/2011 9:50
4/20/2012 0:00	4/20/2012 14:00	4/20/2012 14:20	4/20/2012 15:00
5/23/2012 13:15	5/23/2012 13:30	5/23/2012 13:45	5/23/2012 14:00
12/26/2012 14:30	12/26/2012 15:30	12/26/2012 15:40	12/26/2012 17:00
1/28/2013 10:00	1/28/2013 10:30	1/28/2013 11:00	1/28/2013 11:30
6/6/2013 13:00	6/6/2013 13:45	6/6/2013 14:05	6/6/2013 14:30
6/17/2009 15:00	6/17/2009 15:20	6/17/2009 15:25	6/17/2009 19:20
10/3/2009 12:00	10/3/2009 12:18	10/3/2009 12:35	10/3/2009 4:00
9/19/2011 0:00	9/19/2011 0:00	9/19/2011 0:00	9/19/2011 0:00
4/8/2008 12:30	4/8/2008 14:00	4/8/2008 14:15	4/8/2008 14:45
7/13/2008 6:00	7/13/2008 8:30	7/13/2008 9:00	7/13/2008 10:15
7/13/2008 6:00	7/13/2008 8:30	7/13/2008 9:00	7/13/2008 10:15
1/24/2010 16:00	1/25/2010 8:00	1/25/2010 8:15	1/25/2010 8:25
2/24/2010 6:00	2/24/2010 7:10	2/24/2010 7:25	2/24/2010 7:30
6/7/2011 0:00	6/7/2011 8:52	6/7/2011 9:15	6/7/2011 9:30
1/23/2012 0:00	1/23/2012 9:00	1/23/2012 9:08	1/23/2012 9:10
12/2/2009 10:20	12/2/2009 10:27	12/2/2009 10:40	12/2/2009 11:05
12/27/2011 15:00	12/27/2011 15:55	12/27/2011 16:00	12/27/2011 19:32
11/29/2012 4:38	11/29/2012 4:35	11/29/2012 4:50	11/29/2012 4:52
11/9/2013 6:18	11/9/2013 6:30	11/9/2013 6:43	11/9/2013 7:03

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

Blockage
Not Determined
Roots

Blockage

Unknow at this time

FOG, and Root Intrusion
Baby Diapers

construction debris from a manhole raising project.

Electrical outage.

Found rock in sewer main. No other material such as smaller rocks, grit, dirt or other debri to indicate structural failure wa
Found 4 -5 rock and 12 oz plastic bottle plugging outlet side of manhole.
roots with small sticks, rags and grease

Broke loose grease & grit in gravity main gathered in Man Hole and causing a blockage

Main
Main
Main
Main
Main
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Main
Main
Main
Main
Main
Manhole
Main
Other (specify below)

Upper Lateral
Main
Upper Lateral

Main
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Main
Upper Lateral
Main
Main
Main
Main
Main
Main

Upper Lateral
Main
Main
Main
Main
Main
Main
Main
Gravity Mainline

Unnamed Man Hole to the north of Man Hole EP30 (MH32.5?) by Clark Comunity Hall
Lift Station

House Bathroom

	8	VCP
	8	VCP
	8	VCP
	8	VCP
	6	Cast Iron
	4	Clay
No	6	
	8	Clay
	6	VC
	4	VC
	4	VC
	6	Clay
	6	VC
	6	clay
	6	
	8	VCP
	10	CIP
No	12	clay

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Cleaned-up (mitigated effects of spill)
Cleaned-up (mitigated effects of spill)
Cleaned-up (mitigated effects of spill)
Returned all or portion of spill to sanitary sewer system
Cleaned-up (mitigated effects of spill)
Restored flow
Cleaned-up (mitigated effects of spill)
Cleaned-up (mitigated effects of spill);Restored flow
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
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);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;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

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

Hosed down area. Also responded with a flusher truck, stopped overflow. Sewer was rodded and cleaned.

Spill soaked into dirt (no paper or debris)
Dirt was placed on liquid to soak up. Dirt was then cleaned up and taken to the El Portal Wastewater Treatment Facility.

Restored flow using Jetter truck by forcing debris through pipeline. Treated gutter with chlorine.

05/05/2008 Replaced 4inch lateral from sewer main to edge of street.

Blockage removed with hydraulic pressure sewer cleaning equipment.
Inspected collection system up stream of spill. check for open sewer mains and manholes that would allow objects the siz

Baricaded area. Contained, disinfected and removed spill. Vacuum truck utilized for spill removal process.

4/29/2011 10:00
5/25/2011 20:15
6/25/2011 1:30

3/27/2009 11:00
1/13/2010 12:30
2/22/2010 18:40
8/19/2010 17:50

10/4/2010 8:20

1/20/2011 11:00
4/20/2012 17:30

6/17/2009 19:20

1/25/2010 9:30
2/24/2010 13:00
6/7/2011 10:00
1/23/2012 9:30
12/2/2009 1:00

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

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

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
Added sewer to preventive maintenance program

TV area for damaged lines

TV to locate origin of roots

Clean entire Flower Street18 line

VACON truck to respond and remove the debris along sewer main.

Found rock in sewer main. inspected upstream sewer mains. Did not find any suspect entry points for rock. Suspect vand

No
No
No

No
No
No
Yes

No

No
No

No

No
Yes
Yes
Yes
Yes

Nothing significant to be reported; sewer water only - no visible solids.

No visual indication of sewer in affected streams
No visible sign of solids from spill in receiving water.
no adverse effects visable, no floating debirs
No impact or effect observed from spill.

No
No
No

No
No
No
No

No

No
No

No

Yes
Yes
Yes
No
No

None
None

NA
NA
NA
NA

NA

NA
NA

NA

None
None
None

N/A
N/A
N/A
N/A
N/A
N/A
N/A
N/A
N/A
N/A
none N/A
N/A
None N/A
N/A
N/A

None
None

None
East Side Canal
East Side Canal
East side Canal (irrigation channel)
East Side Canal
None
None
None
East Side Canal
East Side Canal, Kern Delta Water System
none
None
NA
None
NA

none

Mariposa Creek
Mariposa Creek
intremitten tributary to Mariposa Creek
Mariposa creek
NA
None
None - contained SSO to street with dams. Pushed water back into MH.

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

No water quality samples taken
No water quality samples taken

Not applicable to this spill

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

NA

Bacterialogical samples collected from nearby un-named stream and Mariposa Creek.
Samples for total and fecal coliform collected up and downstream of unnamed intermittent stream next to spill and Maripo
quanti tray 2000, E-COLi. Collected 4 samples from intermittent stream for four days, one upstream of spill, three downst
E. coli monitoring above and below the spill.

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

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

None of the above

None of the above
None of the above

Not applicable to this spill

County Health Agency;Regional Water Quality Control Board
County Health Agency;Regional Water Quality Control Board
County Health Agency
County Health Agency;Regional Water Quality Control Board
None of the above

NA

Samples collected on 1/25. Expect results in 48 to 96 hours.

Contained spill using dams guessed water depth x amount of visual standing water inside containment & gutter area. AC

120231	1/13/2012 8:45

100261	1/13/2010 12:40
104983	8/19/2010 15:50
105968	10/4/2010 8:35
110389	1/20/2011 14:10
122366	4/20/2012 14:50

94548	6/23/2009 10:59
96703	10/3/2009 1:30

100649	1/25/2010 11:45
101368	2/24/2010 9:30
113411	6/7/2011 14:00
120459	1/23/2012 10:30

Paul Laymon Utilities Manager, Yosemite Natinoal Park 2093791077

chad vancil (Collection Supervisor) 6613996411

5SSO10757	Active	727477	Martha S. Cardoso	Certified
5SSO10757	Active	738491	Martha Cardoso	Certified
5SSO10757	Active	738592	Martha Cardoso	Certified
5SSO10757	Active	740668	Martha S. Cardoso	Certified
5SSO10757	Active	745316	Martha S. Cardoso	Certified
5SSO10757	Active	745317	Martha S. Cardoso	Certified
5SSO10757	Active	745318	Martha S. Cardoso	Certified
5SSO10757	Active	745319	Martha S. Cardoso	Certified
5SSO10757	Active	745320	Martha S. Cardoso	Certified
5SSO10757	Active	745321	Martha S. Cardoso	Certified
5SSO10757	Active	748370	Martha S. Cardoso	Certified
5SSO10757	Active	749975	Martha S. Cardoso	Certified
5SSO10757	Active	756649	Martha S. Cardoso	Certified
5SSO10757	Active	764440	Martha Cardoso	Certified
5SSO10757	Active	774277	Martha S Cardoso	Certified
5SSO10757	Active	781509	Martha S. Cardoso	Certified
5SSO10757	Active	784688	Martha S. Cardoso	Certified
5SSO10757	Active	792904	Martha S. Cardoso	Certified
5SSO10759	Active	766285	Tyler Napier	Certified
5SSO10763	Active	768661	Tim Nobles	Certified
5SSO10763	Active	772767	Tim Nobles	Certified
5SSO10763	Active	779643	Tim Nobles	Certified
5SSO10763	Active	794819	Tim Nobles	Certified
5SSO10764	Active	725853		Submit Draft
5SSO10764	Active	728292	Jon Curry	Certified
5SSO10764	Active	729971	Jon Curry	Certified
5SSO10764	Active	732136	Jon Curry	Certified
5SSO10764	Active	778688	Jon Curry	Certified
5SSO10764	Active	778692	Jon Curry	Certified
5SSO10764	Active	793034	Jon Curry	Certified
5SSO10771	Active	704508	David Boatright	Certified
5SSO10771	Active	704511	David Boatrght	Certified
5SSO10771	Active	704690	David Boatright	Certified
5SSO10771	Active	704858	David Boatright	Certified
5SSO10771	Active	704986	David Boatright	Certified
5SSO10771	Active	707428	Rich Pitcher	Certified
5SSO10771	Active	707931	David Boatright	Certified
5SSO10771	Active	708380	David Boatright	Certified
5SSO10771	Active	708381	Rich Pitcher	Certified
5SSO10771	Active	708991	Rich Pitcher	Certified
5SSO10771	Active	708993	David Boatright	Certified
5SSO10771	Active	710571	David Boatright	Certified
5SSO10771	Active	712815	Rich Pitcher	Certified
5SSO10771	Active	713806	Rich Pitcher	Certified
5SSO10771	Active	713980	Rich Pitcher	Certified
5SSO10771	Active	714038	Rich Pitcher	Certified
5SSO10771	Active	714049	Rich Pitcher	Certified
5SSO10771	Active	716187	Rich Pitcher	Certified
5SSO10771	Active	716248	Rich Pitcher	Certified
5SSO10771	Active	717070	David Boatright	Certified
5SSO10771	Active	717071	Rich Pitcher	Certified
5SSO10771	Active	717072	Rich Pitcher	Certified
5SSO10771	Active	718419	Rich Pitcher	Certified
5SSO10771	Active	719148	Rich Pitcher	Certified
5SSO10771	Active	720051	David Boatright	Certified

Wastewater Systems Supervisor
Wastewater Systems Supervisor
Wastewater Systems Supervisor
Wastewatr System Supervisor
Wastewater Systems Supervisor
Wastewater Systems Supervisor
Wastewater Systems Supervisor
Wastewater Systems Supervisor
Wastewater Systems Supervisor
Wastewatr Systems Supervisor
Wastewater Systems Supervisor
Wastewater Systems Supervisor
Wastewater Systems Supervisor
Wastewater Systems Supervisor
Wastewater Management Superintendent
Waste Management Superintendent
Waste Management Superintendent
Waste Management Superintendent
Utilities Manager
Correctional Plant Supervisor
CPS
Correctional Plant Maneger
CPS

Utility Manager
Utility Manager
Utility Manager
Uttility Manager
Utility Manager
Utility Manager
Wastewater Superintendent
Wastewater Superintendent
Wastewater Superintendent
Wastewater Superintendent
Wastewater Superintendent
Collection System Tech II
Wastewater Foreman
Wastewater Superintendent
Collection system tech II
Collection System Tech II
Wastewater Superintendent
Wastewater Superintendent
Collection System Tech II
Collection System Tech II
Collection System Tech II
Collection System Tech II
Collection System Tech II
Collection System Tech II
Collection System Tech II
Wastewater Superintendent
Collection System Tech II
Collection System Tech III
Collection System Tech III
Collection System Tech III
Wastewater Superintendent

City of Reedley, CA		741263
Reedley, CA		200437
Reedley, CA		216278
Reedley, CA		449389
Reedley, CA		734486
Reedley		500810
Reedley, CA		131744
Reedley, CA		104067
Reedley, CA		947962
Reedley, CA		303264
Reedley, CA		689423
Reedley, CA		459453
Reedley, CA		901834
Reedley, California		705113
Reedley, CA		694709
Reedley, CA		913800
Reedley, CA		758198
Reedley, CA		486662
Stallion Springs CSD		788999
Tehachapi		312694
CCI		639357
CCI		478496
CCI		752634
	11:39 AM	129328
	10:35	610599
	940	154790
	1119	160963
	1149	689555
	1723	206498
Sonora Regional Wastewater Treatment Plant		471613
Sonora Regional Wastewater Treatment Plant		151773
Sonora Regional Wastewater Treatment Plant		437008
Sonora Regional Wastewater Treatment Plant		672698
Sonora Regional Wastewater Treatment Plant		560189
TUD Regional Wastewater Plant		480368
Sonora Ca.		857857
Sonora Regional Wastewater Treatment Plant		752636
TUD Regional Treatment Plant		846215
TUD Regional WWTP		677479
Sonora Regional Wastewater Treatment Plant		496716
Sonora Regional Wastewater Treatment Plant		506977
TUD RWTP		230174
TUD RWTP		947350
TUD RWTP		714888
TUD RWTP		613855
TUD RWTP		902898
TUD RWTP		781258
TUD RWTP		925385
Sonora Regional Wastewater Treatment Plant		607922
TUD RWTP		352109
TUD RWTP		121781
TUD RWTP		988919
TUD RWTP		342684
Sonora Regional Wastewater Treatment Plant		760164

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

Category 3	1	1
Category 1	2000	0
Category 1	60	0
Category 2	21000	0
Category 3	135	130
Category 3	23	20
Category 3	135	130
Category 3	270	250
Category 3	135	130
Category 3	135	130
Category 1	72000	0
Category 1	18070	0
Category 1	67	0
Category 1	20	0
Category 3	60	45
Category 3	232	200
Category 1	6600	0
Category 3	480	475
Category 3	80	80
Category 2	50000	8500
Category 2	5000	0
Category 2	2000	1000
Category 2	5000	0
Category 3	70	70
Category 3	250	0
Category 3	500	400
Category 3	300	250
Category 3	800	700
Category 3	175	150
Category 3	150	140
Category 3	100	0
Category 3	100	0
Category 3	100	90
Category 1	200	100
Category 1	250	200
Category 3	150	
Category 3	200	50
Category 3	400	0
Category 3	400	
Category 1	1100	100
Category 1	625	200
Category 1	200	0
Category 3	700	
Category 1	150	0
Category 1	55000	2000
Category 3	800	
Category 3	30	
Category 3	2	0
Category 3	900	0
Category 3	20	0
Category 3	20	0
Category 3	500	0
Category 3	200	0
Category 3	80	0
Category 1	275	250

0	No	No
2000	Yes	No
60	Yes	No
0	No	No
0	No	Yes
0	No	Yes
0	No	Yes
0	No	Yes
0	No	Yes
0	No	Yes
72000	Yes	Yes
18070	Yes	Yes
67	Yes	No
20	No	Yes
0	No	Yes
0	No	Yes
6600	Yes	No
0	No	Yes
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	No
0	No	No
0	No	No
0	No	No
0	No	No
	No	No
100	No	Yes
50	No	Yes
	No	No
	No	No
0	No	No
	No	No
1000	Yes	Yes
425	Yes	Yes
200	No	Yes
	No	No
150	Yes	No
53000	Yes	Yes
	No	No
	No	No
0	No	No
0	No	No
0	No	No
0	No	No
0	No	No
0	No	No
0	No	No
25	Yes	Yes

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

River Ridge Lift Station
City of Reedley Wastewater Treatment Plant - Cricket Hollow Park
Reedley Wastewater Treatment Plant - Cricket Hollow Park
City of Reedley Wastewater Treatment Plant
Peck Colony Rd. Manhole #460
Sprinfield Ave. Manhole #470
Kady Ave. Manhole #455
Cedar Ave. Manhole #456
Cedar Ave. Manhole # 538
Lingo Ave. Manhole $=# 540
Manning Ave.
W. Carpenter & W. Cyrier
Cricket Hollow Park 1295 W. Olson Ave. Manhole #905
2216 Duff Ave.
572 W. Huntsman Ave
MH 455 at 461 S. Kings Drive
Cricket Hollow Park
Manhole #576 Intersection of Washington Ave & Hemlock Ave
28881 Shannon Court Condos # 27
WWTP Headworks
california correctional institution facility c no mans land
open field
CCI headworks
Valley Blvd 202
126 East J St.
Curry Street between D and E Streets Alleyway
Tehachapi Blvd. Lift Station
S. Curry St at D/E Alley
Hickory/Cherry Lane
Beech St. and Valley Blvd.
Gibbs Ranch
Gibbs Ranch
Giggs Ranch
Sonora
sonora
Sonora
Sonora
Gibbs
Gibbs
Sonora
Sonora
Sonora
Gibbs
Willow Springs
Sonora
Sonora
Sonora
Soulsbyville
Columbia
Sonora
Sonora
Sonora
Gibbs
Sonora
Sonora

36.6	119.433333	Fresno
36.582222	-119.461111	Fresno
36.582222	-119.461111	Fresno
36.584472	-119.461667	Fresno
36.59196	-119.43725	Fresno
36.60041	-119.44193	Fresno
36.60132	-119.44118	Fresno
36.59332	-119.44103	Fresno
36.60253	-119.43816	Fresno
36.60056	-119.43332	Fresno
36.60354	-119.46533	Fresno
36.58121	-119.45122	Fresno
36.58449	-119.46194	Fresno
36.59351	-119.42505	Fresno
36.5825	-119.45407	Fresno
36.59347	-119.45967	Fresno
36.58449	-119.46194	Fresno
36.59132	-119.43494	Fresno
35.08963	-118.64403	Kern
35.11847	-118.58059	Kern
35.13	-118.45	Kern
35.11984	-118.57454	Kern
35.11822	-118.58102	Kern
35.072994	118.273582	Kern
35.484	118.1605	Kern
35.4665	118.1618	Kern
35.47352	118.1675	Kern
35.07779	-118.26977	Kern
35.07236	-118.27693	Kern
35.07756	-118.27986	Kern
37.991766	-120.401766	Tuolumne
37.991766	-120.401776	Tuolumne
37.983471	-120.400027	Tuolumne
37.983341	-120.366909	Tuolumne
37.983389	-120.36689	Tuolumne
37.983496	120.400112	Tuolumne
38.002849	-120.391987	Tuolumne
37.983576	-120.400051	Tuolumne
37.983576	120.400051	Tuolumne
37.983562	120.383416	Tuolumne
37.966834	-120.316802	Tuolumne
37.983399	-120.366827	Tuolumne
37.983498	120.400047	Tuolumne
37.966944	120.366925	Tuolumne
37.966769	120.3667	Tuolumne
37.966914	120.383334	Tuolumne
37.983418	120.366791	Tuolumne
37.966944	120.366925	Tuolumne
38.050003	120.400268	Tuolumne
37.983429	120.366892	Tuolumne
37.983429	120.366892	Tuolumne
37.98335	120.383385	Tuolumne
37.983469	120.400078	Tuolumne
37.983435	120.36689	Tuolumne
37.966941	-120.366944	Tuolumne

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A very small seepage took place at the manhole east of the lift station onto the asphalt area surrounding the manhole. No
Spill took place at Cricket Hollow Park along the Kings River adjacent to the Reedley Wastewater Treatment Plant.
Overflow took place at manhole #899 in the Cricket Hollow Park adjacent to the City of Reedley Wastewater Treatment P
Spill took place at the Reedley Wastewater Treatment Plant at manhole north of the Influent Pump Station. By the time c
Manhole #460 mon Peck Colony Rd.
Manhole #470 on Springfield Ave.
Manhole #455 on Kady Ave.
Manhole #456 on Cedar Ave. & La Roda Circle
Manhole #538 on Cedar Ave.
Manhole # 540 on Lingo Ave. & Lingo Circle.
Grease stoppage between manholes 718 & 726. Raw sewage was spilling from manhole numbers 717 & 718.
Spill ocurred in the intersection of W. Carpenter & Cyrier Avenues at manhole number 1012
Manhole #905 along Cricket Hollow Park.
Manhole #342 located on the corner of Tobu Ave. & Duff Ave. Nearest address 2216 Duff Ave.
Manhole No. 965 in alleyway between Church & Klein Ave. Manhole was covered with asphalt. Water seeping from manh
Spill reported at Manhole #455
Manhole #899 & #905 along Cricket Hollow Park Roadway into Kings River.
Spill took place in Manhole #576 at the intersection of Washington & Hemlock Avenues due to a grease plug in the sewer

Spill at headworks between bar rake due to main line pluggage.
behind fac.c housing unit 1
open field below lower parking lot
Overflow at headworks
Valley Blvd and beech street @ MH # NW043. Line plugged @ MH# NW041
Private residence, spill enetred storage apartment interior from toilet, and entered yard through exterior clean out.
Curry Street between D and E Streets Alleyway

Manhole at D/E st. Alley
Intersection of Hickory and Cherry Lane
Overflow of manhole at intersection of Valley Blvd and beech St.

waterway or storm drain was affected.

lan; as well as, in the restroom area.
ew arrived at plant the spill had already

ole peep hole only when customers use

line downstream of this manhole.

Manhole
Building or structure;Gravity sewer
Building or structure;Gravity sewer
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Gravity sewer
Manhole
Manhole
Gravity sewer
Manhole
Combined sewer D.I.;Gravity sewer;Manhole;Other (specify)
Building or structure
Gravity sewer
Other (specify)
Gravity sewer
Gravity sewer
Manhole
Building or structure
Manhole
Manhole
Manhole
Manhole
Manhole
Building or structure
Building or structure
Gravity sewer
Gravity sewer
Manhole
Gravity sewer
Manhole
Gravity sewer
Gravity sewer
Manhole
Manhole
Gravity sewer
Manhole
Manhole
Manhole
Gravity sewer
Manhole
Manhole
Manhole
Gravity sewer
Gravity sewer
Gravity sewer
Gravity sewer
Gravity sewer
Manhole

sewage appeared coming out of manhole #899 along the road side at Cricket Hollow Park adjacent to the wastewater trea

Manhole #905

Sewer collected in the storm drain diversion box.

man hole overflow

Overflow from c/o and into bathroom
Overflow from c/o and and into bathroom

c/o in street
c/o in customers backyard
c/o in street

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

Most of the spill occurred on the asphalt exiting the manhole area into the Kings River. Some spillage occurred within the
Overflow took place in parking lot area at Cricket Hollow Park.
The plant is under construction; therefore, area surrounding the plant influent pump station has not been paved yet. The s

All sewer ran off into storm drain gutter and eventually into the Kings River
Discharge began at manhole #905 and proceeded across paved parking lot into an unpaved river enbankment into the Ki
Spill mainly fell onto the street, curb and gutter. May have worked its way into the storm drain DI at the corner.
Spill was on partially paved alleyway and made its way to curb and gutter into a nearby storm drain.

Storm drain pond diversion box.

open field below lower parking lot

spill contained in surrounding street gutters

Spill collected in excavated constructiion zone at the intersection of Curry and F St.

Contain and vaccuum

9/29/2008 9:06	9/29/2008 8:57	9/29/2008 9:05	9/29/2008 9:06
6/2/2009 0:00	6/2/2009 17:28	6/2/2009 17:30	6/2/2009 18:00
6/4/2009 0:00	6/4/2009 13:56	6/4/2009 13:58	6/4/2009 14:00
7/1/2009 19:45	7/2/2009 2:45	7/2/2009 3:10	7/1/2009 23:58
9/29/2009 0:00	9/29/2009 15:50	9/29/2009 16:15	9/29/2009 16:35
9/29/2009 15:50	9/29/2009 15:50	9/29/2009 16:15	9/29/2009 16:35
9/29/2009 15:50	9/29/2009 15:50	9/29/2009 16:15	9/29/2009 16:35
9/29/2009 15:50	9/29/2009 15:50	9/29/2009 16:15	9/29/2009 16:35
9/29/2009 15:50	9/29/2009 15:50	9/29/2009 16:15	9/29/2009 16:35
9/29/2009 15:50	9/29/2009 15:50	9/29/2009 16:15	9/29/2009 16:35
1/13/2010 0:00	1/13/2010 8:35	1/13/2010 8:45	1/13/2010 10:30
2/27/2010 0:00	2/27/2010 22:00	2/27/2010 15:00	2/27/2010 22:00
9/4/2010 0:00	9/4/2010 14:15	9/4/2010 14:30	9/4/2010 14:35
3/17/2011 0:00	3/17/2011 6:00	3/17/2011 6:05	3/17/2011 6:44
12/14/2011 0:00	12/14/2011 18:30	12/14/2011 18:40	12/14/2011 18:45
5/20/2012 0:00	5/21/2012 8:20	5/21/2012 8:30	5/21/2012 8:52
7/31/2012 6:00	7/31/2012 6:15	7/31/2012 6:15	7/31/2012 6:52
3/25/2013 12:00	3/25/2013 12:27	3/25/2013 12:35	3/25/2013 13:20
4/9/2011 0:00	4/10/2011 8:15	4/10/2011 8:00	4/9/2011 21:00
7/19/2011 6:30	7/19/2011 6:41	7/19/2011 7:00	7/19/2011 9:40
10/2/2011 0:00	10/2/2011 15:10	10/2/2011 16:15	10/3/2011 12:00
3/21/2012 0:00	3/21/2012 14:30	3/21/2012 14:15	3/23/2012 15:00
6/4/2013 16:30	6/5/2013 7:30	6/5/2013 7:30	6/5/2013 7:30
8/4/2008 10:45	8/4/2008 11:00	8/4/2008 11:20	8/4/2008 12:00
10/19/2008 21:00	10/20/2008 8:50	10/20/2008 9:10	10/20/2008 9:30
11/30/2008 7:45	11/30/2008 8:45	11/30/2008 9:15	11/30/2008 9:45
1/18/2009 14:35	1/18/2009 14:45	1/18/2009 15:00	1/18/2009 15:15
7/22/2011 7:30	7/22/2011 8:00	7/22/2011 8:15	7/22/2011 11:00
1/15/2012 8:20	1/15/2012 8:30	1/15/2012 8:40	1/15/2012 8:50
2/7/2013 8:00	2/7/2013 8:10	2/7/2013 8:20	2/7/2013 8:25
9/19/2007 13:30	9/19/2007 13:30	9/19/2007 13:45	9/19/2007 14:45
9/19/2007 13:30	9/19/2007 13:30	9/19/2007 13:45	9/19/2007 14:45
9/19/2007 13:15	9/19/2007 13:15	9/19/2007 13:45	9/19/2007 14:55
10/6/2007 10:30	10/6/2007 14:20	10/6/2007 14:50	10/6/2007 15:35
10/8/2007 13:45	10/8/2007 13:45	10/8/2007 13:55	10/8/2007 14:10
10/30/2007 9:15	10/30/2007 9:15	10/30/2007 9:20	10/30/2007 10:15
11/15/2007 17:38	11/15/2007 17:38	11/15/2007 18:20	11/15/2007 18:40
11/8/2007 21:18	11/8/2007 21:18	11/8/2007 21:50	11/8/2007 22:25
11/8/2007 21:18	11/8/2007 21:18	11/8/2007 21:50	11/8/2007 22:25
12/8/2007 9:26	12/8/2007 9:26	12/8/2007 10:20	12/8/2007 11:00
12/10/2007 15:10	12/10/2007 15:10	12/10/2007 15:25	12/10/2007 15:35
12/31/2007 12:20	12/31/2007 12:20	12/31/2007 12:45	12/31/2007 13:45
2/9/2008 12:00	2/9/2008 12:00	2/9/2008 13:05	2/9/2008 15:20
2/22/2008 13:40	2/22/2008 13:40	2/22/2008 13:50	2/22/2008 14:10
2/24/2008 17:42	2/24/2008 17:42	2/24/2008 20:00	2/24/2008 22:30
2/16/2008 12:30	2/16/2008 12:30	2/16/2008 12:40	2/16/2008 16:00
2/16/2008 10:05	2/16/2008 10:05	2/16/2008 10:20	2/16/2008 10:20
4/7/2008 12:30	4/7/2008 12:30	4/7/2008 12:30	4/7/2008 13:30
4/16/2008 11:00	4/16/2008 11:00	4/16/2008 11:00	4/16/2008 13:00
4/27/2008 13:49	4/27/2008 13:49	4/27/2008 14:25	4/27/2008 14:25
4/27/2008 13:49	4/27/2008 13:49	4/27/2008 14:25	4/27/2008 14:25
5/5/2008 11:50	5/5/2008 11:50	5/5/2008 11:55	5/5/2008 12:15
5/27/2008 12:15	5/27/2008 12:15	5/27/2008 12:45	5/27/2008 12:45
6/4/2008 8:50	6/4/2008 8:50	6/4/2008 8:55	6/4/2008 9:10
6/23/2008 3:48	6/23/2008 3:48	6/23/2008 4:20	6/23/2008 4:45

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

Construction company performing headworks tie-in for the plant expansion project. The sewer backed-up into the collecti
Influent pump station pumps became ragged-up and decreased flow output.
It is believed that the two influent pump station pumps were unable to keep up with the flow due to partial plug by rags. It

Lift station that serviced this line was removed during plant expansion. The sump was not demolished and was left in plac
Pumps failed to come on as programmed, when operator manually pumped station the manhole down the road spilt as he
Vac-con went in to rod the line out and pulled back roots and released the sewer plug. Flow resumed immediately.

PLC-44 Operating System Failure & SCADA System Failure to send out notification alarm to personnel. Operating Syster

Debris combined with root intrusion

grease was also a contributing factor

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

Main
Main

Main

Main
Main

Main

Sewer back-up at manhole located at park and restroom overflow.

Spill occurred from a newly installed manhole due to plant expansion north of the influent pump station.

Failure occured at the Wastewater Treatment Plant; plant shut down.

City Lift Station

8	FM	
10	Transite	
10	Transite	
8	Clay	
8	Schedule 35	
8	Schedule 35	
8	Schedule 35	
8	Schedule 35	
8	Schedule 35	
8	Transite	
18	Cement	
8	Plastic	
8	PVC	
6	Clay	
6	Plastic	
10	SDR-35	
8	Clay	
8	clay	
20	PVC	
8	clay	
8		8
8	Clay	
12	Plastic	
8	VCP	
8	VCP	
6	Transite	
6	Transite	
6	Transite	
6	clay	
12	AC	
6	VC	
6		
6	VC	
8	ac	
4	VC	
8		

4
27
27

25
25
25
25
25
25
27
40
25
10
30
30
33
60
35

60
50
4
60

60
30
30
25

30

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

The collection system Vac-Con truck was on site, which assisted in containing the major overflow and asssisted in the cle
Evacuated park and closed until clean-up process was complete.
Per Fresno Regional Board Office a solution of chlorine bleach was applied to contaminated area. The plant, also applied

Collection Crew tried to relieve line, but the run was too long 900 plus feet. Called out City of Dinuba Vac-Con to assist. T
Dsinfected affected asphalt area with granular chlorine and recaptured all cleaning material and water used. Sprinkled gra

Pulled samples above and below stream.

n/a

Blockage had cleared itself by the time operator had arrived on site. Routed line anyway.

