2SSO10091	Active	789273	Larry Luporini	Certified
2SSO10092	Active	735624	Chris Hansen	Certified
2SSO10092	Active	735889	Richard Ables	Certified
2SSO10093	Active	657889	J.E. Landi	Certified
2SSO10093	Active	715227	Joann Landi	Certified
2SSO10093	Active	767701	Joann Landi	Certified
2SSO10093	Active	788354	Joann Landi	Certified
2SSO10093	Active	797675	Jo	Certified
2SSO10094	Active	650584	Randy Ferrando	Certified
2SSO10094	Active	656130	Randy Ferrando	Certified
2SSO10094	Active	704992	Randy Ferrando	Certified
2SSO10094	Active	707876	Randy Ferrando	Certified
2SSO10094	Active	711983	Randy Ferrando	Certified
2SSO10094	Active	716952	Randy Ferrando	Certified
2SSO10094	Active	716960	Randy Ferrando	Certified
2SSO10094	Active	719305	Randy Ferrando	Certified
2SSO10094	Active	719309	Randy Ferrando	Certified
2SSO10094	Active	719310	Randy Ferrando	Certified
2SSO10094	Active	719311	Randy Ferrando	Certified
2SSO10094	Active	724566	Randy Ferrando	Certified
2SSO10094	Active	729482	Randy Ferrando	Certified
2SSO10094	Active	734035	Randy Ferrando	Certified
2SSO10094	Active	737069	Randy Ferrando	Certified
2SSO10094	Active	738877	Randy Ferrando	Certified
2SSO10094	Active	741230	Randy Ferrando	Certified
2SSO10094	Active	746252	Randy Ferrando	Certified
2SSO10094	Active	749555	Randy	Certified
2SSO10094	Active	756490	Randy Ferrando	Certified
2SSO10094	Active	762452	Randy Ferrando	Certified
2SSO10094	Active	775685	Randy Ferrando	Certified
2SSO10094	Active	777409	Randy Ferrando	Certified
2SSO10094	Active	781746	Randy Ferrando	Certified
2SSO10094	Active	787661	Randy Ferrando	Certified
2SSO10094	Active	788777	Randy Ferrando	Certified
2SSO10094	Active	788841	Randy Ferrando	Certified
2SSO10094	Active	788844	Randy Ferrando	Certified
2SSO10094	Active	792198	Randy Ferrando	Certified
2SSO10094	Active	794044	Randy Ferrando	Certified
2SSO10095	Active	650092	Nathaniel Rankin	Certified
2SSO10095	Active	650170	Gerald Gall	Certified
2SSO10095	Active	650350	Nathaniel Rankin	Certified
2SSO10095	Active	650351	Nathaniel Rankin	Certified
2SSO10095	Active	654506	Gerald Gall	Certified
2SSO10095	Active	656550	Gerald Gall	Certified
2SSO10095	Active	656555	Gerald Gall	Certified
2SSO10095	Active	656986	Gerald Gall	Certified
2SSO10095	Active	657813	Gerald Gall	Certified
2SSO10095	Active	705376	Gerald Gall	Certified
2SSO10095	Active	709840	Gerald Gall	Certified
2SSO10095	Active	710196	Gerald Gall	Certified
2SSO10095	Active	710421	Gerald Gall	Certified
2SSO10095	Active	710510	Gerald Gall	Certified
2SSO10095	Active	712547	Jeff Gregory	Certified
2SSO10095	Active	712793	Gerald Gall	Certified
2SSO10095	Active	713002	Gerald Gall	Certified

Public Works Superintendent
Chief Plant Operator
Water/Sewer Treatment Plant Supervisor
Clerk
Clerk
Clerk
Clerk
Clerk
Services Manager
Public Works Services Manager
Public Works Services Manager
Public Works Services Manager
Public Works Services Manager
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Services Manager
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Public Works Services Manager
Ferrando
Public Works Services Manager
Services Manager
Public Works Services Manager
Public Works Services Manager
Public Works Services Manager
Public Works Services Manager
Public Works Services Manager
Public Works Services Manager
Public Works Services Manager
Public Works Services Manager
Public Works Services Manager
PW Maint.Supt.
WWTP Superintendent
PW maint.Supt.
PW Maint. Supt.
Superintendent
WWTP superintendent
WWTP Superintendent
WWTP Superintendent
WWTP Superintendent
WWTP Superintendent
WWTP Superintendent
WWTP Superintendent
WWTP Superintendent
WWTP Superintendent
Acting Superintendent
WWTP Superintendent
WWTP Superintendent

	1/3/2013	212097
	1205	750686
1430 hours		156150
Bayshore SD		937886
Aux. Office		736114
San Mateo County		726476
San Mateo County		747190
San Mateo County		230559
Belmont, CA		432340
Belmont, CA		381638
Belmont, CA		834903
Belmont, CA		657367
Belmont, CA		199980
Belmont, CA		835047
belmont, CA		861140
Belmont, CA		552298
Belmont, CA		469917
Belmont, CA		313749
Belmont, CA		618604
Belmont, CA		369672
Belmont, CA		551996
Belmont, CA		318233
Belmont, CA		278501
Belmont, CA		152197
Belmont, CA		164070
Belmont, CA		274250
Belmont, CA		633438
Belmont, CA		706689
belmont, CA		605070
belmont, CA		653795
Belmont, CA		584230
Belmont, CA		614134
Belmont, CA		317033
Belmont CA		661549
Menlo Park, CA		845177
Menlo Park, CA		806712
Belmont, CA		471141
Belmont, CA		935471
CY		206875
614 E 5th Benicia		453436
CY		883892
CY		806691
614 E 5th Street Benicia CA 64510		793111
614 East 5th St. Benicia CA. 94510		910362
614 East 5th Street Benicia CA. 94510		363732
614 East 5th Street Benicia CA. 94510		885820
614 East 5th Street Benicia CA. 94510		659249
614 E 5th Street Benicia CA 94510		972072
614 East 5th Street, Benicia CA 94510		976295
614 east 5th Street, Benicia CA 94510		160915
614 East 5th Street Benicia CA. 94510		709122
614 East 5th Street Benicia Ca. 94510		718962
City Of Benicia		507609
614 East 5th street Benicia CA 94510		316255
614 East 5th Street Benicia CA 94510		783860

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

Category 1	9300	50
Category 3	300	0
Category 3	625	0
Category 3	200	40
Category 3	90	0
Category 3	1	0
Category 3	40	0
Category 1	165	100
Category 1	150	30
Category 3	40	20
Category 3	34	0
Category 1	400	100
Category 3	120	120
Category 1	400	250
Category 3	15	10
Category 3	300	300
Category 3	20	20
Category 3	80	80
Category 3	10	10
Category 3	80	80
Category 3	5	5
Category 3	10	5
Category 1	250	75
Category 3	50	30
Category 3	30	20
Category 3	225	225
Category 3	15	8
Category 3	10	5
Category 3	200	150
Category 3	15	15
Category 3	80	25
Category 3	120	80
Category 3	344	344
Category 3	50	15
Category 1	21840	0
Category 1	12480	0
Category 3	82	82
Category 1	13325	6664
Category 3	20	0
Category 1	1000	100
Category 3	10	5
Category 1	300	0
Category 3	1	1
Category 3	1	0
Category 3	1	0
Category 3	50	0
Category 3	2	2
Category 2	1276	1276
Category 1	5800	0
Category 3	40	40
Category 3	25	25
Category 3	50	50
Category 3	25	0
Category 1	3000	0
Category 3	50	50

9300	No	Yes
0	No	No
0	No	No
0	No	Yes
0	No	No
0	No	No
0	No	No
65	No	Yes
1	No	Yes
0	No	No
	No	No
300	No	Yes
	No	No
150	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
175	No	Yes
0	No	No
0	No	No
0	No	No
0	No	No
0	No	No
0	No	No
0	No	Yes
0	No	No
0	No	No
0	No	No
0	No	No
21840	Yes	Yes
12480	Yes	Yes
0	No	No
6661	Yes	Yes
0	No	No
100	No	Yes
0	No	No
300	No	Yes
	No	No
0	No	No
0	No	No
0	No	No
	No	No
0	No	No
5800	Yes	Yes
	No	No
	No	No
	No	No
0	No	No
300	Yes	No
	No	No

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

3466 Broadway
West Garrison Restroom facility/ Angel Island State Park
West Garrison Lift station #7
47 Midway Drive
Talbert & McDonald Avenue
2850 Old Bayshore Highway
McDonald and Talbert Avenue, Daly City
2700 Bayshore Boulevard
Cipriani Blvd and Lincoln Ave
Belmont Canyon Road
3014 San Juan Boulevard
700 Block of El Camino Real
2827, 2825, 2823 San Ardo Way
3204 East Laurel Creek Road
2212 Semeria Ave
604 Mountain View Avenue
1235 North Road
1205 Geraldine Way
2407 Lincoln Avenue
100 El Camino Real
1250 North Road
1237 North Road
2604 Cipriani Blvd.
2305 Wooster Avenue
880 Gordon Avenue
2711 Barclay Way
2114 Lyon Avenue
2229 Semeria Avenue
2630 Ponce Avenue
2803 Ponce Ave
3523 Hillcrest Drive
2410 DeKoven
2711 Barclay Way
8 Talbyrn Lane
Alameda De Las Pulgas & Mezes Ave
Alameda De Las Pulgas and Mezes Ave.
1412 El Camino Real
1830 Belburn Drive
49 Corte Dorado
200 ft. west of McCallister Drive
49 Corte Dorado
280 West K street
47 La Cruz
717 West L st.
110 Inverness ct.
732 feet south-west of 2980 Bayshore
manhole in street
King Solomon Church
W.Military/W. 7th st.
888 Oxford Way
600 Block West I Street
West 5th & K
427 E. I Street
265 Channel Court
Franchesca Court

38.171978	-122.25327	Napa
37.859912	-122.443102	Marin
37.862	-122.442	Marin
37.70223	-122.41419	San Mateo
37.70588	-122.40878	San Mateo
37.68077	-122.39997	San Mateo
37.70607	-122.40847	San Mateo
37.70508	-122.40722	San Mateo
37.517856	-122.341667	San Mateo
37.5125	122.318889	San Mateo
37.516944	122.313333	San Mateo
37.522167	122.278056	San Mateo
37.516889	122.301108	San Mateo
37.522889	-122.312361	San Mateo
37.520417	-122.301972	San Mateo
37.527194	122.281889	San Mateo
37.52475	122.28475	San Mateo
37.50725	122.292833	San Mateo
37.517833	122.304306	San Mateo
37.529205	122.287209	San Mateo
37.524055	122.28753	San Mateo
37.52454	122.287567	San Mateo
37.514195	-122.303698	San Mateo
37.520722	-122.304917	San Mateo
37.521139	-122.277944	San Mateo
37.51699	-122.31096	San Mateo
37.586389	-122.319167	San Mateo
37.519596	-122.299967	San Mateo
37.513889	-122.302475	San Mateo
37.514711	-122.304192	San Mateo
37.516222	-122.318778	San Mateo
37.518476	-122.304904	San Mateo
37.51703	-122.310963	San Mateo
37.515222	-122.276944	San Mateo
37.520389	-122.297611	San Mateo
37.520389	-122.297611	San Mateo
37.516694	-122.272944	San Mateo
37.51474	-122.29186	San Mateo
38.060401	-122.14244	Solano
38.081944	122.146667	Solano
38.060401	-122.14244	Solano
38.05444	-122.14244	Solano
38.061667	-122.139444	Solano
38.060278	-122.17	Solano
38.066924	-122.160278	Solano
38.057322	-122.1275	Solano
38.057175	122.168037	Solano
38.063651	-122.175382	Solano
38.048222	-122.14318	Solano
38.091548	-122.18255	Solano
38.056879	-122.16945	Solano
38.056694	-122.164167	Solano
38.048341	-122.1507	Solano
38.082664	-122.139254	Solano
38.0547	-122.145949	Solano

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Manhole in front of 3466 Braodway, paved parking area.
Restroom at West Garrison facility.
Wstewater Lift station # 7, West Garrison/Camp Reynolds, System ID 2SSO:0092 Angel Island State Park
sidewalk near basket ball court
intersection of Talbert and McDonald Avenue
Manhole K4 - 5
McDonald at Talbert Avenue
manhole on corner of Bayshore Boulevard and McDonald Avenue
Manhole located at the intersection of Cipriani and LIncoln. Paved two-way street
Entered house via tub and toilet

Interestion of El Camino Real and Middle Road
2823 San Ardo bath tub, shower pan, and carpet. 2827 San Ardo experienced water coming from ceiling and wall in third

Inside building.

Upstairs master bathroom.

From Manhole in street.

Broken section of sidewalk caused by ruptured water main
Basement of single family home
sewer access road between Kearney Street and McCallister Drive
Basement of single family home
Manhole overflowed in street caused by plug in main

Spill out of valve box onto railroad tracks.
Manhole in street at above listed location.

North of intersection

Private Driveway

Inside residence.
Spill was out of manhole # 722 under E.2nd street Bridge behind Benicia Plumbing Company equipment yard.

floor which was below sewer main grad

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

No spill upon arrival; evidence of possible minor overflow.

Spill came up from bathroom shower.

Property clean out
Property line clean out
Property line clean out

Hole in section of pipe

Private lateral clean-out located in soil.

Spill occured inside an empty building being remodeled by a contractor. Spill was contained to an 11'x 6' area of the floor
Spill appearance point from two manholes (443004A and 443108) and from broken section of sidewalk

Cleanout in Driveway

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

large unpaved dirt area around manhole

unknown
seeped into vegetation around manhole

Everything soaked into rugs and floors and residents called service master to remove rugs. The water that remained in tu
East Laurel Creek
Spill came up from Bathroom Shower.

The bathrooms located inside 2711 Barclay.

Belmont Creek

The backup/overflow was confined to concrete slabfloor of basement.
Open space dirt area

Manhole

Spill was fully collected by City forces.

Surrounding unpaved surface and Sulfur Springs Creek. (See attached memo for further details).