6/2/2009 19:00
6/4/2009 16:00
7/2/2009 18:00

1/13/2010 12:00
2/27/2010 22:00
9/4/2010 15:30
3/17/2011 6:55
12/19/2011 10:18
5/21/2012 12:45
7/31/2012 7:15

7/19/2011 15:30
10/4/2011 15:00
3/24/2012 9:00
6/5/2013 8:40

10/6/2007 18:00
10/8/2007 14:30

12/8/2007 11:45
12/10/2007 16:00
12/31/2007 16:00

2/22/2008 17:00
2/25/2008 2:30

6/23/2008 8:00

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

Added sewer to preventive maintenance program;Adjusted schedule/method of preventive maintenance;Other (specify b
Other (specify below)
Added sewer to preventive maintenance program
Other (specify below)
Other (specify below)
Adjusted schedule/method of preventive maintenance
Plan rehabilitation or replacement of sewer;Other (specify below)

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

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

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

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

Adjusted schedule/method of preventive maintenance

Looking into placing a check valve at restroom drains to prevent sewer back-up; as wellas, investigating other possible cc
Lowered pump station levels after elevation levels were obtained to be kept below the lowest elevation of possible overflc
On going investigation is taking place to determine the reason that the high alarm signal to trigger the third pump at the p

Will conduct FOG inspections in restaurant areas linked to this particular line to verify that they are complying with the FC
Trying to relieve plug with step rodding and will install a manhole between the existing manholes to reduce the 900+ run b
Old lift station sump shall be inspected weekly and vactored out as needed to prevent grease build up.
Still under investigation.
These lines get inspected on an annual basis. The inspection period for this line will resume in January of 2012; therefore

Installed diagnostic tool to the PLC program to correct the glitch in the operating system that caused the shut down of the

cleaned trash/ debris from sewer

Plane to vedio inspect main and some laterals in area

Put line on root treatment schedule

Will discuss to see if the PM should be adjusted to a more frequent time schedule

Yes
Yes
Yes

Yes
Yes
No
Yes
No
No
Yes

No
No
No
No

No
No

Yes
No
No

No
Yes

No

No receiving water affected.
No visible signs noted. Kings River authorities recorded 2500 cfs flowing through the river.
No visible signs of negative impact.
The spill did not visible note any receiving water being impacted by spill.

None visible.
None visible.
None visible.
N/A
None
N/A
Could not observe any debris, material or signs of discharge on asphalt nor in water. Area directly to the right of discharg

n/a
n/a

Creek water was clear with no signs of sso impact

Yes
Yes
Yes

Yes
Yes
Yes
No
No
No
Yes

No
No
No
No

No
No

No
No
No

No
No

No

N/A
N/A
NA

Kelly's Beach (Recreational river embankment area). This area is a seasonal recreational area with limited use during this
N/A
Boat launch area.
N/A
N/A
None
Lindy's Landing and any beaches or navigation points south of the discharge point.

n/a
n/a

N/A
N/A

N/A
N/A
N/A

N/A
N/A

N/A

Kings River
Kings River
NA

Kings River
Kings River
Kings River
N/A
N/ A Due to small ammount of spillage do not believe it made it to surface water.
None
Kings River Flows reported for 07/30/2012 2700 cfs; 07/31/2012 2600 cfs. Data provided by the Kings River Association.

None
n/a
n/a

none

n/a
n/a

Did not reach Surface Water

Sonora Creek
Sonora Creek

Woods Creek
Sullivans Creek
Sonora Creek

Old Willow Springs pond
Sullivan Creek

Sonora Creek

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

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

Not applicable to this spill
Not applicable to this spill

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

Biological indicator(s) - specify below
Biological indicator(s) - specify below

Other (specify below)

N/A

Other chemical indicators analyzed were pH and conductivity. Biological indicators were Total Coliform Presence/Absenc
Total & Fecal Coliform, plus E. coli analysis ran.
Total Coliform, Fecal and E. coli samples taken up and downstream of discharge point.
N/A
None pulled.
N/A
BOD, Total Coliform, Fecal Coliform and E. coli samples taken above stream and below stream of discharge point on dat

Baqc-Tees above and below posible spill impact

Bactee, coliform, and fecal
Bactee,coliform,fecal

Fecal and Coliform

None of the above
Regional Water Quality Control Board
None of the above

None of the above
Regional Water Quality Control Board
None of the above
No water quality samples taken
None of the above
None of the above
County Health Agency;Regional Water Quality Control Board

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

None of the above
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

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

County Health Agency;Regional Water Quality Control Board

N/A
Will report results to Regional Water Quality Control Board in written report.

Have not reported any results yet.
Report unavailable yet.
Samples were taken on 09/07/2010 when commercial laboratories were available.

N/A
Preliminary results given but have not received final results from laboratory. No values available as of time of completing

report.

87044	9/29/2008 9:44
94090	6/2/2009 19:20
94148	6/4/2009 20:55
94776	7/2/2009 16:23
96623	9/29/2009 20:47
96623	9/29/2009 20:47
96623	9/29/2009 20:47
96623	9/29/2009 20:47
96623	9/29/2009 20:47
96623	9/29/2009 20:47
100268	1/13/2010 2:42
101452	3/27/2010 16:59
105327	9/4/2010 15:55
111593	3/17/2011 9:52
117396	12/14/2011 20:27
123007	5/21/2012 13:55
124462	7/31/2012 12:00
131806	3/25/2013 15:13
114278	7/19/2011 7:40
121694	3/22/2012 13:00
87548	10/20/2008 10:00
88557	11/30/2008 10:15
90417	1/18/2009 15:30
114348	7/22/2011 13:10
120269	1/15/2012 9:35
130804	2/7/2013 9:00
77585	12/8/2007 16:00
	2/22/2008 14:05
81564	2/25/2008 9:15
84455	6/23/2008 7:45

5SSO10771	Active	720675	Rich Pitcher	Certified
5SSO10771	Active	722975	Rich Pitcher	Certified
5SSO10771	Active	724039	Rich Pitcher	Certified
5SSO10771	Active	724040	Rich Pitcher	Certified
5SSO10771	Active	724542	David Boatright	Certified
5SSO10771	Active	724960	Rich Pitcher	Certified
5SSO10771	Active	725726	Rich Pitcher	Certified
5SSO10771	Active	726163	Rich Pitcher	Certified
5SSO10771	Active	726313	Rich Pitcher	Certified
5SSO10771	Active	727156	David Boatright	Certified
5SSO10771	Active	727481	David Boatright	Certified
5SSO10771	Active	727601	David Boatright	Certified
5SSO10771	Active	728831	David Boatright	Certified
5SSO10771	Active	729056	David Boatright	Certified
5SSO10771	Active	731123	David Boatright	Certified
5SSO10771	Active	731192	David Boatright	Certified
5SSO10771	Active	731675	David Boatright	Certified
5SSO10771	Active	731676	David Boatright	Certified
5SSO10771	Active	731679	David Boatright	Certified
5SSO10771	Active	732177	David Boatright	Certified
5SSO10771	Active	732581	David Boatright	Certified
5SSO10771	Active	733424	David Boatright	Certified
5SSO10771	Active	733433	David Boatright	Certified
5SSO10771	Active	733437	David Boatright	Certified
5SSO10771	Active	733936	David Boatright	Certified
5SSO10771	Active	735744	David Boatright	Certified
5SSO10771	Active	736468	David Boatright	Certified
5SSO10771	Active	736546	David Boatright	Certified
5SSO10771	Active	736969	David Boatright	Certified
5SSO10771	Active	736970	David Boatright	Certified
5SSO10771	Active	737360	David Boatright	Certified
5SSO10771	Active	737361	David Boatright	Certified
5SSO10771	Active	738278	David Boatright	Certified
5SSO10771	Active	738429	David Boatright	Certified
5SSO10771	Active	738915	David Boatright	Certified
5SSO10771	Active	738919	David Boatright	Certified
5SSO10771	Active	739888	David Boatright	Certified
5SSO10771	Active	740036	David Boatright	Certified
5SSO10771	Active	740306	David Boatright	Certified
5SSO10771	Active	742393	David Boatright	Certified
5SSO10771	Active	742768	David Boatright	Certified
5SSO10771	Active	743104	David Boatright	Certified
5SSO10771	Active	743446	David Boatright	Certified
5SSO10771	Active	743448	David Boatright	Certified
5SSO10771	Active	744802	David Boatright	Certified
5SSO10771	Active	744904	David Boatright	Certified
5SSO10771	Active	744980	David Boatright	Certified
5SSO10771	Active	745324	David Boatright	Certified
5SSO10771	Active	745374	David Boatright	Certified
5SSO10771	Active	746432	David Boatright	Certified
5SSO10771	Active	746843	David Boatright	Certified
5SSO10771	Active	746844	David Boatright	Certified
5SSO10771	Active	746924	David Boatright	Certified
5SSO10771	Active	747470	David Boatright	Certified
5SSO10771	Active	747515	David Boatright	Certified

Collection System Tech III
Collection System Tech III
Collection System Tech III
Collection System Tech III
Wasstewater Superintendent
Collection System Tech III
Collection System Tech III
Collection System Operator III
Collection System Operator III
Wastewater Superintendent
Wastewater Superintendent
Wastewater Superintendent
Wastewater Superintendent
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Wastewater Superintendent
Wastewater Superintendent

TUD RWTP	272075
TUD RWTP	204622
TUD RWTP	906057
TUD RWTP	752956
Sonora Regional Wastewater Treatment Plant	566098
TUD RWTP	384392
TUD RWTP	817972
TUD RWTP	621220
TUD RWTP	397632
TUD RWWTP	172623
Sonora Regional Wastewater Treatment Plant	966213
Sonora Regional Wastewater Treatment Plant	411988
Sonora Regional WWTP	367082
Sonora Regional Wastewater Plant	273606
Regional Wastewater treatment Plant	718293
Regional Wastewater treatment Plant	161479
Regional Wastewater Treatment Plant	302813
Regional Wastewater Treatment Plant	252674
Regional Wastewater Treatment Plant	388963
Regional Wastewater treatment Plant	860782
Regional Wastewater treatment Plant	343256
Regional Wastewater treatment Plant	566697
Regional Wastewater treatment Plant	715012
Sonora Regional Wastewater Treatment Plant	351110
Regional Wastewater treatment Plant	924824
Sonora Regional Wastewater Treatment Plant	710106
Regional Wastewater treatment Plant	550585
Regional Wastewater treatment Plant	542643
Regional Wastewater treatment Plant	263147
Regional Wastewater treatment Plant	601406
Regional Wastewater treatment Plant	181130
Regional Wastewater treatment Plant	223818
Sonora Regional Wastewater Treatment Plant	258639
Regional Wastewater treatment Plant	808337
Regional Wastewater Plant	714160
Regional Wastewater plant	530926
Regional Wastewater Treatment Plant	674231
Regional Wastewater Treatment Plant	830666
Regional Wastewater Plant	105484
Sonora Regional Wastewater Treatrment Plant	313002
Regional Wastewater Treatment Plant	662420
Regional Wastewater Treatment Plant	755251
Sonora Regional Wastewater Treatment Plant	457930
Sonora Regional Wastewater Treatment Plant	409433
Regional Wastewater treatment Plant	983688
Regional Wastewater Treatment Plant	127776
Regional Wastewater Treatment Plant	808193
Regional Wastewater Treatment Plant	586434
Regional Wastewater Plant	129470
Regional Wastewater treatment Plant	262397
Regional Wastewater Treatment Plant	236833
Regional Wastewater Treatment Plant	228453
Regional Wastewater Treatment Plant	930712
Regional Wastewater Treatment Plant	306247
Regional Watewater Treatment Plant	863590

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

Category 1	90	5
Category 2	1500	250
Category 3	10	0
Category 3	5	0
Category 1	30	20
Category 3	20	0
Category 3	30	0
Category 3	15	0
Category 3	25	0
Category 3	15	0
Category 1	500	300
Category 3	25	0
Category 2	6000	1000
Category 3	250	0
Category 1	2000	1800
Category 3	273	0
Category 3	200	200
Category 3	500	500
Category 3	300	300
Category 3	30	0
Category 3	225	0
Category 3	10	0
Category 3	200	50
Category 1	500	100
Category 3	35	35
Category 1	600	0
Category 3	1	1
Category 3	150	0
Category 3	3	0
Category 3	7	0
Category 1	600	200
Category 3	50	0
Category 3	180	10
Category 1	100	50
Category 1	900	0
Category 3	10	10
Category 3	800	60
Category 3	800	800
Category 3	30	30
Category 1	20	0
Category 3	10	0
Category 3	55	5
Category 3	300	300
Category 3	20	0
Category 3	50	50
Category 3	60	10
Category 3	15	0
Category 3	200	200
Category 3	2	0
Category 3	250	250
Category 3	50	50
Category 3	30	0
Category 3	5	0
Category 3	25	10
Category 3	20	5

85	Yes	Yes
0	No	No
0	No	No
0	No	No
10	No	Yes
0	No	No
0	No	No
0	No	No
0	No	No
0	No	No
200	Yes	Yes
0	No	No
0	No	No
0	No	No
200	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
400	Yes	No
0	No	Yes
600	Yes	Yes
0	No	No
0	No	No
0	No	No
0	No	No
400	Yes	Yes
0	No	No
0	No	No
50	Yes	Yes
900	Yes	Yes
0	No	No
0	No	No
0	No	Yes
0	No	No
20	No	Yes
0	No	No
0	No	No
0	No	Yes
0	No	No
0	No	No
0	No	No
0	No	No
0	No	Yes
0	No	No
0	No	Yes
0	No	No
0	No	No
0	No	No
0	No	No
0	No	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
No
Not Applicable - Spill did not reach storm drainpipe
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Not Applicable - Spill did not reach a separate storm drainpipe
Yes
No
Not Applicable - Spill did not reach storm drainpipe
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Sonora
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Gibbs
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Ranchos Poquitos
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Columbia
Sonora
Willow Springs
Sonora
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Gibbs
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Gibbs
Sonora
Willow Springs
Columbia Sky Mobile Home Park
Gold Springs force main- Columbia
Sonora
Sonora
Sonora
gibbs ranch
Columbia
Sonora(347 Solinsky)
Sonora(98 Barretta)
Sonora(107 Stewart st)
161 Lyons st.
Columbia,
Yosemite Titile
216 theall st.
20370 E walnut
Summit ave. easement
Gold Springs forcemain
Gibbs Ranch(11126 Racetrack)
Lyons St (Terzich and Wilson Lawn)
191 Washington st
Boulder Plaza
Hope and Pasadena
311 southgate dr.
Upper Sunset
Calaveras Way and Alpine St
182 Hill St
Sonora
lawn next to house
Intersection of Dodge and Yaney

37.983387	120.366932	Tuolumne
37.983386	120.366889	Tuolumne
37.976389	120.381094	Tuolumne
37.986359	120.380834	Tuolumne
37.985225	-120.384905	Tuolumne
37.991827	-120.401813	Tuolumne
37.977706	120.379053	Tuolumne
37.987492	-120.379888	Tuolumne
37.979978	-120.37846	Tuolumne
37.977609	-120.379372	Tuolumne
37.983257	-120.291544	Tuolumne
37.987431	-120.380374	Tuolumne
38.039825	-120.402268	Tuolumne
37.988066	-120.38798	Tuolumne
37.995467	-120.262167	Tuolumne
37.982557	-120.386985	Tuolumne
37.985138	-120.379122	Tuolumne
38.046294	-120.410443	Tuolumne
38.035525	-120.399374	Tuolumne
38.002828	120.392038	Tuolumne
38.033272	120.40255	Tuolumne
37.991793	120.347387	Tuolumne
37.990973	120.406252	Tuolumne
37.983194	-120.400876	Tuolumne
37.976733	120.381629	Tuolumne
37.999513	-120.261014	Tuolumne
38.037743	-120.407705	Tuolumne
38.046294	-120.410443	Tuolumne
37.976424	-120.380912	Tuolumne
37.987527	-120.380127	Tuolumne
37.987348	-120.379511	Tuolumne
37.993943	-120.403719	Tuolumne
38.034437	-120.393931	Tuolumne
37.98244	-120.388639	Tuolumne
37.984058	-120.380668	Tuolumne
37.986343	-120.383335	Tuolumne
37.9852423	-120.3807434	Tuolumne
38.046294	-120.410443	Tuolumne
37.987612	-120.384642	Tuolumne
37.98482	-120.37893	Tuolumne
37.99183	-120.40181	Tuolumne
37.988486	-120.38192	Tuolumne
38.046294	-120.410443	Tuolumne
37.991139	-120.403614	Tuolumne
37.985842	-120.380076	Tuolumne
37.987818	-120.38444	Tuolumne
37.978144	-120.339998	Tuolumne
37.988946	-120.37889	Tuolumne
37.977144	-120.388691	Tuolumne
37.985806	-120.386214	Tuolumne
37.987105	-120.389617	Tuolumne
37.976061	-120.388245	Tuolumne
37.97712827	-120.3870249	Tuolumne
37.978538	-120.380179	Tuolumne
37.985894	-120.384748	Tuolumne

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Side yard of this address

Man hole side of road

Plug in mainline corner of W.Willow Springs Dr and Caylor Dr.

back of property on easement
In back of #185, mainline c/o
across from Valparaiso on Parrotts Ferry Rd. 10' off rd in dirt

ovrflow from lateral c/o into landscape.
spill ran along unpaved roadside

main line clean out.

side of road unpaved

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

c/o in front of address

c/o next to the road
c/o in street
c/o in gutter
c/o on property
c/o
c/o in street
c/o in street
Pipe line leak
Clean Out
Clean out

mainline clean/out
c/o in dirt next to street

m/l c/o in backyard

mainline c/o
c/o in street

c/o at end of line
c/o at property line
c/o on side of street
clean out in yard
c/o
c/o box in street

c/o at property line

clean out

c/o on back of property
c/o
c/o in street

clean out on side of street

clean out in lawn
clean out in street

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

Spill went to a storm drain, can not be absolutely certain if it made it to the creek-no maps of storm drain system

Approx 200 gallons of the 2000 gallons reached wet drainage and then down stormdrain pipe and into surface water.

dirt area around manhole
gravel/dirt area and patio in backyard
driveway and dirt area in backyard
seasonal drainage in backyard
entered storm drain but was fully captured

dirt alongside of road

lawn

gutter along side of street

6/25/2008 13:40	6/25/2008 13:40	6/25/2008 14:00	6/25/2008 14:10
7/19/2008 18:10	7/19/2008 18:10	7/19/2008 18:40	7/19/2008 19:55
7/28/2008 8:25	7/28/2008 8:25	7/28/2008 8:30	7/28/2008 8:45
7/26/2008 12:05	7/26/2008 12:05	7/26/2008 12:45	7/26/2008 13:20
8/11/2008 7:45	8/11/2008 7:45	8/11/2008 8:00	8/11/2008 8:30
8/13/2008 20:04	8/13/2008 20:04	8/13/2008 21:00	8/13/2008 21:30
8/27/2008 11:10	8/27/2008 11:10	8/27/2008 11:25	7/27/2008 11:45
9/7/2008 20:59	9/7/2008 20:59	9/7/2008 21:16	9/7/2008 21:45
9/10/2008 8:00	9/12/2008 7:47	9/12/2008 8:15	9/12/2008 8:25
9/16/2008 12:10	9/16/2008 12:00	9/16/2008 12:10	9/16/2008 15:20
10/3/2008 16:00	10/3/2008 16:00	10/3/2008 16:20	10/3/2008 17:15
9/30/2008 11:15	9/30/2008 11:15	9/30/2008 11:30	9/30/2008 12:00
11/1/2008 16:12	11/1/2008 17:12	11/1/2008 17:50	11/1/2008 18:40
11/4/2008 10:30	11/4/2008 10:35	11/4/2008 10:50	11/4/2008 11:50
12/28/2008 15:00	12/28/2008 15:15	12/28/2008 15:40	12/28/2008 17:15
12/30/2008 9:46	12/30/2008 9:46	12/30/2008 10:05	12/30/2008 10:25
1/7/2009 16:00	1/7/2009 16:00	1/7/2009 16:30	1/7/2009 17:40
1/6/2009 19:35	1/6/2009 19:35	1/6/2009 20:15	1/6/2009 20:30
1/7/2009 10:25	1/7/2009 10:25	1/7/2009 11:00	1/7/2009 11:25
1/20/2009 8:30	1/20/2009 8:30	1/20/2009 9:10	1/20/2009 9:30
1/26/2009 9:50	1/26/2009 9:50	1/26/2009 10:20	1/26/2009 11:50
2/8/2009 14:30	2/8/2009 14:30	2/8/2009 14:45	2/8/2009 15:15
2/10/2009 10:45	2/10/2009 10:45	2/10/2009 11:00	2/10/2009 11:00
2/10/2009 19:35	2/10/2009 19:35	2/10/2009 20:30	2/10/2009 21:00
2/19/2009 7:40	2/19/2009 7:40	2/19/2009 7:50	2/19/2009 8:00
3/30/2009 19:25	3/30/2009 19:25	3/30/2009 19:50	3/30/2009 21:25
4/16/2009 17:10	4/16/2009 17:10	4/16/2009 17:25	4/16/2009 18:10
4/17/2009 15:45	4/17/2009 16:00	4/17/2009 16:15	4/17/2009 16:15
4/25/2009 11:50	4/25/2009 11:50	4/25/2009 14:05	4/25/2009 14:20
4/29/2009 14:25	4/29/2009 14:25	4/29/2009 14:30	4/29/2009 14:45
5/11/2009 5:11	5/11/2009 6:07	5/11/2009 6:20	5/11/2009 7:20
5/10/2009 12:20	5/10/2009 12:20	5/10/2009 13:00	5/10/2009 19:00
5/31/2009 11:26	5/31/2009 11:26	5/31/2009 12:00	5/31/2009 13:00
6/2/2009 5:50	6/2/2009 12:50	6/2/2009 12:55	6/2/2009 13:05
6/10/2009 4:30	6/10/2009 4:30	6/10/2009 5:10	6/10/2009 6:00
6/9/2009 13:15	6/9/2009 13:15	6/9/2009 13:30	6/9/2009 14:00
6/17/2009 19:05	6/17/2009 19:05	6/17/2009 19:35	6/17/2009 23:00
6/25/2009 19:40	6/25/2009 19:40	6/25/2009 20:00	6/25/2009 20:18
6/27/2009 10:30	6/27/2009 10:30	6/27/2009 11:00	6/28/2009 0:00
8/4/2009 10:20	8/4/2009 10:20	8/4/2009 10:30	8/4/2009 10:50
8/7/2009 18:30	8/7/2009 18:53	8/7/2009 19:10	8/7/2009 18:30
8/14/2009 8:00	8/14/2009 16:42	8/14/2009 16:50	8/14/2009 17:15
8/17/2009 10:45	8/17/2009 10:45	8/17/2009 10:45	8/17/2009 10:55
8/19/2009 18:30	8/19/2009 18:30	8/19/2009 18:52	8/19/2009 18:52
9/16/2009 12:30	9/16/2009 12:30	9/16/2009 13:00	9/16/2009 13:20
9/18/2009 18:00	9/18/2009 18:30	9/18/2009 18:49	9/18/2009 19:10
9/23/2009 12:15	9/23/2009 12:15	9/23/2009 12:30	9/23/2009 12:50
10/2/2009 7:30	10/2/2009 7:30	10/2/2009 7:45	10/2/2009 8:35
10/3/2009 10:42	10/3/2009 10:42	10/3/2009 11:20	10/3/2009 11:30
10/31/2009 12:00	11/2/2009 15:50	11/2/2009 18:30	11/2/2009 18:40
11/17/2009 8:30	11/17/2009 8:30	11/17/2009 8:40	11/17/2009 9:10
11/17/2009 12:10	11/17/2009 12:10	11/17/2009 12:25	11/17/2009 14:30
11/22/2009 12:35	11/22/2009 12:35	11/22/2009 12:50	11/22/2009 13:45
12/13/2009 14:30	12/13/2009 14:30	12/13/2009 14:25	12/13/2009 15:15
12/14/2009 14:00	12/14/2009 14:00	12/14/2009 14:15	12/14/2009 14:40

Root intrusion
Root intrusion
Root intrusion
Pipe structural problem/failure
Root intrusion
Root intrusion
Other (specify below)
Other (specify below)
Root intrusion
Root intrusion
Grease deposition (FOG)
Root intrusion
Debris
Root intrusion
Root intrusion
Root intrusion
Debris
Pipe structural problem/failure
Debris
Other (specify below)
Root intrusion
Root intrusion
Grease deposition (FOG)
Root intrusion
Root intrusion
Other (specify below)
Pipe structural problem/failure
Pipe structural problem/failure
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Grease deposition (FOG)
Vandalism
Debri-General
Pipe structural problem/failure
Root intrusion
Pipe structural problem/failure
Other (specify below)
Root intrusion
Other (specify below)
Root intrusion
Pipe structural problem/failure
Root intrusion
Grease deposition (FOG)
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Debri-General
Root intrusion
Root intrusion

spill was either caused by roots or an offset
unknown

unknown blockage in line
roots or offset

Exact cause of overflow is unknown. Probable causes would be either root intrusion or offset.

steel rods in line

Can not be specific about cause. The most probable cause would be grease.

roots

Main

Main

Main
Main

Main

Main
Main
Main
Main
Main

Main
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Main

Main
Main

35 feet in line

6 VCP
6

4
4
4 ACP
4
4
4 PVC
4 Clay
6 PVC
4 clay
6 clay
6 clay
6 pvc
4 vcp
4 clay
4 plastic
6 clay
4
6
4

6 ACP
4 VCP
6
4 PVC

4 VCP

6 CI

8
4 VCP
4 clay
4 pvc
6 VCP
4 pvc

6 VCP
4 PVC
4 ACP

6
6 PVC
4 VCP
4 clay
4 VCP
6 VCP
4 VCP
4 AC

4 VCP

50
30
50
50
50
35

50
25
40

50
25

35

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);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
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;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
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);Restored flow
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);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;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
Restored flow
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);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;Restored flow;Returned all or portion of spill to sanit
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);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;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)
Cleaned-up (mitigated effects of spill)
Cleaned-up (mitigated effects of spill);Restored flow
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
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);Contained all or portion of spill;Restored flow
Cleaned-up (mitigated effects of spill)
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);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;Returned all or portion of spill to sanit
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow

6/25/2008 14:15
7/19/2008 21:15

8/11/2008 9:30

10/3/2008 18:30

11/1/2008 18:40

12/28/2008 18:40

2/11/2009 10:00

3/31/2009 14:00

5/11/2009 10:00

6/3/2009 10:00
6/10/2009 9:30

8/4/2009 12:00

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

Other (specify below)

Added sewer to preventive maintenance program;Adjusted schedule/method of preventive maintenance

Adjusted schedule/method of preventive maintenance

Added sewer to preventive maintenance program;Adjusted schedule/method of preventive maintenance

Other (specify below)

Adjusted schedule/method of preventive maintenance

Added sewer to preventive maintenance program

Other (specify below)
Other (specify below)

Added sewer to preventive maintenance program

Will camera line to check for condition. Will put on a root treatment program

A video inspection of line is planned to evaluate conditon of line to see if a repair is needed

plan to video line and repair as needed

this sso was caused by a broken c/o cover and no corrective action could have prevented this.
sso was caused by debris put in line. There is nothing we could have done or could do to prevent this.

will follow up with a video inspection

Yes
Yes

Yes

No

No

No

Yes

Yes

No

No
No

Yes

Yes
No

No

No

No

No

No

No

No

No

No
Yes

No

N/A
N/A

n/a

n/a

N/A

NA

n/a

n/a

n/a
n/a

n/a

Sonora Creek
N/A

n/a

N/A

unknown name for Creek at this time

Woods Creek

Sullivan Creek

Wood Creek

Sonora Creek
Sonora Creek

sonora creek

Other (specify below)
Not applicable to this spill

Other (specify below)

No water quality samples taken

No water quality samples taken

Biological indicator(s) - specify below

Other (specify below)

Other (specify below)

Biological indicator(s) - specify below

Biological indicator(s) - specify below
Biological indicator(s) - specify below

Biological indicator(s) - specify below

fecal and coliform

fecal, coliform, and ecoli

Bac-tee

seasonal drainage only flowing during storm events

Bacteria

fecal coliform and ecoli

fecal and coliform
fecal and coliform

fecal and total coliform

County Health Agency;Regional Water Quality Control Board
No water quality samples taken

County Health Agency;Regional Water Quality Control Board

None of the above

No water quality samples taken

County Health Agency;Regional Water Quality Control Board

None of the above

County Health Agency;Regional Water Quality Control Board

County Health Agency;Regional Water Quality Control Board

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

County Health Agency;Regional Water Quality Control Board

We have not received results of testing as of 5/13/2009

84532	6/25/2008 15:30
85296	7/19/2008 21:18
85812	8/11/2008 12:00
87900	11/3/2008 8:20
89199	12/28/2008 18:35
91167	2/10/2009 21:41
92633	3/30/2009 22:43
93578	5/11/2009 8:02
94079	6/2/2009 14:45
94246	6/10/2009 8:22
95451	8/4/2009 12:52
97389	11/2/2009 20:15

5SSO10771	Active	748076	David Boatright	Certified
5SSO10771	Active	748237	David Boatright	Certified
5SSO10771	Active	748256	David Boatright	Certified
5SSO10771	Active	749403	David Boatright	Certified
5SSO10771	Active	749430	David Boatright	Certified
5SSO10771	Active	749657	David Boatright	Certified
5SSO10771	Active	750531	David Boatright	Certified
5SSO10771	Active	751051	David Boatright	Certified
5SSO10771	Active	751424	David Boatright	Certified
5SSO10771	Active	751943	David Boatright	Certified
5SSO10771	Active	752241	David Boatright	Certified
5SSO10771	Active	752317	David Boatright	Certified
5SSO10771	Active	752340	David Boatright	Certified
5SSO10771	Active	752615	David Boatright	Certified
5SSO10771	Active	753148	David Boatright	Certified
5SSO10771	Active	753149	David Boatright	Certified
5SSO10771	Active	753312	David Boatright	Certified
5SSO10771	Active	754453	David Boatright	Certified
5SSO10771	Active	754988	David Boatright	Certified
5SSO10771	Active	756450	David Boatright	Certified
5SSO10771	Active	757302	David Boatright	Certified
5SSO10771	Active	757976	David Boatright	Certified
5SSO10771	Active	758548	David Boatright	Certified
5SSO10771	Active	758786	David Boatright	Certified
5SSO10771	Active	758947	David Boatright	Certified
5SSO10771	Active	759310	David Boatright	Certified
5SSO10771	Active	760151	David Boatright	Certified
5SSO10771	Active	761175	David Boatright	Certified
5SSO10771	Active	761342	David Boatright	Certified
5SSO10771	Active	761418	David Boatright	Certified
5SSO10771	Active	761419	David Boatright	Certified
5SSO10771	Active	762274	David Boatright	Certified
5SSO10771	Active	762513	David Boatright	Certified
5SSO10771	Active	762784	David Boatright	Certified
5SSO10771	Active	763010	David Boatright	Certified
5SSO10771	Active	763286	David Boatright	Certified
5SSO10771	Active	763923	David Boatright	Certified
5SSO10771	Active	764066	David Boatright	Certified
5SSO10771	Active	765110	David Boatright	Certified
5SSO10771	Active	765629	David Boatright	Certified
5SSO10771	Active	765758	David Boatright	Certified
5SSO10771	Active	765779	David Boatright	Certified
5SSO10771	Active	768093	David Boatright	Certified
5SSO10771	Active	771924	David Boatright	Certified
5SSO10771	Active	772085	David Boatright	Certified
5SSO10771	Active	772088	David Boatright	Certified
5SSO10771	Active	772362	David Boatright	Certified
5SSO10771	Active	772533	David Boatright	Certified
5SSO10771	Active	776812	David Boatright	Certified
5SSO10771	Active	777775	David Boatright	Certified
5SSO10771	Active	779063	David Boatright	Certified
5SSO10771	Active	779476	David Boatright	Certified
5SSO10771	Active	783261	David Boatright	Certified
5SSO10771	Active	784878	David Boatright	Certified
5SSO10771	Active	785777	David Boatright	Certified