12/20/2012 6:15	12/21/2012 12:34	12/21/2012 12:45	12/21/2012 13:00
3/27/2009 9:15	3/27/2009 9:50	3/27/2009 9:50	3/27/2009 9:55
4/1/2009 13:45	4/1/2009 13:49	4/1/2009 14:20	4/1/2009 14:10
9/21/2007 9:45	9/21/2007 9:45	9/21/2007 10:05	9/21/2007 10:20
3/22/2008 10:00	3/22/2008 10:01	3/22/2008 10:20	3/22/2008 10:30
6/21/2011 11:33	6/21/2011 11:33	6/21/2011 12:15	6/21/2011 12:35
11/24/2012 9:56	11/24/2012 9:56	11/24/2012 10:25	11/24/2012 10:25
8/6/2013 22:00	8/6/2013 22:05	8/6/2013 22:45	8/6/2013 22:55
5/15/2007 8:00	5/15/2007 8:00	5/15/2007 8:20	5/15/2007 8:30
8/15/2007 20:40	8/15/2007 20:40	8/15/2007 21:20	8/15/2007 21:50
10/9/2007 20:11	10/9/2007 20:11	10/9/2007 20:41	10/9/2007 20:58
11/15/2007 7:30	11/15/2007 7:30	11/15/2007 7:40	11/15/2007 7:55
1/25/2008 8:00	1/25/2008 8:00	1/25/2008 8:30	1/25/2008 9:30
5/1/2008 9:30	5/1/2008 9:30	5/1/2008 9:45	5/1/2008 10:30
4/25/2008 14:50	4/25/2008 14:50	4/25/2008 15:05	4/25/2008 18:15
6/4/2008 6:45	6/4/2008 6:45	6/4/2008 7:00	6/4/2008 8:00
5/4/2008 13:30	5/4/2008 13:30	5/4/2008 14:00	5/4/2008 16:30
5/19/2008 19:30	5/19/2008 19:30	5/19/2008 20:00	5/20/2008 0:30
5/29/2008 16:30	5/29/2008 16:30	5/29/2008 16:50	5/29/2008 18:00
8/3/2008 11:30	8/3/2008 11:30	8/3/2008 12:00	8/3/2008 15:00
11/14/2008 9:45	11/14/2008 9:45	11/14/2008 10:00	11/14/2008 12:00
2/12/2009 9:10	2/12/2009 9:10	2/12/2009 9:25	2/12/2009 11:00
4/29/2009 9:13	4/29/2009 9:15	4/29/2009 9:20	4/29/2009 9:50
5/19/2008 12:00	5/19/2008 12:15	5/19/2008 12:15	5/19/2008 14:15
7/2/2009 20:15	7/2/2009 20:15	7/2/2009 20:45	7/3/2009 0:00
10/21/2009 7:35	10/21/2009 7:35	10/21/2009 7:40	10/21/2009 9:35
1/31/2010 2:00	1/31/2010 2:45	1/31/2010 2:45	1/31/2010 6:45
8/1/2010 18:20	8/1/2010 17:50	8/1/2010 18:20	8/1/2010 18:30
1/22/2011 12:50	1/22/2011 12:50	1/22/2011 1:15	1/22/2011 6:50
1/4/2012 15:30	1/4/2012 15:30	1/4/2012 15:45	1/4/2012 15:50
1/21/2012 8:45	1/21/2012 8:45	1/21/2012 9:10	1/21/2012 9:25
5/5/2012 9:30	5/5/2012 9:30	5/5/2012 10:30	5/5/2012 12:00
10/1/2012 8:00	10/1/2012 8:00	10/1/2012 8:15	10/1/2012 8:45
11/26/2012 7:30	11/26/2012 7:30	11/26/2012 7:45	11/26/2012 7:55
11/30/2012 9:30	11/30/2012 9:30	11/30/2012 9:45	11/30/2012 13:00
12/2/2012 9:30	12/2/2012 9:30	12/2/2012 9:40	12/2/2012 11:30
2/4/2013 9:00	2/4/2013 9:00	2/4/2013 9:45	2/4/2013 9:55
5/6/2013 12:40	5/6/2013 12:48	5/6/2013 13:00	5/6/2013 14:00
5/2/2007 20:24	5/2/2007 20:24	5/2/2007 20:44	5/2/2007 20:45
5/5/2007 6:30	5/5/2007 6:30	5/5/2007 7:00	5/5/2007 7:45
5/7/2007 16:10	5/7/2007 16:10	5/7/2007 16:17	5/7/2007 16:25
5/10/2007 7:00	5/10/2007 7:00	5/10/2007 7:10	5/10/2007 0:00
6/11/2007 9:25	6/11/2007 9:30	6/11/2007 9:40	6/11/2007 10:00
7/1/2007 8:00	7/1/2007 8:10	7/1/2007 8:40	7/1/2007 10:00
7/29/2007 10:00	7/29/2007 10:30	7/29/2007 11:20	7/29/2007 12:15
9/5/2007 8:50	9/5/2007 9:00	9/5/2007 9:00	9/5/2007 10:00
8/22/2007 1:00	8/22/2007 1:00	8/22/2007 1:15	8/22/2007 1:37
10/15/2007 13:00	10/15/2007 15:15	10/15/2007 15:45	10/15/2007 16:30
12/18/2007 12:00	12/18/2007 12:00	12/18/2007 12:05	12/18/2007 12:29
12/21/2007 10:15	12/21/2007 10:25	12/21/2007 10:30	12/21/2007 10:40
12/27/2007 8:15	12/27/2007 8:18	12/27/2007 8:25	12/27/2007 8:30
12/27/2007 10:35	12/27/2007 10:30	12/27/2007 10:30	12/27/2007 10:40
1/30/2008 13:00	2/5/2008 13:00	2/5/2008 13:15	2/5/2008 13:15
2/12/2008 14:15	2/12/2008 14:15	2/12/2008 14:40	2/12/2008 15:15
2/15/2008 11:10	2/15/2008 11:10	2/15/2008 11:10	2/15/2008 11:50

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

Contractor performing work at nearby downstream property on 12-19-12 drilled through sewer main causing blockage anc
Flushometer toilet valve stuck open due to vandalism (kids were in the vicinity shortly before time of incident) continual fl

grease and debris

The sewer mains upstream from spill were root foamed two days before spill.
The City's sewer main was blocked by a large amount of paper, rags,clumps of paint and a clay like substance. Three 5-g

In 2001 the City of Belmont did a slip lining patch project. One of the slip lining patches failed and collapsed inside the 6

Dead roots from line (upstream) blocked mouth of downstream M/H.

Rock/Grit
The roots from 2713 Barclay Way lateral grew into the City's sewer main. The roots from 2713 Barclay Way lateral cause

Flow exceeded capacity due to storm

6 water main owned by Mid-Peninsula Water District ruptured and dislodged 6 gravity sewer main line causing spill.

Roots and grease

Grit in line

Broken ARV valve, reason unknown.
unknown
Unknown blockage

Pipe additionaly had structural problems
Intermittant electrical fault in Lift Station control panel

The City determined that there were tree roots growing in the City main which caused blockage. The main was cleared.
A flexible PVC hose 1.5 inches diameter x 8 feet long, and industrial rags.
Unknown at this time

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

Main
Main

Main
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Main

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Main

Main
Main

Manhole lid preceding Lift station holding tank.
Sanitary sewer solids settling tank manhole lids

Dead roots from upstream sewer main blocked mouth of downstream M/H

6	a/c
4	plastic
4	ABS
10	VCP
5	PVC
10	HDPE
5	PVC
5	PVC
6	VCP
6	VCP
6	VCP
6	Clay
6	vcp
6	VCP
6	VCP
6	vcp
6	VCP
6	VCP
6	VCP
8	VCP
6	VCP
6	VCP
6	vcp
6	concrete
6	Slip line patch
6	VCP
6	VCP
6	VCP
6	VCP
6	slipelined
6	VCP
6	VCP
6	VCP
8	VCP
8	VCP
6	VCP
6	VCP
6	AC
8	SDR 35
8	clay
6	
4	
8	
6	clay
8	
8	clay
4	
6	
6	Clay
12	AC
6	

40
15
15
37
15
20
20
20
47
45
40
57
53
58
58
58
52
39
82
70

53
56
39
52

80
87
11
14
57
55
42
65
65
83
73

15

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

Operator turned off water supply to facility to stop flow. Repaired defective valve.

City staff was informed at 7:30PM and arrived on scene at 8:00PM. Cleared main line of roots and returned spilled sewag
City staff received call at 4:30PM and arrived on scene at 4:50PM. Cleared line of blockage and returned sewage back to

The City's standby personal received a call of standing water in backyard. Standby person arrived within 30 minutes and
The sewer crew received a call of a back-up in residential home. Sewer crew arrived within 5 minutes after getting dispat
Standby person received the call at 2114 Lyon Ave and responded within 45 minutes. Staff cleared line of roots with jet tr
City staff was informed at 5:50PM and arrived at 6:20PM. Cleared line of roots and returned spilled sewage back into san
The section of sewer main from M/H 442325 to M/H 442329 was pipebursted five days after spill had happen.
City crews responded to M/H overflowing. Crews responded within 15 minutes and cleared sewer main within 5 minutes c
City crews arrived on scene within 25 minutes of receiving the call. City crews contained and restored flow. City crews jet
City stand-by personal received a call of water in street. Crew arrived at scene and cleared line with jet truck and vacuum
The City's crew responded to a sewer main call. Crews responded within 15 minutes and relieved the backed-up sewer m
City crews responded to a sewer call at 8 Talbyrn Lane. Crews arrived within 15 minutes and had mainline cleared within
Resident reported water coming out of M/H located in the street at Mezes and Alameda. City crews arrived within fifteen
Resident reported water running out of M/H. City crews arrived within 10 minutes. Crews checked downstream M/H and f
City's crew responded to a sewage call. Crews responded within 45 minutes, cleared mainline blockage within 10 minutes
Set up sewer by-pass at upstream manhole at 14:00 hours and diverted all flow to another gravity sewer main line. Eleve

Due to steep dirt ravine and open space, only portion of overflow could be recovered.

Contracted cleaning Service to mitigate and clean structure interior

Contanied portion of spill, cleaned-up, and restored flow.

12/22/2012 6:30

9/21/2007 11:30

8/6/2013 23:50
5/15/2007 0:00

11/15/2007 8:45

5/1/2008 16:10

4/29/2009 9:50

11/30/2012 14:30
12/2/2012 11:30

5/6/2013 19:00

5/5/2007 12:00

5/10/2007 7:53

10/16/2007 19:00
12/18/2007 12:30

2/12/2008 20:45

Repaired sewer;Other (specify below)

Adjusted schedule/method of preventive maintenance

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

Plan rehabilitation or replacement of sewer;Repaired sewer

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

Repaired sewer;Other (specify below)

Other (specify below)

Added sewer to preventive maintenance program

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

Adjusted schedule/method of preventive maintenance

Replaced 53 feet of 6 a/c sewer main plugged with Grout ,

Damaged sections of pipe were repaired on 12/13/2007

This portion of main line was added to our continuous root foaming program.

Mid-Peninsula Water District replaced ruptured section of water main and City of Belmont replaced damaged section of 6

Follow-up maintenance to be determined by visual inspections and sewer maintenance as required.

Monitor area for volumes
Hydro-jet 8 city SSmain 150ft from M/H 191 to M/H 200 to clear grease blockage and restore flow. Washdowned affecte

Yes

No

No
No

Yes

No

No

Yes
Yes

No

No

No

Yes
No

Yes

N/A
n/a

no impact

none
n/a

No solids or debris seen in creek.

N/A

N/A

clear

No

No

No
No

No

No

No

No
No

No

No

No

Yes
No

Yes

NA

none
n/a

N/A

N/A

N/A

N/A

N/A

N/A

N/A

NA
NA

None

Possibly reached Am Cyn Creek, Due to excessive rain unable to sample due to safety concerns entering sample sight

NA
none
none
none
n/a
No surface waters were impacted

N/A

East Laurel Creek
No surface waters were impacted

N/A

No surface waters were impacted

N/A
None.
N/A

Belmont Creek
Belmont Creek

Belmont Creek
N/A
N/A
N/A
N/A

NA
Southhampton Bay

Sulfur Springs Creek

No water quality samples taken

No water quality samples taken

Not applicable to this spill
No water quality samples taken

Not applicable to this spill

Other chemical indicator(s) - specify below

Not applicable to this spill

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

Biological indicator(s) - specify below

No water quality samples taken

Dissolved oxygen;Other (specify below)

No water quality samples taken
No water quality samples taken

Other (specify below)

The City of Belmont tested for ammonia both upstream and downstream from spill while responding to the call with Hach

Ammonia and Coliform.

Samples tested for fecal coliform. We estimate that out of the 13325 gallons spilled, 75.4 gallons was sewage.

Bacteria

Awaiting findings.

No water quality samples taken

None of the above

None of the above
None of the above

None of the above

Regional Water Quality Control Board

No water quality samples taken;Not applicable to this spill

County Health Agency
No water quality samples taken

County Health Agency

None of the above

None of the above

No water quality samples taken
None of the above

None of the above

N/A

130036	1/3/2013 9:35
83178	5/1/2008 11:30
127259	11/30/2012 13:05
127316	12/2/2012 13:07
132714	5/6/2013 14:35
72682	5/2/2007 20:50
72740	5/5/2007 11:20
72850	5/10/2007 13:21
72849	5/10/2007 13:20
76303	10/15/2007 16:30
77802	12/19/2007 9:00
77842	12/21/2007 13:05
77970	12/28/2007 12:30
81112	2/6/2008 8:15
81286	2/12/2008 17:30
81361	2/15/2008 12:17

2SSO10095	Active	715595	Gerald Gall	Certified
2SSO10095	Active	717663	Gerald Gall	Certified
2SSO10095	Active	718539	Gerald Gall	Certified
2SSO10095	Active	719347	Nathaniel Rankin	Certified
2SSO10095	Active	720072	Gerald Gall	Certified
2SSO10095	Active	724291	Gerald Gall	Certified
2SSO10095	Active	725838	Gerald Gall	Certified
2SSO10095	Active	725875	Gerald Gall	Certified
2SSO10095	Active	729220	Jeff Gregory	Certified
2SSO10095	Active	729394	Michael W Throne	Certified
2SSO10095	Active	729930	Michael W Throne	Certified
2SSO10095	Active	731166	Jeff Gregory	Certified
2SSO10095	Active	731191	Gerald L. Gall	Certified
2SSO10095	Active	733250	Michael W Throne	Certified
2SSO10095	Active	734492	Michael W Throne	Certified
2SSO10095	Active	735171	Michael W Throne	Certified
2SSO10095	Active	735933	Nathaniel Rankin	Certified
2SSO10095	Active	736008	Michael W Throne	Certified
2SSO10095	Active	736463	Nathaniel Rankin	Certified
2SSO10095	Active	736466	Nathaniel Rankin	Certified
2SSO10095	Active	736467	Nathaniel Rankin	Certified
2SSO10095	Active	737158	Michael W Throne	Certified
2SSO10095	Active	737279	Michael W Throne	Certified
2SSO10095	Active	741416	Nathaniel Rankin	Certified
2SSO10095	Active	741996	Nathaniel Rankin	Certified
2SSO10095	Active	742443	Nathaniel Rankin	Certified
2SSO10095	Active	742508	Nathaniel Rankin	Certified
2SSO10095	Active	744010	Nathaniel Rankin	Certified
2SSO10095	Active	744650	Jeff Gregory	Certified
2SSO10095	Active	744833	Nathaniel Rankin	Certified
2SSO10095	Active	745529	Nathaniel Rankin	Certified
2SSO10095	Active	745929	Nathaniel Rankin	Certified
2SSO10095	Active	745995	Nathaniel rankin	Certified
2SSO10095	Active	747972	Nathaniel Rankin	Certified
2SSO10095	Active	749122	Nathaniel Rankin	Certified
2SSO10095	Active	749539	Nathaniel Rankin	Certified
2SSO10095	Active	752222	Nathaniel Rankin	Certified
2SSO10095	Active	752725	Nathaniel Rankin	Certified
2SSO10095	Active	753629	Nathaniel Rankin	Certified
2SSO10095	Active	754366	Nathaniel Rankin	Certified
2SSO10095	Active	756633	Nathaniel Rankin	Certified
2SSO10095	Active	756862	Nathaniel Rankin	Certified
2SSO10095	Active	759644	Nathaniel Rankin	Certified
2SSO10095	Active	760062	Nathaniel Rankin	Certified
2SSO10095	Active	762337	Nathaniel Rankin	Certified
2SSO10095	Active	762439	Nathanile Ranki	Certified
2SSO10095	Active	763987	Nathaniel Rankin	Certified
2SSO10095	Active	767428	Nathaniel Rankin	Certified
2SSO10095	Active	769842	Nathaniel rankin	Certified
2SSO10095	Active	772425	Nathaniel Rankin	Certified
2SSO10095	Active	772785	Nathaniel Rankin	Certified
2SSO10095	Active	773012	Nathaniel Rankin	Certified
2SSO10095	Active	773712	Nathaniel Rankin	Certified
2SSO10095	Active	774293	Nathaniel Rankin	Certified
2SSO10095	Active	776740	Nathaniel Rankin	Certified

WWTP Superintendent
WWTP Superintendent
WWTP Superintendent
PW Maint.Supt.
WWTP Superintendent
WWTP Superintendent
WWTP Superintendent
WWTP Superintendent
Acting Superintendent
City Engineer
City Engineer
Acting Superintendent
WWTP Superintendent
City Engineer
City Engineer
City Engineer
PW Maint. Supt.
City Engineer
PW Maint. Supt.
PW Maint. Supt.
PW Maint. Supt.
City Engineer
City Engineer
PW Maintenance Supt.
PW Maint. Supt.
PW Mait. Supt.
PW Maint. Supt.
PW Maintenance Supt.
Acting Superintendent
PW Maint. Supt.
PW Maint. Supt.
PW Mait. Supt.
PW Maint.Supt.
PW Supt.
PW Maint. Supt.
PW Maint. Supt.
PW Maint. Supt.
PW Maint. Supt.
PW Maint. Supt.
PW Maint Supt
PW Maint.Supt.
PW Maint. Supt.
Maintenance Superintendent
PW Maintenance Superintendent
PW Maint. Supt.
PW MAINT.SUPT.
PW Maint. Supt.
PW Maint. Supt.
PW Maint. Supt.
PW Maint.Supt
PW Supt. Maint.
PW Maint. Supt.
PW maint.Supt.
PW Maint. Supt.
PW Maintenance Supt.