Wastewater Superintendent
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Regional Wastewater Treatment Plant	324174
Regional Wastewater Treatment Plant	776390
Regional Wastewater Treatment Plant	428973
Regional Wastewater Treatment Plant	147341
Regional Wastewater Treatment Plant	184929
Regioal Wastewater Treatment Plant	691875
Regionalwastewater Treatment Plant	902775
Regional Wastewater Treatment Plant	178845
Regional Wastewater Treatment Plant	403509
RegionalWastewater Treatment Plant	282758
Sonora Regional Wastewater Treatment Plant	662534
Sonora Regional Wastewater Treatment Plant	314283
Sonora Regional Wastewater Treatment Plant	572343
Sonora Regional Wastewater Treatment Plant	849261
Sonora Regional Wastewater Treatment Plant	680631
Sonora Regional Wastewater Treatment Plant	422873
Sonora Regional Wastwater Treatment Plant	783062
Sonora Regional Wastewater Treatment Plant	791177
Sonora Regional Wastewater Treatment Plant	112742
Sonora Regional Wastewater Treatment Plant	522745
Sonora Regional Wastewater Treatment Plant	933213
Sonora Regional Wastewater Treatment Plant	655408
Sonora Regional Wastewater Treatment Plant	217567
Sonora Regional Wastewater Treatment Plant	179256
Sonora Regional Wastewater Treatment Plant	295838
Sonora Regional Wastewater Treatment Plant	564248
Sonora Regional Wastewater Treatment Plant	330375
Sonora Regional Wastewater Treatment Plant	711451
Sonora Regional Wastewater Treatment Plant	578842
Sonora Regional Wastewater Treatment Plant	616463
Sonora Regional Wastewater Treatment Plant	477573
Sonora Regional Wastewater Treatment Plant	978015
Sonora Regional wastewater Treatment Plant	359448
Sonora Regional Wastewater Treatment Plant	342005
Sonora Regional Wastewater Treatment Plant	802550
Sonora Regional Wastewater Treatment Plant	467505
Sonora Regional Wastewater Treatment Plant	356018
Sonora RegionalWastewater Treatment Plant	567316
Sonora Regional Wastewater Treatment Plant	921299
Sonora Regional Wastewater Treatment Plant	768411
Sonora Regional Wastewater Treatment Plant	643830
Sonora Regional Wastewater Treatment Plant	923740
Sonora Regional Wastewater Treatment Plant	777716
Sonora Regional Wastewater Treatment Plant	462054
TUD Main Office	438302
TUD Main Office	779850
Sonora Regional Wastewater Treatment Plant	113602
Sonora Regional Wastewater Treatment Plant	918218
Sonora Regional Wastewater Treatment Plant	662805
Sonora Regional Wastewater Treatment Plant	476107
Sonora Regional Wastewater Treatment Plant	191156
Sonora Regional Wastewater Treatment Plant	307660
Sonora Regional Wastewater Treatment Plant	593652
TUD Main Office	900726
Sonora Regional Wastewater Treatment Plant	887337

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

Category 3	128	20
Category 3	250	125
Category 3	25	0
Category 3	15	5
Category 1	150	30
Category 3	200	200
Category 3	50	25
Category 3	100	50
Category 3	20	20
Category 3	150	75
Category 3	120	60
Category 3	15	10
Category 3	100	50
Category 3	20	1
Category 3	700	300
Category 3	700	300
Category 3	820	820
Category 3	40	0
Category 3	100	100
Category 1	265	100
Category 3	250	250
Category 3	30	30
Category 3	60	0
Category 3	50	40
Category 3	60	50
Category 3	30	30
Category 3	15	15
Category 3	15	5
Category 1	75	20
Category 3	30	0
Category 3	1	1
Category 3	60	45
Category 1	350	300
Category 3	50	40
Category 3	300	200
Category 1	700	50
Category 1	750	500
Category 3	15	0
Category 3	20	20
Category 1	150	125
Category 1	52500	4900
Category 3	175	175
Category 2	40000	600
Category 1	200	60
Category 3	50	50
Category 3	70	70
Category 3	30	25
Category 1	200	60
Category 1	50	45
Category 3	50	50
Category 1	3200	700
Category 3	20	20
Category 3	5	0
Category 1	65	0
Category 1	1500	1000

0	No	No
0	No	No
0	No	No
0	No	No
120	Yes	No
0	No	No
0	No	No
0	No	No
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0	No	No
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0	No	No
0	No	Yes
0	No	No
0	No	Yes
165	Yes	No
0	No	Yes
0	No	Yes
0	No	No
0	No	No
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0	No	No
0	No	No
55	Yes	Yes
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0	No	No
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50	Yes	No
0	No	No
0	No	No
650	Yes	Yes
250	Yes	No
0	No	No
0	No	Yes
25	Yes	Yes
47600	Yes	No
0	No	Yes
0	No	No
50	Yes	Yes
0	No	Yes
0	No	Yes
0	No	No
75	Yes	No
5	Yes	No
0	No	Yes
2500	Yes	No
0	No	No
0	No	No
65	Yes	Yes
500	Yes	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
Yes
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 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
No
Not Applicable - Spill did not reach a separate storm drainpipe

main line behind house
back corner of property
Stewart and Wall
Washington and Wyckoff
Longeway and Middlecamp
Eureka and E Walnut
Belmont and Johnny
manhole in street
57 S Shepherd St. in front of door
Hope and Oakside
backyard clean out
clean out in Ivy
Hillcrest and Palemone
clean out next to street
Mc Cormick easement
Mc Cormick easement
backyard of property
clean out in yard
clean out behind shop
Sonora High School pool pump house
Columbia
Lori ln manhole in street
side of Palemone St
Backyard of address
Stewart and Lyons St
backyard of property
clean out in street, corner of Norlin and Yaney
clean in back of 121 Brookside
Intersection of N Washington and School St
Corner of Yaney and Ash
clean out in lawn of 509 Stewart St
landscape area between Elkin and Shepherd
drainage channel next to house
manhole in backyard above house
easement below house
Parking lot next to Kragen
Old Sonora-Columbia Rd and Hwy 49
Corner of Jackson St and Ash St
G5 cleanout in front of address
manhole in backyard
drainage starting at 20525 Quail Hollow Ct
Yosemite Title
Twain Harte easement
intersection of Lyons St and Short St
c/o in street in front of 435 S Shepherd st
c/o in front of address
clean out at side of house
clean out in back yard of 67 Linoberg St
130 Stockton st- Sonora Creek
clean out in front of 509 s shepherd st
m/h in backyard of address
clean out in front yard
300 Summit Ave, G5 on side of street
Woods Creek at Snell St bridge
College interceptor line at Old-Sonora Columbia Way

37.981598	-120.383348	Tuolumne
37.974667	-120.326399	Tuolumne
37.990591	-120.38315	Tuolumne
37.987742	-120.384433	Tuolumne
38.044869	-120.224191	Tuolumne
37.992843	-120.402257	Tuolumne
37.992757	-120.407454	Tuolumne
38.03518	-120.403829	Tuolumne
37.9851272	-120.3816629	Tuolumne
37.990616	-120.378094	Tuolumne
37.9897266	-120.3826707	Tuolumne
37.986354	-120.379723	Tuolumne
37.987572	-120.37982	Tuolumne
37.9797439	-120.379595	Tuolumne
37.9951291	-120.3865637	Tuolumne
37.9951291	-120.3865637	Tuolumne
37.97422	-120.326222	Tuolumne
38.0362967	-120.409178	Tuolumne
37.995569	-120.267545	Tuolumne
37.9892322	-120.3856377	Tuolumne
38.049243	-120.413664	Tuolumne
37.996499	-120.320814	Tuolumne
37.987276	-120.380021	Tuolumne
37.993212	-120.402496	Tuolumne
37.984521	-120.38171	Tuolumne
37.9809539	-120.379704	Tuolumne
37.985182	-120.385052	Tuolumne
37.985239	-120.38059	Tuolumne
37.9896508	-120.3845522	Tuolumne
37.983126	-120.388374	Tuolumne
37.9785082	-120.3799853	Tuolumne
37.987658	-120.383448	Tuolumne
37.998713	-120.402912	Tuolumne
37.987971	-120.374932	Tuolumne
38.00718	-120.257692	Tuolumne
37.9766564	-120.3799747	Tuolumne
38.008902	-120.389349	Tuolumne
37.982839	-120.388472	Tuolumne
37.976507	-120.381621	Tuolumne
37.989191	-120.376216	Tuolumne
37.995108	-120.404094	Tuolumne
37.9825013	-120.3819117	Tuolumne
38.029038	-120.256341	Tuolumne
37.986468	-120.37962	Tuolumne
37.97974	-120.379598	Tuolumne
37.9816931	-120.3798371	Tuolumne
37.983584	-120.383548	Tuolumne
37.983584	-120.383548	Tuolumne
37.9833519	-120.384221	Tuolumne
37.978858	-120.379121	Tuolumne
38.01406	-120.289423	Tuolumne
37.994299	-120.403552	Tuolumne
37.989278	-120.380102	Tuolumne
37.988346	-120.387776	Tuolumne
38.00833	-120.38733	Tuolumne

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Parking lot next to street

street in front of address

Spill was contained in a dry season drainage

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

clean out on south side of property
clean out on back corner of property

clean out on side of house
clean out at property line

cleanout in neighbors front yard

clean out in front of door
cleanout at back of property
clean out in backyard
clean out in backyard
clean out in street
clean out

clean out in yard
most of the sewage spilled from a clean out behind the shop. A small amount leaked out of a manhole upstream

appeared from a crack in the street

clean out at back side of property
clean out
clean out behind house

Sewer was surfacing from the street and was originally called in as a water leak
clean out in lawn
clean out
clean out in drainage channel

clean out

clean out in front yard
clean out on side of street
SD under bridge

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

sidewalk

drainage channel that runs between houses. We found the ending point of the spill and cleaned from there.

creek drainage and roadway

Sonora Creek

Woods Creek

1/3/2010 16:26	1/3/2010 16:26	1/3/2010 17:05	1/3/2010 17:30
1/7/2010 12:00	1/7/2010 12:30	1/7/2010 12:40	1/7/2010 13:30
1/9/2010 11:20	1/9/2010 11:20	1/9/2010 11:40	1/9/2010 13:00
2/15/2010 17:00	2/16/2010 7:45	2/16/2010 8:50	2/16/2010 8:50
2/17/2010 12:00	2/17/2010 16:47	2/17/2010 17:00	2/17/2010 18:50
2/20/2010 10:00	2/20/2010 12:09	2/20/2010 12:20	2/20/2010 13:00
3/11/2010 20:30	3/11/2010 20:30	3/11/2010 20:40	3/11/2010 21:45
3/26/2010 6:25	3/26/2010 6:25	3/26/2010 6:50	3/26/2010 7:50
4/8/2010 9:10	4/8/2010 9:10	4/8/2010 9:20	4/8/2010 9:40
4/24/2010 13:40	4/24/2010 13:40	4/24/2010 13:55	4/24/2010 17:45
5/5/2010 14:00	5/5/2010 14:00	5/5/2010 14:30	5/5/2010 16:00
5/9/2010 13:00	5/9/2010 13:06	5/9/2010 13:26	5/9/2010 14:28
5/12/2010 12:23	5/12/2010 12:23	5/12/2010 12:35	5/12/2010 12:35
5/18/2010 10:00	5/18/2010 10:00	5/18/2010 10:20	5/18/2010 10:35
6/5/2010 0:00	6/5/2010 15:30	6/5/2010 16:30	6/5/2010 17:30
6/5/2010 0:00	6/5/2010 15:30	6/5/2010 16:30	6/5/2010 17:30
6/6/2010 0:00	6/8/2010 9:00	6/8/2010 9:30	6/8/2010 11:00
7/6/2010 0:00	7/6/2010 13:35	7/6/2010 13:50	7/6/2010 14:45
7/13/2010 0:00	7/14/2010 8:06	7/14/2010 8:30	7/14/2010 9:00
8/26/2010 0:00	8/26/2010 8:22	8/26/2010 8:40	8/26/2010 9:00
9/30/2010 0:00	9/30/2010 13:00	9/30/2010 13:50	9/30/2010 14:30
10/19/2010 0:00	10/19/2010 17:30	10/19/2010 17:40	10/19/2010 18:20
11/13/2010 0:00	11/13/2010 10:00	11/13/2010 10:15	11/13/2010 11:00
11/17/2010 0:00	11/17/2010 12:20	11/17/2010 12:30	11/17/2010 12:45
11/25/2010 0:00	11/25/2010 10:15	11/25/2010 10:38	11/25/2010 10:50
12/6/2010 0:00	12/6/2010 15:00	12/6/2010 15:00	12/6/2010 15:00
12/30/2010 0:00	12/30/2010 14:30	12/30/2010 14:35	12/30/2010 14:50
1/12/2011 0:00	1/12/2011 12:45	1/12/2011 13:05	1/12/2011 12:00
1/17/2011 0:00	1/17/2011 11:30	1/17/2011 11:50	1/17/2011 11:50
1/18/2011 0:00	1/19/2011 9:00	1/19/2011 9:10	1/19/2011 9:40
1/18/2011 0:00	1/18/2011 12:30	1/18/2011 12:40	1/18/2011 12:40
1/29/2011 0:00	1/29/2011 13:55	1/29/2011 14:20	1/29/2011 16:20
1/31/2011 0:00	2/5/2011 15:58	2/5/2011 16:45	2/5/2011 18:00
2/9/2011 0:00	2/9/2011 13:55	2/9/2011 14:05	2/9/2011 14:30
2/12/2011 0:00	2/14/2011 10:45	2/14/2011 10:45	2/14/2011 12:15
2/17/2011 0:00	2/17/2011 12:45	2/17/2011 12:55	2/17/2011 13:30
2/28/2011 0:00	2/28/2011 19:54	2/28/2011 20:10	2/28/2011 21:00
3/4/2011 0:00	3/4/2011 15:12	3/4/2011 15:20	3/4/2011 15:30
4/4/2011 0:00	4/4/2011 9:00	4/4/2011 9:10	4/4/2011 9:30
4/19/2011 0:00	4/19/2011 9:45	4/19/2011 9:50	4/19/2011 12:00
4/17/2011 12:00	4/24/2011 10:30	4/24/2011 11:00	4/24/2011 12:00
4/22/2011 0:00	4/22/2011 10:30	4/22/2011 11:20	4/22/2011 11:30
7/1/2011 0:00	7/1/2011 11:30	7/1/2011 12:15	7/1/2011 13:05
10/11/2011 0:00	10/11/2011 6:10	10/11/2011 6:35	10/11/2011 7:15
10/13/2011 9:00	10/13/2011 9:00	10/13/2011 9:20	10/13/2011 10:00
10/14/2011 12:15	10/14/2011 12:15	10/14/2011 12:30	10/14/2011 12:45
10/21/2011 15:28	10/21/2011 15:28	10/21/2011 15:40	10/21/2011 16:08
10/29/2011 0:00	10/29/2011 9:00	10/29/2011 10:15	10/29/2011 10:20
2/2/2012 0:00	2/2/2012 13:00	2/2/2012 13:00	2/2/2012 13:30
2/19/2012 20:44	2/19/2012 20:44	2/19/2012 21:30	2/19/2012 20:44
3/23/2012 0:00	3/23/2012 10:30	3/23/2012 11:00	3/23/2012 11:10
4/1/2012 12:00	4/3/2012 10:15	4/3/2012 10:30	4/3/2012 11:00
7/5/2012 19:30	7/5/2012 19:40	7/5/2012 19:55	7/5/2012 20:20
8/8/2012 0:00	8/8/2012 13:15	8/8/2012 13:15	8/8/2012 15:30
8/23/2012 0:00	8/30/2012 12:50	8/30/2012 12:50	8/30/2012 13:45

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

possible belly in l ine

There was no definite cause found. However, there was a clean out cap recovered when the line was unplugged that pos

toys and part of a meter box were lodged in main line

unknown. Will follow up with a video inspection to determine cause
several diapers were found in line after it was unplugged
We will need to video line to determine exact cause

blockage at invert of pipe
cast iron pipe rotted out

line was not plugged upon arrival. Used Vac Con to clean line and did not hit anything

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6 ACP

6 PVC
10 ACP
4 ACP
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6 VCP
6 VCP

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4 PVC
6 PVC
6 VCP
6 pvc
6 PVC
6 VCP
4 ACP
8
4 VCP
4 VCP

6 VCP

5 VCP

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6 DI
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4 VCP
6 CI
6 VCP
12 VCP
6 VCP

6 VCP

6 VCP

6 PVC
4 ACP

6 VCP
8 ACP

25

30

47

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

repaired pipe

2/17/2010 16:50

8/27/2010 11:00

1/17/2011 13:30

2/5/2011 0:00

2/17/2011 13:30
3/1/2011 13:00

4/20/2011 14:00
4/25/2011 13:00

7/7/2011 17:00
10/11/2011 9:00

10/29/2011 11:00
2/2/2012 15:00

3/23/2012 13:45

8/9/2012 14:00
9/4/2012 0:00

Added sewer to preventive maintenance program

Other (specify below)

Adjusted schedule/method of preventive maintenance

Added sewer to preventive maintenance program

Enforcement action against FOG source
Plan rehabilitation or replacement of sewer;Repaired sewer

Adjusted schedule/method of preventive maintenance
Repaired sewer

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

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

Adjusted schedule/method of preventive maintenance

Repaired sewer
Other (specify below)

will video inspect to find out condition and cause

We are planning to talk to the source of the FOG

will start a camera investigation to determine condition of line

will also camera to find out problem

will camera to determine best possible solution

No

Yes

No

Yes

No
Yes

Yes
No

Yes
No

Yes
Yes

Yes

Yes
Yes

n/a

No

No

No

No

No
No

No
No

No
No

No
Yes

Yes

No
No

N/A

N/A

n/a

surface water to Sullivan Creek

Woods Creek
unknown
N/A

N/A
Spill did not reach any surface water
Spill did not reach surface water
spill did not reach surface water
Woods Creek
spill did not reach surface water
spill did not reach surface water
spill did not reach surface water
spill did not reach surface water
spill did not reach surface water
spill did not reach surface water
Sonora Creek
Woods Creek
spill did not reach surface water
spill did not reach surface water
Sonora Creek
spill did not reach surface water
spill did not reach surface water
NO SURFACE WATERS AFFECTED
Sonora Creek
did not reach surface water
did not reach surface water
spill did not reach surface water
Sonora Creek
Sonora Creek
spill did reach surface water
Sullivan Creek
spill did not reach surface water
spill did not reach surface water
Woods Creek
spill did not reach surface water

Biological indicator(s) - specify below

Biological indicator(s) - specify below

Biological indicator(s) - specify below

Not applicable to this spill

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
Biological indicator(s) - specify below

Biological indicator(s) - specify below
Biological indicator(s) - specify below

Biological indicator(s) - specify below

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

ecoli, fecal matter, coliform

fecal, coliform

Fecal, coliform

Fecal, coliform

fecal and coliform

fecal and coliform
fecal and total coliform

total fecal and coliform

fecal,coliform,ecoli

County Health Agency;Regional Water Quality Control Board

County Health Agency;Regional Water Quality Control Board

County Health Agency;Regional Water Quality Control Board

Not applicable to this spill

No water quality samples taken
No water quality samples taken

Regional Water Quality Control Board
No water quality samples taken

No water quality samples taken
County Health Agency

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

County Health Agency;Regional Water Quality Control Board

County Health Agency;Regional Water Quality Control Board
No water quality samples taken

results will be sent when returned to us

will report to health department when results are returned to us
will report results when they are obtained

will report when samples are in

101250	2/17/2010 17:45
105123	8/26/2010 9:28
110305	1/17/2011 12:35
110728	2/5/2011 16:15
111003	2/18/2011 12:45
111256	3/1/2011 14:20
112475	4/19/2011 15:15
112509	4/25/2011 13:45
113957	7/1/2011 12:30
116055	10/11/2011 10:30
116464	10/29/2011 10:50
120677	2/2/2012 15:00
121721	3/23/2012 12:50
124651	8/8/2012 19:00
125214	8/30/2012 18:00

5SSO10771	Active	787955	David Boatright	Certified
5SSO10771	Active	788341	David Boatright	Certified
5SSO10771	Active	788343	David Boatright	Certified
5SSO10771	Active	788667	David Boatright	Certified
5SSO10771	Active	789261	David Boatright	Certified
5SSO10771	Active	790026	David Boatright	Certified
5SSO10771	Active	791361	David Boatright	Certified
5SSO10771	Active	792658	David Boatright	Certified
5SSO10771	Active	793306	David Boatright	Certified
5SSO10771	Active	796872	David Boatright	Certified
5SSO10771	Active	798077	David Boatright	Certified
5SSO10771	Active	800725		Ready To Certify
5SSO10772	Active	705322	Mikeal T. Stacher	Certified
5SSO10772	Active	733461	Scot A. Moody	Certified
5SSO10772	Active	775256	smoody	Certified
5SSO10772	Active	779921	smoody	Certified
5SSO10772	Active	781669	smoody	Certified
5SSO10772	Active	782530	scot Moody	Certified
5SSO10772	Active	786113	smoody	Certified
5SSO10772	Active	789424	Robert Perry	Certified
5SSO10772	Active	791538	scot Moody	Certified
5SSO10772	Active	793028	scot Moody	Certified
5SSO10772	Active	795404	Robert Perry	Certified
5SSO10772	Active	796340	Robert Perry	Certified
5SSO10774	Active	737934	Don L Neubacher	Certified
5SSO10774	Active	757665	Don L Neubacher	Certified
5SSO10774	Active	757666	Don L Neubacher	Certified
5SSO10774	Active	757670	Don L Neubacher	Certified
5SSO10774	Active	757803	Don L Nuebacher	Certified
5SSO10774	Active	757806	Don L Neubacher	Certified
5SSO10774	Active	757808	Don L Neubacher	Certified
5SSO10774	Active	757814	Don L Neubacher	Certified
5SSO10774	Active	757822	Don L Neubacher	Certified
5SSO10774	Active	757824	Don L Neubacher	Certified
5SSO10774	Active	757827	Don L Neubacher	Certified
5SSO10774	Active	757829	Don L Neubacher	Certified
5SSO10774	Active	757833	Don L Neubacher	Certified
5SSO10774	Active	757835	Don L Neubacher	Certified
5SSO10774	Active	757837	Don L Neubacher	Certified
5SSO10774	Active	757840	Don L Neubacher	Certified
5SSO10774	Active	758360	Don L. Neubacher	Certified
5SSO10774	Active	758900	Don L. Neubacher	Certified
5SSO10774	Active	758901	Don L. Neubacher	Certified
5SSO10774	Active	765582	Don L. Neubacher	Certified
5SSO10774	Active	782482	Don L. Neubacher	Certified
5SSO10774	Active	788731	Don L. Neubacher	Certified
5SSO10774	Active	792190	Don L. Neubacher	Certified
5SSO10774	Active	798141	Don L. Neubacher	Certified
5SSO10774	Active	799781	Don L. Neubacher	Certified
5SSO10775	Active	710966	doug barnes	Certified
5SSO10775	Active	718945	Bob Sweeny	Certified
5SSO10775	Active	719763	Bob Sweeny	Certified
5SSO10775	Active	722576	Bob Sweeny	Certified
5SSO10775	Active	723197	Bob Sweeny	Certified
5SSO10775	Active	725003	Bob Sweeny	Certified

Wastewater Superintendent
Wastewater Superintendent
Wastewater Superindent
Wastewater Superintendent
Wastewater Superintendent
Wastewater Superintendent
Wastewater Superintendent
Wastewater Superintendent
Wastewater Superintendent
Wastewater Superintendent
Wastewater Superintendent

General Manager
General Manager
General Manager
GM
General Manager
General Manager
GM
Operations Manager
GM
GM
Operations Manager
Operations Manager
Superintendant
Superintendant
Superintendant
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Superintendant

7/1/2008

Superintendant
Superintendant
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Superintendent
Superintendent
Superintendent
Superintendent
Superintendent
Superintendent
Superintendent
Chief Engineer
Correctional Plant Manager I
Correctional Plant Manager
Correctional Plant Manager I
Correctional Plant Manager
Correctional Plant Manager I

Sonora regional Wastewater Treatment Plant		222096
Sonora Regional Wastewater Treatment Plat		920185
Sonora Regional Wastewater Treatment Plant		368412
Sonora Regional Wastewater Treatment Plant		757492
Sonora Regional Wastewater Treatment Plant		226046
Sonora Regional Wastewater Treatment Plant		180423
Sonora Regional Wastewater Treatment Plant		594169
Sonora Regional Wastewater Treatment Plant		100767
TUD Main Office		369266
Sonora Regional Wastewater Treatment Plant		718363
Sonora Regional Wastewater treatment Plant		376596
Twain Harte		533840
	1015	341543
	835	288343
	1049	294113
	1125	813958
	1130	707217
	805	319117
Twain Harte, Ca		516676
	845	320674
	1542	770116
Twain Harte CA		498675
Twain Harte Ca		561051
	1025	123973
	946	207838
	939	274964
	944	205147
	933	685944
	835	872270
	832	522720
	830	980669
	829	590211
	824	778019
	822	973797
	819	462451
	816	465610
	814	852351
	810	509502
	802	345191
Yosemite		371279
Yosemite		891983
Yosemite		627703
	1057	808250
Yosemite National Park		869611
Yosemite National Park		568566
Yosemite National Park		583773
Yosemite National Park		470617
Yosemite National Park		588368
wasco		117459
plant operation building 502		656149
Plant Operation Building 502		313006
Wasco State Prison, Plant Operation		808691
Wasco State Prison Plant operation		816887
Wasco State Prison Plant operation		568515

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

Category 1		140	120
Category 3		50	50
Category 3		50	5
Category 3		85	10
Category 3		400	300
Category 1		30	0
Category 3		20	0
Category 3		20	20
Category 1		300	250
Category 3		70	0
Category 3		400	300
Category 3	40	40	35
Category 3		203	
Category 1		6000	0
Category 3		100	0
Category 3		360	150
Category 3		150	0
Category 1		2500	0
Category 3		176	0
Category 3		50	0
Category 3		50	0
Category 3		150	150
Category 3		100	100
Category 3		75	0
Category 2		1500	500
Category 3		50	0
Category 3		15	0
Category 3		100	0
Category 3		650	0
Category 3		400	0
Category 3		150	0
Category 3		300	0
Category 3		100	0
Category 3		100	0
Category 3		500	0
Category 3		700	0
Category 3		500	0
Category 3		500	0
Category 3		250	0
Category 3		450	0
Category 2		1744	500
Category 3		370	40
Category 3		200	200
Category 2		1300	1000
Category 3		300	0
Category 3		100	0
Category 3		10	10
Category 3	15	15	0
Category 3	100	100	95
Category 3		5	0
Category 3		50	45
Category 3		5	0
Category 3		8	3
Category 3		40	0
Category 3		10	0

20	Yes	Yes
0	No	Yes
0	No	No
0	No	No
0	No	No
5	Yes	Yes
0	No	No
0	No	Yes
50	Yes	No
0	No	No
0	No	No
0	No	No
	No	No
6000	Yes	Yes
0	No	No
0	No	No
0	No	No
2500	Yes	Yes
0	No	No
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0	No	No
0	No	No
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0	No	No
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ED_006495_00001076-12966

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
No
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Not Applicable - Spill did not reach storm drainpipe

clean out at back side of county jail
clean out box in street in front of address
clean out in street
m/h in street in front of address
manhole at back corner of property
c/o in street
MH on side of address
clean out in middle of Ash St
Easement below 305 Bonanza Rd
manhole at end of building
manhole in backyard of 677 E Oakside dr
mainline cleanout on hillside of Jackson St
22766 Fueller Drive
SP#37 18281 Lakeview Dr/Golf Club Dr
lamp hole #67
Placer street spill
Spruce Dr Spill
Golf Club Dr
Sewer easment next to 23241 Oakview dr
Gables Inn
Mountian Dr
Cedar Pines Sewer Bench
Lamphole at Eproson Park on Meadow Dr
Golf Club Dr and Sonora Dr
Manhole P3B above Lower Pines Lift Station
VAU In Front of Ansel Adams Building
VAU North Pines Campground MH 14
VAU Wellness Center Building
VAU North Pines Campground HM 12 & 13
VAU North Pines Camp Ground
VAU Camp 4 MH 1
VAU Ahwahnee Hotel 9005 Ahwahnee Drive
VAU South of Visitor Center MN C-10
VAU 900 Cedar Court MH D22
VAU 9000 Cedar Court MH22 By Res# 58 and 59
VAU C Line, MH C6 adn C7
VAU 9036 Tecoya Road K Line MH 163
VAU 9036 Tecoya Road K Line MH 163
VAU Happy Isles Snack Shack
VAU North Pines Campground Site 307
VAU Ahwahnee Dr. - Manhole N22
VAU Clean-out by MH N20, located by Ahwahnee Dorm
VAU Line leading to HM N21 by Ahwahnee Hotel
North Pines Campground, MH I 31
House Keeping MH H12
Yosemite Valley, MH K2
YOSE Valley Cedar Ct
Yosemite Valley, Cedar Court
VAU MH K2 In Front of DNC Garage
Facility B building 4
Facility-B Building 4
Retherm kitchen
Facility H-5 Wasco State Prison
Wasco State Prison Facility A-4
Retherm Kitchen

37.984626	-120.38575	Tuolumne
37.984765	-120.378829	Tuolumne
37.987456	-120.379343	Tuolumne
37.990532	-120.3829	Tuolumne
37.992911	-120.402215	Tuolumne
37.981996	-120.388248	Tuolumne
37.981171	-120.379623	Tuolumne
37.98328	-120.388718	Tuolumne
37.985243	-120.38963	Tuolumne
37.976513	-120.327157	Tuolumne
37.988175	-120.373847	Tuolumne
37.986473	-120.381352	Tuolumne
38.033372	120.233428	Tuolumne
38.018889	120.234167	Tuolumne
38.033333	-120.216667	Tuolumne
38.050186	-120.383462	Tuolumne
38.01951	-120.1388	Tuolumne
38.02117	-120.1402	Tuolumne
38.02622	-120.13664	Tuolumne
38.01914	-120.14157	Tuolumne
38.02694	-120.13721	Tuolumne
38.01587	-120.13396	Tuolumne
38.02144	-120.135548	Tuolumne
38.0151	-120.14345	Tuolumne
37.737339	-119.559603	Mariposa
37.74705	-119.59021	Mariposa
37.736716	-119.557483	Mariposa
37.736716	-119.557483	Mariposa
37.736716	-119.557483	Mariposa
37.736716	-119.557483	Mariposa
37.745936	-119.574323	Mariposa
37.746402	-119.574632	Mariposa
37.748511	-119.587026	Mariposa
37.747796	-119.590422	Mariposa
37.747796	-119.590422	Mariposa
37.74831	-119.585166	Mariposa
37.74632	-119.583561	Mariposa
37.74632	-119.586531	Mariposa
37.730115	-119.558196	Mariposa
37.736716	-119.557483	Mariposa
37.74704	-119.57442	Mariposa
37.746159	-119.575565	Mariposa
37.745336	-119.575359	Mariposa
37.736716	-119.55748	Mariposa
37.742727	-119.580186	Mariposa
37.746223	-119.583396	Mariposa
37.748134	-119.588669	Mariposa
37.748043	-119.589069	Mariposa
37.746512	-119.583437	Mariposa
35.595278	119.408889	Kern
35.595117	119.409394	Kern
35.594711	119.408869	Kern
35.595475	119.406397	Kern
35.591869	119.408172	Kern
35.594703	119.408975	Kern

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Easement below property

Lamphole #43
Manhole
lamp hole
Sewer easement to rear of stated address
Residential, flat pavement with dirt sides
Man hole on the dirt shoulder of paved road way very slight slope almost flat, 100 ft to drainage culvert and into small cre

Man hole into containment ditch

Uphill manhole used to divert wastewater flow away from construction of the new Lower Pines lift station.
Northwwest of Manhole C1 in front of the Ansel Adams building in Yosemite Valley
I line

HM 12 and 13

MH C-10 Near bus stop south of the visitor center/ansel adams gallery

K line HM 163

P Line, Yosemite Valley
I Line
Manhole N22 South of the Ahwahnee Lodge in Yosemite Valley
Medow next to the Ahwahnee Dorm, 300 feet south of the Dorm between Dorm and Man Hole N20

Man Hole Number I 31 located in North Pines Campground in Yosemite Valley, Yosemite National Park.