614 East 5th street Benicia CA. 94510	442633
614 East 5th Street Benicia CA. 94510	887191
614 East 5th Street, Benicia CA. 94510	953658
CY	207607
614 east 5th Street, Benicia CA. 94510	297403
614 East 5th Street Benicia CA 94510	796814
614 east 5th Street Benicia CA. 94510	508847
East 5th Street Benicia CA.	994504
City of Benicia	864960
Benicia, California	227384
Benicia, California	485798
City of Benicia	879732
614th East 5th Street Benicia Ca 94510	219404
Benicia, California	194199
Benicia, California	568618
Benicia, California	515667
CY	167158
Benicia, California	425452
CY	614364
CY	701555
CY	283348
Benicia, California	605629
Benicia, California USA	707760
CY	808350
CY	502204
CY	857555
CY	187567
CY	249536
1402 hrs.	848652
CY	981150
CY	287293
CY	602957
CY	447209
CY	986194
CY	559906
CY	330828
CY	945265
CY	989017
CY	649745
CY	587459
CY	898731
CY	960478
CY	241272
CY	335340
CY	195501
CY	235621
CY	290692
CY	716228
CY	738323
CY	440438
CY	735094
CY	167603
CY	918473
CY	140396
CY	695196

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

Category 3	10	10
Category 1	2550	2425
Category 3	42	42
Category 3	150	150
Category 3	20	20
Category 3	515	0
Category 3	9	9
Category 3	5	0
Category 3	500	500
Category 3	50	50
Category 3	40	40
Category 3	10	0
Category 3	500	500
Category 3	200	0
Category 3	50	50
Category 3	100	100
Category 1	1620	0
Category 3	200	200
Category 3	1	1
Category 1	15	0
Category 3	1	1
Category 3	50	50
Category 3	96	96
Category 3	105	105
Category 3	50	50
Category 3	110	110
Category 3	25	25
Category 3	50	50
Category 1	240	0
Category 3	50	50
Category 3	85	85
Category 3	38	38
Category 3	50	50
Category 3	125	125
Category 3	100	100
Category 3	25	25
Category 1	509	508
Category 3	2	2
Category 3	50	50
Category 1	130	30
Category 3	92	92
Category 3	15	15
Category 3	930	930
Category 3	50	50
Category 3	20	20
Category 3	50	50
Category 3	2	0
Category 3	55	55
Category 1	1000	75
Category 3	100	100
Category 3	50	50
Category 1	2250	0
Category 1	1500	0
Category 3	2	2
Category 3	50	50

0	No	No
125	Yes	Yes
0	No	No
0	No	Yes
0	No	Yes
0	No	No
0	No	No
0	No	Yes
0	No	No
0	No	Yes
0	No	Yes
0	No	No
0	No	No
0	No	Yes
0	No	No
0	No	No
1620	Yes	Yes
0	No	No
0	No	No
15	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
240	Yes	Yes
0	No	No
0	No	No
0	No	Yes
0	No	No
0	No	Yes
0	No	No
0	No	Yes
1	Yes	No
0	No	No
0	No	No
100	Yes	Yes
0	No	No
0	No	No
0	No	No
0	No	No
0	No	Yes
0	No	No
0	No	No
0	No	No
925	Yes	Yes
0	No	No
0	No	No
2250	Yes	Yes
1500	Yes	Yes
0	No	No
0	No	No

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

703 West 3rd St.
473 East Channel Rd.
365 Military East
Barn Pump Station
1209 Polk St.
King Solomon Church
772 West H St.
215 West H Street
272 East S Street
4186 Park Road
1112 East 6th St.
720 West I Street
52 Alta Loma
300 East H
1100 Bayshore Road
1100 Bayshore Road
4 Alto Loma
1100 Bayshore Road
1100 Bayshore
105 El Bonito Way
1100 Bayshore Road
311 East L St.
5251 Industrial Way
162 Ardmore Way
1100 Bayshore Road
181 East K Street
300 East H Street Unit 1
1205 West 5th St.
135 Warwick Drive
West 4 & West I 400 block
BI Lift Station
300 East H St #1
771 Military East
364 East o St.
1100 Bayshore Road
128 Woodgreen Wy.
201 East 5th Street
150 East L
K street City Park
345 Industrial Way
85 Vista Grande
486 Raymond Dr.
649 Industrial Way
717 West 2nd St.
505 Stone Rd.
457 East N St.
443 Hawthorne Ln
624 East K St.
Alley Between G and H
849 Jackson
142 Dartmouth
125 East Nst
Warwick Drive/Clearview
150 East L St.
1107 West 2nd St.

38.051763	-122.162623	Solano
38.06818	-122.13251	Solano
38.052138	-122.14943	Solano
38.0706435	-122.1605577	Solano
38.046136	-122.137894	Solano
38.063651	-122.175382	Solano
38.056989	-122.171975	Solano
38.051975	-122.160362	Solano
38.058144	-122.148492	Solano
38.07264	-122.1248	Solano
38.048218	-122.145441	Solano
38.056717	-122.170677	Solano
38.059717	122.164264	Solano
38.04832	122.15	Solano
38.043637	-122.137807	Solano
38.043637	-122.1378	Solano
38.06336	-122.15615	Solano
38.043637	-122.1378	Solano
38.043687	-122.1378	Solano
38.06008	-122.142205	Solano
38.0438668	-122.1378074	Solano
38.0448286	-122.1512974	Solano
38.0819022	-122.1113	Solano
38.068591	-122.15371	Solano
38.0438668	-122.1378074	Solano
38.0522855	-122.1545478	Solano
38.047062	-122.15356	Solano
38.058347	-122.163687	Solano
38.0642944	-122.1604307	Solano
38.055152	-122.165564	Solano
38.045953	-122.138867	Solano
38.0471689	-122.153642	Solano
38.048433	-122.140489	Solano
38.0537269	-122.14835	Solano
38.044314	-122.132986	Solano
38.066347	-122.160259	Solano
38.0430629	-122.152724	Solano
38.0530269	-122.1539174	Solano
38.0533379	-122.157616	Solano
38.07655	-122.13333	Solano
38.057087	-122.142573	Solano
38.0591409	-122.162074	Solano
38.0702477	-122.1300676	Solano
38.051181	-122.160734	Solano
38.0809266	-122.1230822	Solano
38.052244	-122.146731	Solano
38.081311	-122.167658	Solano
38.04779	-122.145328	Solano
38.04644	-122.149461	Solano
38.046948	-122.139818	Solano
38.067146	-122.157857	Solano
38.047841	-122.109471	Solano
38.059471	-122.125889	Solano
38.0532629	-122.1543991	Solano
38.054386	-122.158341	Solano

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Flat paved roadway

Pump Station Concrete Pad and Stormwater Catchment

Inside building and outside on premise walkway and landscape.
Basement of residence

In the parking lot behind apartment building on northeast corner of East 6th and K St. Paved Surface.

Unlanscaped dirt area behind residence

Root intrusion caused blockage in 8 sewer main. Spill overflowed in city landscape and entered into city street and storm
During a repair on the force sewer main a previous repair reoccured. Refer to #734492

Dirt, sidewalk and gutter area in front of residence.
Dirt equipment parking area in rear of property.
Discharged from MH 517 into curb and gutter along street. Estimated 105 gallons entered storm drain system.

Containment area was a paved service on the west side of apartment structure.
SSO from M/H 467 into street and curb. Estimated 240 gallons entered the storm drain system.
Spill was in a contained playground area.
Release occured in an industrial area approximately 300 feet from any occupied structure.
Spill drained over a paved concrete surface into a concrete gutter reaching a storm water collection inlet. This release oc
Spill released onto paved parking surface, in Maingate Town House Parking lot.
Flat unpaved surface around manhole draining to paved surface with concrete curb and gutter.

Spill was released onto a sidewalk, curb and gutter which flowed downhill into a storm drain. The area is an fully develope
NOTE 1.12 for other details.
Spill was in parking lot.

Crew observed the spill exiting from a manhole onto surface street, and possible cleanout from local business.
Spill occured on a residential street. Total spill was confined to the street and gutter area.
Residential area with paved streets and concrete curb, gutter and sidewalks.
Industrial business area.Release was confined to a paved parking lot in the rear of 649 Industrial Way.
Flat concrete surface. Rodding inlet box.
Commercial parking lot in the rear of 505 Stone rd.
The event took place in a residential neighborhood. An estimated 48 gallons of the 50 gallon total spill was confined to a r
Spill was inside the home.
Spill released from a rodding inlet in the backyard of the private residence 624 East K St. Total release settled in an impr
See attachment.

Sidewalk and planter area around cleanout which services City Gymnasium bathrooms.
Release settled in a long stretch of gutter in a residential area.

drain system. Surface water at stormdra

cured in a mobile home park, all areas a

ed residential area.

mixed surface consisting of asphalt, con

oved soft scape area.

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

Clean-outs.

Sewer R.I.

Spill discharged from a private cleanout onto private property .
Manhole located in the northwest corner of private property behind dwelling

City 8 sewer main located in dirt landscape area.

Sewer manhole structure
Overflow was caused by a blocked 6 city sewer main. Spill appearance point was a city sewer manhole. Blockage was cl

6 SDR-35 city sewer main was blocked with paper products causing a SSO at a city cleanout. Cleared paper blockage 9(
A city 8 clay sewer main was blocked causing an overflow at a sewer cleanout.
Sewer overflowed out of 4 lateral cleanout positioned directly over the top of 6 sewer main.
SSO occured at M/H in a 8 gravity sewer main. Heavy paper combined with a rock are the cause of the blockage. Overfl
Spill appeared in a contained playground area.

Release escaped from a lower lateral clean-out.
Spill was on an adjacent marsh, and localized around the rodding inlet.

release ocurred at a 4 public sewer clean-out on a public sidewalk. Final destination was in gutter area in front of the resi

Out of toilet in upper bathroom.

Storm Drain

See Attachment

Release escaped from a city lateral due to a blockage in the sanitary sewer main.

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

Spill was inside building and on premise's walkway/landscaped area

Spill was captured from the three downstream drainage basins.

non-improved portion of private property

Fluid appeared on asphalt surface. City crew collected the 50 gallons, and repaired section of damage pipe.

City stormdrain system that enters creek along West 7th St that flows to the bay.
Spill was recovered and place back into system. Refer to CIWQS # 734492

Spill was recovered and placed back into the system.

Spill was caused by a blocked 10 sewer main. Root blockage was cleared at 175 ft. and flow restored. All effects of over
105 gallons entered strom drain system. City crew flushed 1000 gallons of clean water from DI to DI in an effort to remov
SSO was contained, captured and returned to the collection system.

Estimated 240 Gallons entered the stormdrain system

Approximately 85 gallons of sewage released from system. 65 gallons entered the catch basin, and 20 gallons spilled on

20 of the total 25 gallons settled on a sidewalk and gutter. 5 gallons was estimated to have reached a storm drain catch b
Spill covered an unpaved surface aound the rodding inlet port and further developed a cylindrical puddle that was 15 ft a

City crew cleaned and returned 30 gallons of the spill to the sewer system. 100 gallons could not be capture after enterin

Release was contained to sidewalk, curb and gutter area in front of residence. Spill was captured and returned to the sani
Total release was confined to (2) low areas in a paved parking lot.
Release settled on a paved surface slightly downhill from release point.
10 gallons of total spill settled on parking lot paved surface, another estimated 10 gallons entered a storm drain surface g

In the home.

Spill migrated in open ditch and thruogh stormdrain network.

See Attachment

Release settled on sidewalk and adjacent planter area. The combination surface consists of concrete and soil.
Release was contained to an approximate 300' length area of a concrete gutter.

3/31/2008 11:40	3/31/2008 11:40	3/31/2008 11:50	3/31/2008 12:00
5/20/2008 8:01	5/20/2008 8:01	5/20/2008 8:11	5/20/2008 8:18
5/30/2008 13:00	5/30/2008 13:00	5/30/2008 13:10	5/30/2008 13:14
6/10/2008 20:00	6/10/2008 18:20	6/10/2008 18:40	6/10/2008 0:00
6/23/2008 8:47	6/23/2008 8:47	6/23/2008 9:00	6/23/2008 9:06
8/5/2008 15:30	8/5/2008 15:35	8/5/2008 15:40	8/5/2008 15:45
9/5/2008 9:30	9/5/2008 9:30	9/5/2008 9:40	9/5/2008 9:45
9/7/2008 12:45	9/7/2008 12:45	9/7/2008 13:00	9/7/2008 13:35
11/13/2008 7:22	11/13/2008 7:22	11/13/2008 7:22	11/13/2008 7:52
11/18/2008 1:55	11/18/2008 1:55	11/18/2008 2:15	11/18/2008 2:15
11/27/2008 13:10	11/27/2008 13:10	11/27/2008 13:20	11/27/2008 13:30
12/29/2008 16:50	12/29/2008 17:01	12/29/2008 17:30	12/29/2008 17:30
12/30/2008 11:45	12/30/2008 11:45	12/30/2008 12:00	12/30/2008 12:05
2/8/2009 13:45	2/8/2009 14:00	2/8/2009 14:45	2/8/2009 17:00
2/26/2009 12:40	2/26/2009 12:40	2/26/2009 12:40	2/26/2009 13:00
3/6/2009 13:45	3/6/2009 13:45	3/6/2009 13:48	3/6/2009 14:15
4/4/2009 9:32	4/4/2009 9:32	4/4/2009 9:32	4/4/2009 10:24
3/4/2009 11:36	3/4/2009 11:36	3/4/2009 11:45	3/4/2009 12:30
4/14/2009 9:20	4/14/2009 9:30	4/14/2009 9:30	4/14/2009 10:00
4/16/2009 12:00	4/16/2009 12:00	4/16/2009 12:00	4/16/2009 12:30
4/17/2009 9:40	4/17/2009 9:40	4/17/2009 9:55	4/17/2009 9:55
5/5/2009 18:58	5/5/2009 18:58	5/5/2009 18:30	5/5/2009 19:13
5/11/2009 10:26	5/11/2009 10:26	5/11/2009 10:47	5/11/2009 10:58
7/19/2009 9:45	7/19/2009 8:45	7/19/2009 9:45	7/19/2009 10:20
7/28/2009 7:29	7/28/2009 7:29	7/28/2009 7:45	7/28/2009 8:00
8/4/2009 13:56	8/4/2009 13:56	8/4/2009 14:05	8/4/2009 14:11
8/5/2009 10:41	8/5/2009 10:41	8/5/2009 11:00	8/5/2009 11:05
8/29/2009 9:33	8/29/2009 9:33	8/29/2009 9:45	8/29/2009 10:02
9/15/2009 7:27	9/15/2009 7:27	9/15/2009 7:37	9/15/2009 7:39
9/18/2009 10:00	9/18/2009 10:00	9/18/2009 10:05	9/18/2009 10:05
10/8/2009 15:28	10/8/2009 15:28	10/8/2009 15:28	10/8/2009 15:28
10/22/2009 7:20	10/22/2009 7:20	10/22/2009 7:25	10/22/2009 7:39
10/23/2009 9:53	10/23/2009 9:53	10/23/2009 10:05	10/23/2009 10:15
12/29/2009 12:50	12/29/2009 12:50	12/29/2009 13:05	12/29/2009 13:20
1/29/2010 15:00	1/29/2010 15:00	1/29/2010 15:05	1/29/2010 15:25
2/19/2010 12:50	2/19/2010 12:50	2/19/2010 12:55	2/19/2010 13:35
5/6/2010 9:00	5/6/2010 9:00	5/6/2010 9:10	5/6/2010 9:00
5/21/2010 15:25	5/21/2010 15:20	5/21/2010 15:25	5/21/2010 16:00
6/18/2010 7:45	6/18/2010 7:45	6/18/2010 7:50	6/18/2010 7:50
7/1/2010 16:15	7/1/2010 16:15	7/1/2010 16:30	7/1/2010 16:40
9/6/2010 18:40	9/6/2010 18:57	9/6/2010 19:15	9/6/2010 19:26
9/16/2010 9:25	9/16/2010 9:25	9/16/2010 9:35	9/16/2010 9:40
12/20/2010 13:00	12/20/2010 13:05	12/20/2010 13:15	12/20/2010 13:44
1/2/2011 14:10	1/2/2011 14:15	1/2/2011 14:45	1/2/2011 15:00
2/1/2011 14:40	2/1/2011 14:40	2/1/2011 14:40	2/1/2011 15:00
2/3/2011 9:30	2/3/2011 9:30	2/3/2011 10:10	2/3/2011 10:20
3/3/2011 9:00	3/3/2011 9:02	3/3/2011 9:15	3/3/2011 10:00
6/10/2011 14:55	6/10/2011 14:55	6/10/2011 15:05	6/10/2011 15:24
8/16/2011 13:30	8/16/2011 13:00	8/16/2011 13:15	8/16/2011 13:30
10/27/2011 10:15	10/27/2011 10:15	10/27/2011 10:30	10/27/2011 11:00
11/4/2011 13:30	11/4/2011 13:30	11/4/2011 13:35	11/4/2011 13:55
11/11/2011 15:59	11/11/2011 16:00	11/11/2011 0:00	11/11/2011 16:30
12/4/2011 8:30	12/4/2011 8:30	12/4/2011 8:45	12/4/2011 9:00
12/19/2011 10:30	12/19/2011 10:31	12/19/2011 10:45	12/19/2011 10:31
1/31/2012 15:00	1/31/2012 15:00	1/31/2012 15:10	1/31/2012 15:35

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

Root intrusion/Paper

Industrial rags and heavy paper

Heavy paper caused blocksge in main line.

Cause heavy paper and rags.
Heavy paper (rags, paper towels) and grease are both cited as cause to blockage.
Spill was caused by blockage in main due to root and paper. Spill was contanined, capture and return to sewer system.
Root intrusion in 6 S/S main created blockage of paper causing momentary flow interuption

Repair clamp installed on 2-26-09 failed before line could be isolated and taken out of service
City 8 sewer main blocked by roots
Reocurring repair item. Refer to CIWQS #734492

Forcemain appears to be a deteriorating line that the City is tracking with follow-up maintenance.
Rags, grease and root intrusion were all observed as cause for spill
Roots , grit and debris were all factors that caused the spill.
Roots and grease.
8 A.C. force main appears to be deteriorating. The city is tracking affected section of force main with follow-up maintena
Paper products caused a blockage in a city sewer main.
Paper products caused a blockage in a city sewer main.
Heavy paper build up behind Grease blockage
Heavy paper products combined with a rock.
City of Benicia Park Dept. was installing payground equipment, and accidently bored into a 6 sewer main.
Earlier data used for reporting this event was not accurate due to improper communications over the radio and phone. I a
FOG collection blockage in a 8 public sewer main caused a release at private lateral clean out.

FOG collection point was at an area observed to have root intrusion.
The forcemain appears to be faulty, resulting in 100 gallons of sewage released. Crews captured, cleaned and repaired p

(NOTE 1.12)

Unknown

A build up of heavy paper created blockage which resulted in release.
While clearing a blockage in 10 SS main the downhill manhole was overwhelmed causing the release.

Sewer line break in an alley that drained into a corroded storm drain pipe.

Water main break, lifted the asphalt pavement and sewer manhole ring spewing rock and gravel into manhole resulting ir

Release occured when city owned lateral became blocked with excessive paper and the servicing toilet was used. The us

Main

Other (specify below)
Main
Main
Main

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

Other (specify below)

Main

Main
Main
Main
Main
Main

Main
Lower Lateral
Main
Main
Main
Main
Lower Lateral
Main
Main
Main
Main
Lower Lateral
Main
Main
Main
Lower Lateral
Other (specify below)
Main
Lower Lateral
Main

Pump Motor Failure

Failure occurred inside pipe casing used to protect force main from railroad track loading (since abandoned and removed

8 asbestos cement structural failure/radial crack.

8 A.C. force main structural failure with radial and linear cracks.

NOTE 1.12 for other details.

Upstairs bathroom toilet.

Manhole

4
12
6 Clay

6 clay
8
6 Clay
6
8
8
6 Clay
6
6 Clay

) 8 AC
8
8 clay
8

8 AC
6 Clay
10 D.I.
6
8 A.C.
6
8 clay
6 AC
8
6 Clay
6 CI
8 Clay
6 clay
6 Clay
8
6 clay
4

6
8
clay
4 SDR-35
8 clay
6
10 Clay
10 Clay

6 clay

8
4
6 clay

50

40

60

60

35

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

According to city crew,SSO was out of the city side lateral. Caused appeared to be root blockage. Crew was able to recov

Cleared blockage returned captured sewage to collection system

City crew excated and repaired damage pipe. The city will turn over the rest of the job to a contractor.
The spill was due to ongoing repair and maitenance of the system. Crews were on site at the time of spill.
Cleared blockage, cleaned up spill/overflow at affected area.
Two-hour reporting was performed in compliance with Water Board requirements. This report is being submitted out-of-or

Effects of spill mitigated and contained with further on-going repairs scheduled.
The cause of this spill was due to a radial crack. The City Public Works Dept repaired the forcemain using full circle repai
Spill was caused while clearing a portion of 6' main which created an overflow at sidewalk cleanout in front of residence.

The cause of this sso was due to pipe structural failuer. Pubic Works Dept. replaced a section of the force main . This sev

A city 8 clay sewer main was blocked with paper products causing a SSO 275' upstream of m/h 010 at a sewer cleanout.
Releaved blockage, contained spill, wash down area to vacuum unit, and returned to collection system.

Repaired release failure point. Captured reachable liquids using vacuum equipment and returned to collection system.
See Attachments for technical diffculties.
See attach for difficulties entering this report.

Collection Crew visiually inspected the rodding inlet first and found no signs of blockage. Collection crew stage cleaning

Cleared blockage, captured spill using Vac-Con equipment, returned all liquids to the collection's system.
Restored flow, captured release using vacuum equipment, returned total release to the sanitary sewer system.
Blockage was cleared using hydro jet. Surface area release was washed down and captured using Vac-Con. Storm Drain

Resident stated she was taking a shower and notice water coming out of toilet. Called city, and city crew responded Crew

See attachments

See Attachment
City Crew arrived at site cleared root blockage and washed downed surface street. SSO was from MH to gutter into storm

Cleared blockage and cleaned entire gutter area by washing downstream to vacuum unit, returned to sanitary sewer syste

5/20/2008 10:00

2/8/2009 19:00

4/4/2009 12:45

4/16/2009 4:30

7/19/2009 13:00

9/15/2009 8:45

5/6/2010 10:50

7/1/2010 17:30

8/16/2011 16:30

11/11/2011 16:30
12/4/2011 9:45

Other (specify below)

Adjusted schedule/method of preventive maintenance

Added sewer to preventive maintenance program

Other (specify below)

Added sewer to preventive maintenance program

Added sewer to preventive maintenance program

Added sewer to preventive maintenance program

Adjusted schedule/method of preventive maintenance

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

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

Investigate if FOG source was either residential or buisnees and educate occupants on proper disposal.

Effects of spill mitigated and contained with further on-going repairs scheduled.

The spill covered an unpaved dirt surface around the rodding inlet that also extended onto an adjacent marsh. It is our as

Repair storm drain.

Repair Manhole Ring

Yes

No

Yes

No

No

No

Yes

Yes

Yes

Yes
Yes

No visual impacts were recognized

Collected stormdrain samples from upstream/downstream of spill locations and transported samples to the WWTP lab.

None notice during low tide.

Yes

No

No

No

No

No

No

No

Yes

No
No

NA

NA

Existing stormdrain system that flows along street to the bay. No beaches impacted.

NA

na

N/A

NA

NA

Sulfer Springs Creek

NA

Existing stormdrain system that flows along street to the bay at the Carquinez Strait.

Carquinez Strait
Carquinez Strait

na

N/A

Carquinez Strait

Carquinez Strait

N/A
N/A
N/A
Carquinez Strait
N/A
N/A
Caruuinez Strait
Carquinez Strait

none

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

Not applicable to this spill

Biological indicator(s) - specify below

No water quality samples taken

No water quality samples taken

Other chemical indicator(s) - specify below

Not applicable to this spill

Dissolved oxygen;Biological indicator(s) - specify below

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

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

Ammonia, pH, Total coliform

To determine if sewer overflow levels affected stormdrain system.

Did not enter waterway. No samples taken.

PH, Ammonia, Fecal Coliform,BOD. City will attach lab results when recieved.

Awaiting Lab results recieved on 7/6/10

Ammonnia 11.1, pH 6.87, DO 0.11mg/l See attachment

Water sample results: ph-7.47@12.9C; Fecal Coliform- 131.7MPM/100mL; D.O.- 9.57mg/l; Ammonia-0.2mg/l. Samples \
Samples were collected on 12/4/2011 at 11:58am. Results were not recieved until 12/6/2011 to the Maintenance Superint

Regional Water Quality Control Board

Not applicable to this spill

County Health Agency

None of the above

No water quality samples taken

None of the above

No water quality samples taken

None of the above

County Health Agency;Regional Water Quality Control Board

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

Upstream: pH=7.5; Fecal Coliform >2419.6; Dissolved Oxy. = 7.35mg/l; Ammonia .579mg/l Downstream: pH=7.4;Fecal

See Attachment
Sample results:pH=7.48;Fecal Coli=9208MPN/mLs;DO= 9.65mg/L;Ammonia=0.106mg/l

I Coliform >2419.6 Dissolved Oxy. 3.76;Ammonia= .579mg/l

82455	3/31/2008 13:25
83629	5/20/2008 9:25
83873	5/30/2008 13:42
84147	6/10/2008 22:00
84460	6/23/2008 9:40
85685	8/5/2008 16:56
86491	9/5/2008 10:40
86530	9/7/2008 14:30
88158	11/13/2008 8:19
88297	11/18/2008 14:55
88499	11/27/2008 13:45
89229	12/29/2008 18:18
89248	12/30/2008 12:35
91112	2/8/2009 16:22
91690	2/26/2009 14:15
92070	3/6/2009 13:33
92738	4/4/2009 11:14
919980	3/4/2009 13:29
92970	4/14/2009 10:15
93014	4/16/2009 12:38
93036	4/17/2009 10:34
93472	5/5/2009 19:25
93592	5/11/2009 11:55
95097	7/19/2009 11:12
95282	7/28/2009 7:51
95457	8/4/2009 14:30
95475	8/5/2009 11:26
95997	8/29/2009 10:40
96316	9/15/2009 8:21
96392	9/18/2009 11:20
96793	10/8/2009 16:50
97139	10/22/2009 8:21
97165	10/23/2009 10:38
98618	12/29/2009 14:08
100789	1/29/2010 15:33
101283	2/19/2010 12:50
102835	5/6/2010 10:33
103167	5/21/2010 15:58
103719	6/18/2010 8:52
104009	7/1/2010 16:22
105362	9/6/2010 20:20
105571	9/16/2010 10:30
107669	12/20/2010 14:06
110014	1/2/2011 15:30
110647	2/1/2011 15:44
110689	2/3/2011 10:40
111296	3/3/2011 10:28
113495	6/10/2011 16:00
114870	8/16/2011 15:00
116412	10/27/2011 11:35
116591	11/4/2011 14:30
116725	11/11/2011 17:45
117191	12/4/2011 10:25
117480	12/19/2011 11:35
120640	1/31/2012 16:10