Facility B Building 4
Outside of the Retherm Kitchen toward building B-3 ground dirt area.

1

ek pond on glof course.

1
1

Gravity sewer
Gravity sewer
Gravity sewer
Manhole
Manhole
Other sewer system structure
Manhole
Gravity sewer
Manhole
Manhole
Gravity sewer
Gravity Mainline
Gravity sewer
Manhole
Other (specify)
Other sewer system structure
Gravity sewer;Manhole
Gravity sewer;Manhole
Manhole
Gravity sewer;Other (specify)
Manhole
Gravity sewer;Manhole
Combined sewer D.I.
Gravity sewer
Manhole
Manhole
Manhole
Pump station
Manhole
Manhole
Manhole
Building or structure
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Other sewer system structure
Manhole
Manhole
Other (specify)
Other sewer system structure
Manhole
Manhole
Manhole
Gravity sewer;Manhole
Manhole
Manhole
Building or structure
Building or structure
Building or structure
Building or structure
Building or structure
Building or structure

clean out in sidewalk

clean out

manhole
cleanout

Lamp hole
Clean out at private lateral caused by main line blockage

Lamp hole (Clean out)

Under Building

Clean-out
Sewer Line

Surface water
Unpaved surface
Other paved surface;Unpaved surface
Unpaved surface
Unpaved surface
Surface water
Other paved surface
Separate storm drain
Surface water
Other paved surface
Unpaved surface
Unpaved surface
Unpaved surface
Other (specify below)
Unpaved surface
Unpaved surface
Other paved surface;Unpaved surface
Separate storm drain;Surface water;Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Other (specify below)
Other (specify below)
Unpaved surface
Unpaved surface
Other paved surface
Other paved surface
Unpaved surface
Other paved surface;Unpaved surface
Other paved surface;Unpaved surface
Other paved surface;Surface water
Unpaved surface
Other paved surface
Other paved surface;Unpaved surface
Other paved surface;Unpaved surface
Other paved surface;Unpaved surface
Other paved surface
Other paved surface
Unpaved surface
Other paved surface;Unpaved surface
Unpaved surface
Unpaved surface
Other (specify below)
Other paved surface;Unpaved surface
Unpaved surface
Other paved surface
Unpaved surface
Other paved surface
Paved Surface
Building or structure
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface

Sonora Creek

Sonora Creek

Woods Creek

dirt area around and below manhole
dirt around cleanout
Edge of road
Twain Harte Lake by way of a creek at entrance to the lake
Dirt/pine needles/leaves
rear yard of house at clean out
Pavement with dirt sides

Containment Ditch
Catch Basin

Soaked into ground and disinfected

Excavated Trench

11/8/2012 0:00	11/8/2012 12:22	11/8/2012 12:35	11/8/2012 12:50
11/23/2012 7:53	11/23/2012 7:53	11/23/2012 8:05	11/23/2012 9:30
11/24/2012 10:10	11/24/2012 10:10	11/24/2012 10:40	11/24/2012 10:20
11/29/2012 8:33	11/29/2012 8:33	11/29/2012 9:00	11/29/2012 9:30
12/20/2012 13:45	12/20/2012 13:45	12/20/2012 14:00	12/20/2012 14:45
1/9/2013 0:00	1/9/2013 13:15	1/9/2013 13:40	1/9/2013 13:45
2/3/2013 8:55	2/3/2013 8:55	2/3/2013 9:30	2/3/2013 10:00
3/13/2013 17:18	3/13/2013 17:18	3/13/2013 18:00	3/13/2013 18:30
4/10/2013 10:00	4/10/2013 10:15	4/10/2013 10:20	4/10/2013 10:45
7/12/2013 13:45	7/12/2013 14:00	7/12/2013 14:20	7/12/2013 14:45
8/13/2013 12:00	8/20/2013 8:45	8/20/2013 9:15	8/20/2013 9:15
11/11/2013 8:00	11/11/2013 10:10	11/11/2013 10:15	11/11/2013 11:45
10/8/2007 19:00	10/9/2007 10:20	10/9/2007 10:30	10/9/2007 10:45
2/10/2009 9:11	2/10/2009 9:13	2/10/2009 9:20	2/10/2009 10:15
12/30/2011 8:00	12/30/2011 8:38	12/30/2011 9:00	12/30/2011 11:00
4/10/2012 8:33	4/10/2012 8:33	4/10/2012 8:40	4/10/2012 10:30
5/26/2012 10:15	5/26/2012 10:15	5/26/2012 10:30	5/26/2012 12:00
6/25/2012 0:00	6/25/2012 12:15	6/25/2012 12:20	6/25/2012 12:40
8/11/2012 9:59	8/11/2012 9:59	8/11/2012 10:05	8/11/2012 10:43
12/23/2012 9:30	12/23/2012 9:30	12/23/2012 9:45	12/23/2012 9:45
2/3/2013 12:15	2/3/2013 12:15	2/3/2013 12:30	2/3/2013 13:00
3/28/2013 9:30	3/28/2013 9:30	3/28/2013 9:35	3/28/2013 10:00
6/8/2013 19:20	6/8/2013 19:25	6/8/2013 19:30	6/8/2013 20:00
6/29/2013 10:25	6/29/2013 10:30	6/29/2013 10:45	6/29/2013 11:00
5/24/2009 17:00	5/24/2009 17:45	5/24/2009 18:15	5/25/2009 18:45
6/7/2007 12:15	6/7/2007 12:15	6/7/2007 12:45	6/7/2007 12:15
10/31/2007 9:45	10/31/2007 9:45	10/31/2007 9:45	10/31/2007 10:10
9/3/2008 7:30	9/3/2008 7:30	9/3/2008 8:00	9/3/2008 8:30
7/3/2010 0:00	7/3/2010 9:00	7/3/2010 9:30	7/3/2010 10:00
6/24/2010 0:00	6/24/2010 8:00	6/24/2010 8:30	6/24/2010 11:00
6/18/2010 0:00	6/18/2010 17:00	6/18/2010 17:00	6/18/2010 17:15
7/27/2010 0:00	7/27/2010 17:28	7/27/2010 17:58	7/28/2010 15:30
9/13/2010 0:00	9/13/2010 16:40	9/13/2010 17:10	9/13/2010 17:10
4/26/2010 8:15	4/26/2010 9:00	4/26/2010 9:00	4/26/2010 9:15
4/9/2010 0:00	4/9/2010 13:00	4/9/2010 13:00	4/9/2010 13:00
8/6/2008 14:10	8/6/2008 14:10	8/6/2008 14:40	8/6/2008 14:55
6/6/2008 0:00	6/6/2008 7:00	6/6/2008 7:00	6/6/2008 7:20
5/27/2008 0:00	5/27/2008 7:10	5/27/2008 7:10	5/27/2008 7:20
7/1/2008 11:30	7/1/2008 11:30	7/1/2008 12:00	7/1/2008 12:00
6/24/2008 9:30	6/24/2008 9:30	6/24/2008 10:00	6/24/2008 12:30
11/3/2010 0:00	11/3/2010 17:00	11/3/2010 17:05	11/3/2010 17:15
11/10/2010 0:00	11/10/2010 9:26	11/10/2010 9:28	11/10/2010 9:30
11/12/2010 0:00	11/12/2010 10:45	11/12/2010 10:45	11/12/2010 10:55
4/16/2011 0:00	4/16/2011 17:15	4/16/2011 17:15	4/16/2011 17:55
6/24/2012 21:45	6/24/2012 21:45	6/24/2012 22:00	6/24/2012 22:10
12/2/2012 9:00	12/2/2012 9:00	12/2/2012 9:05	12/2/2012 9:30
2/22/2013 16:30	2/22/2013 16:55	2/22/2013 17:00	2/22/2013 18:00
8/19/2013 11:15	8/19/2013 12:00	8/19/2013 12:10	8/19/2013 12:15
10/13/2013 0:00	10/13/2013 14:30	10/13/2013 14:45	10/13/2013 15:00
1/3/2009 8:00	2/25/2009 11:00	1/3/2009 8:00	1/3/2009 8:00
6/4/2008 8:00	6/5/2008 10:00	6/4/2008 8:00	6/4/2008 8:15
6/17/2008 10:00	6/18/2008 7:40	6/17/2008 10:05	6/17/2008 0:00
7/13/2008 13:00	7/16/2008 9:30	7/13/2008 13:00	7/13/2008 13:00
7/22/2008 9:45	7/22/2008 15:55	7/22/2008 9:45	7/22/2008 9:45
8/19/2008 12:30	8/21/2008 11:30	8/19/2008 12:30	8/19/2008 12:30

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

full size bed sheet was flushed down sewer line from county jail and resulted in a blockage in the sewer line

There was not a total blockage in the line. Manhole was seeping at times, and was not overflowing upon arrival

A large stick became wedged in the line

Found tree branches and debris blockage in main line that caused lateral to over flow.

A mechanical sewer plugs tether come undone and created a line blockage.

Building was not shut down prior to power outage, lift statoin pump could not run thereby sewage backed up in the lift sta

Collection system failure.

Half inch stick was shoved into line, therefore creating a blockage.
Construction Activity
Blockage: inflatable plug left behind from contractor

Flow Exceeded Capacity, Rainfall Exceeded Design.

While the plugged drain was on the interior of the building, it was inadvertently hosed out to the bare ground by housing u
drain stoppage

Main
Main
Main
Main
Main
Main
Main
Main
Main
Main
Main
Gravity Mainline

Main
Main
Main
Main
Main
Main
Main
Main
Main
Main
Main
Main
Main
Main
Main
Main
Main
Main
Other (specify below)
Main
Main
Main
Main
Main
Main
Main
Main
Other (specify below)
Main
Main
Main
Main
Main
Main
Main
Manhole

Upper Lateral

at the manhole prior to the lateral

Piping under Structure/Building

Customer manhole dumping into mainline.

	6	ACP
	5	
	4	Vcp
	4	PVC
	6	VCP
	4	
No	6	PVC
	6	clay
	10	Clay
	6	clay
	6	clay
	6	Clay
	10	Clay
	6	pvc
	10	AC
	4	Ductile Iron
	4	CI
	4	PVC
No		
No	6	PVC

44
40
20
20

0

80

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

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

Cleaned-up (mitigated effects of spill)
Contained all or portion 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)

Used vacum truck to partially contain spill

Jetted the main and recovered tree branches. removed contaminated soil/slash from the area and disifeccted area.

11/12/2012 12:00

1/9/2013 16:00

4/10/2013 12:00

2/10/2009 11:25

6/25/2012 15:00

5/25/2009 2:45

11/4/2010 0:00

4/16/2011 18:00

Other (specify below)

Added sewer to preventive maintenance program

Adjusted schedule/method of preventive maintenance

Other (specify below)

Adjusted schedule/method of preventive maintenance

Other (specify below)

Enforcement action against FOG source

Other (specify below)

will speak to coutny jail about inmates flushing debris down sewer line

This area receives scheduled maintenance and was professionally cleaned less than a year ago.

Work with contractor to ensure the tether is secured firmly in the future.

Meeting with Contractor

No

No

Yes

No

Yes

No

Yes

Yes

n/a
n/a

creek was flowing well and water was clear

water was clear

n/a

Could not ascertain that the flow actually entered the receiving water. Liquid only spill - zero solids

N/A
None

Yes

Yes

Yes

Yes

Yes

No

No

No

n/a
n/a

none

n/a

NA

N/A
N/A

NA

Sonora Creek
spill did not reach surface water
spill did not reach surface water
spill did not reach surface water
spill did not reach surface water
Sonora Creek
spill did not reach surface water
spill did not reach surface water
Woods Creek
spill did not reach surface water
spill did not reach surface water

Twain Harte Lake
None
None
N/A
Small Pond on Twain Hatre Golf Course
N/A
N/A
N/A
N/A
N/A
N/A
NA
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
N/A
N/A
N/A
N/A
N/A
N/A
N/A
N/A

Biological indicator(s) - specify below

Biological indicator(s) - specify below

Biological indicator(s) - specify below

Biological indicator(s) - specify below

Biological indicator(s) - specify below

Not applicable to this spill

Not applicable to this spill

Not applicable to this spill

fecal and coliform

Fecal and Coliform

fecal, coliform

Ecoli and fecal coliform

E-coli, Total Coliform, Fecal Coliform

County Health Agency;Regional Water Quality Control Board

County Health Agency;Regional Water Quality Control Board

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

Not applicable to this spill

Not applicable to this spill

when resluts are in

will report once results are received

Awaiting results from Auqa Lab Water analysis. Will report to County Health and Regional Board

126784	11/8/2012 14:30
127067	11/23/2012 8:20
130191	1/9/2013 14:30
132166	4/10/2013 11:25
91173	2/11/2009 9:15
123692	6/25/2012 14:45
93934	5/26/2009 12:45
106645	11/4/2010 17:05
112440	4/18/2011 14:20

Rich Pitcher, Collection System Foreman 2095325536

Paul Laymon, Utilities Manager 2093791071
Paul Laymon, Utilities Manager 2093791077

5SSO10775	Active	725725	Bob Sweeny	Certified
5SSO10775	Active	727379	Bob Sweeny	Certified
5SSO10775	Active	728590	Bob Sweeny	Certified
5SSO10775	Active	734075	Doug Barnes	Certified
5SSO10775	Active	734080	Doug Barnes	Certified
5SSO10775	Active	734089	Doug Barnes	Certified
5SSO10775	Active	734544	doug barnes	Certified
5SSO10775	Active	736480	doug barnes	Certified
5SSO10775	Active	738166	Darrol Cramer	Certified
5SSO10775	Active	745649	Doug Barnes	Certified
5SSO10775	Active	748215	dbarnes	Certified
5SSO10775	Active	749114	Doug Barnes	Certified
5SSO10775	Active	749115	Doug Barnes	Certified
5SSO10775	Active	750106	Doug Barnes	Certified
5SSO10775	Active	752341	Ralph	Certified
5SSO10775	Active	755712	Doug Barnes	Certified
5SSO10775	Active	755713	Doug Barnes	Certified
5SSO10775	Active	758344	Doug Barnes	Certified
5SSO10775	Active	758345	Doug Barnes	Certified
5SSO10775	Active	760124	Doug Barnes	Certified
5SSO10775	Active	765098	dbarnes	Certified
5SSO10775	Active	765101	dbarnes	Certified
5SSO10775	Active	772666	Harbans Singh-Kaler	Certified
5SSO10775	Active	781155	Harbans Singh-Kaler	Certified
5SSO10775	Active	781943	Harbans Singh-Kaler	Certified
5SSO10775	Active	784564	Doug Barnes	Certified
5SSO10775	Active	785899	Doug Barnes	Certified
5SSO10775	Active	791243	Harbans Singh-Kaler	Certified
5SSO10775	Active	791244	Doug Barnes	Certified
5SSO10775	Active	791245	Doug Barnes	Certified
5SSO10775	Active	791246	Doug Barnes	Certified
5SSO10775	Active	791247	Doug Barnes	Certified
5SSO10775	Active	791249	Doug Barnes	Certified
5SSO10775	Active	792392	Harbans Singh-Kaler	Certified
5SSO10775	Active	794031	Harbans Singh-Kaler	Certified
5SSO10775	Active	794032	HARBANS SINGH-KALER	Certified
5SSO10775	Active	794033	HARBANS SINGH-KALER	Certified
5SSO10775	Active	797677	HARBANS SINGH-KALER	Certified
5SSO10775	Active	797679	HARBANS SINGH-KALER	Certified
5SSO10775	Active	798660	HARBANS SINGH-KALER	Certified
5SSO10775	Active	800848	HARBANS SINGH-KALER	Certified
5SSO10775	Active	800849	HARBANS SINGH-KALER	Certified
5SSO10776	Active	755996	Daniel J. Allen	Certified
5SSO10776	Active	755997	Daniel J. Allen	Certified
5SSO10776	Active	755998	Daniel J. Allen	Certified
5SSO10776	Active	758253	Daniel J. Allen	Certified
5SSO10776	Active	758523	Daniel J. Allen	Certified
5SSO10778	Active	721566		Submit Draft
5SSO10778	Active	757791	Don L Neubacher	Certified
5SSO10778	Active	791074	Don L. Neubacher	Certified
5SSO10779	Active	757786	Don L Neubacher	Certified
5SSO10783	Active	747139	Chester Robertson	Certified
5SSO10783	Active	787194	Chester Robertson	Certified
5SSO10784	Active	769527	Phil DeBlasio	Certified
5SSO10789	Active	732184	CIty of Biggs	Certified

Correctional Plant Manager I
Correctional Plant Manager I
Correctional Plant Manager
CE
Chief Engineer
Chief Engineer
chief engineer
chief engineer
Chief Engineer
Chief Engineer
CE
Chief Engineer
Chief Engineer
Chief Engineer
Barnes
Chief Engineer I
Chief Engineer
Chief Engineer
Chief Engineer
Chief Engineer
Chief Eng
Chief Eng
Chief Engineer
Chief Engineer
Chief Engineer
Chief Engineer
Chief Engineer
Chief Engineer
Chief Engineer I
Cheif Engineer I
Chief Engineer I
Chief Engineer I
Chief Engineer I
Chief Engineer
Chief Engineer
CHIEF ENGINEER
CHIEF ENGINEER
CHIEF ENGINEER
HARBANS SINGH-KALER
CHIEF ENGINEER
CHIEF ENGINEER
CHIEF ENGINEER
Asst. City Manager
Asst. City Manager
Asst. City Manager
Asst. City Manager
Assistant City manager

Superintendant
Superintendent
Superintendant
Director of Public Works
Director Public Works
CPO
CIty of Biggs

Plant Operation		416955
Plant Operation		686765
Plant Operation		203623
Plant Operation Building 502		645036
Plant Operation Building 502		328268
Plant Operation Building 502		576186
building 507 Plant Operations		659333
wasco state prison		935411
Plant Operation		360550
	10/15/2009	203673
	12/2/2010	832237
	2/4/2010	147070
	2/4/2010	959038
1630 hours		510425
Wasco		394921
Wasco State Prison		131902
Wasco		584868
Wasco		720784
Wasco		827782
	1/4/2011	633785
wasco		948182
wasco		875947
WSP-RC Plant Operation		539017
Wasco State Prison/ Plant Operation		520830
WSP-RC Plant Operation		917048
Wasco State Prison		239931
Wasco State Prison		867884
WSP-RC		671496
Wasco State Prison		623415
Wasco State Prison		280657
Wasco State Prison		264793
Wasco State Prison		792786
Wasco		211754
WSP		954411
WSP-Plant Operation		694621
WSP-PLANT OPERATION		897198
WSP-PLANT OPERATION		484354
PLANT OPERATION		936936
PLANT OPERATION		295171
PLANT OPERATION		832098
PLANT OPERATION		535461
PLANT OPERATION		350401
	10:05	912231
	10:33	891834
	10:45	495962
	11/1/2010	986618
	835	984109
	1001	687307
Yosemite National Park		836415
	1004	156512
City of Alturas		339390
Alturas		496444
200 PM		416858
City of Biggs		781356

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

Category 3		20	0
Category 3		5	0
Category 3		25	0
Category 3		6	0
Category 3		5	0
Category 3		30	0
Category 3		10	0
Category 3		10	0
Category 3		75	0
Category 3		70	0
Category 3		50	0
Category 3		300	0
Category 3		300	0
Category 3		250	0
Category 3		100	0
Category 3		5	0
Category 3		15	0
Category 3		20	20
Category 1		25	0
Category 3		500	0
Category 3		200	200
Category 3		50	50
Category 3		30	0
Category 3		250	0
Category 3		30	0
Category 3		75	0
Category 1		200	175
Category 1		50	0
Category 3		150	0
Category 1		45	0
Category 3		850	0
Category 3		200	0
Category 3		150	0
Category 3		50	0
Category 3		150	0
Category 3		150	0
Category 3		150	0
Category 3		80	0
Category 3		100	0
Category 3	45	45	0
Category 3	150	150	0
Category 3	450	450	0
Category 3		800	250
Category 3		400	100
Category 3		600	0
Category 3		700	200
Category 3		650	650
Category 1		300000	0
Category 3		50	0
Category 3		300	0
Category 1		40	0
Category 3		32	28
Category 3		4	4
Category 3		150	150
Category 3		25	0

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25	No	No
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175	No	No
10	No	No
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45	No	No
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0	No	No
0	No	No
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0	No	Yes
0	No	Yes
300000	Yes	No
0	No	No
0	No	No
15	Yes	No
0	No	No
0	No	No
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0	No	No

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

wasco State Prison Facility C Building 2 B side
Wasco State Prison Wastewater Treatment Plant Headworks
facility A-304
Facility A Building 5
Facility B Building 4
Facility C Building 413
Facility A building 303
Facility A Building 301 B side
Between Facility C-1 and C-2 medical trailer
Retherm Kitchen building 701E
Facility c Building 2
behind building A-1
A-2
building A-2
wasco state prison
Facility A building 3
Facility D Building 3
Wasco State Prison
Wasco State Prison
Wasco State Prison
wasco state Prison
wasco state prison
701 Scofield Ave. Wasco, California 93280
Wasco State Prison-Reception Center
Wasco State Prison-Reception Center
Facility A Building 2
Wasco State Prison-Reception Center
Wasco State Prison
Wasco State Prison
Wasco State Prison
Wasco State Prison
Wasco State Prison
Wasco State Prison
Wasco State Prison
Wasco State Prison
WASCO STATE PRISON
WASCO STATE PRISON -FACILITY-D-7
WASCO STATE PRISON
WASCO STATE PRISON
WASCO STATE PRISON
WASCO STATE PRISON-RECEPTION CENTER
WASCO STATE PRISON-RECEPTION CENTER
Poso & Central
Poplar and Bay Meadow
Hazelnut Drive and Annin Blvd.
16th Strret and D Street
16th and D Street Wasco CA.
Wawona Golf Course
WAU Raccoon Way Wawona
7930 Chilnalna Falls Road, Wawona
VAU Toulumne Meadows Campground
West 8th Street in private yard & alleyway
509 N.E. D Street
Manhole F222M
3rd St. between B St. and C St.

35.595922	119.407556	Kern
35.589486	119.410778	Kern
35.591917	119.408794	Kern
35.591944	119.408889	Kern
35.595278	119.408889	Kern
35.595556	119.408611	Kern
35.591661	119.407783	Kern
35.592222	-119.406667	Kern
35.595833	-119.407778	Kern
35.594539	-119.408675	Kern
35.596111	-119.407222	Kern
35.591772	-119.407783	Kern
35.592006	-119.407011	Kern
35.583333	-119.406542	Kern
35.591475	-119.408356	Kern
35.591719	-119.407436	Kern
35.594106	-119.40655	Kern
35.506111	-119.477222	Kern
35.772222	-119.471667	Kern
35.591389	-119.408056	Kern
35.592025	-119.409144	Kern
35.592025	-119.409144	Kern
35.592308	-119.409144	Kern
35.595681	-119.407767	Kern
35.591619	-119.408389	Kern
35.591944	-119.406389	Kern
35.60008	-119.40365	Kern
35.591667	-119.408056	Kern
35.591944	-119.406944	Kern
35.593611	-119.406944	Kern
35.595833	-119.407222	Kern
35.594167	-119.412222	Kern
35.591667	-119.408056	Kern
35.592086	-119.407189	Kern
35.591908	-119.408633	Kern
35.596117	-119.406069	Kern
35.596117	-119.406069	Kern
35.596928	-119.408656	Kern
35.594767	-119.408544	Kern
35.596025	-119.407247	Kern
35.591864	-119.407783	Kern
35.594431	-119.412242	Kern
35.58711	-119.35839	Kern
35.58282	-119.34514	Kern
35.60663	-119.33608	Kern
35.583056	-119.336389	Kern
35.5834	-119.33663	Kern
37.53501	119.65642	Mariposa
37.547081	-119.640349	Mariposa
37.546136	-119.647467	Mariposa
37.874359	-119.354547	Tuolumne
41.490958	-120.560253	Modoc
41.489565	-120.53519	Modoc
40.44815	-122.31041	Shasta
39.4143	-121.70781	Butte

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Facility A Building 5, B-side

Building A-4

facility H-1

Plugged sewer line, spill coming from manhole
Intersection of Poplar and Bay Meadows, lift station pumps plugged creating a back-up in the wet well

Manhole at the intersection of 16th and D
16th 16th and D street
Wawona Golf course by Chilnualna Falls Rd.
Lift Station 1
Heringer Residence, Clean out.
Toulumne Meadows Campground Man Hole F2N

Bathroom of private residence from the toilet
Spill out of manhole # F222M in street close to 1520 Cordova Street. The spill flowed to the north side of street gutter anc

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1
1

l then eastward down Cordova approxir

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

Discharge was flowing from the manhole lid

Golf Course irrigation line break

Residence Clean Out.

Building or structure
Building or structure
Building or structure
Building or structure
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Building or structure
Unpaved surface
Building or structure
Other paved surface
Building or structure
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Unpaved surface
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Building or Structure
Building or Structure
Building or Structure
Other paved surface
Unpaved surface
Other paved surface
Street/curb and gutter
Street/curb and gutter
Surface water
Other paved surface;Unpaved surface
Unpaved surface
Surface water;Unpaved surface
Unpaved surface
Building or structure
Street/curb and gutter
Other paved surface

Spill entered into curb line, staff diluted the spill using fresh water from a near by fire hydrant.

8/26/2008 14:10	9/4/2008 7:27	8/26/2008 14:30	8/26/2008 14:33
9/25/2008 14:30	10/6/2008 7:46	9/25/2008 14:30	9/25/2008 14:30
10/24/2008 10:30	10/28/2008 8:22	10/24/2008 10:30	10/24/2008 10:30
1/8/2009 12:00	1/8/2009 12:00	1/8/2009 12:00	1/8/2009 12:00
1/3/2009 8:00	1/3/2009 8:00	1/3/2009 8:00	1/3/2009 8:00
1/13/2009 10:15	1/13/2009 10:15	1/13/2009 10:15	1/13/2009 10:15
3/2/2009 15:00	3/2/2009 15:00	3/2/2009 15:00	3/2/2009 15:00
4/4/2009 16:00	4/4/2009 16:00	4/4/2009 16:00	4/4/2009 16:00
5/28/2009 11:00	5/28/2009 11:00	5/28/2009 11:05	5/28/2009 11:05
9/15/2009 0:00	10/15/2009 0:00	10/15/2009 0:00	9/15/2009 0:00
12/15/2009 0:00	12/15/2009 0:00	12/15/2009 0:00	12/15/2009 0:00
1/26/2010 11:30	1/26/2010 11:30	1/26/2010 11:35	1/26/2010 11:36
1/14/2010 14:10	1/14/2010 14:10	1/14/2010 14:15	1/14/2010 16:00
2/15/2010 9:00	2/15/2010 9:15	2/15/2010 9:20	2/15/2010 15:00
4/11/2010 16:00	4/11/2010 16:29	4/11/2010 17:00	4/11/2010 17:29
7/23/2010 0:00	7/23/2010 0:00	7/23/2010 0:00	7/23/2010 0:00
7/26/2010 0:00	7/26/2010 0:00	7/26/2010 0:00	7/26/2010 0:00
10/10/2010 0:00	10/10/2010 11:00	10/10/2010 10:00	10/10/2010 10:15
10/7/2010 0:00	10/7/2010 0:00	10/7/2010 0:00	10/7/2010 0:00
12/27/2010 0:00	12/27/2010 15:45	12/27/2010 15:45	12/27/2010 15:45
3/5/2011 0:00	3/5/2011 7:45	3/5/2011 7:40	3/5/2011 7:45
3/25/2011 0:00	3/25/2011 11:50	3/25/2011 11:50	3/25/2011 11:50
10/14/2011 9:00	10/14/2011 9:00	10/14/2011 9:00	10/14/2011 9:00
4/6/2012 11:30	4/6/2012 11:30	4/6/2012 11:35	4/6/2012 11:35
5/25/2012 16:30	5/25/2012 16:30	5/25/2012 16:30	5/25/2012 16:30
7/6/2012 16:30	7/6/2012 16:34	7/6/2012 16:35	7/6/2012 16:40
8/25/2012 22:00	8/25/2012 22:29	8/25/2012 22:45	8/25/2012 23:05
1/8/2013 0:00	1/8/2013 0:00	1/8/2013 0:00	1/8/2013 0:00
1/14/2013 0:00	1/14/2013 0:00	1/14/2013 0:00	1/14/2014 0:00
1/17/2013 0:00	1/17/2013 0:00	1/17/2013 0:00	1/17/2013 0:00
1/17/2013 0:00	1/17/2013 0:00	1/17/2013 0:00	1/17/2013 0:00
1/20/2013 0:00	1/20/2013 0:00	1/20/2013 0:00	1/20/2013 0:00
1/28/2013 0:00	1/28/2013 0:00	1/28/2013 0:00	1/28/2013 0:00
2/12/2013 14:30	2/12/2013 14:30	2/12/2013 14:30	2/12/2013 14:30
4/6/2013 20:00	4/6/2013 20:00	4/6/2013 20:00	4/6/2013 20:00
4/4/2013 11:00	4/4/2013 11:00	4/4/2013 11:00	4/4/2013 11:00
4/4/2013 13:35	4/4/2013 13:35	4/4/2013 13:35	4/4/2013 13:35
7/16/2013 13:00	7/16/2013 13:00	7/16/2013 13:00	7/16/2013 13:00
7/17/2013 8:10	7/17/2013 8:10	7/17/2013 8:10	7/17/2013 8:10
8/1/2013 13:00	8/1/2013 13:00	8/1/2013 13:00	8/1/2013 13:00
10/20/2013 11:30	11/19/2013 8:00	10/20/2013 11:30	10/20/2013 11:30
10/22/2013 14:30	11/19/2013 8:03	10/22/2013 14:30	10/22/2013 14:30
12/27/2007 0:00	12/27/2007 10:00	12/27/2007 10:15	12/27/2007 15:12
7/5/2009 9:32	7/5/2009 9:42	7/5/2009 9:50	7/5/2009 10:30
9/25/2009 20:00	9/25/2009 20:16	9/25/2009 20:26	9/25/2009 20:45
11/1/2010 0:00	11/1/2010 7:00	11/1/2010 7:15	11/1/2010 8:30
11/13/2010 0:00	11/13/2010 13:50	11/13/2010 14:20	11/13/2010 15:25
7/7/2008 1:30	7/7/2008 7:30	7/7/2008 7:30	7/7/2008 6:30
7/3/2010 0:00	7/3/2010 8:00	7/3/2010 8:30	7/3/2010 8:31
1/31/2013 13:00	1/31/2013 14:00	1/31/2013 14:00	1/31/2013 14:30
7/3/2010 0:00	7/3/2010 9:20	7/3/2010 9:50	7/3/2010 9:50
11/15/2009 12:30	11/16/2009 8:07	11/16/2009 8:30	11/16/2009 9:21
8/2/2012 0:00	8/2/2012 11:01	8/2/2012 11:11	8/2/2012 10:33
8/4/2011 8:00	8/4/2011 8:09	8/4/2011 8:20	8/4/2011 8:27
1/20/2009 11:00	1/20/2009 11:30	1/20/2009 11:40	1/20/2009 12:00

Debris
Other (specify below)
Debris
Debri-General
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Debri-Rags
Debri-Rags
Debri-General
Debris-General
Debris-General
Debris-General
Root intrusion
Debri-Rags
Grease deposition (FOG)
Grease deposition (FOG)
Debri-Rags
Other (specify below)
Pump station failure
Other (specify below)
Debri-Rags
Grease deposition (FOG)
Other (specify below)
Debri-Rags
Debri-General

Truck driver error, garbage truck spilled wastewater while moving solid waste next to headwork wash area.