2SSO10095	Active	778575	Nathaniel Rankin	Certified
2SSO10095	Active	780177	Nathaniel Rankin	Certified
2SSO10095	Active	784617	Nathaniel Rankijn	Certified
2SSO10095	Active	784778	Nathaniel Rankin	Certified
2SSO10095	Active	785514	Nathaniel Rankin	Certified
2SSO10095	Active	786824	Nathaniel Rankin	Certified
2SSO10095	Active	787087	Nathaniel Rankin	Certified
2SSO10095	Active	787109	Nathaniel Rankin	Certified
2SSO10095	Active	787672	Nathaniel Rankin	Certified
2SSO10095	Active	787803	Nathaniel Rankin	Certified
2SSO10095	Active	787827	Nathaniel Rankin	Certified
2SSO10095	Active	788301	Nathaniel Rankin	Certified
2SSO10095	Active	788789	Nathaniel Rankin	Certified
2SSO10095	Active	789456	Nathaniel Rankin	Certified
2SSO10095	Active	790230	Nathaniel Rankin	Certified
2SSO10095	Active	790697	Nathaniel Rankin	Certified
2SSO10095	Active	791660	Nathaniel Rankin	Certified
2SSO10095	Active	793065	Nathaniel Rankin	Certified
2SSO10095	Active	793276	Jeff Gregory	Certified
2SSO10095	Active	795719	Jeff Gregory	Certified
2SSO10095	Active	797238	Ntahaneil Rankin	Certified
2SSO10095	Active	797459		Submit Draft
2SSO10095	Active	797460		Submit Draft
2SSO10095	Active	797461		Submit Draft
2SSO10095	Active	798545		Submit Draft
2SSO10095	Active	798546	Nathaniel Rankin	Certified
2SSO10095	Active	799613	Nathaniel Rankin	Certified
2SSO10095	Active	800183	Nathaniel Rankin	Certified
2SSO10095	Active	800613	Nathaniel Rankin	Certified
2SSO10095	Active	800728	Nathaniel Rankin	Certified
2SSO10095	Active	801173		Submit Draft
2SSO10096	Active	656012	Undra Brown	Certified
2SSO10096	Active	656021	Undra Brown	Certified
2SSO10096	Active	656173	K loong	Certified
2SSO10096	Active	656222	loong	Certified
2SSO10096	Active	656242	Loong	Certified
2SSO10096	Active	656243	Kevin M. Lewis	Certified
2SSO10096	Active	656273	Loong	Certified
2SSO10096	Active	656279	Kenneth R. Woods	Certified
2SSO10096	Active	656319	Kevin M. Lewis	Certified
2SSO10096	Active	656372	Loong	Certified
2SSO10096	Active	656397	Kevin M. Lewis	Certified
2SSO10096	Active	656839	Kevin M. Lewis	Certified
2SSO10096	Active	656876	Kem Loong	Certified
2SSO10096	Active	657219	Loong	Certified
2SSO10096	Active	707994	Loong	Certified
2SSO10096	Active	707997	Kloong	Certified
2SSO10096	Active	708070	Loong	Certified
2SSO10096	Active	708075	Loong	Certified
2SSO10096	Active	708078	Kem Loong	Certified
2SSO10096	Active	708321	Kem loong	Certified
2SSO10096	Active	708324	K Loong	Certified
2SSO10096	Active	708383	k loong	Certified
2SSO10096	Active	708385	Loong	Certified
2SSO10096	Active	708488	Loong	Certified

PW Maint. Supt
PW Maint Supt
PW Maint. Supt.
PW Maintenance Superintedent
PW Maint. Supt.
PW Mait Supt
PW Maint. Supt.
PW Maint Supt
PW Maint. Supt
PW Maint. Supt.
PW Maintenance Superintendent
PW Maintenance Superintendent
PW Maint. Supt
PW Maint. Supertindent
PW Maint. Supt.
PW Maint. Supt.
PW Maintenance Supt.
PW Maint Supt
WWTP Superintendent
WWTP Superintendant
PW Maintenance Supt.

PW Maint Supt.
PW Maintenance Superintendent
PW Maintenance Superintendent
PW Maintenance Superintendent
PW Maintenance Superintendent

Senior PW Supervisor
Senior PW Supervisor
Super.
super
Superin
PW Supervisor
Super.
PW Supervisor
PW Supervisor
Super.
P.W. Supervisor
P.W. Supervisor
Super.
Super
Super.
Superin
Super.
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Superintendent
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super.
Super.
Super.

CY		171857
CY		376797
CY		894713
CY		742482
CY		610033
CY		276470
CY		888361
CY		942130
CY		609335
CY		312266
CY		484925
CY		929181
CY		911443
CY		899029
CY		786703
CY		493378
CY		869090
CY		347768
	1030	238392
	1140	443954
CY		555861

CY	236599
CY	213110
CY	377609
CY	791548
CY	875217
Berkeley, Ca	928733
Berkeley, Ca	661619
Berkeley	731214
berkeley	586478
Berkeley	889343
Berkeley, Ca.	565193
Berke	168854
Berkeley, Ca.	940155
Berkeley, Ca.	795214
Berkeley	173405
Berkeley, Ca.	519373
Berkeley, Ca.	975168
Berkeley	590654
Berkeley	867678
Berkeley	958057
Berkeley	349564
Berkeley	127777
Berkeley	888050
Berkeley	185739
Berkeley	526648
Berk	363452
berk	454797
Berkeley	700356
Berkeley	426089

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

Category 3		20	20
Category 3		5	5
Category 3		1	1
Category 3		50	50
Category 3		5	5
Category 3		85	85
Category 3		55	35
Category 3		4	4
Category 3		80	0
Category 3		40	40
Category 1		900	0
Category 3		930	930
Category 3		25	25
Category 1		375	0
Category 1		100	0
Category 3		30	30
Category 3		25	25
Category 3		75	75
Category 3		50	50
Category 3		60	60
Category 3		20	20
Category 3		20	0
Category 3		20	0
Category 3		20	0
Category 3		35	35
Category 3	0	35	35
Category 3	93	93	93
Category 3	55	55	55
Category 3	416	416	416
Category 3	119	119	119
Category 3	0	20	20
Category 3		10	7
Category 3		50	10
Category 3		10	0
Category 1		70	20
Category 1		30	0
Category 3		30	0
Category 1		70	0
Category 3		50	0
Category 1		300	0
Category 1		150	0
Category 1		20	0
Category 3		100	0
Category 3		75	0
Category 1		200	0
Category 1		2000	500
Category 1		150	5
Category 1		400	0
Category 1		500	50
Category 3		2	2
Category 3		5	5
Category 3		10	0
Category 3		5	5
Category 3		20	20
Category 1		100	0

0	No	No
0	No	No
0	No	No
0	No	Yes
0	No	No
0	No	No
0	No	No
0	No	No
0	No	No
0	No	No
900	Yes	Yes
0	No	No
0	No	No
375	Yes	Yes
1	No	No
0	No	No
0	No	No
0	No	No
0	No	No
0	No	Yes
0	No	Yes
0	No	No
0	No	No
0	No	No
0	No	No
0	No	No
0	No	No
0	No	No
0	No	No
0	No	No
0	No	Yes
0	No	No
0	No	No
0	No	No
50	No	Yes
30	No	No
0	No	No
70	No	Yes
0	No	No
300	Yes	Yes
150	Yes	No
20	Yes	No
0	No	No
0	No	No
180	No	Yes
1500	No	Yes
145	Yes	Yes
400	Yes	No
450	No	Yes
0	Yes	No
0	Yes	No
0	Yes	No
0	Yes	No
0	No	No
100	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
Yes
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
Not Applicable - Spill did not reach a separate storm drainpipe
No

445 West I
721 West 2nd St.
771 Military East
N Street and Ohara
600 East K St.
665 Industrial Wy.
1410 East 2nd St.
101 El Bonito Wy.
340 West K St
711 Jackson St
200 feet east of 1st and Military Intersection
3737 Park Road
624 East K St
Jack London City Park
East 6 and East G
717 West 2nd St
18 Del Centro
First Street Cafe
City of Benicia Wastewater Treatment Plant
4701 Park Road
East 6 and Kst
10 Del Centro
10 Del Centro
10 Del Centro
Oak Road
Oak Road
643 Sandy Way
241 Military East
3700 Park Rd
923 Palace Ct
600 Block of Jst & Kst
Ashby Ave
San Pablo Ave
Spaulding St
Keith Ave
Spruce st.
5th st.
Hopkins & Sutter
Woolsey St.
125 Panoramic way
125 Panoramic way
153 Panoramic way
1820, 1822 Arch st.
Benvenue
Hillegasss
731 Dwight way
1212 Queens rd.
Wildcat canyon
1931 Addison
1931 Addison st.
2219 Jefferson st
Vine St
1239 Monterey
1244 Monterey
3108,3110 King

38.05481	-122.164297	Solano
38.051366	-122.160594	Solano
38.0484409	-122.140486	Solano
38.049365	-122.158577	Solano
38.04806	-122.145771	Solano
38.069011	-122.1296659	Solano
38.054662	-122.151804	Solano
38.0598642	-122.1423582	Solano
38.055062	-122.16137	Solano
38.047102	-122.141867	Solano
38.0443658	-122.1623898	Solano
38.0683068	-122.1290615	Solano
38.04779	-122.145328	Solano
38.0782796	-122.1744742	Solano
38.0507659	-122.1442191	Solano
38.0510364	-122.1605583	Solano
38.059301	-122.142125	Solano
38.048126	-122.1597432	Solano
38.04572	-122.15048	Solano
38.0769768	-122.121638	Solano
38.060891	-122.165769	Solano
38.0590714	-122.1425569	Solano
38.0590714	-122.1425569	Solano
38.0590714	-122.1425569	Solano
38.048753	-122.13158	Solano
38.048753	-122.13158	Solano
38.0626042	-122.1636019	Solano
38.0532376	-122.1519545	Solano
38.0679068	-122.1290933	Solano
38.082855	-122.185944	Solano
38.056872	-122.1670809	Solano
37.855833	122.264167	Alameda
37.865833	122.290833	Alameda
37.869167	122.280833	Alameda
37.88829	-122.25806	Alameda
37.890278	-122.2675	Alameda
37.873611	122.300833	Alameda
37.883611	-122.2725	Alameda
37.852778	122.255833	Alameda
37.869167	122.2375	Alameda
37.869167	-122.2375	Alameda
37.868333	122.246869	Alameda
37.875608	122.264147	Alameda
37.8621	-122.25526	Alameda
37.86475	-122.256378	Alameda
37.859417	-122.297231	Alameda
37.88782	-122.25377	Alameda
37.90398	-122.2681	Alameda
37.868853	-122.286894	Alameda
37.868803	122.286894	Alameda
37.867758	122.278378	Alameda
37.880806	122.263617	Alameda
37.883689	122.273894	Alameda
37.883689	-122.273894	Alameda
37.851897	-122.274028	Alameda

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In the basement of 445
Residential asphalt driveway
In a parking lot behind Victorian Village

Mixed slope residential area.
Behind the commercial building in a large paved parking lot.
Lightly landscaped commercial property
Spill was discovered by a Public Works meter reader and called directly in to Supervisor. Release took place in the front y
Release occured under a single family dwelling in the crawl space.
Industrial Commercial. Mixed Grade. Paved Surface
Spill exit MH pick holes in a planter strip.
Spill exited a MH.
Residential backyard, flat
MH adjacent to stormdrain
Spill was out of a sewer MH adjacent to and about 20 feet from the WWTP wall.
Residential paved street, mixed slope.
Mixed slope residential
Sewage released from sidewalk lateral cleanout
Next to in-plnat manhole

Spill exit from clean out onto sidewalk
Spill exit from clean out onto sidewalk
Spill exit from clean out onto sidewalk
Shoulder of Road in unlanscaped area
Shoulder of Road in unlanscaped area
Open space undeveloped area between residential neighborhoods.

Release escaped an upstream manhole at 923 Palace Ct. Paved resedential area with concrete curb and gutter street bo

City clean-out
Sidewalk/gutter area from city clean-out.
Curb clean-out
Street Surface
curb clean out
Gutter

Curb clean out

Manhole

Man Hole

Curb/gutter
Clean out

yard of a residence.

1
1
1
1
1
1

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

Release was out of a rodding inlet.

Release ecaped from manhole on a flat paved intersection.

An old repair on the force main was discovered to have a leaking coupler. Water escaped into an approximate 2'x2' area spill backed out of an open ended wye connection attached to the under the house plumbing.

Backyard cleanout on 6 main

Cleanout-rodding inlet

Spill cuased from a failed gravity line next to an in-plant manhole within the Benicia WWTP grounds.

Clean out
Clean out
Clean out
Out of rodding inlet
Out of rodding inlet

N/A

Sewer released form manhole.
clean-out in parking strip
City clean-out
Clean-out

clean out
clean out

Clean out

Clean out

Clean out
Curb drain

Clean out
Clean out
clean out
City clean-out
Clean out
Clean out
Clean out

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

Failure occured in the main resulting in a release into the basement of residence.
Total release settled at the bottom of a shared asphalt driveway.

Release setlled around manhole within a paved intersection.

Spill escaped manhole on sloped surface, ran down hill and settled in a mixed dirt and rock area.
Contained in a grass area 2'x2'.
Spill was confined to the dirt area of a crawl space under the residence.
Sewer settled and spread over a large slightly sloped paved surface.
After further investigation and assesment of the visual inspection of the amount of the release, we find that the original ar

Total spill settled in pea gravel rocky area around cleanout.

Open Space
Total spill settled in a low area of a paved residential driveway.

The spill was found next to an in-plant manhole. The WWTP is fully contained, no wastewater left the site.
All wastewater was captured and returned to the sanitary sewer system.

Spill contained to area around manhole in open field. Spill rested in a strip of low area elongated next to gravity manhole.

Release settled in a elongated low area of large industrial parking lot.

Drain Inlet
gutter

Entered catch basin.
entered storm drain

gutter

Sidewalk
Catch basin on Woolsey / Calif.