Sewer Line plugged with grease and debri, operators hydro-flushed the line to clear.
Line plugged with grease from local resteraunts. Investigating local resteraunts for illegal discharge of FOG

Broken burried 2 golf course irrigation line.

Electrical Outage at Lift Station.

Blockage in West 8th Street Sewer Main
jet rodder pressure in private lateral cause sewer to come from toilet in bathroom of private residence

Other (specify below)

Lower Lateral
Lower Lateral
Lower Lateral
Upper Lateral
Upper Lateral
Main
Lower Lateral
Upper Lateral
Upper Lateral
Lower Lateral
Upper Lateral
Upper Lateral
Upper Lateral
Upper Lateral
Upper Lateral
Upper Lateral
Lower Lateral
Main
Main
Main
Main
Main
Gravity Mainline
Gravity Mainline
Gravity Mainline
Main
Other (specify below)
Main
Main
Upper Lateral
Other (specify below)
Main
Other (specify below)
Main
Other (specify below)
Upper Lateral
Main
Main

Truck driver error, garbage truck spilled wastewater while moving solid waste next to headwork wash area

Plugged wet well pumps

45' west from the manhole at the intersection of 16th and D the main plugged

Broken burried 2 golf course irrigation line.

Residence Clean Out.

Blockage occured in Sewer Main partially restricting flow. Some sewage then backed up in main and into lowest private la

No
No
No

8 clay

ıteral causing smell. Some s 8

6 VCP

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Cleaned-up (mitigated effects of spill)
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Cleaned-up (mitigated effects of spill)
Cleaned-up (mitigated effects of spill)
Restored flow;Returned all or portion of spill to sanitary sewer system
Cleaned-up (mitigated effects of spill)
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Cleaned-up (mitigated effects of spill)

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

Operators flushed the sewre main with high pressure machine, inspected the line and manholes downstream for 1 mile

River sample collection

Line cleared and rodded, area cleaned and disinfected with 12% bleach solution

Respond to residence, document spill with photos, clean up spill, call in cleaning company to restore and clean

7/7/2008 10:00

7/3/2010 12:00

Other (specify below)

Other (specify below)

Irrigation system automatically shut down before the leak was discovered

Signs are posted..... Please do not flush paper towels down water basin and Please be sure not to flush your silverware

No

No

N/A

No visual impacts.

None

No

No

N/A

NA

None

N/A

none

N/A
none
South Fork of the Merced River
N/A

Tuolumne River/Tributary

N/A
None

Other (specify below)

No water quality samples taken

Chlorine Coliform Phos

None of the above

Not applicable to this spill

Any significant findings will be forwarded to the Regional Board

84958	7/7/2008 9:00
104042	7/3/2010 14:00
90494	1/20/2009 12:46

HARBANS SINGH-KALER	6617587031
HARBANS SINGH-KALER, CHIEF ENGINEER	6617587031
HARBANS SINGH-KALER, CHIEF ENGINEER	667587031

5SSO10789	Active	732186		Work In Progress
5SSO10789	Active	732188		Work In Progress
5SSO10791	Active	737001	Donald Sibert	Certified
5SSO10791	Active	738281	Donald Sibert	Certified
5SSO10791	Active	739667	Don Sibrt	Certified
5SSO10791	Active	748375	Donald Sibert	Certified
5SSO10791	Active	751739	Don Sibert	Certified
5SSO10791	Active	752312	Don Sibert	Certified
5SSO10791	Active	759643	Donald Sibert	Certified
5SSO10791	Active	765818	Donald Sibert	Certified
5SSO10791	Active	769770	Donald Sibert	Certified
5SSO10791	Active	770443	Donald L Sibert	Certified
5SSO10791	Active	776463	Donald Sibert	Certified
5SSO10791	Active	779242	Donald Sibert	Certified
5SSO10791	Active	779365	Donald Sibert	Certified
5SSO10791	Active	785867	Donald Sibert	Certified
5SSO10792	Active	712089	Tom Blixt	Certified
5SSO10793	Active	714301	Ronald Sherer	Certified
5SSO10797	Active	770242	Andrew Capella	Certified
5SSO10799	Active	710392	Richard H. Walls	Certified
5SSO10799	Active	712827	Richard H. Walls	Certified
5SSO10799	Active	715658	Richard Walls	Certified
5SSO10799	Active	716118	Richard Walls	Certified
5SSO10799	Active	717647	Richard Walls	Certified
5SSO10799	Active	725111	Richard H. Walls	Certified
5SSO10799	Active	728841	Richard H. Walls	Certified
5SSO10799	Active	732145	Richard H. Walls	Certified
5SSO10799	Active	734473	Richard H. Walls	Certified
5SSO10799	Active	746719	Richard Walls	Certified
5SSO10799	Active	746721	Richard Walls	Certified
5SSO10799	Active	748197	Richard H. Walls	Certified
5SSO10799	Active	748199	Richard H. Walls	Certified
5SSO10799	Active	748200	Richard H. Walls	Certified
5SSO10799	Active	748201	Richard H. Walls	Certified
5SSO10799	Active	749724	Richard H. Walls	Certified
5SSO10799	Active	755831	Richard H. Walls	Certified
5SSO10799	Active	757490	Richard H. Walls	Certified
5SSO10799	Active	760182	Richard H. Walls	Certified
5SSO10799	Active	761687	Richard H. Walls	Certified
5SSO10799	Active	762446	Richard H. Walls	Certified
5SSO10799	Active	763285	Richard H. Walls	Certified
5SSO10799	Active	764444	Richard H. Walls	Certified
5SSO10799	Active	768280	Richard H. Walls	Certified
5SSO10799	Active	769962	Richard H. Walls	Certified
5SSO10799	Active	774452	Richard H. Walls	Certified
5SSO10799	Active	775509	Richard H. Walls	Certified
5SSO10799	Active	777132	Richard H. Walls	Certified
5SSO10799	Active	777137	Richard H. Walls	Certified
5SSO10799	Active	778153	Richard H. Walls	Certified
5SSO10799	Active	778581	Richard H. Walls	Certified
5SSO10799	Active	785520	Richard H. Walls	Certified
5SSO10799	Active	787169	Richard H. Walls	Certified
5SSO10799	Active	788001	Richard H. Walls	Certified
5SSO10799	Active	788735	Richard H. Walls	Certified
5SSO10799	Active	790695	Richard H. Walls	Certified

Wastewater Operator
Senior Wastewater Operator
Wastewater Operator
Senior Wastewater Operator
Wastewater Operator
Wastewater Operator
Wastewater Operator
Wastewater Operator
Wastewater Operator
Wastewater Operator
Wastewater Operator
Utility Worker
Utility Worker
Utility Worker
Administrative Analyst, Senior
General Manger
Operator/Foreman
Sr. Civil Engineer
Senior Civil Engineer
Sr. Civil Engineer
Senior Civil Engineer
Senior Civil Engineer
Senior Civil Engineer
Senior Civil Engineer
Senior Civil Engineer
Senior Civil Engineer
Senior Civil Engineer
Senior Civil Engineer
Senior Civil Engineer
Senior Civil Engineer
Senior Civil Engineer
Senior Civil Engineer
Senior Civil Engineer
Public Works Director
Public Works Director
Public Works Director
Public Works Director
Public Works Director
Public Works Director
Public Works Director
Senior Civil Engineer
Senior Civil Engineer
Senior Civil Engineer
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Senior Civil Engineer
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Senior Civil Engineer
Senior Civil Engineer
Senior Civil Engineer

Burney Ca		138860
Burney Ca		205423
Burney		697673
Burney Ca		574809
Burney Ca		412394
Burney Ca		526670
Burney Ca		275961
Burney		555443
Burney		301126
Burney		988722
Burney		725543
Burney		742347
Burney		362896
Burney		953341
Oroville, Butte County		928745
Cal Pines CSD Office		528907
	943	976472
Oroville		439977
Oroville, CA		540336
	4/1/2008	622809
City of Oroville		625467
Oroville, CA		239654
Oroville, CA		735457
Oroville, CA		953272
Oroville, CA		212968
City of Oroville		280700
Oroville, CA		405041
Oroville, CA		519252
Oroville, CA		165836
Oroville, CA		774998
Oroville, CA		561129
Oroville, CA		391439
Oroville, CA		768360
Oroville, CA		570040
Oroville, CA		713763
Oroville, CA		995445
Oroville, CA		801884
Oroville, CA		862721
Oroville, CA		713559
Oroville, CA		222934
Oroville, CA		778311
Oroville, CA		344394
Oroville, CA		442842
Oroville, CA		438513
Oroville, CA		239748
Oroville, CA		125725
Oroville, CA		510592
Oroville, CA		110103
Oroville, CA		578268
Oroville, CA		296176
Oroville, CA		694685
Oroville, CA		704262
Oroville, CA		836670

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

Category 3	25	0
Category 3	25	0
Category 3	5	5
Category 3	20	20
Category 3	50	45
Category 3	20	10
Category 3	30	0
Category 1	26000	2000
Category 3	15	15
Category 3	300	0
Category 3	50	0
Category 3	75	0
Category 1	50	0
Category 3	20	0
Category 3	22	0
Category 3	30	30
Category 3	10	0
Category 3	400	
Category 3	10	10
Category 1	100	0
Category 3	50	0
Category 3	200	200
Category 3	5	5
Category 3	200	0
Category 3	20	20
Category 3	10	5
Category 3	200	100
Category 1	900	0
Category 3	60	0
Category 3	400	0
Category 3	200	100
Category 3	25	0
Category 3	900	0
Category 3	10	0
Category 1	500	0
Category 3	200	50
Category 3	70	70
Category 3	40	40
Category 3	25	25
Category 3	1	1
Category 1	2000	0
Category 3	3	3
Category 1	600	0
Category 3	75	0
Category 3	400	0
Category 1	750	0
Category 3	15	15
Category 3	20	0
Category 3	50	0
Category 3	200	0
Category 3	75	0
Category 3	500	50
Category 3	250	250
Category 1	36000	50
Category 2	3750	0

0	No	No
0	No	No
0	No	No
0	No	Yes
0	No	No
0	No	No
0	No	No
24000	Yes	No
0	No	No
0	No	No
0	No	No
0	No	No
40	Yes	No
0	No	No
0	No	No
0	No	No
	No	No
	No	No
0	No	No
100	Yes	No
	No	No
0	No	No
0	No	No
0	No	No
0	No	No
0	No	No
0	No	No
900	Yes	No
0	No	No
0	No	No
0	No	No
0	No	No
0	No	No
0	No	No
500	Yes	No
0	No	Yes
0	No	Yes
0	No	Yes
0	No	No
0	No	No
2000	Yes	Yes
0	No	No
600	Yes	No
0	No	No
0	No	No
500	Yes	No
0	No	Yes
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0	No	Yes
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0	No	Yes
35950	Yes	No
0	No	No

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

West side for 3rd St.
West side of 3rd St.
Manhole at 37084 Edgewood (Private Dr.)
Manhole at 20643 Roff Way
37420 Cornaz Drive
Manhole at Red School lower field
21111 black ranch road main lift station
Manhole at 20386 Crews Way
Manhole Juniper st.
Manhole at end of Oak St.
Manhole
Manhole
Manhole Fir st. easment
Main lift station
Manhole at back of red school
Burney
Skansen CSA 21
Yellow Pine
Plumas circle
MM Line
2843 Montgomery
12 Service Circle
16 Rockridge Road
Riverview Terrace Pump Station
SS MH#62
2150 Gray Street
2732 Fay Way
133 Edgewood
Manhole KK4
Manhole LL-1
86 Grand Ave
Manhole GG-9
3579 Oro Dam Boulevard
Manhole JJ-52
MH KK-37
3475 Charlene
Manhole JJ-47
Manhole T-2
31 Acacia Avenue
3620 Ashley Avenue
MH 83
Cleanout T-2LH
JJ4 - JJ5
Manhole KK-37
3475 Charlene
Manhole JJ26
Manhole XX-7
Manhole JJ48
MH XX1
Manhole Z2
2136 Pine Sreet
Riverview LS
MH Z24
MH-JJ25
Manhole Y6

		Butte
		Butte
40.873003	-121.667861	Shasta
40.888056	-121.658889	Shasta
40.891664	-121.654578	Shasta
40.524845	-121.401262	Shasta
40.541177	-121.391481	Shasta
40.88042	-121.662819	Shasta
40.866667	-121.666667	Shasta
40.878433	-121.670353	Shasta
40.882222	-121.672222	Shasta
40.883972	-121.672528	Shasta
40.880278	-121.669722	Shasta
40.903333	-121.654167	Shasta
40.880028	-121.670278	Shasta
40.880833	-121.669722	Shasta
39.708333	121.738611	Butte
41.406575	120.678742	Modoc
40.309719	-121.225878	Plumas
39.49	-121.52	Butte
39.52	-121.54	Butte
39.52	-121.53	Butte
39.52	-121.53	Butte
39.52	-121.55	Butte
39.5	-121.55	Butte
39.5076	-121.5577	Butte
39.5071	121.4563	Butte
39.4992	121.5189	Butte
39.5179	-121.529	Butte
39.5001	-121.531	Butte
39.5187	-121.5637	Butte
39.5124	-121.5371	Butte
39.5174	-121.535	Butte
39.5188	-121.5267	Butte
39.5194	-121.5328	Butte
39.5136	-121.5366	Butte
39.5173	-121.5293	Butte
39.5112	-121.5507	Butte
39.515	-121.5319	Butte
39.5133	-121.5339	Butte
39.5114	-121.5423	Butte
39.5112	-121.5507	Butte
39.5151	-121.5368	Butte
39.5196	-121.5326	Butte
39.5138	-121.5369	Butte
39.5167	-121.5349	Butte
39.5285	-121.5653	Butte
39.5171	-121.5281	Butte
39.5265	-121.5625	Butte
39.5049	-121.5495	Butte
39.5071	-121.557	Butte
39.5215	-121.5494	Butte
39.5058	-121.55	Butte
39.5165	-121.5353	Butte
39.504444	-121.546667	Butte

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Manhole at the end of Edgewood St.
Manhole at the Northwest corner of Roff Way
Manhole just past paved portion of Cornaz Drive, in front of 37420 Cornaz Drive residence
Lower field of the Red School
Overflow at main lift station. Pump ragged up, alarm failed
Manhole on Crews Way
Manhole infront of Civic Park on Juniper st.
Manhole in field at end of Oak St
Manhole on dirt road behind above address
Manhole on dirt road behind and 50 yards north of above address
Manhole at end of alley on Burney Creek bank. Alley located at East end of Fir Street
Overflow at main lift station
Manhole at back of red school
Manhole in street at alley north end of Orchard

Cross country sewer main north of Foothill Boulevard
Along edge of roadway at Montgomery & Linden

5 gallons or less exited manhole; balance of SSO entered private residence located at 16 Rockridge Road
SS flow exited manhole adjacent to pump station

Front yard cleanout at 2150 Gay Street
Area around SS Manhole Y-32
Unamed small creek
Sewer manhole KK4

Residential cleanout
Manhole GG-9

sewer cleanout
Manhole JJ-47
SS manhole
Sewer cleanout at 31 Acacia Avenue
Private cleanout
Street manhole MH 83
Cleanout in street
Sidewall of open earth ditch about 2 - 3 feet above water line
Manhole KK-37

Manhole adjacent to the Dry Creek water course
Manhole
Manhole

Back yard of 2136 Pine Street
Ground outside lift station
Manhole Z24
Manhole within Pleasant Valley Mobile Home Park
Manhole Y6

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

Sewer seeping from manhole lid

Overflow of main lift station wet well

Private residence located at 16 Rockridge Road

Overflow from manhole MM10 located in an unamed creek

Residential cleanout

Sewer cleanout located at the end of a 6 gravity sewer pipe serving a limited number of connections

Private cleanout

Street cleanout
Sidewall of open earth ditch

City Cleanout

Back yard clean out of 2136 Pine Street

Off road manhole

Unpaved surface

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

Into dirt around the raised manhole

Spill absorbed by the ground, dirt removed
Field surrounding lift station

No curb or gutter on street, just dirt
Absorbed into earth

Cow Pasture
absorbed into field

street at cleenout

Spill migrated over unpaved (soil) surface

seasonal drainage course - small drainage ditch
Spill left cleanout and flowed over a soil and weeded surface before reaching a storm drain inlet located on the adjacent s

Storm drain drop inlet

Small ground surface area surrounding a private cleanout

Exposed earth material outside lift station

1/20/2009 11:00	1/20/2009 11:30	1/20/2009 11:40	1/20/2009 11:50
1/20/2009 11:00	1/20/2009 11:30	1/20/2009 11:40	1/20/2009 11:50
4/29/2009 17:30	4/29/2009 17:30	4/29/2009 17:20	4/29/2009 17:35
5/19/2009 10:30	5/19/2009 10:30	5/19/2009 10:40	5/19/2009 10:45
6/19/2009 15:45	6/19/2009 15:59	6/19/2009 16:10	6/19/2009 16:20
1/14/2010 9:50	1/14/2010 9:55	1/14/2010 9:55	1/14/2010 10:10
4/15/2010 8:00	4/15/2010 8:00	4/15/2010 8:05	4/15/2010 8:10
5/10/2010 22:00	5/11/2010 13:15	5/11/2010 13:45	5/11/2010 14:05
9/11/2010 0:00	9/11/2010 10:00	9/11/2010 10:00	9/11/2010 10:10
4/26/2011 0:00	4/26/2011 13:40	4/26/2011 13:50	4/26/2011 14:00
8/11/2011 12:00	8/11/2011 15:30	8/11/2011 15:35	8/11/2011 16:15
8/28/2011 10:00	8/28/2011 10:20	8/28/2011 10:40	8/28/2011 10:45
1/25/2012 9:30	1/26/2012 9:30	1/26/2012 9:30	1/26/2012 9:45
3/28/2012 7:50	3/28/2012 8:00	3/28/2012 8:10	3/28/2012 8:15
4/1/2012 18:00	4/1/2012 20:17	4/1/2012 20:30	4/1/2012 20:35
8/28/2012 6:00	8/28/2012 6:31	8/28/2012 6:55	8/28/2012 7:00
1/2/2008 0:00	1/3/2008 0:00	1/3/2008 0:00	1/3/2008 0:00
2/25/2008 0:00	2/25/2008 10:00	2/25/2008 10:05	2/25/2008 11:00
8/17/2011 12:30	8/17/2011 12:30	8/17/2011 12:35	8/17/2011 12:38
12/24/2007 14:50	12/24/2007 15:00	12/24/2007 15:15	12/24/2007 15:30
2/4/2008 11:00	2/4/2008 13:00	2/4/2008 13:15	2/4/2008 13:30
3/26/2008 22:50	3/26/2008 22:50	3/26/2008 23:25	3/27/2008 0:20
4/2/2008 12:00	4/2/2008 14:30	4/2/2008 14:50	4/2/2008 14:55
5/18/2008 13:00	5/18/2008 13:30	5/18/2008 14:50	5/18/2008 14:50
7/30/2008 9:00	7/30/2008 9:00	7/30/2008 9:30	7/30/2008 10:00
10/28/2008 9:00	10/28/2008 9:40	10/28/2008 9:46	10/28/2008 10:00
1/8/2009 0:00	1/8/2009 12:30	1/8/2009 13:30	1/8/2009 13:35
2/27/2009 13:00	2/27/2009 14:30	2/27/2009 15:00	2/27/2009 15:30
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12/25/2009 8:00	12/25/2009 9:10	12/25/2009 10:00	12/25/2009 10:05
12/29/2009 2:00	12/29/2009 9:35	12/29/2009 9:55	12/29/2009 10:30
12/29/2009 13:30	12/29/2009 14:00	12/29/2009 14:15	12/29/2009 14:30
2/22/2010 9:00	2/22/2010 15:15	2/22/2010 16:00	2/22/2010 16:15
8/2/2010 0:00	8/2/2010 15:50	8/2/2010 16:20	8/2/2010 16:40
10/6/2010 0:00	10/6/2010 17:10	10/6/2010 18:00	10/6/2010 18:30
12/31/2010 0:00	12/31/2010 13:30	12/31/2010 13:45	12/31/2010 13:50
1/7/2011 0:00	1/7/2011 9:10	1/7/2011 9:20	1/7/2011 9:25
1/24/2011 0:00	1/24/2011 12:05	1/24/2011 12:20	1/24/2011 12:30
2/17/2011 0:00	2/17/2011 14:00	2/17/2011 14:10	2/17/2011 14:30
3/6/2011 0:00	3/6/2011 13:30	3/6/2011 13:45	3/6/2011 13:50
7/9/2011 0:00	7/11/2011 9:15	7/11/2011 9:20	7/11/2011 9:35
8/10/2011 8:40	8/10/2011 8:45	8/10/2011 8:59	8/10/2011 9:05
12/17/2011 0:00	12/17/2011 12:00	12/17/2011 12:45	12/17/2011 14:30
1/6/2012 0:00	1/6/2012 12:30	1/6/2012 12:40	1/6/2012 13:15
2/6/2012 9:35	2/6/2012 9:45	2/6/2012 9:50	2/6/2012 9:55
2/6/2012 17:45	2/6/2012 18:00	2/6/2012 18:20	2/6/2012 18:25
2/16/2012 17:10	2/16/2012 17:20	2/16/2012 17:40	2/16/2012 17:45
3/2/2012 11:35	3/2/2012 11:45	3/2/2012 11:50	3/2/2012 12:30
8/22/2012 14:00	8/22/2012 14:55	8/22/2012 15:10	8/22/2012 15:15
10/6/2012 6:00	10/6/2012 12:45	10/6/2012 13:05	10/6/2012 13:10
11/2/2012 16:40	11/2/2012 17:00	11/2/2012 17:10	11/2/2012 17:15
12/1/2012 10:15	12/2/2012 10:15	12/2/2012 10:35	12/2/2012 11:15
1/22/2013 10:00	1/22/2013 11:40	1/22/2013 12:15	1/22/2013 12:30

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

Called out on sewer clog, Manhole began to overflow while Burney Water employees where on sight to rod the sewer ma

Pump ragged up, influent flow greater than effluent flow

Paper pluged main, overflowed manhole

Power outage knocked VSD offline, shutting the mainlift down

customer was running a garden hose in thier sewer cleanout while the sewer main had a blockage.

A blockage consisting of primarily mediacal waste (rubber gloves, diapers, etc) and grease

The cause was a 7-foot long root that had been cut from a privately owned lateral somewhere upstream of the manhole.

Rooit from private lateral entered collection system

Exact cause unknown. This pipe was previously lined, therefore, root intrusion is not possible. The exact cause is likely
Root intrusion from private lateral into City main. Although this blockage resulted in an SSO from a City manhole, the pri

Main
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Other (specify below)
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Other (specify below)

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

Main lift station

Manhole

Point of entry to manhole Y-32

No Failure of Asset - SSO occurred due to debris disposal into a manhole

No failure of City asset - Private lateral root lodged in City manhole
Manhole
Lift station circuit breaker tripped (reason unknown)

There was no failure of the City's sewer collection system. SSO was caused by private lateral root intrusion into City mai

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10	Clay
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6	Clay
6	Clay
6	
6	
6	PVC
8	PVC

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40

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

Rodded sewer, removed contaminated soil
Sewer spill absorbed by debris in Storm Drain

Used a vactor to capture 1000 gallons while waiting for rodder
Removed all contaminated dirt

Used a trailer mounted rodder to clear the main
Got the main lift back online and operational

used 3/4 cynders to absorb spill
Fixed pipe at joint

Inspected next downstream manhole. Determined existence of partial blockage. Jet rodded between 2 manholes. Remo
Jet rod line; TV line; schedule line for chem root treatment
Cleared root ball and resored flow in City main. Made arrangements to relocate residents. Arranged for private spill resp

Pump station was broken into and pump station pums had been turned off. Pumps were restarted to terminat backup.

5/11/2010 16:00

1/26/2012 10:55

12/24/2007 15:30

2/27/2009 18:00

2/22/2010 16:15

2/17/2011 14:30

7/11/2011 9:35

1/6/2012 14:00

12/2/2012 11:15
1/22/2013 12:30

Added sewer to preventive maintenance program;Adjusted schedule/method of preventive maintenance;Plan rehabilitatic

Other (specify below)

Other (specify below)

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)

A high level alarm is in the works for this manhole

Jet rodded to remove root ball This and other lines scheduled for annual Chemroot treatment; contract recently awarded

Removal of debris from manhole

The pipe defect that allowed the release will be scheduled for repair within the next week

Applied a sealant to the manhole cover rime to make it much more difficult to remove the manhole cover

No corrective action required. Pipe is in good condition. Cause of blockage is considered an anomoly.
Compliance notice issued to owner of private lateral as this was the cause of the SSO. Notice will require owner to repair

No

No

No

No

No

No

No

No

No

No

Did not reach receiving water

No visual damage, paper products captured by weeds before entry into receiving water

Water clear no debri in water at location of spill or downstream

Small spill greatly diluted; no odors; no impact.

Spill was greatly diluted due to wet weather flows in creek at the time of the overflow

Minor amount of soil above water line treated with 1 gallon of bleach; no adverse impacts to waterway due to low rate of i

Creek was running high due to 3 days of continued rain. SSO was highly diluted due to I&I within collection system and c

No

No

No

No

No

No

No

No

No

No

NA

NA

NA

NA

None

None

None

Burney Creek
none
None
None
none
Burney Creek
None

none

No name for small seasonal drainage course.