3/10/2012 0:00	3/10/2012 12:10	3/10/2012 12:10	3/10/2012 12:10
4/17/2012 9:00	4/17/2012 9:00	4/17/2012 9:07	4/17/2012 0:12
8/2/2012 18:00	8/2/2012 18:00	8/2/2012 18:15	8/2/2012 18:15
8/7/2012 9:20	8/7/2012 9:25	8/7/2012 10:00	8/7/2012 9:25
8/23/2012 21:20	8/23/2012 21:22	8/23/2012 21:50	8/23/2012 21:55
10/1/2012 8:32	10/1/2012 8:45	10/1/2012 8:54	10/1/2012 9:15
10/9/2012 19:50	10/9/2012 20:19	10/9/2012 20:40	10/9/2012 20:45
10/10/2012 8:45	10/10/2012 8:45	10/10/2012 9:00	10/10/2012 10:15
10/29/2012 13:30	10/29/2012 14:00	10/29/2012 14:15	10/29/2012 14:30
11/1/2012 12:55	11/1/2012 13:15	11/1/2012 13:25	11/1/2012 13:35
11/2/2012 15:36	11/2/2012 15:40	11/2/2012 15:45	11/2/2012 18:40
11/21/2012 9:30	11/21/2012 9:30	11/21/2012 9:40	11/21/2012 9:50
12/5/2012 9:10	12/5/2012 9:15	12/5/2012 9:20	12/5/2012 9:35
12/27/2012 7:00	12/27/2012 7:00	12/27/2012 7:15	12/27/2012 7:15
1/14/2013 14:00	1/14/2013 14:15	1/14/2013 14:20	1/14/2013 14:00
1/23/2013 9:10	1/23/2013 9:10	1/23/2013 9:20	1/23/2013 9:25
2/14/2013 7:55	2/14/2013 8:02	2/14/2013 8:12	2/14/2013 8:20
3/29/2013 0:00	3/29/2013 15:15	3/29/2013 15:25	3/29/2013 15:25
4/3/2013 15:00	4/3/2013 15:00	4/3/2013 15:00	4/9/2013 12:00
6/18/2013 10:45	6/18/2013 10:50	6/18/2013 10:55	6/18/2013 11:05
7/25/2013 10:55	7/25/2013 10:55	7/25/2013 11:20	7/25/2013 12:00
8/1/2013 11:40	8/1/2013 11:50	8/1/2013 12:00	8/1/2013 11:50
8/1/2013 11:40	8/1/2013 11:50	8/1/2013 12:00	8/1/2013 11:50
8/1/2013 11:40	8/1/2013 11:50	8/1/2013 12:00	8/1/2013 11:50
9/5/2013 9:00	9/5/2013 9:05	9/5/2013 9:10	9/5/2013 9:30
9/5/2013 9:00	9/5/2013 9:05	9/5/2013 9:10	9/5/2013 9:30
10/9/2013 7:00	10/9/2013 9:10	10/9/2013 9:30	10/9/2013 9:50
10/24/2013 14:10	10/24/2013 14:40	10/24/2013 14:50	10/24/2013 15:05
11/6/2013 7:08	11/6/2013 7:40	11/6/2013 7:55	11/6/2013 7:55
11/14/2013 6:38	11/14/2013 6:40	11/14/2013 7:05	11/14/2013 7:10
11/26/2013 9:15	11/26/2013 9:30	11/26/2013 9:40	11/26/2013 9:39
5/7/2007 10:00	5/7/2007 10:15	5/7/2007 10:30	5/7/2007 10:45
6/14/2007 1:10	6/14/2007 1:15	6/14/2007 1:30	6/14/2007 1:50
5/7/2007 12:30	5/7/2007 1:00	5/7/2007 1:20	5/7/2007 2:00
6/26/2007 7:30	6/26/2007 7:35	6/26/2007 8:00	6/26/2007 9:00
6/28/2007 12:15	6/28/2007 12:35	6/28/2007 1:00	6/28/2007 3:00
7/2/2007 10:30	7/2/2007 10:45	7/2/2007 11:00	7/2/2007 12:00
7/26/2007 8:30	7/26/2007 8:45	7/26/2007 9:00	7/26/2007 11:00
7/27/2007 9:30	7/27/2007 9:35	7/27/2007 10:00	7/27/2007 11:00
8/24/2007 16:45	8/24/2007 17:00	8/24/2007 19:00	8/24/2007 20:00
8/24/2007 13:45	8/24/2007 14:00	8/24/2007 14:15	8/24/2007 15:10
8/21/2007 13:45	8/21/2007 14:00	8/21/2007 14:10	8/21/2007 14:40
9/4/2007 12:45	9/4/2007 13:00	9/4/2007 13:30	9/4/2007 14:30
9/3/2007 17:00	9/3/2007 17:40	9/3/2007 18:10	9/3/2007 18:40
9/10/2007 9:45	9/10/2007 10:00	9/10/2007 10:30	9/10/2007 12:30
11/12/2007 10:06	11/12/2007 9:45	11/12/2007 11:08	11/12/2007 12:38
9/24/2007 8:00	9/24/2007 8:30	9/24/2007 8:50	9/24/2007 13:00
10/1/2007 8:00	10/1/2007 8:15	10/1/2007 8:30	10/1/2007 9:30
9/26/2007 12:30	9/26/2007 13:00	9/26/2007 13:30	9/26/2007 14:30
9/26/2007 9:15	9/26/2007 9:30	9/26/2007 9:45	9/26/2007 10:45
9/21/2007 8:00	9/21/2007 8:15	9/21/2007 8:30	9/21/2007 10:30
10/3/2007 9:00	10/3/2007 9:40	10/3/2007 10:00	10/3/2007 10:45
10/5/2007 8:45	10/5/2007 9:00	10/5/2007 9:30	10/5/2007 10:00
10/5/2007 8:45	10/5/2007 9:15	10/5/2007 9:30	10/5/2007 10:00
10/11/2007 10:00	10/11/2007 10:45	10/11/2007 11:00	10/11/2007 12:00

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

Unknown
Release caused by root intrusion inside a sloped portion of 6 sewer main. CCTV investigation to follow to identify exact

Leaking coupler

Cause of spill is still under investigation pending closed circuit televising. Suspect structural deficiency created paper and

City staff installed a sample collection device within the manhole at the overflow location. This device was installed as pa
a screwdriver and rubber gloves were retrieved from main at downstream structure.

We think the spill may have been cause by the Dec 2 storm
Petruding roots caused a back up of paper.
root intrusion caused paper build up blockage in a low flow residential main sewer line.
Excessive paper
Gravity line failed.

Concrete in line.

Unknown at this time
Unknown at this time
Roots grew into main creating a lengthy paper and solids soft plug, creating a back up which escaped through a pick hole

Back up was caused by the release of a large amount of food grade grease from a known commercial depositor upstrear

Debris and paper build up

Lateral nit connected to main

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

Main
Other (specify below)

Main

Main

Lower Lateral
Lower Lateral
Main
Main
Main
Main

Lower Lateral
Lower Lateral

Failure occured in the main resulting in the overflow into the basement of resident.

Standby Person notice that only evidence of any relrease was paper trail on the ground, but area remained dry.

Failure occured in the MH.

Small in-plany gravity sewer main.

We believe blockage was approximatly 275 feet in main
We believe blockage was approximatly 275 feet in main

Lateral was not connected to main

	6	
	6	clay
	6	clay
	8	clay
	4	AC
	6	clay
	8	PVC
	12	
	6	clay
	6	clay
	6	
	6	
		clay
	15	Clay
No		
No	6	Clay
No	6	
No	10	clay
No	6	SDR 35
No	6	
	4	clay
	4	clay
	4	
	6	Clay
	4	clay
	4	PE
	6	Clay
	4	Clay
	4	CLAY

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

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

Currently investigating.
Cleared blockage, cleaned up total release by washing effected asphalt surface to vacuum equipment.
Cleaned and removed all paper all ground

Cleared blockage using hydro jet unit, cleaned and returned sewage to sanitary sewer system using vacuum/hydro equipr
Identified blockage at downstream manhole of appearance point. Cleared blockage using hydro equipment. Measured eff
Checked down stream manhole and noticed partial flow. Entered down stream manhole with hydro flusher unit clearing bl
Excavated 4'x'4' area removing all affected soil. Replaced old calder style couplings with high pressure Hi Max couplers.
Deterimed that running water reported by the resident at 330 West K St was a back up under the structure at 340 west k S
Responded to anonymous call of water around a manhole. Discovered blockage in main. Cleared blockage using jet equi
Crew arrived at site and conducted sewer relief activities; however, sewer report filed 1 hour later due to after hour event

cleared blockage. cleaned up spill using vacuum equipment, rakes, and shovels. deposited debris collected at waste wate
Mitigated a portion of the the spill by cleaning up around the manhole and washing down area.

Cleared blockage, cleaned up spill using vacuum-jet truck, scheduled cctv to determine exact point of blockage.
City crew cleared blockage and cleaned up impacted paved surface using a hydro-vacuum truck and deposited collection
Crew arrive on site, jetted lateral to relived blockage
On 4-3-13 (approximately 1500 hrs.) staff noted a small amount of wastewater (< 1 gallon) existing from an in-plant manh
City personnel spoke with the product availbilty Supv., who stated that he arrived at work at 9am on 6/18/13 and did not s
This is the second revision based on accurated data.

reconnected lateral to main

Hand rodded sewer clean out and lateral
Follow up jet flusxhing / Machine rodding

11/2/2012 19:30

12/27/2012 8:00

6/26/2007 9:15

7/26/2007 11:00

8/24/2007 20:00
8/24/2007 15:10
8/21/2007 14:40

9/10/2007 12:30
11/12/2007 12:38
9/24/2007 13:00
10/1/2007 9:30
9/26/2007 14:30
9/26/2007 10:45
9/21/2007 10:30
10/3/2007 10:45
10/5/2007 10:00

10/11/2007 12:00

Adjusted schedule/method of preventive maintenance

Adjusted schedule/method of preventive maintenance

Adjusted schedule/method of preventive maintenance;Repaired sewer

Repaired sewer

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

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

Other (specify below)

Will discuss with Supervisor when staff returns from holiday schedules

Follow up with jet flushing and rod machine sewer main
Follow up with jet flushing and rod machine sewer

Follow up with Jet flushing / Rod machine
Follow up with Jet flushing / Rod machine
hand rodded / cleared lateral
Handrodded and cleared lateral sewer
Follow up with hand rodding sewer lateral

Follow up Jet flushing sewer main / Rod machine

Yes

No

No

No

Yes
No
No

No
No
No
No
No
No
No
No
No

No

N/A

N/A
N/A
N/A

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No

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N/A
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NA

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n/a
NA
N/A
N/A
N/A

N/A

N/A
N/A

NA
Carquinez Strait
N/A

Carquinez Strait
N/A

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

storm drain
gutter

N/A

N/A
storm drain
N/A

N/A
n/a
strom drain
strom drain

NA
n/a
NA
N/A
N/A
N/A

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
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
No water quality samples taken

No water quality samples taken

None of the above

County Health Agency

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
None of the above
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

Length x width x depth x gallons per cu.ft.

Length x width x depth x gallons per cubic ft.

121375	3/10/2012 14:00
122274	4/17/2012 10:20
124520	8/3/2012 9:40
124600	8/7/2012 9:50
125030	8/23/2012 23:10
125905	10/1/2012 11:10
126091	10/9/2012 21:55
126102	10/10/2012 10:55
126542	10/30/2012 8:41
126611	11/1/2012 14:45
126647	11/2/2012 18:40
127050	11/21/2012 11:40
127428	12/5/2012 11:30
127933	12/27/2012 8:45
130292	1/14/2013 15:45
130470	1/23/2013 10:59
130972	2/14/2013 9:10
131912	3/29/2013 16:10
132136	4/9/2013 11:42
133701	6/18/2013 12:05
134577	7/25/2013 12:00
134742	8/1/2013 12:35
134742	8/1/2013 12:35
134742	8/1/2013 12:35
135596	9/6/2013 12:00

12564	11/12/2007 13:00

Nathaniel Rankin	7077464297
Drake Valentine Field Utilities & Street Supervisor	7077464796
Nathaniel Rankin, PW Maint. Supt.	7077464297
Drake Valentine, Field Utilities & Streets Supervisor	7077464796
Drake Valentine Field Utilities & Street Supervisor	7077464796
Nathaniel Rankin; PW Maintenance Superintendent	7077464297

2SSO10096	Active	708493	Kem Loong	Certified
2SSO10096	Active	708498	Kem Loong	Certified
2SSO10096	Active	710707		Submit Draft
2SSO10096	Active	710975	Loong	Certified
2SSO10096	Active	710977	Loong	Certified
2SSO10096	Active	711055	Loong	Certified
2SSO10096	Active	711056	Loong	Certified
2SSO10096	Active	711057	Kem loong	Certified
2SSO10096	Active	711400	Loong	Certified
2SSO10096	Active	711403	Loong	Certified
2SSO10096	Active	712495	Loong	Certified
2SSO10096	Active	713876	Kloong	Certified
2SSO10096	Active	713877	Loong	Certified
2SSO10096	Active	714809	Kem loong	Certified
2SSO10096	Active	714814	Loong	Certified
2SSO10096	Active	714818	Loong	Certified
2SSO10096	Active	714827	Kem loong	Certified
2SSO10096	Active	715463	Kem Loong	Certified
2SSO10096	Active	715466	Loong	Certified
2SSO10096	Active	715692	Loong	Certified
2SSO10096	Active	715693	Loong	Certified
2SSO10096	Active	715821	Loong	Certified
2SSO10096	Active	717057	Loong	Certified
2SSO10096	Active	718544	Loong	Certified
2SSO10096	Active	718553	Kem long	Certified
2SSO10096	Active	718564	Kem Loong	Certified
2SSO10096	Active	718566	Kem loong	Certified
2SSO10096	Active	718567	Kem Loong	Certified
2SSO10096	Active	719094	Loong	Certified
2SSO10096	Active	719520	Kem Loong	Certified
2SSO10096	Active	719991	Kem Loong	Certified
2SSO10096	Active	720096	KeM loong	Certified
2SSO10096	Active	720172	Kem loong	Certified
2SSO10096	Active	720175	Kem loong	Certified
2SSO10096	Active	720296	Loong	Certified
2SSO10096	Active	721525	loong	Certified
2SSO10096	Active	723047	Loong	Certified
2SSO10096	Active	724265	Kem loong	Certified
2SSO10096	Active	724875	Kem Loong	Certified
2SSO10096	Active	725104	Kem Loong	Certified
2SSO10096	Active	725465	Kem loong	Certified
2SSO10096	Active	726468	Kem loong	Certified
2SSO10096	Active	726678	Loong	Certified
2SSO10096	Active	726709	Kem loong	Certified
2SSO10096	Active	727202	Kem Loong	Certified
2SSO10096	Active	727684	Kem loong	Certified
2SSO10096	Active	727860	Loong	Certified
2SSO10096	Active	727866	loong	Certified
2SSO10096	Active	727936	Kem Loong	Certified
2SSO10096	Active	727996	Loong	Certified
2SSO10096	Active	728059	Kem loong	Certified
2SSO10096	Active	728109	Loong	Certified
2SSO10096	Active	728670	Loong	Certified
2SSO10096	Active	728731	Loong	Certified
2SSO10096	Active	728790	Kem Loong	Certified

Superintendent
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Berkeley
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Berkeley		395176
Berkeley		625811
Berkeley		338538
Berkeley		779632
Berkleley		660400
Berk		985314
Berkeley		144104
Berkeley		420585
Berkeley		652470
Berkeley		389685
Berkeley		280129
Berkeley		319230
Berkeley		506739
Berkeley		333285
berkeley		175160
Berkeley		595177
Berkeley		188786
Berkeley		937934
Berkeley		890396
Berkeley		744359
Berkeley		778100
Berkeley		639325
Berkeley		262314
Berkeley		419127
Berkeley		140678
Berkeley		883555
	6/2/2008	263702
Berkeley		625534
Berkeley		917831
Berkeley		114940
Berkeley		602359
Berkeley		124329
Berkeley		426085
Berkeley		926242
Berkeley		826614
Berkeley		211369
Berkeley		842094
Berkeley		313168
Berkeley		420875
Berkeley		149777
Berkeley		876988
Berkeley		382184
Berkeley		358015
Berkeley		795142
Berkeley		360448
Berkeley		414430
berkel		439900
Berkeley		268080
Berkeley		619422
Berkeley		664842
Berkeley		989935
Berkeley		821623
Berkeley		919870
Berkeley		745529

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

Category 3		5	5
Category 3		5	0
Category 1		36000	0
Category 3		70	70
Category 1		60	40
Category 1		100	0
Category 1		600	0
Category 1		80	60
Category 3		10	6
Category 1		30	20
Category 1		50	20
Category 1		50	0
Category 1		100	50
Category 3		5	4
Category 1		50	0
Category 1		100	0
Category 1		900	0
Category 1		50	0
Category 1		50	0
Category 1		30	0
Category 1		20	5
Category 1		100	0
Category 1		50	0
Category 1		10	4
Category 3		5	1
Category 3		50	0
Category 3		50	0
Category 3		10	0
Category 1		5	0
Category 3		1	0
Category 3		5	0
Category 3		20	0
Category 3		20	0
Category 3		25	25
Category 1		15	14
Category 1	0	5	0
Category 1		1000	500
Category 3		30	0
Category 3		50	0
Category 1	0	50	40
Category 3		50	0
Category 3		60	0
Category 1		60	0
Category 1		100	0
Category 3		5	0
Category 3		15	15
Category 3		1	0
Category 1		5	5
Category 3		50	15
Category 1		10	5
Category 3		20	5
Category 3		300	300
Category 1		10	7
Category 3		10	10
Category 3		5	0