Unnamed creek tributart to Dry Creek

NA

None
None
None
Dry Creek
None
Dry Creek
None
None
Dry Creek
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None
None
None
None
None
None
Dry Creek
None

No water quality samples taken

Biological indicator(s) - 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

No water quality samples taken

No water quality samples taken
No water quality samples taken

MPN25 samples taken upstream, downstream, and at spill location. Samples taken to Basic Labs in Redding

No water quality samples taken

Regional Water Quality Control Board

None of the above

Not applicable to this spill

None of the above

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

90494	1/20/2009 12:46
90494	1/20/2009 13:00
94492	6/19/2009 17:14
102945	5/11/2010 17:15
91785	3/2/2009 14:50
101357	2/23/2010 16:45
110974	2/17/2011 15:12
114132	7/11/2011 10:44
120112	1/6/2012 14:20
127313	12/2/2012 12:40

5SSO10799	Active	791203	Richard H. Walls	Certified
5SSO10801	Active	656783	Josh Keener	Certified
5SSO10801	Active	704995	John Tasello	Certified
5SSO10801	Active	705035	John Tasello	Certified
5SSO10801	Active	705693	John Tasello	Certified
5SSO10801	Active	706433	John Tasello	Certified
5SSO10801	Active	710886	Dwayne Norman	Certified
5SSO10801	Active	712399	Dwayne Norman	Certified
5SSO10801	Active	713952	Josh Keener	Certified
5SSO10801	Active	714573	Dwayne Norman	Certified
5SSO10801	Active	714647	Dwayne Norman	Certified
5SSO10801	Active	715594	Dwayne Norman	Certified
5SSO10801	Active	715919	Dwayne Norman	Certified
5SSO10801	Active	716213	dwayne norman	Certified
5SSO10801	Active	717019	Josh Keener	Certified
5SSO10801	Active	717203	Dwayne Norman	Certified
5SSO10801	Active	718946	Josh Keener	Certified
5SSO10801	Active	719566	Dwayne Norman	Certified
5SSO10801	Active	721140	Dwayne Norman	Certified
5SSO10801	Active	724287	Josh Keener	Certified
5SSO10801	Active	724780	Josh Keener	Certified
5SSO10801	Active	726598	Dwayne Norman	Certified
5SSO10801	Active	726890	Dwayne Norman	Certified
5SSO10801	Active	727172	Dwayne Norman	Certified
5SSO10801	Active	727241	Dwayne Norman	Certified
5SSO10801	Active	727712	Dwayne Norman	Certified
5SSO10801	Active	727758	Dwayne Norman	Certified
5SSO10801	Active	727792	Dwayne Norman	Certified
5SSO10801	Active	729098	Dwayne Norman	Certified
5SSO10801	Active	729815	Josh Keener	Certified
5SSO10801	Active	730313	Dwayne Norman	Certified
5SSO10801	Active	730954	Josh Kerener	Certified
5SSO10801	Active	731259	Josh Keener	Certified
5SSO10801	Active	731260	Dwayne Norman	Certified
5SSO10801	Active	731487	Josh Keener	Certified
5SSO10801	Active	731515	Dwayne Norman	Certified
5SSO10801	Active	731520	Dwayne Norman	Certified
5SSO10801	Active	731669	Dwayne Norman	Certified
5SSO10801	Active	733610	Dwayne Norman	Certified
5SSO10801	Active	735094	Dwayne Norman	Certified
5SSO10801	Active	735098	Dwayne Norman	Certified
5SSO10801	Active	735141	Dwayne Norman	Certified
5SSO10801	Active	735145	Dwayne Norman	Certified
5SSO10801	Active	735435	Dwayne Norman	Certified
5SSO10801	Active	735663	Dwayne Norman	Certified
5SSO10801	Active	737120	Dwayne Norman	Certified
5SSO10801	Active	737314	Dwayne Norman	Certified
5SSO10801	Active	746709	jvandiver	Certified
5SSO10801	Active	747268	Josh Keener	Certified
5SSO10801	Active	747466	Josh Keener	Certified
5SSO10801	Active	748245	Josh Keener	Certified
5SSO10801	Active	748320	Josh Keener	Certified
5SSO10801	Active	748623	Josh Keener	Certified
5SSO10801	Active	749182	Josh Keener	Certified
5SSO10801	Active	749190	Josh Keener	Certified

Senior Civil Engineer
Compliance Coordinator
Supervisor - Wastewater Collectiion System
Supervisor - Wastewater Collection System
Supervisor, Wastewater Collection System
Supervisor - Wastewater Collection
Collections Supervisor
Wastewater Collections Supervisor
Compliance Coodinator
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Supervisor Wastewater Collections
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Wastewater Compliance Coordinator

Oroville, CA		197034
	5:29 PM	195740
Redding, Ca		952237
Redding		901449
Redding		430123
Redding		322944
Redding		663777
City of Redding		617791
	4:59 PM	461212
Redding		505835
Redding		366325
Redding		538889
Redding California		776126
redding california		836488
	4:34 PM	781682
Redding		145747
	4:05 PM	345113
Redding		283901
Redding		100086
	1:36 PM	944793
	4:41 PM	999926
Redding California		444784
Redding California		567216
Redding California		939464
Redding California		393491
Redding California		805234
Redding California		798900
Redding California		306067
Redding California		113706
	5:46 PM	884532
Redding		164513
	3:54 PM	602435
	5:16 PM	223421
Redding Ca.		829394
	9:34 AM	206858
Redding California		854586
Redding California		751276
Redding California		281622
Redding California		148484
Redding, CA		906023
Redding, CA		842177
Redding, CA		779543
Redding, CA		382194
Redding California		314201
Redding California		233433
Redding California		858457
Redding California		807959
RMU		233471
	12:53 PM	255270
	2:41 PM	543121
	11:26 AM	980981
	2:47 PM	291745
	3:03 PM	375468
	3:36 PM	110068
	4:20 PM	461086

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

Category 3	20	0
Category 3	4	4
Category 3	540	540
Category 3	100	100
Category 1	20155	0
Category 1	2520	100
Category 1	250	0
Category 1	22500	0
Category 1	900	900
Category 1	10000	0
Category 1	23000	0
Category 3	10	0
Category 3	400	400
Category 3	125	125
Category 1	700	700
Category 3	20	0
Category 1	75000	75000
Category 3	100	0
Category 3	50	0
Category 1	200	200
Category 1	30	30
Category 3	500	500
Category 3	3	0
Category 3	200	0
Category 2	3000	3000
Category 3	100	100
Category 3	120	120
Category 3	100	100
Category 3	350	350
Category 3	500	500
Category 3	500	0
Category 3	10	0
Category 3	200	200
Category 3	200	200
Category 3	15	15
Category 2	3000	3000
Category 3	15	15
Category 2	1500	1500
Category 1	500	400
Category 1	25500	0
Category 1	51000	0
Category 2	40000	40000
Category 2	30000	30000
Category 3	100	100
Category 3	400	400
Category 3	15	15
Category 1	1400	1400
Category 3	20	20
Category 1	600	600
Category 3	115	115
Category 3	2	2
Category 1	1680	0
Category 1	150	0
Category 3	60	60
Category 1	30	0

0	No	No
0	No	No
	No	No
	No	No
20155	Yes	Yes
2420	Yes	No
250	Yes	Yes
22500	Yes	Yes
900	Yes	No
10000	Yes	Yes
23000	Yes	Yes
0	No	No
0	No	No
0	No	No
700	Yes	Yes
0	No	No
75000	Yes	Yes
0	No	No
0	No	No
200	Yes	No
30	Yes	No
0	No	Yes
0	No	No
0	No	No
0	No	No
0	No	Yes
0	No	Yes
0	No	No
0	No	Yes
0	No	Yes
0	No	No
0	No	No
0	No	Yes
0	No	Yes
0	No	No
0	No	No
0	No	No
0	No	No
100	Yes	Yes
25500	Yes	Yes
51000	Yes	Yes
0	No	No
0	No	No
0	No	No
0	No	Yes
0	No	No
1400	Yes	No
0	No	No
600	Yes	No
0	No	Yes
0	No	No
1680	Yes	No
150	Yes	Yes
0	No	No
30	Yes	Yes

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

Private Cleanout
1000 block of East St.
2070 Skyline Drive
795 Lincoln St.
Jenny Creek
Pioneer Drive
Lakeside
1681 East Cypress
Eureka Way @ Willis St.
Foothill Water Treatment Plant
Foothill Water Treatment Plant
Almond Street
Magnums Way Spill
Washington Avenue Spill
1055 Harpole
1977 Salzburg Dr.
Patterson Court
2830 King Way
Ridge Drive
Remington Lift Station
Manhole N2-35 along Placer St.
1035 Placer Street
Pioneer High School
410 Overhill Dr.
410 Overhill Drive
Shasta @ Almond
963 West St.
2439 Placer St.
LeBrun Ave
Lancers Lane @ Burton Ct. manhole J10-15
300 Boulder Creek Dr
Manhole O11-19, adjacent to 2933 West Way
1130 Continental St.
1130 Continental St.
1717 Benton Dr
North Market Lift Station
1717 Benton Drive
2151 Wilson Ave
Lake Blvd
Willis Street
Orange Ave
Mary Street Lift
North Market Lift Station
Venus Way
Tiger Field
Benton Drive
Terra Linda Way
Cascade Theater
In greenway behind 11780 Talofa Dr in Redding, CA
In Cottonwood Avenue adjacent to residence at 1540 Cottonwood Avenue
In street north of and adjacent to 705 Loma Vista Dr.; Manhole R9-45
Sewer pipe crossing Cypress Bridge- near middle of bridge
Manhole L3-8, in Lakeside Dr. near the street's intersection with Regatta Ct.
630 Twin View Blvd
SSO discharged from rod hole # J5-41, located in West st right-of-way

39.519444	-121.565278	Butte
40.59041	-122.389782	Shasta
40.575844	-122.397073	Shasta
40.578019	-122.381384	Shasta
40.587168	-122.417346	Shasta
40.58657	-122.417188	Shasta
40.579745	-122.425567	Shasta
40.571091	-122.338838	Shasta
40.58656	-122.400375	Shasta
40.582151	-122.415905	Shasta
40.582797	-122.413465	Shasta
40.584409	-122.407617	Shasta
40.623961	-122.402299	Shasta
40.57816	-122.370385	Shasta
40.553815	-122.350837	Shasta
40.577084	-122.324482	Shasta
40.620027	-122.390985	Shasta
40.566267	-122.329453	Shasta
40.581988	-122.427885	Shasta
40.567393	-122.425417	Shasta
40.567121	-122.429603	Shasta
40.583091	-122.384173	Shasta
40.590349	-122.412227	Shasta
40.590855	-122.409922	Shasta
40.59085	-122.409925	Shasta
40.582589	-122.407357	Shasta
40.588634	-122.400708	Shasta
40.57862	-122.403119	Shasta
40.560962	-122.384631	Shasta
40.590568	-122.34816	Shasta
40.614203	-122.3661	Shasta
40.564925	-122.334895	Shasta
40.589157	-122.386697	Shasta
40.589157	-122.386697	Shasta
40.599731	-122.388586	Shasta
40.593256	-122.382896	Shasta
40.599731	-122.388586	Shasta
40.566384	-122.329903	Shasta
40.613283	-122.382714	Shasta
40.586535	-122.400378	Shasta
40.582787	-122.402236	Shasta
40.590939	-122.410021	Shasta
40.93302	-122.382804	Shasta
40.553389	-122.332115	Shasta
40.575106	-122.383886	Shasta
40.599618	-122.388641	Shasta
40.618961	-122.363484	Shasta
40.58195	-122.38954	Shasta
40.628197	-122.34485	Shasta
40.577936	-122.414347	Shasta
40.549339	-122.357401	Shasta
40.571862	-122.372796	Shasta
40.579568	-122.425645	Shasta
40.61743	-122.372146	Shasta
40.588528	-122.400684	Shasta

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Private Cleanout
At the dead end of East St.
Manhole M5-12 in the middle of Skyline Drive
In the back yard of 795 Lincoln St.
Behind and to the northeast of 890 Pioneer Court
Behind and to the west of 3035 Pioneer Drive.
Manhole L3-22 in middle of Lakeside Dr.
Intersection of east cypress and bunker street.
This report was initally certified on 2/29/08. Per CIWQS email request, I updated the report based on written records foun
Manhole K4-44
Manhole Number's K4-33 and K4-34 which is in backyard of 3057 Foothill Blvd

Vacant lot behind 3345 Magnums Way
Manhole L8-15 side of roadway in curb and gutter.

In planter strip northeast side of street @ curb and gutter.

Manhole J10-15, in Lancers Ln. right-of-way

Manhole O11-19, adjacent to 2933 West Way

Spill from rodhole number G6-55 DE on edge of paved roadway. Spill traveled south east along curb and gutter b ut neve
Retention pond at the North Market sewer lift station. Pond is designed with clay lined bottom to capture overflows from s
Effluent discharged from sanitary sewer rod hole in fron of 1717 Benton Drive

In green belt area behind 7831 Terra Linda Way. Spill was from sanitary sewer manhole east of I-5 and north of highway

In greenway located roughly behind the residence at 11780 Talofa Dr
Manhole L4-10 in middle of Cottonwood Dr.
Manhole R9-45; In Loma Vista Dr.

Manhole L3-8, in Lakeside Dr. near the streets intersection with Regatta Ct.
SSO occurred inside of the building at 630Twin View Blvd. and was completly contained within the building.
SSP discharged from rod hole # J5-41, located in West st right-of-way

d. I was not employed at the time of eve

er reached storm drain or catch basin.
tation in emergency situations.

299 east

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

Out of a 4 clean-out and into a planter area of the back yard.
This is a 12 inch steel gravity sewer that was constructed above ground and supported on concrete piers.
This is a section of 6 inch steel wrapped pipe that is elevated above ground.
wastewater discharging from pickhole of manhole

Manhole Number K4-44

Residents Cleanout

Cleanout from building at 1035 Placer Street

excavation pit used by contractor working on sewer pipeline

Rod hole
Overflow gate valve in manhole adjacent to station wet well.
rod hole

N/A
N/A
N/A
Small crack in gravity sewer line crossing bridge.

rod hole

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

4 area drain connected to the City storm drain.
The spill went approximately 70 feet to Jenny Creek which flows 3400 to outfall into the Sacramento River.
The spill was located approximately 80 feet away and uphill of Jenny Creek.
minimal amount of discharge occured during significant rain event. Total 24 hour rainfall for this event was 2.56 inches.
Storm Drain discharges into Churn Creek

Tributary to Jenny Creek
Tributary to Jenny Creek

Flow was contained in an unnamed drainage ditch that runs into an unnamed tributary of Churn Creek. Flow did not reach

Back Yard of Residence

Overflow entered drainage channel next to Remington Lift Station. 100% of spill was captured and returned to the Sanitai
Beaver pond along small unnamed tributary to Canyon Hollow Creek.

Contractor broke 6 VCP pipe during excavation. Sewage remained in the ditch and was cleaned up and disposed of.
All sewage remained in the ditch that contractor was working in
All sewage was contained with in the excavation ditch that contractor was working in.

Storm drain catch basin in alley on 9th St.. Were able to sandbag outlet to pevent furthewr migration of effluent.
Sewage discharged out of the cleanout of the address listed above. Was contained within the landscape area of residenc

Pooled up along curb and gutter. Because of low volume the spill only traveled approximately 50 feet SE along curb and
overflow / retention pond at lift station

Contained within emergency overflow pond
Contained within emergency overflow pond

yard adjacent to cleanout of residence
Spill final destination was a beaver pond just south of Country Oaks Dr. and Mica Ct.

Spill traveled roughly 50 yards south along a dry drainage ditch where it was contained by sandbags.
Spill captured in storm drain roughly 250 ft from location of spill.
Spill did not reach curb and gutter and was contained in street
Sacramento River

Spill reached storm drain leading into an unnamed tributary of Sciarra Slough

1/29/2013 9:30	1/29/2013 11:05	1/29/2013 11:15	1/29/2013 11:30
9/3/2007 0:00	9/3/2007 18:26	9/3/2007 19:02	9/3/2007 19:07
10/10/2007 0:00	10/10/2007 7:30	10/10/2007 8:00	10/10/2007 8:15
10/10/2007 0:00	10/10/2007 12:50	10/10/2007 13:05	10/10/2007 13:11
10/15/2007 13:14	10/15/2007 13:15	10/15/2007 13:41	10/15/2007 15:40
10/15/2007 8:00	10/22/2007 12:15	10/22/2007 12:15	10/22/2007 14:29
1/4/2008 0:00	1/4/2008 9:10	1/4/2008 9:30	1/4/2008 9:35
2/2/2008 0:00	2/2/2008 22:00	2/2/2008 22:30	2/3/2008 1:30
2/25/2008 0:00	2/25/2008 15:25	2/25/2008 15:30	2/25/2008 16:15
3/3/2008 0:00	3/3/2008 14:15	3/3/2008 14:35	3/3/2008 14:15
3/5/2008 0:00	3/5/2008 13:00	3/5/2008 13:15	3/5/2008 13:22
3/31/2008 0:00	3/31/2008 12:15	3/31/2008 12:35	3/31/2008 12:45
4/6/2008 0:00	4/6/2008 11:35	4/6/2008 12:10	4/6/2008 12:30
4/15/2008 0:00	4/15/2008 15:35	4/15/2008 15:48	4/15/2008 16:00
5/3/2008 0:00	5/4/2008 19:20	5/4/2008 19:45	5/4/2008 19:55
5/9/2008 0:00	5/9/2008 11:10	5/9/2008 11:20	5/9/2008 11:25
6/3/2008 0:00	6/3/2008 13:15	6/3/2008 13:45	6/3/2008 14:00
6/13/2008 0:00	6/13/2008 22:40	6/13/2008 23:15	6/13/2008 23:35
6/29/2008 0:00	6/30/2008 11:00	6/30/2008 11:30	6/30/2008 12:00
8/5/2008 0:00	8/5/2008 11:30	8/5/2008 12:00	8/5/2008 14:00
8/14/2008 0:00	8/14/2008 20:00	8/14/2008 20:30	8/14/2008 20:45
9/18/2008 0:00	9/18/2008 14:35	9/18/2008 14:50	9/18/2008 15:05
9/24/2008 0:00	9/24/2008 14:30	9/24/2008 14:45	9/24/2008 11:10
9/29/2008 0:00	9/29/2008 14:00	9/29/2008 14:00	9/29/2008 14:05
10/1/2008 0:00	10/1/2008 8:15	10/1/2008 8:15	10/1/2008 8:20
10/8/2008 0:00	10/8/2008 10:00	10/8/2008 10:25	10/8/2008 10:48
10/10/2008 0:00	10/10/2008 3:30	10/10/2008 3:45	10/10/2008 3:55
10/11/2008 0:00	10/13/2008 12:00	10/13/2008 12:15	10/13/2008 12:20
11/8/2008 0:00	11/8/2008 16:15	11/8/2008 16:40	11/8/2008 16:50
11/24/2008 0:00	11/24/2008 19:05	11/24/2008 19:35	11/24/2008 19:40
12/7/2008 0:00	12/7/2008 18:48	12/7/2008 19:20	12/7/2008 19:40
12/20/2008 0:00	12/20/2008 17:00	12/20/2008 17:30	12/20/2008 17:35
12/30/2008 0:00	12/30/2008 8:30	12/30/2008 8:45	12/30/2008 8:50
12/30/2008 0:00	12/30/2008 8:30	12/30/2008 8:45	12/30/2008 8:50
1/6/2009 0:00	1/6/2009 11:22	1/6/2009 12:00	1/6/2009 12:15
1/4/2009 0:00	1/4/2009 10:30	1/4/2009 10:10	1/4/2009 10:50
1/6/2009 0:00	1/6/2009 11:22	1/6/2009 11:45	1/6/2009 12:15
1/9/2009 0:00	1/9/2009 11:15	1/9/2009 11:35	1/9/2009 12:20
2/16/2009 0:00	2/16/2009 10:40	2/16/2009 11:15	2/16/2009 11:20
3/16/2009 0:00	3/16/2009 13:45	3/16/2009 14:00	3/16/2009 17:15
3/16/2009 0:00	3/16/2009 13:50	3/16/2009 14:00	3/16/2009 17:15
3/16/2009 0:00	3/16/2009 14:15	3/16/2009 14:30	3/16/2009 17:00
3/16/2009 0:00	3/16/2009 13:40	3/16/2009 14:00	3/16/2009 18:00
3/24/2009 0:00	3/24/2009 11:10	3/24/2009 11:30	3/24/2009 11:40
3/27/2009 0:00	3/27/2009 19:40	3/27/2009 20:20	3/27/2009 20:45
5/2/2009 0:00	5/2/2009 11:12	5/2/2009 11:30	5/2/2009 11:40
5/9/2009 0:00	5/9/2009 7:40	5/9/2009 8:10	5/9/2009 8:40
11/7/2009 0:00	11/7/2009 10:04	11/7/2009 10:30	11/7/2009 10:40
11/27/2009 0:00	11/30/2009 6:30	11/30/2009 6:55	11/30/2009 7:35
12/10/2009 0:00	12/10/2009 10:05	12/10/2009 10:15	12/10/2009 10:28
1/5/2010 0:00	1/5/2010 13:16	1/5/2010 13:45	1/5/2010 14:00
1/11/2010 0:00	1/11/2010 13:45	1/11/2010 14:20	1/11/2010 16:30
1/20/2010 0:00	1/20/2010 13:50	1/20/2010 13:57	1/20/2010 14:15
2/5/2010 0:00	2/5/2010 7:55	2/5/2010 8:02	2/5/2010 8:10
2/7/2010 0:00	2/7/2010 9:30	2/7/2010 10:00	2/7/2010 10:10

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

water treatment plant contractor was pumping out backflush water from filter basin, causing manhole to overflow from exc
Water Treatment Contractor was pumping back flush water from filter basin causing manholes to overflow. Telephone cal

Newly constructed amnhole. Contractor left debris catcher in bottom of manhole causing blockage.

Contractor damaged pipe during excavation aproximately 3 gallons of sewage pilled into the ditch.
Contractor working on sanitary sewer system, inflatable plug failed causing sewage to enter excavation ditch.
Inflatatble plug used by contractor deflated causing sanitary sewer to flood excavation pit

Loss of power to Station and because of internal electrical problem station did not transfer to standby generator.

Debris in manhole causing stoppage

N/A
Grease deposition and root intrusion
Stoppage caused by grease and debris
Construction crane on bridge collapsed, cracking the sewer line carrying wastewater across bridge.
Grease and roots restricted capacity of collection pipe, and heavy storm flows could not be contained.

Combination of grease, roots and large rags

Main

Main
cessive amounts of water
ll to contractor at 13:00 hours to halt pumping a

Main

Main
Main

Other (specify below)
Main

Main
Main
Main

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Main
Other (specify below)
Main
Main
Main

Other (specify below)

Main
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Main

ctivity.

Mainline blockage causing private lateral to overflow into back yard of residence

Sewer lift station

electrical control panel

Two 6 -8 diameter root balls plugged at Sewer Manhole invert. It appears that they came from upstream of manhole.

N/A
N/A
N/A

6 clay
6 VCP
8 VCP
12 Steel
6 steel
8 VCP

6 VCP
8
8

6 VCP
6 vcp
6 VCP

6 VCP
6 VCP
6 vcp

8 ABS
6 vcp

6 vcp
6 VCP
6 vcp

8 ABS
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18 vcp
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8 VCP
6
8
10 AC

6 vcp
6 vcp
6 VCP
6 VCP

8 ABS
8 VCP
6 VCP
16 CIP
8 VCP
6 VCP
6 VCP

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

We flushed the storm drain system with 2000 of water that was captured and returned to the sanitary sewer.
Perform bypass pumping while performing repair opertaions
We replaced the damaged section of pipe.

heavy rainfall caused excessive inflow and infiltration exceeding design capacity

overflow was due to hydraulic overload from the water treatment plant, operator shut down pumps when overflow was dis
T.V. Inspection of pipeline to ensure there were no blockages. Also replaced manhole lid and frame at K4-33.

Recovered 100% of 125 gallons effluent and 1000 gallons flush water from city hydrant. A total of 1125 gallons recoverec

Spill was containred to curb and gutter. Crews applied absorbant material to effected area, swept up and disposed of all tl

Amount of spill soaked into the surrounding ground area. The manhole lid was bolted down preventing any solids, paper c

Electrical problem in panel resolved by City electrician.

Flooding condition prohibited any containment or recovery of overflow
Flooding conditions prohibited capturing of overflow.

N/A
N/A
N/A
City of Redding Collection crews are currently fixing the broken segment of pipe.
Sampled the receiving waters for total and fecal coliform.

10/15/2007 16:00
10/22/2007 15:00
1/4/2008 9:35
2/3/2008 1:30
2/25/2008 18:30
3/3/2008 14:15
3/5/2008 13:30

5/4/2008 0:00

6/3/2008 21:00

8/5/2008 16:30
8/14/2008 22:00

10/1/2008 9:00

1/4/2009 11:00

1/9/2009 14:00
2/16/2009 12:30
3/16/2009 17:15
3/16/2009 17:15
3/16/2009 17:35
3/16/2009 18:30

5/12/2009 12:30

12/1/2009 11:00

1/11/2010 0:00
1/20/2010 14:30

2/8/2010 13:45

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

Adjusted schedule/method of preventive maintenance

Plan rehabilitation or replacement of sewer;Repaired sewer

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

Other (specify below)

Other (specify below)

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

Added sewer to preventive maintenance program;Adjusted schedule/method of preventive maintenance;Plan rehabilitatic

Plan rehabilitation or replacement of sewer

Repaired sewer
Other (specify below)

Added sewer to preventive maintenance program

isolated incident

Increase manhole inspection schedule
Notified Water Plant personnel to cease discharging of excess water into sanitary sewer system
Had contractor cease pumping operations to City sewer.

Removed roots from inside of manhole and sealed around barrel seams, Increase inspection interval.

Notified contractor to have backup plan for flow isolation

Electrical Panel repaired

Investigation to determine cause of I&I
Investigate to pinpoint source of I&I

N/A

Cleared line of grease, roots and debris; restored flow.

Yes
Yes
No
Yes
No
Yes
Yes

No

Yes

Yes
No

No

No

Yes
Yes
Yes
Yes
No
No

Yes

No

Yes
Yes

Yes

N/A
N/A
N/A
Receiving water was not apparently impacted, but water samples are being analyzed for coliform contamination
The drainage course was very full due to heavy rains earlier in day. Because of the high rate of flow there was no visually
N/A
Visual inspection from point of entry along drainage to its outlet into the Sacramento River showed no signs of sewage, s

Yes
Yes
No
No
No
No
No

No

Yes

Yes
No

No

No

No
No
No
No
No
No

Yes

Yes

No
Yes

No

NA
N/A
na
NA
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NA

NA

NA

NA
NA

NA

N/A

NA
NA
NA
NA
NA
NA

NA

N/A

N/A
N/A

N/A

None

Jenny Creek and the Sacramento River
Jenny Creek and the Sacramento River
Minor tributary to Jenny Creek
Churn Creek
Sciarra Slew
Un-named tributary to Jenny Creek
Un-named tributary to Jenny Creek

Flow entered a small, dry unnamed drainage ditch that runs into an unnamed tributary of Churn Creek.

Boulder Creek

The spill reached an unnamed drainage ditch.
The flow ended up in a beaver pond along a small, unnamed tributary of Canyon Hollow Creek.

NA

No records exist for this event and the reporting employee is no longer employed. I updated a range of information regarc

Spill did not reach surface water. No records were found for this event, and it appears that it was not certified upon entry.
Staff person who entered this event into CIWQS is no longer employed, and records of the event are nonexistant. From r

Reviewed this report on 3/7/11 for certification. I was not involved in this event, but this report confirms to the information
N/A

NA
Upper tributary to Boulder Creek
Sciarra Slough
Calaboose Creek
NA
NA

Boulder Creek

The spill reached a dry, unnamed drainage ditch and did not affect surface waters.

Sacramento River
Unnamed drainage course that eventually flows into Jenny Creek during the storm season.

Sciarra Slough

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

No water quality samples taken

Biological indicator(s) - specify below

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

Biological indicator(s) - specify below

Not applicable to this spill

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

Biological indicator(s) - specify below

Fecal coliform
Fecal Coliform and total coliform

Regional Water Quality Board advised no sampling required, due to heavy rainfall totals.

pH, residual chlorine, and turbidity
BOD, COD, TSS, pH, Metals, EC, Temperature, residual chlorine, total and fecal coliform.

Total and Fecal Coliform, Total and E Coli by Quantitray

Total Fecal and Total Coiform

total and fecal coliform

N/A- No surface water affected. The spill reached a dry, unnamed drainage ditch.

Samples are being analyzed for coliform (total and fecal) and electrical conductivity
Total and fecal coliform

Samples are being analyzed for total and fecal coliform

County Health Agency;Regional Water Quality Control Board
County Health Agency;Regional Water Quality Control Board
None of the above
None of the above
No water quality samples taken
None of the above
None of the above

No water quality samples taken

Regional Water Quality Control Board

None of the above
None of the above

None of the above

Not applicable to this spill

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

Regional Water Quality Control Board

None of the above

Regional Water Quality Control Board
None of the above

Regional Water Quality Control Board

Samples taken for record files. Results available on request.

Will report as soon as results are known.

N/A- No surface water affected. The spill reached a dry, unnamed drainage ditch.

Samples are currently being analyzed, and will be reported to the Regional Water Quality Control Board when available.
Sample results will be communicated to the Regional Water Quality Control Board when they are available.

Samples will be sent to Regional Board when they are available

76297	10/15/2007 14:10
76457	10/22/2007 16:52
81027	2/2/2008 23:30
80591	2/25/2008 16:45
82029	3/13/2008 14:35
81848	3/5/2008 15:00
82821	4/15/2008 16:58
83257	5/5/2008 8:00
83383	5/9/2008 12:00
83957	6/3/2008 14:15
85676	8/5/2008 13:55
85943	8/15/2008 9:00
86823	9/18/2008 15:10
87087	10/1/2008 9:15
87290	10/8/2008 11:07
87340	10/10/2008 4:43
88064	11/8/2008 16:55
88423	11/25/2008 7:55
88743	12/7/2008 20:15
89239	12/30/2008 9:57
89239	12/30/2008 9:57
90093	1/6/2009 12:20
90052	1/4/2009 12:00
90093	1/6/2009 12:30
90183	1/9/2009 12:57
91327	2/16/2009 12:20
92297	3/16/2009 15:30
92297	3/16/2009 15:30
92297	3/16/2009 15:30
92297	3/16/2009 15:30
92575	3/27/2009 21:18
93563	5/9/2009 10:45
97989	11/30/2009 9:00
98245	12/10/2009 11:17
100205	1/11/2010 14:05
100487	1/20/2010 15:00
100986	2/7/2010 11:01

5SSO10801	Active	749193	Josh Keener	Certified
5SSO10801	Active	749811	Josh Keener	Certified
5SSO10801	Active	752851	Josh Keener	Certified
5SSO10801	Active	754690	Josh Keener	Certified
5SSO10801	Active	756301	Josh Keener	Certified
5SSO10801	Active	756302	Josh Keener	Certified
5SSO10801	Active	756763	Josh Keener	Certified
5SSO10801	Active	757165	Josh Keener	Certified
5SSO10801	Active	758118	Josh Keener	Certified
5SSO10801	Active	759101	Josh Keener	Certified
5SSO10801	Active	759392	Josh Keener	Certified
5SSO10801	Active	762373	Josh Keener	Certified
5SSO10801	Active	763161	Josh Keener	Certified
5SSO10801	Active	763169	Josh Keener	Certified
5SSO10801	Active	765610	Josh Keener	Certified
5SSO10801	Active	765612	Josh Keener	Certified
5SSO10801	Active	766781	Josh Keener	Certified
5SSO10801	Active	768481	Josh Keener	Certified
5SSO10801	Active	771464	Josh Keener	Certified
5SSO10801	Active	771521	Josh Keener	Certified
5SSO10801	Active	774437	Josh Keener	Certified
5SSO10801	Active	775260	Josh Keener	Certified
5SSO10801	Active	775937	Josh Keener	Certified
5SSO10801	Active	778798	Josh Keener	Certified
5SSO10801	Active	778800	Josh Keener	Certified
5SSO10801	Active	782152	Josh Keener	Certified
5SSO10801	Active	783016	Josh Keener	Certified
5SSO10801	Active	783031	Josh Keener	Certified
5SSO10801	Active	783260	Josh Keener	Certified
5SSO10801	Active	786715	Josh Keener	Certified
5SSO10801	Active	787622	Josh Keener	Certified
5SSO10801	Active	790030	Josh Keener	Certified
5SSO10801	Active	790031	Josh Keener	Certified
5SSO10801	Active	791555	Josh Keener	Certified
5SSO10801	Active	793071	J VANDIVER	Certified
5SSO10801	Active	793387	Josh Keener	Certified
5SSO10801	Active	794837	Josh Keener	Certified
5SSO10801	Active	794848	Josh Keener	Certified
5SSO10801	Active	800905	Josh Keener	Certified
5SSO10803	Active	749320	Greg Tyhurst	Certified
5SSO10803	Active	765236	Greg Tyhurst	Certified
5SSO10803	Active	792334	Skyler Lipski	Certified
5SSO10805	Active	758826	John Brewer	Certified
5SSO10805	Active	758856	John Brewer	Certified
5SSO10805	Active	764799	John Brewer	Certified
5SSO10805	Active	767178	John Brewer	Certified
5SSO10805	Active	790845	Mitch Ampi	Certified
5SSO10805	Active	798380	Sonnie Dance	Certified
5SSO10806	Active	656788	Randy Gillichbauer	Certified
5SSO10806	Active	717208	Randy Gillichbauer	Certified
5SSO10806	Active	771415	Stanley L. Swayne	Certified
5SSO10806	Active	780977	Randy Gillichbauer	Certified
5SSO10808	Active	737312	Lewis Prince	Certified
5SSO10810	Active	712975	Lewis Prince	Certified
5SSO10810	Active	729950	Randy Mark collections grade IV	Certified

Wastewater Compliance Coordinator
Wastewater Compliance Coordinator
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Compliance Coordinator
SUPERVISOR
Wastewater Compliance Coordinator
Wastewater Compliance Coordinator
Wastewater Compliance Coordinator
Wastewater Compliance Coordinator
Public Works Director
Public Works Director
Director of Parks and Public Works
Public Works Director
Public Works Director
Public Works Director
Public Works Director
facility manager
Operator
Utilities Operation Superintendent
Opeations Superintendent
Water/Wastewater Lead Operator
Utilities Operations Superintendet
Operator
Contract Wastewater Operator
Operations supervisor

	1:10 PM	880160
	11:16 AM	774276
	4:16 PM	350140
	10:44	473819
	4:40 PM	985668
	5:19 PM	963910
	4:38 PM	537051
	5:26 PM	656727
	4:46 PM	153807
	4:52 PM	842488
	10:30 AM	707748
	11:36 AM	621925
	3:46 PM	869953
	4:34 PM	579372
	11:05 AM	818575
	11:19 AM	691357
	3:34 PM	162150
	9:31 AM	825811
	15:01	584304
	12:58 PM	330424
	4:47 PM	447158
	9:57 AM	343708
8:54 a.m.		622224
5:04 p.m.		467869
5:31 p.m.		282309
	12:45 PM	288212
	14:56	347133
	17:49	150568
	18:37	447939
	18:11	774166
	11:48	874369
	16:39	965413
	16:57	606360
	13:02	402683
	7:53 AM	811117
	9:28	356467
	10:18	330971
	11:07	719238
	14:36	203244
	11:30 AM	965971
Willows, CA		125531
City of Willows		297274
Corning, Ca.		246760
Corning Ca.		268060
Corning,Ca.		976237
Corning,Ca.		913608
Corning		469089
Corning		627985
Cottonwood Waste Plant		302731
Shasta County Public Works		816533
Cottonwood WWTP		819563
	7/6/2012	931041
	17:40	989740
GLRID		127194
GLRID		623036

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

Category 1		780	780
Category 3		10	0
Category 3		500	500
Category 3		10	10
Category 3		150	150
Category 3		40	0
Category 3		700	700
Category 3		90	90
Category 1		18900	0
Category 3		93	93
Category 1		550	100
Category 3		400	400
Category 3		50	50
Category 3		138	0
Category 3		25	25
Category 3		25	25
Category 3		35	35
Category 3		200	200
Category 3		200	200
Category 3		60	60
Category 3		150	150
Category 1		400	20
Category 1		69900	2000
Category 3		30	30
Category 3		200	200
Category 3		10	10
Category 3		2	2
Category 3		400	400
Category 3		20	20
Category 3		5	5
Category 1		52	26
Category 3		2	2
Category 3		7	7
Category 1		870	435
Category 3		600	600
Category 3		200	200
Category 3		10	10
Category 3		1	1
Category 3	5	450	450
Category 3		10	10
Category 1		10	8
Category 3		100	100
Category 1		200	0
Category 1		500	0
Category 1		600	0
Category 1		9000	500
Category 3		5	0
Category 2		1000	1000
Category 3		500	0
Category 3		150	0
Category 3		400	0
Category 3		200	0
Category 3		3	0
Category 1		43000	0
Category 3		30	0

780	Yes	Yes
0	No	No
0	No	Yes
0	No	No
0	No	No
0	No	No
0	No	Yes
0	No	No
18900	Yes	No
0	No	Yes
450	Yes	Yes
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
380	Yes	No
67900	Yes	No
0	No	No
0	No	Yes
0	No	No
0	No	No
0	No	No
0	No	No
0	No	No
26	Yes	Yes
0	No	No
0	No	No
435	Yes	No
0	No	No
0	No	No
0	No	No
0	No	No
0	No	Yes
0	No	No
2	No	No
0	No	Yes
200	Yes	Yes
500	Yes	Yes
600	Yes	Yes
2000	Yes	Yes
0	No	No
0	No	Yes
0	No	No
0	No	No
0	No	No
0	No	No
0	No	No
43000	Yes	No
0	No	No

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

SSO discharged from sewer clean-out located at 3252 Auburn Dr.
Near manhole K4-44 at Foothill Water Treatment Plant at 3100 Foothill Blvd
Manhole # L4-34, located in alley behind residence at 1800 Mesa St
Manhole M6-5, located in street in front of 1923 Sonoma St.
Manhole F9-8, vacant parcel at 500 Davis Ridge Rd
Manhole G10-4, on vacant parcel at 610 Churn Creek Rd
Manhole S10-15, at corner of Denton Way and Churn Creek Rd
Near manhole F9-10, on vacant parcel at 901 College View Dr
Manhole M6-42, located at 2700 S Market St.
Manhole F12-35, in the Hemingway St. ROW just south of 697 San Gabriel St.
2317 Waldon St and also manhole L6-40 near 2222 California St
Manhole J4-13, located on parcel at 710 Pioneer Dr
Manhole L6-3, in Chestnut St R-O-W adjacent to 1918 Chestnut St
Manhole E8-1, adjacent to the property at 11082 Campers Ct.
Manhole K6-48, in the Tehama St ROW north of 1100 Butte St
Cleanout at 3251 School St.
Manhole C5-58, adjacent to 1065 Dara Ct
Manhole L7-79, in Orchard Estates ROW north of 615 Orchard Estates
Manhole J4-39, located at 665 Royal Oak Ct
Manhole N8-3 and at 2475 Beverly Dr
Manhole #D7-11, in Wright Dr. R-O-W, adjacent to property address 485 Wright Dr.
Manhole L10-48 and 1261 Dusty Ln
Manhole K11-36, in greenway along Churn Creek behind 2118 Sophy Place
Lateral cleanout located on property at 3751 Traverse St.
Manhole K11-22, located in Victor Ave. ROW near 1600 Victor Ave.
1529 Ada St.
1780 Barbara Rd
Lateral connected to mainline in Notre Dame R-O-W north of 4185 Notre Dame Ave
Manhole O8-7 located adjacent to 2868 Shotwick Trail in the public R-O-W
In Dara Ct. ROW just south of 1065 Dara Ct.
Manhole J4-30, located along Pioneer Dr just north of 2805 Pioneer Dr
1516 Lakeside Dr
Basement of building at 1240 Pine St
Manhole D9-51, located behind the residence at 5554 Jan Ct
Secrets
1551 Riviera Dr
679 Hilltop Dr
2201 Terrace St
Manhole O10-4, located in ROW adjacent to 3062 Churn Creek Rd
710 Birch Street
689 Eureka Street
Humboldt St., near Wood St (162)
Manhole at North end of Fripp Rd.
712 Stammar drive
Gardiner Ferry Rd. at intersection of Kopta Rd.
Marguerite ave.
intersection of Fairview and Butte
490 El Verano Corning, CA 96021 Spill
Cottonwood Pump Station
First Street Cottonwood California
Northeast end of Trade Way, Cottonwood, CA 96022
Live Oak Rd.
Sierra Court
120 horseshoe trail
Manhole in front of 129 Escondido

40.565586	-122.398017	Shasta
40.582221	-122.416025	Shasta
40.576507	-122.409934	Shasta
40.575721	-122.39424	Shasta
40.60658	-122.354731	Shasta
40.63227	-122.346573	Shasta
40.547131	-122.351738	Shasta
40.607885	-122.35761	Shasta
40.571496	-122.389133	Shasta
40.604131	-122.324348	Shasta
40.576857	-122.388408	Shasta
40.5888767	-122.414657	Shasta
40.578679	-122.395361	Shasta
40.609967	-122.364379	Shasta
40.586206	-122.387297	Shasta
40.559968	-122.352864	Shasta
40.622581	-122.404207	Shasta
40.577746	-122.37763	Shasta
40.590298	-122.417596	Shasta
40.568809	-122.363882	Shasta
40.61561	-122.383732	Shasta
40.58124	-122.346932	Shasta
40.584583	-122.332458	Shasta
40.55169	-122.358554	Shasta
40.584246	-122.337802	Shasta
40.574291	-122.388223	Shasta
40.602669	-122.388268	Shasta
40.61484	-122.388682	Shasta
40.564616	-122.368431	Shasta
40.6222582	-122.404206	Shasta
40.58721	-122.411592	Shasta
40.576691	-122.427731	Shasta
40.58741	-122.389932	Shasta
40.617239	-122.362869	Shasta
40.57615	-122.35658	Shasta
40.545404	-122.399123	Shasta
40.596776	-122.364547	Shasta
40.576377	-122.392384	Shasta
40.562604	-122.352018	Shasta
39.51518	-122.20209	Glenn
39.52812	-122.1946	Glenn
39.517764	-122.212078	Glenn
39.929578	-122.165311	Tehama
39.931147	-122.171231	Tehama
39.913856	-122.100225	Tehama
39.92674	-122.168765	Tehama
39.929753	-122.189319	Tehama
39.930681	-122.164572	Tehama
40.380833	122.279444	Shasta
40.38761	122.2896	Shasta
40.38323	-122.27702	Shasta
40.38885	-122.2671	Shasta
39.8105	-120.5047	Plumas
39.806112	120.502686	Plumas
39.810556	-120.502222	Plumas

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Blockage in public line caused SSO discharge from sewer clean-out located at 3252 Auburn Dr.
Near manhole K4-44, located at the Foothill Water Treatment Plant at 3100 Foothill Blvd.
Manhole # L4-34, located in alley behind residence at 1800 Mesa St.
Manhole M6-5, located in street in front of 1923 Sonoma St.
Manhole F9-8, vacant parcel at 500 Davis Ridge Rd
Manhole G10-4, on vacant parcel at 610 Churn Creek Rd

Manhole F12-35, in the Hemingway St. ROW just south of 697 San Gabriel St.
This event includes spills from 2 locations. The first was at 2317 Waldon St., and the second at manhole L6-40 in an alley

Manhole L6-3, in Chestnut St R-O-W adjacent to 1918 Chestnut St

Manhole K6-48, in the Tehama St ROW north of 1100 Butte St
Cleanout at 3251 School St.
Manhole C5-58, adjacent to 1065 Dara Ct
Manhole L7-79, in Orchard Estates ROW north of 615 Orchard Estates
Manhole J4-39, located behind residence at 665 Royal Oak Ct
Approximately 10 gallons spilled from manhole N8-3, located in the Beverly Dr. ROW adjacent to 2475 Beverly Dr. Apprc
Manhole #D7-11, in Wright Dr. R-O-W, adjacent to property address 485 Wright Dr.
Spill emerged from 2 points-Manhole L10-48 in Dusty Ln ROW, and also from a private lateral cleanout at 1261 Dusty Ln
Manhole K11-36, in greenway along Churn Creek behind 2118 Sophy Place
Lateral cleanout located on property at 3751 Traverse St.
Manhole K11-22, located in Victor Ave. ROW near 1600 Victor Ave.
Discharge was from a private lateral cleanout in the basement of 1529 Ada St.
Inside residence at 1780 Barbara Rd and from private lateral cleanout in front yard of same residence.
Unused lateral connected to mainline, located in the Notre Dame R-O-W north of 4185 Notre Dame Ave. Appears lateral
Manhole O8-7, located adjacent to 2868 Shotwick Trail in the public R-O-W
Manhole C5-58, located in the Dara Ct. right of way just south of the property with address 1065 DaraCt.
Manhole J4-30, located in adjacent to sidewalk in the Pioneer Dr right-of-way just north of 2805 Pioneer Dr.
Less than 2 gallons of wastewater spilled into a bathroom at 1516 Lakeside Dr.
Spilled into the basement of building at 1240 Pine St.
Manhole D9-51, located behind the residence at 5554 Jan Ct.
Parking lot of Secrets Adult Book Store
Spill discharged inside single-family residence at 1551 Riviera Dr.
Spill discharged from manhole H8-5, located adjacent to drive aisle of onsite multifamily development.
During private repair project to install a cleanout, spill discharged from private lateral located behind residence at 2201 Te
SSO discharged from manhole O10-4, located in Churn Creek Rd ROW
Spill came form the manhole cover in the middle of the street.
Manhole overflow on Eureka Street

mahhole at north end of Fripp

Gardiner Ferry Rd. at the intersection of Kopta Rd.
Flow out of main line into vacant field and into storm drain,some flow ended up in Black Burn Creek
Manhole at intersection of Butte and Fairview
Spill occured just south of Mclane Rd. on El Verano. (On the West side of the Elvernao Rd.)
Pump Station wet well
At existing manhole on north side of road 1000' +/- West of Main Street.
Air relief valve vault on N.E. end of Trade Way
Air relief valve within vault
Spill was at clean out located in front of residence. Area is dirt and light natural vegetation.

/ behind 2222 California St. The Lat/Lon

›ximately 50 gallons spilled into apartme

. The manhole spill started at approxima

connection not plugged after original co

ɜrrace St.

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

Sewer clean-out located at 3252 Auburn Dr

The first spill of 50 gallons at 2317 Waldon was from a toilet in a detached garage. This spill was stopped, and during the

Sewer cleanout at 3251 School St.

Spill appeared at both manhole N8-3 and inside apartments 6/7 at 2475 Beverly Sr.

Spill emerged from 2 points-Manhole L10-48 in Dusty Ln ROW, and also from a private lateral cleanout at 1261 Dusty Ln

Lateral cleanout located on property at 3751 Traverse St.

Inside residence at 1780 Barbara Rd and from private lateral cleanout in front yard of same residence.
Spilled from unused lower lateral connected to mainline, located in the Notre Dame R-O-W north of 4185 Notre Dame Av

SSO spilled from a manhole just adjacent to the public sidewalk.
Bathroom at 1516 Lakeside Dr
Basement of building at 1240 Pine St

During work to install cleanout on private lateral, a small amount of wastewater burped from the private lateral located b

Leak in air relief valve

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

Spill occurred at bottom of 6 foot deep trench, and was totally contained within the trench, absorbing into the loose soil at

Construction trench

Total spill flow remained in a low point in the street, but was flushed into a nearby storm drain for collection. The entire vc
The initial spill at 2317 Waldon was partially contained in a structure and the rest contained in depressions in the unpavec

Back yard of 3251 School St
Spill was initially limited to street gutter, and was flushed into storm drain inlet to be fully recovered by Vac-Con
Blocked and contained in storm drain, and then fully recovered.

10 gallons spilled from manhole and remained in paved area of street-all 10 gallons completely recovered and returned t
Spilled wastewater pooled in paved roadway, where it was fully captured and returned to the sanitary sewer system
20 gallons spilled from manhole and pooled in paved street, where it was 100% recovered. Approximately 380 gallons sp
Roughly 2000 gallons of the spill pooled in a dry swale downslope of the manhole. This swale eventually overflowed, rele

Spill reached seperate storm drain, where it was detained and 100% recovered.
Spill was contained within the basement of 1529 Ada St.

Wastewater spilled at rate of roughly 1 gpm, sheet flowing across the paved surface surrounding the subject manhole. Up
Spill was fully contained in structure and 100% recovered and returned to system.
Spill was completely contained in the basement of the structure at 1240 Pine St. and wastewater was 100% recovered an
Spilled wastewater traveled downhill into a small drainage swale. The drainage channel contained a small amount of flow
Parking lot of business
Spill discharged inside single-family residence, partially spreading to subfloor and soil under home.

Small volume of wastewater discharged into and was contained in construction trench during private lateral repair.
Spilled wastewater was contained in street gutter and nearby storm drain catch basin, and was fully recovered from these

Final destination for a portion of the spill was Black Burn Creek(seasonal creek)

2/8/2010 0:00	2/8/2010 7:02	2/8/2010 7:30	2/8/2010 8:20
2/16/2010 0:00	2/16/2010 16:49	2/16/2010 10:00	2/16/2010 10:05
6/1/2010 0:00	6/1/2010 14:42	6/1/2010 15:05	6/1/2010 15:35
7/5/2010 0:00	7/5/2010 11:30	7/5/2010 12:10	7/5/2010 11:45
8/18/2010 0:00	8/18/2010 10:45	8/18/2010 8:30	8/18/2010 8:40
8/18/2010 0:00	8/18/2010 10:45	8/18/2010 8:55	8/18/2010 9:15
9/2/2010 0:00	9/2/2010 16:26	9/2/2010 16:50	9/2/2010 17:04
9/3/2010 0:00	9/3/2010 14:43	9/3/2010 13:30	9/3/2010 14:30
10/24/2010 0:00	10/24/2010 10:30	10/24/2010 10:50	10/24/2010 12:30
11/10/2010 0:00	11/10/2010 7:48	11/10/2010 8:10	11/10/2010 8:19
12/11/2010 0:00	12/11/2010 16:00	12/11/2010 16:00	12/11/2010 16:02
1/19/2011 0:00	1/19/2011 10:30	1/19/2011 10:45	1/19/2011 11:15
2/4/2011 0:00	2/4/2011 13:17	2/4/2011 13:43	2/4/2011 13:55
2/16/2011 0:00	2/16/2011 11:55	2/16/2011 12:04	2/16/2011 13:04
3/14/2011 0:00	3/14/2011 8:23	3/14/2011 8:40	3/14/2011 8:45
3/28/2011 0:00	3/28/2011 13:11	3/28/2011 13:20	3/28/2011 16:45
4/21/2011 0:00	4/21/2011 8:23	4/21/2011 9:03	4/21/2011 9:15
6/20/2011 0:00	6/20/2011 10:55	6/20/2011 11:00	6/20/2011 11:15
9/6/2011 10:28	9/7/2011 7:30	9/7/2011 7:30	9/7/2011 8:13
8/22/2011 0:00	8/22/2011 18:30	8/22/2011 19:15	8/22/2011 19:32
11/28/2011 0:00	11/28/2011 14:02	11/28/2011 14:17	11/28/2011 14:27
1/1/2012 0:00	1/1/2012 15:18	1/1/2012 16:00	1/1/2012 16:30
1/9/2012 0:00	1/15/2012 12:28	1/15/2012 13:15	1/15/2012 14:30
2/15/2012 0:00	2/15/2012 19:00	2/15/2012 19:20	2/15/2012 19:30
2/26/2012 0:00	2/26/2012 18:50	2/26/2012 19:15	2/26/2012 19:30
5/14/2012 9:20	5/14/2012 9:30	5/14/2012 9:45	5/14/2012 9:50
6/14/2012 8:45	6/14/2012 8:52	6/14/2012 9:05	6/14/2012 10:00
6/13/2012 9:25	6/13/2012 10:40	6/13/2012 10:55	6/13/2012 14:00
6/19/2012 13:50	6/19/2012 14:05	6/19/2012 14:30	6/19/2012 16:30
8/23/2012 20:30	8/23/2012 20:41	8/23/2012 21:15	8/23/2012 21:30
10/24/2012 0:00	10/24/2012 11:48	10/24/2012 12:18	10/24/2012 12:22
12/21/2012 6:34	12/21/2012 6:44	12/21/2012 6:55	12/21/2012 7:00
12/26/2012 16:00	12/26/2012 16:16	12/26/2012 16:45	12/26/2012 17:00
2/9/2013 7:30	2/9/2013 8:36	2/9/2013 9:05	2/9/2013 10:24
3/29/2013 17:00	3/29/2013 17:27	3/29/2013 17:50	3/29/2013 18:00
4/3/2013 23:00	4/4/2013 9:00	4/4/2013 9:15	4/4/2013 9:20
4/29/2013 10:00	4/29/2013 10:45	4/29/2013 10:53	4/29/2013 10:58
5/10/2013 10:30	5/10/2013 11:15	5/10/2013 11:25	5/10/2013 11:35
11/18/2013 9:00	11/18/2013 10:26	11/18/2013 10:40	11/18/2013 11:24
2/11/2010 10:30	2/11/2010 10:20	2/11/2010 10:33	2/11/2010 10:44
4/6/2011 0:00	4/6/2011 16:00	4/6/2011 16:15	4/6/2011 16:30
2/25/2013 9:00	2/25/2013 9:10	2/25/2013 9:20	2/25/2013 9:30
9/23/2008 1:50	9/23/2008 1:50	9/23/2008 2:15	9/23/2008 2:50
5/28/2008 21:15	5/28/2008 21:30	5/28/2008 21:50	5/28/2008 22:40
3/24/2011 0:00	3/24/2011 14:40	3/24/2011 14:42	3/24/2011 15:05
6/4/2011 0:00	6/6/2011 8:30	6/6/2011 8:45	6/6/2011 9:00
1/28/2013 9:00	1/28/2013 9:25	1/28/2013 9:40	1/28/2013 9:50
8/30/2013 6:35	8/30/2013 6:40	8/30/2013 7:15	8/30/2013 7:30
9/3/2007 10:15	9/3/2007 10:45	9/3/2007 10:30	9/3/2007 10:50
5/11/2008 7:00	5/11/2008 17:45	5/11/2008 22:15	5/11/2008 23:59
9/23/2011 8:55	9/23/2011 9:00	9/23/2011 9:30	9/23/2011 10:00
5/4/2012 11:00	5/4/2012 11:00	5/4/2012 11:00	5/4/2012 12:30
4/6/2009 14:00	4/6/2009 15:00	4/6/2009 15:30	4/6/2009 16:30
2/10/2008 11:00	2/11/2008 10:30	2/11/2008 11:00	2/11/2008 13:00
10/4/2008 21:00	10/4/2008 21:10	10/4/2008 21:15	10/4/2008 21:18

Other (specify below)
Other (specify below)
Debri-Rags
Debri-General
Other (specify below)
Other (specify below)
Grease deposition (FOG)
Other (specify below)
Other (specify below)
Grease deposition (FOG)
Debri-General
Other (specify below)
Root intrusion
Root intrusion
Debri-Rags
Grease deposition (FOG)
Other (specify below)
Root intrusion
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Grease deposition (FOG)
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Grease deposition (FOG)
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Root intrusion
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Other (specify below)
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Debri-Rags
Root intrusion
Debri-General
Debris from Lateral
Debri-General
Root intrusion
Grease deposition (FOG)
Grease deposition (FOG)
Root intrusion
Rainfall exceeded design (Separate CS Only)
Debri-Rags
Debri-General
Grease deposition (FOG)
Pump station failure
Other (specify below)
Other (specify below)
Other (specify below)
Debri-General
Grease deposition (FOG)
Grease deposition (FOG)

Combination of grease and roots
Construction- Contractor was digging a 6 foot deep trench and clipped an 8-inch sewer line, removing the top half of the l

Pump failed during construction. Replacement of gravity line by private contractor, who responded to spill. City personnel
Broken line during construction to replace gravity line by private contractor, who responded for cleanup. Time of arrival fc

This spill was caused by an accident during construction. The operator response time shown above refers to the immedia
Main cause of SSO was storm flow exceeding capacity, but a rootball was also found in the manhole and pipe section. St

The times above pertain to the second spill from manhole L6-40, as this spill discharged the wastewater that impacted Ca
Debri-General. Two pairs of childrens underwear were found wadded together blocking the line.

Grease and rags
Root intrusion-line has been added to root control list
Poorly constructed lateral connection that allowed roots into main line

Rags and grease apparently coming from private lateral
Rags and roots
Grease and rag buildup. This segment of line is on the hot spot list, and was cleaned one week prior to this event. The a
Rags and roots

Customer experienced lack of flow from structure. Upon opening cleanout in basement and flushing with a garden hose, \

Spill due to a construction plug remaining in the line.
Roots from private lateral growing into public main caused blockage of rags and grease
Roots, rags and grease

Buildup of rags and grease in sewer main. Referred to Industrial Waste Division to follow up with adjacent hotel and resta

Towel from Hotel

Blockage was caused in public system by multiple large clumps of greasy socks that had been discharged from a private

Operators responded to the sewer call and noticed water coming out of the manhole. Immediately started clean up of the

Private contractor working on third party project which included sewer improvements dammaged/plugged existing sewer.
Faulty air relief valve
Air relief valve failure

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Gravity Mainline
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Other (specify below)
Main
Main
Main

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

Main

Failure occurred in main line due to blockage. This caused a toilet to overflow in a private detached garage, and then a m

Blockage was downsystem near manhole P10-4

A collection system crew discovered this SSO in response to a general odor complaint. This is why the time given for que

Blockage was in main line, and when blockage was being cleared a private cleanout opened, releasing wastewater into a
The exact start date/time of this spill is unknown. As indicated above, City personnel were notified of the spill on January

towel lodged in connection from lateral to main

in effluent line after complete treatment before outfall

Air relief valve
Air relief vault

	6 ABS
	8 ABS
	6 VCP
	6 VCP
	15 VCP
	15 VCP
	6 VCP
	15 RCP
	12 VCP
	8 SDR-35
ıanhole to overflow during hy	6 VCP
	8 VCP
	6 VCP
	6 VCP
	6 VCP
	8 VCP
	8 ABS
	8 VCP
stions 31 and 32 are the sam	6 ABS
	6 VCP
	6 VCP
back yard. The property own	8 VCP
15 at 12:28 p.m. The estima	6 ABS
	6 VCP
	8 ABS
	6 VCP
	6 AC
	8 VCP
	8 ABS
	8 ABS
	6 AC
	6 VCP
	6 VCP
	6 VCP
	8 VCP
	8 VCP
	6 ABS
	8 VCP
No	6 VCP
	6 VCP
	6 VCP
	8 Plastic (SDR 35)
	8 PVC
	6 sdr
	6 PVC
	8 PVC
	6
	6

20
31
50
40
33
33
40
40
40
7
40
50
50
30
58
50
23
50
39
45
40
45
22
40
29
50
45
47
20
35
40
52
60
35
39
40
25
45
408
60
65

15

20

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;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;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;Other (specify below)
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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;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;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
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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)
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;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
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
Cleaned-up (mitigated effects of spill)
Cleaned-up (mitigated effects of spill)
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
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)
Cleaned-up (mitigated effects of spill)
Other (specify below)
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

Due to the low flow in pipe the remaining bottom half of the pipe was able to continue handling the flow. The contractor re

Bypass pumping was implemented and flow was returned to the system. As wastewater was contained in the bottom of a

The operator response time shown above refers to the immediate presence and response of the construction contractor. T
City of Redding crews left site 10/24 at roughly 2pm. Local spill cleanup company cleaned site throughout 10/25. Water s
Crews determined cause, restored flow, contained and returned to the system the entire volume spilled, cleaned and flusl
Crews restored flow, contained and returned roughly 100 gallons, cleaned the area, and conduted water samples along C

In addition to the response and initial cleanup of City of Redding Collection crew, a local response company was brought

In addition to cleaning up spill and restoring flow, has also been added to root control list

Captured 100% of spilled wastewater, returned to sanitary system, and cleaned the area.
20 gallons were captured on paved street, returned to system, and street was cleaned. Private cleaning company cleanec
City crews cleaned the affected area, removing affected soil around spill site and along spill path towards creek. The roug

City crews restored flow, recovered all discharged wastewater and returned it to the sanitary sewer system. A private envi

Posted public health warning signs along drainage, performed water sampling, restored flow in line, cleaned up impacts.
Spilled wastewater was 100% recovered and returned to system. A private environmental cleanup company was called ir
Restored flow and recovered spilled wastewater, returning it to the system. Private environmental cleanup company was
City crews blocked off drainage swale, contained a portion of the spilled wastewater therein, flushed the affected area anc
CLEARED BLOCKAGE, FLUSHED PARKING LOT AND RETURNED ALL SPILL TO SEWER SYSTEM
Due to impacted structure, an environmental remediation company was called in. All affected material in home is being re

Called Bell Carter foods and informed them to secure their discharge untill high flows due to heavy rains had subsided.Sp
Vac-Con cleaned line and sucked up all surface water available on the ground and in the stormdrain area. Walked the are

Severn Trent Services responded to the SSO via a call from the city of Corning at 6:40am. Operators showed up at the s

Shut off air relief valve

2/8/2010 3:00

10/25/2010 17:00

12/11/2010 18:00

1/3/2012 14:00
1/17/2012 14:30

10/25/2012 17:00

2/9/2013 14:00

9/23/2008 4:30
5/29/2008 9:00
3/24/2011 15:05
6/6/2011 9:30

8/30/2013 12:00

2/15/2008 0:00

Added sewer to preventive maintenance program

Added sewer to preventive maintenance program;Adjusted schedule/method of preventive maintenance

Added sewer to preventive maintenance program

Added sewer to preventive maintenance program
Added sewer to preventive maintenance program;Adjusted schedule/method of preventive maintenance;Other (specify b

Adjusted schedule/method of preventive maintenance

Adjusted schedule/method of preventive maintenance

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

Adjusted schedule/method of preventive maintenance

Added sewer to preventive maintenance program;Adjusted schedule/method of preventive maintenance;Other (specify b

This segment of pipe is already on the hot spot list and had been cleaned one week before this incident. City personnel

REMOVAL OF ROOTS- CITY MAY REPLACE PIPE SECTION
Secure Bell Carter Foods discharge when flows reach system capacity.
Added this spot to the hot spots and will put on routine maintenance.

Cleaned the north and south sewer mains

Inspection of collection system.

Yes

Yes

Yes

Yes
Yes

Yes

Yes

No
No
No
No

No

Yes

Visual observations along entire length of unnamed drainage gave no indications of sewage, solids, rags, etc.
N/A
N/A
N/A
N/A
N/A
N/A
N/A
Visual inspections noted no visual impacts-no debris, foaming, discoloration, etc.
N/A
Visual inspection of Calaboose Creek did not indicate any debris, floating material, foam or discoloration. The creek had a

N/A-Did not reach surface water
N/A- Did not reach surface water
N/A
N/A
N/A
N/A
N/A- did not reach surface water
N/A
N/A
Visual inspection found no apparent impacts of spill on surface water. As noted above, the sump pump screened out pap
Visual inspections indicated signs of wastewater impacts along eastern bank of Churn Creek for approximately 30 ft dowr
N/A
N/A
N/A
N/A
N/A
N/A
N/A
No visual impacts were apparent. Spill response complete, although water sampling continues.
N/A
N/A
No observed effects on the unnamed drainage swale, nor Boulder CReek, which the swale reaches very far downstream.
N/A
N/A
N/A
N/A

no receiving water impacted

No impact

None

non applicable

Yes

No

No

Yes
Yes

Yes

Yes

Yes
No
No
Yes

No

No

N/A

N/A
N/A
N/A
N/A
N/A
N/A- Did not reach beach.
N/A-Did not reach beach
N/A- Did not reach beach
N/A
N/A
N/A
N/A
N/A- did not reach beach
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
N/A
N/A
N/A
N/A
N/A

None

N/A

Unnamed tributary of Linden Ditch

N/A
N/A
Linden Ditch
N/A
Calaboose Creek
N/A- Did not reach surface water.
N/A-Did not reach surface water
N/A- Did not reach surface water
N/A- Did not reach surface water
N/A
N/A-Did not reach surface waters
N/A
N/A- did not reach surface water
N/A- Did not reach surface water or drainage channel
N/A-Did not reach surface waters
Little Churn Creek
Churn Creek
N/A
N/A
N/A
N/A
N/A
N/A
N/A
Unnamed tributary of Jenny Creek
N/A
N/A
Unnamed drainage swale eventually reaches Boulder Creek
N/A
N/A
N/A
N/A

no surface water impacted, sso entered storm drain that connected to a dry drainage ditch
spill entered a dry drainage ditch
Sacramento River
Black Burn Creek
n/a
None

N/A

Humbug Creek. Feather River
Humbug Creek

Biological indicator(s) - specify below

Biological indicator(s) - specify below

Biological indicator(s) - specify below

Biological indicator(s) - specify below
Biological indicator(s) - specify below

Biological indicator(s) - specify below

Biological indicator(s) - specify below

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

No water quality samples taken

Biological indicator(s) - specify below

Samples are being analyzed for total and fecal coliform.