0	No	No
	No	No
36000	No	Yes
0	No	Yes
20	No	Yes
100	Yes	Yes
600	No	Yes
20	Yes	No
0	No	No
10	Yes	Yes
30	No	Yes
50	Yes	Yes
50	No	Yes
0	No	No
50	Yes	Yes
100	Yes	Yes
500	Yes	Yes
50	Yes	Yes
50	No	Yes
30	No	Yes
15	Yes	Yes
100	Yes	No
50	Yes	No
6	No	Yes
0	No	No
0	No	No
0	No	No
0	No	No
5	Yes	No
0	No	No
0	No	No
0	No	No
0	No	No
0	No	No
1	No	Yes
5	Yes	No
500	No	Yes
0	No	No
0	No	No
10	Yes	No
0	No	No
0	No	No
60	Yes	No
100	Yes	Yes
0	No	No
0	No	No
0	No	No
5	No	No
0	No	No
5	Yes	No
0	No	No
0	No	Yes
3	No	Yes
0	No	No
0	No	No

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

1845 Berryman
8 West Parnassus ct.
3000 Claremont Berkeley, ca, usa
2325 Mckinley
Woolsey
Alcatraz ave
Capistrano
Hearst st.
Marin ave
Cedar
1011 Gilman st.
1011 Gilman
1635 Martin Luther King jr. way
McKinley st.
MARTIN LUTHER KING, WAY.
LINCOLN ST.
2311 Le Conte
BERKELEY
BERKELEY
BERKELEY
BERKELEY
BERKELEY
BERKELEY
Contra Costa
2224 JEFFERSON
BERKELEY
BERKELEY
BERKELEY
1737 Spruce St.
1812 Prince St.
BERKELEY
BERKELEY
BERKELEY
BERKELEY
1239 Martin Luther King jr. way
1232 Ashby Ave
BERKELEY
BERKELEY
BERKELEY
655 SAN LUIS RD.
37 Mosswood rd
BERKELEY
Berkeley
2000 Durant Ave
1620 visalia ave
1306 berkeley
1821 Acton st.
1306 Alcatraz ave.
1404 glendale ave
1470 addison st
1741 SPRUCE ST
2425 piedmont ave
Berkeley
1631alcatraz ave
1163 Euclid Ave

37.88345	-122.27451	Alameda
37.881497	122.253442	Alameda
37	122	Alameda
37.866433	-122.27375	Alameda
37.853056	-122.276372	Alameda
37.847386	-122.281322	Alameda
37.892639	-122.283103	Alameda
37.874422	122.263967	Alameda
37.889608	-122.273614	Alameda
37.879558	-122.259861	Alameda
37.880114	-122.297694	Alameda
37.88065	-122.29767	Alameda
37.877111	-122.273661	Alameda
37.866283	122.262886	Alameda
37.875956	-122.273642	Alameda
37.876558	-122.276972	Alameda
37.874794	122.263778	Alameda
37.870283	122.247703	Alameda
37.870283	-122.247703	Alameda
37.856806	-122.252169	Alameda
37.88662	-122.2536	Alameda
37.884741	-122.250308	Alameda
37.643889	122.093333	Alameda
37.867047	-122.278333	Alameda
37.867047	122.278333	Alameda
37.873167	122.271125	Alameda
37.86815	122.245442	Alameda
37.882386	122.2615	Alameda
37.876406	-122.265078	Alameda
37.852306	122.272194	Alameda
37.876964	122.260253	Alameda
37.890114	122.280472	Alameda
37.876647	122.260425	Alameda
37.849183	122.272681	Alameda
37.884325	-122.27395	Alameda
37.852208	-122.285061	Alameda
37.873792	-122.273072	Alameda
37.869017	122.282975	Alameda
37.895078	122.266892	Alameda
37.898194	-122.273978	Alameda
37.870456	122.247689	Alameda
37.872125	122.295844	Alameda
37.901036	-122.274597	Alameda
37.865003	122.268347	Alameda
37.898453	-122.285	Alameda
37.846944	-122.268175	Alameda
37.87205	-122.28421	Alameda
37.8471	-122.28089	Alameda
37.884553	-122.2954533	Alameda
37.869061	-122.282467	Alameda
37.876406	-122.265078	Alameda
37.86681	-122.25133	Alameda
37.868261	-122.287006	Alameda
37.84862	-122.2745	Alameda
37.887522	122.261553	Alameda

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CITY CLEAN OUT

City sewer clean out
CITY SEWER CLEAN OUT

It came out of the city c/o and into the gutter area
The spill was from the city clean out.

City sewer clean out
City cleanout

OUT OF MAN HOLE
City clean out

private clean out overflowed due to sewer main back up, and made it to Cerrito Creek.

city cleanout

City clean out

city c/o
The spill was from a 6 clean out of a backline easement.

1

1

Other sewer system structure
Manhole
Manhole
Other (specify)
Other (specify)
Other (specify)
Manhole
Other (specify)
Other (specify)
Other sewer system structure
Other (specify)
Gravity sewer
Other (specify)
Other (specify)
Other sewer system structure
Other sewer system structure
Gravity sewer
Other sewer system structure
Other sewer system structure
Other (specify)
Manhole
Manhole
Other sewer system structure
Gravity sewer
Gravity sewer
Other sewer system structure
Manhole
Other (specify)
Other (specify)
Gravity sewer
Other (specify)
Other sewer system structure
Other sewer system structure
Other (specify)
Other (specify)
Lateral Clean Out (Public)
Manhole
Other sewer system structure
Manhole
Manhole
Other (specify)
Other (specify)
Other (specify)
Other (specify)
Other (specify)
Other (specify)
Other (specify)
Other (specify)
Other (specify)
Other sewer system structure
Other (specify)
Manhole
Other (specify)
Other sewer system structure
Other (specify)

City clean out on M.L.K way

City clean out in parking strip
City clean out / parking strip
City clean out

City clean out
City Clean out
City clean out
City sewer clean out
City clean out
City clean out
CITY SEWER CLEAN OUT
CITY CLEAN OUT
CITY CLEAN CLEAN

CITY CLEAN OUT
CITY CLEAN OUT

CLEAN OUTS

CITY SEWER CLAEN OUT
CITY CLEAN OUT

CITY CLEAN OUT
The city clean out

CITY CLEAN OUT
CITY CLEAN OUT
CITY CLEAN OUT
CITY CLEAN OUT
City sewer clean out
The city cleanout at the curb.

CITY CLEAN OUT

City clean out
CITY CLEAN OUT
SEWER MAIN BLOCKAGE
city clean out
city cleanout
city cleanout
From the city clean out
city clean out
city clean out

city cleanout

city clean-out

6 cleanout of easement

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

IN FRONT OF PROPERTY 2325 McKinley ST.

CATCH BASIN
DIRT GUTTER

SOIL ON HILLSIDE

In the grass near the clean out.
PARKING STRIP AREA (SOIL)

Soaked back into the ground.

10/19/2007 8:45	10/19/2007 9:00	10/19/2007 9:15	10/19/2007 9:30
10/21/2007 12:30	10/21/2007 13:00	10/21/2007 13:30	10/21/2007 13:45
1/4/2008 9:00	1/4/2008 12:00	1/4/2008 10:20	1/4/2008 12:00
1/7/2008 12:30	1/7/2008 12:45	1/7/2008 13:00	1/7/2008 14:00
1/7/2008 8:15	1/7/2008 8:30	1/7/2008 9:00	1/7/2008 10:00
1/4/2008 9:45	1/4/2008 10:00	1/4/2008 10:30	1/4/2008 12:00
1/4/2008 10:30	1/4/2008 11:00	1/4/2008 11:30	1/4/2008 13:30
1/3/2008 8:30	1/3/2008 9:00	1/3/2008 9:30	1/3/2008 10:00
1/14/2008 10:30	1/14/2008 10:45	1/14/2008 11:00	1/14/2008 11:15
1/14/2008 8:00	1/14/2008 8:30	1/14/2008 9:00	1/14/2008 9:15
2/4/2008 12:30	2/4/2008 12:45	2/4/2008 13:00	2/4/2008 14:00
2/20/2008 8:30	2/20/2008 9:30	2/20/2008 9:40	2/20/2008 10:00
2/12/2008 8:00	2/12/2008 8:15	2/12/2008 8:30	2/12/2008 10:30
3/8/2008 12:00	3/8/2008 12:10	3/8/2008 12:15	3/8/2008 12:20
3/10/2008 7:45	3/10/2008 8:00	3/10/2008 8:15	3/10/2008 8:45
3/11/2008 12:45	3/11/2008 1:00	3/11/2008 1:30	3/11/2008 2:30
3/10/2008 7:00	3/10/2008 7:30	3/10/2008 8:00	3/10/2008 10:00
3/21/2008 7:45	3/21/2008 8:00	3/21/2008 8:15	3/21/2008 9:00
3/21/2008 7:45	3/21/2008 8:00	3/21/2008 8:15	3/21/2008 9:00
3/21/2008 10:00	3/21/2008 10:15	3/21/2008 10:30	3/21/2008 10:40
3/24/2008 9:00	3/24/2008 9:30	3/24/2008 9:45	3/24/2008 10:00
3/25/2008 9:20	3/25/2008 9:40	3/25/2008 10:00	3/25/2008 11:00
5/7/2008 11:00	5/7/2008 11:10	5/7/2008 11:20	5/7/2008 11:25
5/30/2008 9:45	5/30/2008 10:00	5/30/2008 10:10	5/30/2008 11:00
5/30/2008 11:10	5/30/2008 10:45	5/30/2008 11:30	5/30/2008 12:00
5/30/2008 17:30	5/30/2008 18:45	5/30/2008 19:00	5/30/2008 19:20
5/31/2008 18:22	5/31/2008 18:35	5/31/2008 19:40	5/31/2008 20:00
6/1/2008 10:00	6/1/2008 10:12	6/1/2008 11:00	6/1/2008 11:10
6/7/2008 13:19	6/7/2008 13:30	6/7/2008 14:15	6/7/2008 14:45
6/13/2008 9:00	6/13/2008 9:20	6/13/2008 9:45	6/13/2008 10:50
6/20/2008 10:15	6/20/2008 10:25	6/20/2008 10:45	6/20/2008 10:50
6/23/2008 10:20	6/23/2008 10:40	6/23/2008 10:50	6/23/2008 11:10
6/23/2008 13:30	6/23/2008 13:45	6/23/2008 14:00	6/23/2008 14:10
6/23/2008 15:00	6/23/2008 15:15	6/23/2008 15:25	6/23/2008 14:00
6/24/2008 13:15	6/24/2008 13:30	6/24/2008 13:40	6/24/2008 14:10
7/5/2008 16:30	7/5/2008 16:59	7/5/2008 17:15	7/5/2008 19:30
7/21/2008 13:00	7/21/2008 13:15	7/21/2008 13:30	7/21/2008 15:30
8/5/2008 9:45	8/5/2008 10:00	8/5/2008 10:15	8/5/2008 10:30
8/19/2008 9:30	8/19/2008 9:40	8/19/2008 9:55	8/19/2008 10:00
8/22/2008 11:00	8/22/2008 11:15	8/22/2008 11:30	8/22/2008 12:15
8/28/2008 9:20	8/28/2008 9:20	8/28/2008 9:40	8/28/2008 11:00
9/17/2008 10:40	9/17/2008 10:50	9/17/2008 11:15	9/17/2008 11:45
9/19/2008 8:45	9/19/2008 9:00	9/19/2008 9:15	9/19/2008 9:30
9/23/2008 0:03	9/23/2008 0:03	9/23/2008 0:40	9/23/2008 1:05
10/1/2008 8:42	10/1/2008 8:42	10/1/2008 9:42	10/1/2008 9:52
10/9/2008 11:15	10/9/2008 11:30	10/9/2008 11:26	10/9/2008 11:47
10/14/2008 10:10	10/14/2008 10:10	10/14/2008 10:15	10/14/2008 10:30
10/14/2008 11:00	10/14/2008 11:00	10/14/2008 11:05	10/14/2008 11:45
10/15/2008 10:45	10/15/2008 10:45	10/15/2008 11:00	10/15/2008 11:30
10/16/2008 12:50	10/16/2008 12:53	10/16/2008 12:58	10/16/2008 1:12
10/17/2008 10:10	10/17/2008 10:10	10/17/2008 10:15	10/17/2008 10:40
10/18/2008 12:30	10/18/2008 12:45	10/18/2008 13:15	10/18/2008 13:30
10/29/2008 9:45	10/29/2008 10:00	10/29/2008 10:10	10/29/2008 10:40
10/30/2008 9:30	10/30/2008 9:40	10/30/2008 9:40	10/30/2008 10:15
10/31/2008 12:45	10/31/2008 12:45	10/31/2008 12:55	10/31/2008 13:40

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

Debris

unknown
Unknown
Unknown
Unknown
unknown

UNKNOWN

ROOT IN THE SEWER PIPE
SLUDGE BUILD UP

Lower Lateral

Lower Lateral
Lower Lateral
Lower Lateral
Main

Lower Lateral
Lower Lateral
Lower Lateral
Main
Lower Lateral

Lower Lateral
Lower Lateral

Lower Lateral
Lower Lateral
Main
Main

Lower Lateral

Lower Lateral

Lower Lateral
Lower Lateral (Public)
Main

Main

Main

Lower Lateral
Lower Lateral

Lower Lateral

Main
Lower Lateral
Lower Lateral

4 CLAY

No

No

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

1/4/2008 12:00

1/7/2008 10:00
1/4/2008 12:00
1/4/2008 13:30
1/3/2008 10:00

1/14/2008 9:15
2/4/2008 14:00
2/20/2008 10:00

3/10/2008 8:45
3/11/2008 2:30
3/10/2008 10:00
3/21/2008 9:00
3/21/2008 9:00
3/21/2008 10:40
3/24/2008 10:00
3/25/2008 11:00
5/7/2008 11:25
5/30/2008 11:00

6/7/2008 14:45

6/24/2008 14:10
7/5/2008 19:30
7/21/2008 15:30

8/22/2008 12:15

9/19/2008 9:30
9/23/2008 1:08

10/16/2008 1:12

10/29/2008 10:40

Other (specify below)

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

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

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

Adjusted schedule/method of preventive maintenance

Added sewer to preventive maintenance program;Adjusted schedule/method of preventive maintenance;Plan rehabilitatic
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;Enforcement action against FOG source;Plan rehabilitation or replacen

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

Other (specify below)

Cleared

none
none
Follow up with machine rodding / jet flushing sewer main.
Follow up with jet flushing sewer main

Follow up with hand rodding
Follow up with sewer hand rodding
none

CCTV

Will be schedule for T.V inspection.