Total and fecal coliform

Total and fecal coliform organisms

Total and fecal coliform
Samples analyzed for total and fecal coliform

total and fecal colifom

Samples are being analyzed for total and fecal coliform

coliform

Spill was fully treated effluent, no sampling required according to regional board and county health dept.
Coliforms were taken up stream and down stream of the discharge. BOD and TSS was also analyzed.

None

Total Coliform, Fecal Coliform, E-Coli

Regional Water Quality Control Board

Regional Water Quality Control Board

Regional Water Quality Control Board

Regional Water Quality Control Board
Regional Water Quality Control Board

County Health Agency;Regional Water Quality Control Board

County Health Agency;Regional Water Quality Control Board

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

None of the above

County Health Agency;Regional Water Quality Control Board

Sample analyses will be communicated to Regional Board when they are available.

Water sampling results are not yet ready, but will be reported to Regional Water Quality Control Board and Shasta Count

Testing results have not been received yet, but will be reported to the Regional Water Quality Control Board.

Final results wil be communicated to these agencies when available.

Have not received the results yet to report to State

None

y Environmental Health when they are.

Spill volume was determined through field estimation made by trained staff, including a consideration of the observed spi

101000	2/8/2010 9:23
106395	10/24/2010 11:56
107454	12/11/2010 16:31
120038	1/3/2012 14:39
120272	1/15/2012 14:36
123439	6/13/2012 12:06
126421	10/24/2012 13:47
130860	2/9/2013 11:40
86911	
111866	3/24/2011 14:47
113381	6/6/2011 11:45
135421	8/30/2013 9:00
115669	9/23/2011 12:24
122674	5/4/2012 14:20
81251	2/11/2008 14:00

Josh Keener, Wastewater Compliance Coordinator 5302244122

5SSO10810	Active	730045	Lewis Prince	Certified
5SSO10810	Active	730266	Lewis Prince	Certified
5SSO10810	Active	730267	Lewis Prince	Certified
5SSO10810	Active	733820	Randy Mark collections grade IV	Certified
5SSO10810	Active	737329	Lewis Prince	Certified
5SSO10810	Active	749550	Lewis Prince	Certified
5SSO10810	Active	750003	Lewis Prince	Certified
5SSO10810	Active	750005	Lewis Prince	Certified
5SSO10810	Active	753398	Lewis Prince	Certified
5SSO10810	Active	763391	Randy Mark collections grade IV	Certified
5SSO10813	Active	712209	mary henrici	Certified
5SSO10813	Active	744127	marian henrici	Certified
5SSO10814	Active	766312	John Van den Bergh	Certified
5SSO10815	Active	749224	Ted Janowitz	Certified
5SSO10815	Active	761425	Ted Janowitz	Certified
5SSO10819	Active	747607	Jesse Lawson	Certified
5SSO10820	Active	709808	Al Davis	Certified
5SSO10820	Active	729319	Al Davis	Certified
5SSO10820	Active	748223	Al Davis	Certified
5SSO10820	Active	752856	Al Davis	Certified
5SSO10820	Active	753172	Al Davis	Certified
5SSO10820	Active	800163	Jerry Cox	Certified
5SSO10827	Active	712754	Alan G. Brown	Certified
5SSO10827	Active	752254	Alan Brown	Certified
5SSO10827	Active	799318	Dwayne Long	Certified
5SSO10835	Active	714338	Rod Bryan	Certified
5SSO10835	Active	727182	Gary D. Moll	Certified
5SSO10835	Active	732930	Gary Moll	Certified
5SSO10835	Active	738399	Gary Moll	Certified
5SSO10835	Active	741010	Gary Moll	Certified
5SSO10835	Active	749266	Rod Bryan	Certified
5SSO10835	Active	751348	Rod Bryan	Certified
5SSO10835	Active	753645	Gary Moll	Certified
5SSO10835	Active	779299	Gary Moll	Certified
5SSO10835	Active	781421	Gary Moll	Certified
5SSO10835	Active	781685	Gary Moll	Certified
5SSO10835	Active	782664	Rod Bryan	Certified
5SSO10835	Active	785112	Gary Moll	Certified
5SSO10835	Active	788323	Rod Bryan	Certified
5SSO10835	Active	791613	Gary Moll	Certified
5SSO10835	Active	792176	Gary Moll	Certified
5SSO10835	Active	797958	Gary Moll	Certified
5SSO10837	Active	736998	Michael E. Baker	Certified
5SSO10839	Active	754360	Randy Gillichbauer	Certified
5SSO10839	Active	800791		Ready To Certify
5SSO10842	Active	736254		Work In Progress
5SSO10842	Active	736255	Frank Motzkus	Certified
5SSO10842	Active	768163	Frank Motzkus	Certified
5SSO10842	Active	788294	Frank Motzkus	Certified
5SSO10843	Active	744954		Ready To Certify
5SSO10843	Active	748314		Ready To Certify
5SSO10843	Active	765073	Todd Roberts	Certified
5SSO10844	Active	733130	Larry Sullivan	Certified
5SSO10844	Active	793012	Larry Sullivan	Certified
5SSO10844	Active	798904		Submit Draft

Operator
Operator
Operator
Operations supervisor
Operator
Operator
Operator
Operator
Operator
Operations Manager
manager
manager
General Manager
Operations supervisor
Chief Plant Operator
Back-Up Operator
Director of Public Works
Public Works Director
Public works directer
Public Works Director
Public Works Director
Senior Maintenance
General Manager
General Manager
General Manager
Public Works Director
Utilities Supervisor
Utilities Supervisor
Utilities Supervisor
Utilities Supervisor
Public Works Director
Public Works Director
Utilities Supervisor
Utilities Supervisor
Utilities Supervisor
Utilities Supervisor
Public Works Director
Utilities Supervisor
Public Works Director
Utilities Supervisor
Utilities Supervisor
Utilities Supervisor
Facilities Supervisor
Utilities Operations Superintendent

General Manager
General Manager
General Manager

Dir. of Public works
General Manager
General Manager

105 Poplar Valley Rd.		677513
105 Poplar Valley Rd.		892376
105 Poplar Valley Rd.		288146
GLRID		663590
	11:30	968682
17:15 hrs.		645423
15:00 hrs.		963636
15:15 Hrs.		402266
	15:35	579967
119 Delleker Rd.		118580
quincy, ca.		472010
quincy, ca.		723738
Fall River Mills		637643
Gerber, Ca		531362
Gerber, CA		779429
	836	255446
853 Laurel st		777366
Gridley		592472
853 Laurel gridley		800893
Gridly Ca		614402
Gridley, Ca		897056
Gridley		266671
Oroville, CA		238340
Oroville, CA		273630
1960 Elgin Street		891164
PWD Office		518294
	10:33 AM	727890
City of Mt. Shasta		931220
	9:42 AM	824971
	9:40 AM	512360
PWD Office		366063
PWD Office		568835
Water Dept. Office		302861
	14:55	724362
	11:42 AM	359969
	3:12 PM	862021
PWD Office		852968
	11:35 AM	496903
PWD Office		154004
	10:35 AM	557121
	11:27 AM	224145
Utilities Office		690305
Whiskeytown		741790
Cottonwood WWTP		131121
Plumas Eureka CSD		401277
Plumas Eureka CSD		496329
Plumas Eureka CSD		185525
Portola Ca		333335
QCSD		380948
Quincy Office		108333

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

Category 3		30	0
Category 3		60	0
Category 3		100	0
Category 1		540	0
Category 3		30	0
Category 3		50	0
Category 1		500	0
Category 1		200	0
Category 3		25	0
Category 3		400	400
Category 3		5	5
Category 3		400	400
Category 3		50	0
Category 3		800	800
Category 3		20	0
Category 2		37500	0
Category 3		500	200
Category 3		600	200
Category 3		50	30
Category 3		500	50
Category 3		100	50
Category 2	18000	18000	0
Category 3		735	735
Category 3		50	50
Category 3	149	149	149
Category 1		30	0
Category 3		265	265
Category 3		10	10
Category 3		150	0
Category 3		50	0
Category 1		500	0
Category 3		40	0
Category 3		3	3
Category 3		20	10
Category 3		5	0
Category 3		20	0
Category 3		10	0
Category 3		10	0
Category 1		230	0
Category 3		10	7
Category 1		25	15
Category 3		60	60
Category 1		50	10
Category 1		4000	4000
Category 1	0	1800	1800
Category 3		45	0
Category 3		45	0
Category 3		200	200
Category 3		200	200
Category 2		1500	0
Category 3		10	10
Category 1		4500	0
Category 1		30	0
Category 3		10	10
Category 2	1500	1500	1500

0	No	No
0	No	No
0	No	No
540	Yes	No
0	No	No
0	No	No
500	Yes	No
200	Yes	Yes
0	No	No
0	No	No
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0	No	No
0	No	No
30	No	Yes
0	No	No
0	No	No
0	No	No
0	No	No
500	Yes	Yes
0	No	Yes
0	No	No
0	No	No
0	No	No
0	No	No
0	No	No
0	No	No
230	Yes	Yes
0	No	No
10	Yes	No
0	No	No
40	Yes	No
3500	Yes	No
1800	Yes	No
0	No	No
0	No	No
0	No	Yes
0	No	Yes
0	No	Yes
0	No	No
4500	Yes	No
30	No	Yes
0	No	No
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
Not Applicable - Spill did not reach a separate 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
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
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No
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Yes
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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
Not Applicable - Spill did not reach a separate storm drainpipe

129 Escondido
Manhole 207 Arriba
Manhole at 209 Arriba
130 Horseshoe Tr.
Les Schwab Spill
Escondido Spill
Horseshoe trail spill
Arriba Overflow
Delleker Park Drive
United States
2216 highway 70
512 bell ln
Lift station #3
manhole 58 in Gerber collection system
Ramsay Ave.
Greenville Park
west side of Feather between levee and 1484 Booth Drive
Butte County Housing Authority
220 Sycamore st.
Butte County Housing Authority
Butte County Housing Authority
.7 miles south of E. Gridley Rd. and apx. 50 ft. east of levee in walnut orchard
Vista Del Cerro X Via Canela
30 Andora Circle, Oroville, CA 95966
1964 Idora Street, Oroville, CA 95966
Chestnut Street
912 North Mt. Shasta Blvd.
Manhole #359
Mt. Shasta Library
Mike and Tony's Restaurant
Old McCloud
115 McCloud
Gaudenzio Street at South A Street
West Alma Street at Sisson School
South Washington Drive at Merritt Avenue
Corner of South B Street and Merritt Avenue
McCloud Ave. at South B St.
McCloud Avenue
511 McCloud Avenue
310 Old McCloud Road
Manhole #268
Corner of Everitt Memorial Highway and Rockfellow Drive
Manhole at Oak Bottom Boat launch
Main Line Under Walking Path on West Side Deschutes Road South of HWY 44
South of Palo Cedro on West side of Dechutes Rd, across from Brundage Rd
Unit 6
Unit 6 - April 2009
Unit 6 - July 2011
Unit 6 - November 2012
City of portola mh 85 Green st & HWY 70
Pacifis St / Fourth Ave
Feather River
175 Main St.
Willow Way
Wastewater Irrigation Field #6

39	120	Plumas
39	120	Plumas
39	120	Plumas
39.809722	-120.509167	Plumas
39.8105	-120.5047	Plumas
39.80873	-120.49652	Plumas
39.80626	-120.50322	Plumas
39.81109	-120.49761	Plumas
39.80737	-120.50391	Plumas
39.81103	-120.49824	Plumas
39.93285	-120.87588	Plumas
39.94153	-120.9147	Plumas
41.00347	-121.43825	Shasta
40.05931	-122.15426	Tehama
40.05971	-122.1539	Tehama
40.137711	-120.931158	Plumas
39.36307	121.64384	Butte
39.3633	-121.6445	Butte
39.599722	-121.790278	Butte
39.569444	-121.838611	Butte
39.566389	-121.825556	Butte
39.441389	-121.694722	Butte
39.473031	121.539642	Butte
39.487489	-121.506703	Butte
39.490833	-121.55	Butte
41.315083	-122.312242	Siskiyou
41.31	-122.3	Siskiyou
41.30952863	122.3091729	Siskiyou
41.31866424	-122.310159	Siskiyou
41.30986756	-122.3122978	Siskiyou
41.30521851	-122.308794	Siskiyou
41.31223458	-122.3098914	Siskiyou
41.309605	-122.309174	Siskiyou
41.319	-122.31	Siskiyou
41.307	-122.3063	Siskiyou
41.307	-122.308	Siskiyou
41.31224	-122.30839	Siskiyou
41.31228	-122.30538	Siskiyou
41.31225	-122.3046	Siskiyou
41.305219	-122.306942	Siskiyou
41.304236	-122.308714	Siskiyou
41.31956	-122.30624	Siskiyou
40.649722	-122.588611	Shasta
40.544444	-122.238611	Shasta
40.53741	-122.23871	Shasta
39.796958	-120.649915	Plumas
39.796958	-120.649915	Plumas
39.79695	-120.649922	Plumas
39.79695	-120.64992	Plumas
39.812222	-120.475278	Plumas
39.82703	-120.47058	Plumas
39.805278	-120.476667	Plumas
39.936667	120.946944	Plumas
39.94071	-120.95852	Plumas
39.943583	-120.942547	Plumas

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Back of residence.
Manhole located in the road.

Spill located at manhole behind 130 Horseshoe Tr., next to Humbug Creek.

Backyard of 129 Escondido.
Backyard of residence. Spill paralleled highway 70.
Overflow occured in drainage swale.

Manhole # 7
manhole
broken force main in an excavation
Lift station overflowed due to power failure

Front yard of residence
Spill occored in meadowed area West of Greenville Park.
toe of state levee on west side, sewer line from Butte county Housing Authority
Approximetaly 300 ft East of 1486 Booth Drive, 250 ft west of Feather river levy
On Sycamore street in front of 220 Sycamore
75 ft east of the sewer pump station
300 ft south east of the pump station
in walnut orchard east of levee
Manhole G26 at the intesection of Vista Del Cerro and Via Canela
Mainline blockage of debris caused the sewer service lateral to back up and spill in the bathroom.
Wastewater overflowed out of a manhole located at the edge of pavement at 1964 Idora Street, Oroville, CA 95966.
Castle street between Chestnut and Alder St.
Manhole #513, approximately 100 feet north of Hinkley Street.
Intersection of South A Street and Gaudenzio Street at Manhole #359.
Clean-out in front lawn area of Library.
Middle of street at the intersection of High Street and Mill Street.

Intersection of Gaudenzio and South A Streets
At Manhole #474 on West Alma Street in front of Sisson Elementary School. Manhole located in street.
Manhole in street at intersection of South Washington Drive and Merritt Avenue
Southwest corner of intersection of South B Street and Merritt Avenue.
On McCloud Ave. at the intersection of McCloud Ave. and South B St.
South side of McCloud Avenue, in front of 513 McCloud Avenue. Manhole #327.
Manhole 327 at 511 McCloud Avenue
Cleanout box in gutter line, in front of address-310 Old McCloud Road.
Spill was located at Manhole #268 and the immediate area around it, approximately 50 square feet.
Spill was located in the intersection of Everitt Memorial Highway and Rockfellow Drive at Manhole #461.
Sewer Manhole located at Oak Bottom near boat launch ramp.
Beneath paved waking path along west side of Deshutes Road (Paved) just south of Vista Oaks Drive and into a sesonal
West side Dechutes Rd, across from Brundage Rd

Pavement section of West Ponderosa Drive in front of 88 W.Ponderosa.
Pavement section of West Ponderosa in front of 88 W. Ponderosa
Pavement section of West Ponderosa Drive in front of 86 W.Ponderosa
Green Street & Hwy 70
Pacific and Fourth
South side of the Feather River net to the Union Pacific RR yard
175 Main St.

1

1

drainage ditch at the location it crosses

1

1

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

CSD sewer lateral cleanout

came from lateral clean out

Overflow from manhole lid.
Cleanout

Clean-out in front of Library, and extending into lawn.

Spill was out of the cleanout box.

Cleanout #9

Air release valve

Unpaved surface
Unpaved surface
Unpaved surface
Surface water
Unpaved surface
Unpaved surface
Surface water
Storm drain
Unpaved surface
Other paved surface
Street/curb and gutter
Other (specify below)
Unpaved surface
Other (specify below)
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Street/curb and gutter
Unpaved surface
Other (specify below)
Other (specify below)
Storm drain
Building or structure
Unpaved surface
Separate storm drain
Unpaved surface
Street/curb and gutter
Unpaved surface
Unpaved surface
Separate storm drain
Storm drain
Street/curb and gutter
Unpaved surface
Unpaved surface
Unpaved surface
Street/curb and gutter
Other paved surface
Separate storm drain;Street/curb and gutter;Surface water
Street/curb and gutter
Unpaved surface
Street/curb and gutter
Surface water
Other (specify below)
Drainage Channel;Unpaved surface
Street/curb and gutter
Street/curb and gutter
Other paved surface
Separate storm drain
Other (specify below)
Combined storm drain (combined CS only)
Surface water
Storm drain
Other paved surface
Other (specify below)

Spill froze to pavement immediately upon contact.

Pumped out of hole and dumped into sewer treatment plant pond

Roadside drainage

Water appears to have soaked into the ground within 20 yards of manhole

Dirt field area
dirt surface in walnut orchard

Wastewater puddled around the overflowing manhole at the shoulder of the roadway.

Spill ended up in dirt area on the side of the road.

Seasonal unlined drainage ditch that was dry at the time of the spill.

Catch basin

wastewater irrigation field

10/4/2008 20:00	10/4/2008 20:15	10/4/2008 20:30	10/4/2008 20:40
10/27/2008 11:00	10/27/2008 11:15	10/27/2008 11:20	10/27/2008 11:40
10/28/2008 10:00	10/28/2008 10:15	10/28/2008 16:10	10/28/2008 10:30
2/13/2009 16:30	2/14/2009 10:15	2/14/2009 10:15	2/14/2009 11:30
4/20/2009 9:00	4/20/2009 10:00	4/20/2009 10:30	4/20/2009 11:30
2/18/2010 14:00	2/18/2010 14:10	2/18/2010 14:10	2/18/2010 14:20
2/26/2010 0:00	2/26/2010 8:15	2/26/2010 8:15	2/26/2010 10:45
2/26/2010 6:00	2/26/2010 11:15	2/26/2010 11:30	2/26/2010 12:15
6/8/2010 0:00	6/8/2010 17:10	6/8/2010 17:20	6/8/2010 17:30
2/21/2011 0:00	2/21/2011 8:00	2/21/2011 8:30	2/21/2011 8:35
1/3/2008 11:40	1/3/2008 11:45	1/3/2008 11:55	1/3/2008 12:45
8/26/2009 8:30	8/26/2009 8:45	8/26/2009 8:55	8/26/2009 9:15
4/30/2011 14:00	4/30/2011 16:00	4/30/2011 16:20	4/30/2011 17:00
2/7/2010 12:15	2/7/2010 13:15	2/7/2010 13:30	2/7/2010 13:45
3/10/2009 0:00	3/10/2009 10:30	3/10/2009 11:00	3/10/2009 13:30
12/11/2009 0:00	12/13/2009 13:00	12/13/2009 13:00	12/15/2009 15:00
12/4/2007 10:05	12/4/2007 10:12	12/4/2007 10:00	12/4/2007 10:21
11/13/2008 3:30	11/13/2008 8:50	11/13/2008 9:05	11/13/2008 10:30
12/18/2009 2:00	12/18/2009 2:10	12/18/2009 2:22	12/18/2009 2:45
4/23/2010 10:05	4/23/2010 14:40	4/23/2010 14:40	4/23/2010 15:30
5/27/2010 0:00	5/27/2010 10:45	5/27/2010 10:00	5/27/2010 10:50
10/21/2013 10:45	10/21/2013 10:58	10/21/2013 11:11	10/21/2013 11:41
2/10/2008 14:19	2/10/2008 14:29	2/10/2008 14:40	2/10/2008 14:40
4/23/2010 23:00	4/23/2010 23:44	4/24/2010 0:30	4/24/2010 1:13
9/10/2013 4:57	9/10/2013 4:57	9/10/2013 5:10	9/10/2013 5:30
2/29/2008 12:00	2/29/2008 12:22	2/29/2008 12:42	2/29/2008 13:00
9/17/2008 9:30	9/17/2008 9:30	9/17/2008 9:45	9/17/2008 11:30
1/18/2009 12:00	1/18/2009 12:00	1/18/2009 12:20	1/18/2009 12:30
5/14/2009 14:45	5/14/2009 14:45	5/14/2009 14:45	5/14/2009 15:30
6/20/2009 20:30	6/20/2009 20:30	6/20/2009 21:00	6/20/2009 22:10
2/10/2010 8:00	2/10/2010 8:30	2/10/2010 8:40	2/10/2010 8:45
4/6/2010 19:50	4/6/2010 20:02	4/6/2010 20:20	4/6/2010 20:25
6/1/2010 0:00	6/1/2010 13:35	6/1/2010 13:40	6/1/2010 13:55
3/23/2012 10:45	3/23/2012 10:50	3/23/2012 10:50	3/23/2012 11:00
5/17/2012 9:47	5/17/2012 9:47	5/17/2012 9:55	5/17/2012 10:10
5/21/2012 8:53	5/21/2012 8:53	5/21/2012 9:00	5/21/2012 9:18
6/26/2012 9:20	6/26/2012 9:20	6/26/2012 9:30	6/26/2012 9:35
8/11/2012 9:20	8/11/2012 9:20	8/11/2012 9:30	8/11/2012 9:35
11/25/2012 0:00	11/25/2012 9:20	11/25/2012 9:37	11/25/2012 9:46
2/1/2013 8:22	2/1/2013 8:22	2/1/2013 8:32	2/1/2013 8:42
2/26/2013 0:00	2/26/2013 12:30	2/26/2013 12:40	2/26/2013 13:20
8/9/2013 10:40	8/9/2013 10:45	8/9/2013 10:45	8/9/2013 11:05
4/29/2009 12:30	4/29/2009 12:45	4/29/2009 12:30	4/29/2009 12:50
7/2/2010 0:00	7/2/2010 9:15	7/2/2010 10:30	7/2/2010 17:00
11/14/2013 13:00	11/14/2013 13:45	11/14/2013 14:00	11/14/2013 17:30
4/7/2009 12:25	4/7/2009 12:30	4/7/2009 12:35	4/7/2009 14:00
4/7/2009 12:25	4/7/2009 12:30	4/7/2009 12:35	4/7/2009 14:00
7/5/2011 0:00	7/5/2011 12:25	7/5/2011 9:10	7/5/2011 9:47
11/19/2012 0:00	11/19/2012 7:30	11/19/2012 7:40	11/19/2012 8:45
9/16/2009 0:00	9/16/2009 9:16	9/16/2009 9:15	9/16/2009 9:40
12/28/2009 8:30	12/28/2009 8:50	12/28/2009 8:50	12/28/2009 9:10
3/16/2011 0:00	3/16/2011 7:00	3/16/2011 6:45	3/16/2011 7:00
1/30/2009 22:56	1/30/2009 22:56	1/30/2009 23:06	1/30/2009 23:58
2/7/2013 8:30	2/7/2013 10:15	2/7/2013 0:00	2/7/2013 0:00
9/15/2013 9:15	9/16/2013 9:16	9/16/2013 9:16	9/18/2013 9:18

Grease deposition (FOG)
Grease deposition (FOG)
Grease deposition (FOG)
Debri-General
Debri-General
Grease deposition (FOG)
Grease deposition (FOG)
Grease deposition (FOG)
Grease deposition (FOG)
Grease deposition (FOG)
Debri-General
Other (specify below)
Pump station failure
Operator error
Debri-General
Debri-General
Pipe structural problem/failure
Pipe structural problem/failure
Debri-Rags
Pipe structural problem/failure
Pipe structural problem/failure
Damage by Others Not Related to CS Construction/Maintenance (Specify Below)
Operator error
Debri-General
Pipe Structural Problem/Failure
Debri-General
Grease deposition (FOG)
Root intrusion
Debri-General
Debri-General
Debri-General
Debri-General
Debri-General
Debri-General
Debri-General
Debri-General
Debri-General
Debri-General
Debri-General
Root intrusion
Root intrusion
Debri-General
Root intrusion
Pipe structural problem/failure
Damage by Others Not Related to CS Construction/Maintenance (Specify Below)
Debri-General
Debri-General
Pump station failure
Grease deposition (FOG)
Grease deposition (FOG)
Debri-General
Rainfall exceeded design (Separate CS Only)
Debri-Rags
Root intrusion
Pipe Structural Problem/Failure

partially clogged sewer main. Majority of the flow was allowed to go through the pipe. So there was a very small amoun
contractor hit pipe

Broken cleanout on sewer lateral. Filled with dirt.

blockage in the gravity sewer main
pipe crack
pipe crack
damage caused by backhoe working in orchard

Pipe breakage allowed for debris buildup.

Most likely cause of blockage was root intrusion in the sewer main.

Flooding caused debri to stike claen out on force main. it broke the cap and thats what started the spill.

old pipe

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

Lower Lateral
Main

Main
Main
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Main
Force Main

Main
Gravity Mainline
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Main
Main
Main

Main
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Main
Main
Main
Main
Main
Main
Main
Lower Lateral
Main
Force Main

Main
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Main
Main
Air Relief Valve (ARV)/Blow-Off Valve (BOV)

force main
power failure

Breakage in the mainline caused an overflow at the manhole.

clean out for main.

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	6	
	6 A/C	
		8
	4 c900	
	8	
	8 PVC	
	6 ABS	
	6 ABS	
	6 plastic	
	6 plastic	
No	6 abs	
	8 Plastic	
	6 PVC	
No	6 concrete	
	6 PVC	
	6 AC	
	8 AC	
	6	
	6 Clay	
	6 clay	
	8 PVC	
No	8 PVC	
	8 PVC	
	5 Sleeved	
	4 concrete	
No	2 steel	

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420
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25
360

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360

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
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
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;Other (specify below)
Cleaned-up (mitigated effects of spill)
Cleaned-up (mitigated effects of spill)
Cleaned-up (mitigated effects of spill)
Cleaned-up (mitigated effects of spill);Restored flow
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 syst
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
Contained all or portion of spill;Restored flow;Property Owner Notified;Other Enforcement Agency Notified
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

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);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
Restored flow
Contained all or portion of spill;Restored flow
Restored flow
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);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)
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
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;Returned all or portion of spill to sanitary sewer system
Contained all or portion of spill
Cleaned-up (mitigated effects of spill)
Contained all or portion of spill
Other (specify below)
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
Restored flow

Line was also jetted and debris removed

removed blockage from manhole to allow flow to resume to pump station

CCTV investigation, root cutting, placed on Hot Spot log.

the leak was pluged and we replaced clean out cap.

2/14/2009 16:30

2/26/2010 11:00
2/26/2010 15:00

12/21/2009 15:00

10/21/2013 14:28

2/29/2008 13:00

2/10/2010 5:00
4/6/2010 16:00

11/25/2012 12:15

2/27/2013 12:00

4/29/2009 15:30
7/2/2010 17:00
11/14/2013 16:30

9/16/2009 11:30

3/16/2011 7:00
1/30/2009 23:58

10/7/2013 10:07

Plan rehabilitation or replacement of sewer

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

Added sewer to preventive maintenance program

Repaired Facilities or Replaced Defect

Added sewer to preventive maintenance program

Added sewer to preventive maintenance program;Adjusted schedule/method of preventive maintenance
Plan rehabilitation or replacement of sewer;Repaired sewer

Other (specify below)

Other (specify below)

Added sewer to preventive maintenance program
Repaired sewer
Other (specify below)

Enforcement action against FOG source

Other (specify below)
Added sewer to preventive maintenance program

scheduling emergency repair of 40 feet of sewer main.

Flushed sewer line/Camera inspection

Inspected pipe using CCTV. Cut roots in problem area of main with high pressure flusher. Re-inspected to determine that

Stopped incoming sewer flow, augered sewer line, removed rootball obstruction, and pumped out both sewer manhole an

Force main was hit with a auger, repaired with 20 full circle repair clamp

Reinforced cap to resist impact from high water debri

Yes

Yes
Yes

No

No

No

No
Yes

Yes

No

No
No
No

No

No
Yes

No

Some discoloration on submerged creek vegitation caused by sewer overflow.
Some discoloration to vegitation in drainage area.

None

No visual impacts noted

Not applicable

No

No
No

No

No

Yes
No

No

No

Yes
Yes
No No

No

No
No

NA

NA
NA

NA

N/A

NA
NA

Oak Bottom Boat Launch Ramp
NA
N\A

Not applicable
na

NA

Humbug Creek

Humbug Creek and Feather River
NA

none

None

None
NA

storm drain

storm drain
NA

N/A

Drainage ditch tributary to Wagon Creek and Lake Siskiyou

none

Whiskeytown, NRA
NA
N\A

Not applicable
Not applicable
na

Feather River
NA

Not applicable to this spill

Biological indicator(s) - specify below
Biological indicator(s) - specify below

Not applicable to this spill

No water quality samples taken

Biological indicator(s) - specify below
Biological indicator(s) - specify below

Biological indicator(s) - specify below

No water quality samples taken

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

Not applicable to this spill

Other (specify below)
No water quality samples taken

Total Coliform and Fecal Coliforms
Total Coliform and Fecal Coliforms.

Total and Fecal Coliform
Total and Fecal Coliform-25 MPN/100 ml method

Total and Fecal Coliform

Total Coliforms E-coli
Fecal & Coliform

upstream and downstream

None of the above

Regional Water Quality Control Board
Regional Water Quality Control Board

Not applicable to this spill

None of the above

Regional Water Quality Control Board
Regional Water Quality Control Board

Regional Water Quality Control Board

None of the above

None of the above
County Health Agency
No water quality samples taken

County Health Agency;Regional Water Quality Control Board

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

Sample results will be sent after analysis is completed-approximately 3 weeks

Basic Labratory Redding California

pump gpm volume, size of damaged area in pipe, estamated spill start time to spill end time

Method 2 Measured Volume

amount of spill recovered via vac truck

	91269	2/14/2009 12:15
10-1413		3/26/2010 9:00
	101422	2/26/2010 11:30
	111072	2/22/2011 8:59
	95906	8/26/2009 9:55
	98307	12/13/2009 15:00
	88168	11/13/2008 11:01
	81256	2/11/2008 16:00
	102570	4/24/2010 2:30
	81728	2/29/2008 14:45
	101062	2/10/2010 9:50
	102217	4/6/2010 20:53
	127094	11/25/2012 11:00
	131188	2/26/2013 14:17
	736998	4/29/2009 0:00
	104022	7/2/2010 10:25
	137050	11/14/2013 13:45
	127009	11/19/2012 14:50
	96350	9/16/2009 10:30
	111590	3/16/2011 7:29

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Scott Sealander Interim Utilties Superintendent 5303470431

Larry Sullivan General Manager 5302830836