No

No
No
No
No

No
No
No

Yes
Yes
Yes
No
No
No
No
No
No
Yes

No

No
No
No

No

No
Yes

Yes

Yes

No

No
No
No
No

No
No
No

No
No
No
No
No
No
No
No
No
No

No

No
No No
Yes

No No

Yes
No

No

No

N/A

none

n/a
n/a
n/a
n/a
n/a
n/a
N/A
N/A

NA
NA
N/A
N/A
N/A
N/A
N/A
N/A
NA
N/A

NA

N/A

N/A

N/A

N/A
na

na

na

N/A

none

strom drain
n/a
n/a
n/a
storm drain
n/a
Storm Drain
N/A

strom drain
gutter
N/A
N/A
N/A
N/A
gutter
gutter
NA
N/A

gutter

N/A
na
N/A

N/A

CERRITO CREEK
strawberry creek

gutter

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
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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

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

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

None of the above

None of the above
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

None of the above

charts

Charts

84076	6/7/2008 16:15
84204	6/13/2008 11:40
84503	6/24/2008 14:30
84937	
85333	7/21/2008 16:30
86132	8/22/2008 12:40
86893	9/23/2008 1:34
87091	10/1/2008 9:45
87849	10/31/2008 13:45

Kem Loong	9816479
Kem Loong	5109816479

2SSO10096	Active	728980	Kem Loong	Certified
2SSO10096	Active	729084	Loong	Certified
2SSO10096	Active	729193	Loong	Certified
2SSO10096	Active	729412	Loong	Certified
2SSO10096	Active	729931	Kem loong	Certified
2SSO10096	Active	729933	Loong	Certified
2SSO10096	Active	729942	Loong	Certified
2SSO10096	Active	729944	Loong	Certified
2SSO10096	Active	729949	Loong	Certified
2SSO10096	Active	730028	Kem Loong	Certified
2SSO10096	Active	730256	kem Loong	Certified
2SSO10096	Active	730520	Loong	Certified
2SSO10096	Active	731311	Loong	Certified
2SSO10096	Active	731322	Loong	Certified
2SSO10096	Active	731343	Loong	Certified
2SSO10096	Active	731387	Kem Loong	Certified
2SSO10096	Active	731682	Loong	Certified
2SSO10096	Active	731702	K Loong	Certified
2SSO10096	Active	731986	Loong	Certified
2SSO10096	Active	732178	Loong	Certified
2SSO10096	Active	732253	Kem Loong	Certified
2SSO10096	Active	732332	loong	Certified
2SSO10096	Active	732565	Kem Loong	Certified
2SSO10096	Active	732837	Kem Loong	Certified
2SSO10096	Active	732851	Loong	Certified
2SSO10096	Active	733946	Loong	Certified
2SSO10096	Active	733985	Kem loong	Certified
2SSO10096	Active	734175	Loong	Certified
2SSO10096	Active	734415	Kem Loong	Certified
2SSO10096	Active	734419	Loong	Certified
2SSO10096	Active	734487	Loong	Certified
2SSO10096	Active	734534	Loong	Certified
2SSO10096	Active	735202	Loong	Certified
2SSO10096	Active	735211	Loong	Certified
2SSO10096	Active	735352	Loong	Certified
2SSO10096	Active	735361	Loong	Certified
2SSO10096	Active	735637	Kem Loong	Certified
2SSO10096	Active	735849	Kem Loong	Certified
2SSO10096	Active	735934	Kem loong	Certified
2SSO10096	Active	736350	Kem Loong	Certified
2SSO10096	Active	736527	Loong	Certified
2SSO10096	Active	736842	Kem Loong	Certified
2SSO10096	Active	737101	Kem Loong	Certified
2SSO10096	Active	737955	Loong	Certified
2SSO10096	Active	739161	Loong	Certified
2SSO10096	Active	739192	Loong	Certified
2SSO10096	Active	740495		Ready To Certify
2SSO10096	Active	741234	Loong	Certified
2SSO10096	Active	741999	Kem Loong	Certified
2SSO10096	Active	742827	Loong	Certified
2SSO10096	Active	742890	Kem Loong	Certified
2SSO10096	Active	745483	Loong	Certified
2SSO10096	Active	745622	Loong	Certified
2SSO10096	Active	745625	Loong	Certified
2SSO10096	Active	745628	Loong	Certified

Super.
Super.
Super
Super.
Supr.
Super.
Super.
Super.
Super.
sup.
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Superintendent
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Superintendent
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Superintendent
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Super.
Superintendent
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Super.
Super.

Berkeley	160928
Berkeley	101797
Berkeley	220866
Berkeley	424966
Berkeley	160023
Berkeley	641573
Berkeley	720722
Berkeley	233723
Berkeley	704771
Berkeley	252434
Berkeley	562324
Berkeley	211454
Berkeley	385927
Berkeley	555643
Berkeley	849727
Berkeley	624201
Berkeley	849040
Berkeley	709607
Berkeley	319734
Berkeley	903156
Berkeley	402332
Berkeley	264611
Berkeley	733582
Berkeley	109567
Berkley	294965
Berkeley	111889
Berkeley	651659
Berkeley	935804
Berkeley	633667
Berkeley	525801
Berkeley	797567
Berkeley	586419
Berkeley	219703
Berkeley	931470
Berkeley	129441
Berkeley	581739
Berkeley	312650
Berkeley	651863
Berkeley	656497
Berkeley	123484
Berkeley	603565
Berkeley	672927
Berkeley	700589
Berkeley	969337
Berkeley	531782
Berkeley	686724
Berkeley	954633
Berkeley	402744
Berkeley	586107
Berkeley	133924
Berkeley	386789
Berkeley	984461
Berkeley	376354
Berkeley	308399

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

Category 3		20	0
Category 1		150	0
Category 1		5	0
Category 1		15	0
Category 1		20	0
Category 1		5	4
Category 1		24400	0
Category 3		10	10
Category 1		5	0
Category 1		20	0
Category 3		3	0
Category 1		50	0
Category 3		50	50
Category 1		80	60
Category 1		20	0
Category 3		30	30
Category 1		5	5
Category 3		1	0
Category 3		30	0
Category 3		2	2
Category 1		20	18
Category 1		50	30
Category 3		20	18
Category 3		10	10
Category 1		900	20
Category 1		900	0
Category 1		300	250
Category 1		2	2
Category 3		5	5
Category 3		3	3
Category 3		5	5
Category 3		400	400
Category 3		10	10
Category 3		20	20
Category 1		5	5
Category 1		100	0
Category 1		6	5
Category 3		100	0
Category 3		25	25
Category 1		900	100
Category 1		50	49
Category 3		5	5
Category 1		100	0
Category 1		500	200
Category 1		150	50
Category 1		10	10
Category 3	1	1	1
Category 3		15	15
Category 3		125	0
Category 1		50	40
Category 3		10	10
Category 3		5	5
Category 1		750	25
Category 1		4500	0
Category 1		2250	0

0	No	No
150	No	Yes
5	No	No
15	No	Yes
20	Yes	No
1	No	Yes
24400	No	No
0	No	No
5	No	Yes
20	Yes	Yes
0	No	No
50	No	Yes
0	No	No
20	Yes	No
20	No	Yes
0	Yes	No
5	No	Yes
0	No	No
0	No	No
0	No	No
2	No	No
20	No	No
0	No	No
0	Yes	Yes
880	Yes	Yes
900	Yes	Yes
50	Yes	Yes
2	Yes	No
0	Yes	No
0	No	No
0	No	No
0	No	No
0	No	No
0	No	No
5	Yes	Yes
100	No	Yes
6	Yes	Yes
0	No	No
0	Yes	No
600	Yes	Yes
1	Yes	No
0	Yes	No
100	Yes	No
300	Yes	Yes
100	No	Yes
10	Yes	No
0	No	No
0	No	Yes
0	Yes	No
10	No	No
0	No	No
0	No	No
725	No	Yes
4500	Yes	Yes
2250	No	Yes

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

1841 addison st berkeley ca 94704
2000 Addison st
1269 hopkins
3011 telegraph ave
2639 Cedar st
2219 Jefferson ave
2311 Hearst Ave
1624 Woolsey St
2221 Vine St
2283 Hearst ave
2636 MLK Jr Way
3088 Claremont Ave
355 The Arlington
1307 ALCATRAZ AVE
1777 Leroy Ave
127 ALVARADO RD.
1919 4th st.
1309 haskell st
Berkeley
1435 addison st.
Berkeley California
2711 Virginia st
BERKELEY
1324 Addison st
1830 hopkins st
BERKELEY
BERKELEY
Berkeley
2230 Byron st
1523 Walnut st
2401 Virginia st
1016 Wildcat Canyon rd
1359 Hearst Ave
615 Arlington Ave
1326 Ashby AVE
2000 DURANT AVE.
2121Bonar St
1568 Campus Dr
1622 Woolsey St
E.B.M.U.D PUMP STATION
168 Panoramic way
2217 Blake St.
474 Boynton St
BERKELEY
1688 Tacoma st
1025 Gilman st
55 Roble Rd
1314 Alcatraz ave
1036 Wildcat Canyon rd
BERKELEY
BERKELEY
1246 Ashby ave
1815 Arch st
1430 La loma ave
3000 Ashby ave

37.871944	122.273314	Alameda
37.870989	-122.270464	Alameda
37.878	-122.28927	Alameda
37.8557	-122.25929	Alameda
37.8798	122.258261	Alameda
37.86738	-122.27792	Alameda
37.874808	-122.263386	Alameda
37.850708	-122.275097	Alameda
37.880803	-122.266167	Alameda
37.874744	122.264461	Alameda
37.860119	122.271758	Alameda
37.857733	-122.251833	Alameda
37.90312	-122.2777	Alameda
37.847758	-122.280892	Alameda
37.87661	-122.25825	Alameda
37.857261	122.238919	Alameda
37.868272	-122.29975	Alameda
37.853447	122.288994	Alameda
37.868847	122.300353	Alameda
37.869383	-122.282556	Alameda
37.888383	-122.281319	Alameda
37.878311	-122.256644	Alameda
37.851739	122.274039	Alameda
37.865761	122.283214	Alameda
37.885	122.275378	Alameda
37.884553	-122.254533	Alameda
37.884042	122.254078	Alameda
37.902878	-122.277683	Alameda
37.865372	122.290092	Alameda
37.879531	-122.267797	Alameda
37.877539	-122.262708	Alameda
37.89592	-122.254167	Alameda
37.871672	-122.285539	Alameda
37.899231	-122.276758	Alameda
37.852208	-122.285061	Alameda
37.866361	-122.270133	Alameda
37.868261	-122.287006	Alameda
37.881206	-122.250242	Alameda
37.850689	-122.275136	Alameda
37.851222	-122.239269	Alameda
37.86845	-122.24531	Alameda
37.863478	-122.264267	Alameda
37.901311	-122.275086	Alameda
37.857733	-122.254997	Alameda
37.892011	-122.28253	Alameda
37.880225	-122.297217	Alameda
37.852464	-122.236453	Alameda
37.847147	-122.280389	Alameda
37.871777	-122.274605	Alameda
37.875842	-122.303403	Alameda
37.870622	-122.291208	Alameda
37.852358	-122.284425	Alameda
37.875764	-122.264067	Alameda
37.882389	-122.258222	Alameda
37.857983	-122.245528	Alameda

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city lateral clean out ovreflow and into the gutter area. Cause by roots in sewer line city crew clean up area.

The manhole in the east bound lane was over flowing.
The city clean out overflowed in to the gutter area, and we were able to put all 10gals. back into the system.

The city cleanout spilled onto the sidewalk,and gutter area.

CITY C/O OVERFLOWED DUE TO BLOCKAGE IN MAIN SEWER LINE.

sewer over flow out of city clean out & onto unpaved surface

gutter, catchbasin, stormdrain

City clean out in front of residence

City's clean out at the curb in front of residence.

The spill was from the city clean out on the sidewalk in front of address.

From the MH in front of the the above address

The city clean out was overflowing.

The manhole was overflowing. Sewer just seeping out.
The city cleanout overflowed

The city cleanout at the curb overflowed.

1

Other (specify)
Manhole
Other (specify)
Other sewer system structure
Other sewer system structure
Other (specify)
Manhole
Other (specify)
Other (specify)
Other (specify)
Other (specify)
Other (specify)
Manhole
Other (specify)
Other (specify)
Other (specify)
Other sewer system structure
Other (specify)
Other (specify)
Other (specify)
Other (specify)
Manhole
Other (specify)
Other (specify)
Other (specify)
Other (specify)
Manhole
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Manhole
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Other (specify)
Other (specify)
Other (specify)
Manhole
Manhole
Other (specify)
Manhole
Manhole
Other (specify)
Other (specify)
Lower Lateral (Public)
Other (specify)
Manhole
Manhole
Building or structure;Force main or pressure sewer;Gravity sewer
Other (specify)
Manhole
Manhole
Manhole

cyty clean out

city cleanout

The spill was at the city clean out.
The spill was from the city clean out

city cleanout
City cleanout
city cleanout
city cleanout
City's cleanout

C/O
city cleanout
C/O OVERFLOWED
Sewer clean out
city clean out
city clean-out
city clean out
city clean-out

CITY CLEAN OUT
City clean out
city cleanout
CITY CLEAN OUT CAUSED BY SEWER MAIN BEING BLOCKED

city clean-out
City clean out
City clean out
At the clean out near the curb.

City cleanout

CITY CLEAN OUT
CITY CLEAN OUT
The city's clean out
The spill was coming from the clean out on the property because the main was blocked.
City clean out

Upper lateral clean out

City Cleanout
The spill exited the city clean out.

City cleanout

cleanout

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

Recovered 10 gallons back into the system.

VACUUMED WHOLE AREA. GROUND WAS ONLY LEFT WET FROM OVERFLOW.

DIVERTED INTO M/H

return to the sewer sistem
collected two gallon and returned it to the system

Part of the spill went into the catchbasin but was recovered with the combination truck.

All solids were recovered,and liquid was placed back into the system.

The spill was recovered from the gutter area and returned to the system.

Catchbasin

Strawberry creek

Back into the system

The spill was contained in a catch basin until it was vacuumed out.

The spilled was contained and captured using the combination truck to vacuume it up.

11/4/2008 12:30	11/4/2008 12:35	11/4/2008 12:45	11/4/2008 13:00
11/7/2008 8:30	11/7/2008 9:00	11/7/2008 9:30	11/7/2008 10:30
11/12/2008 3:20	11/12/2008 3:20	11/12/2008 3:26	11/12/2008 4:20
11/18/2008 8:00	11/18/2008 8:15	11/18/2008 8:00	11/18/2008 9:45
11/28/2008 7:44	11/28/2008 7:44	11/28/2008 8:30	11/28/2008 9:15
11/28/2008 8:37	11/28/2008 8:37	11/28/2008 9:30	11/28/2008 10:00
11/28/2008 21:34	11/28/2008 21:34	11/28/2008 22:00	11/29/2008 1:00
11/29/2008 14:09	11/29/2008 14:09	11/29/2008 14:20	11/29/2008 14:45
11/30/2008 13:29	11/30/2008 13:29	11/30/2008 14:00	11/30/2008 14:15
12/1/2008 9:00	12/1/2008 9:00	12/1/2008 9:15	12/1/2008 10:20
12/5/2008 11:00	12/5/2008 11:00	12/5/2008 11:05	12/5/2008 11:30
12/13/2008 16:34	12/13/2008 16:34	12/13/2008 16:45	12/13/2008 17:00
12/31/2008 15:00	12/31/2008 15:15	12/31/2008 15:30	12/31/2008 16:15
1/1/2009 7:45	1/1/2009 7:50	1/1/2009 8:30	1/1/2009 8:45
1/2/2009 10:40	1/2/2009 10:40	1/2/2009 11:00	1/2/2009 12:00
1/4/2009 13:45	1/4/2009 13:45	1/4/2009 14:10	1/4/2009 15:30
1/9/2009 15:00	1/9/2009 15:00	1/9/2009 15:00	1/9/2009 15:15
1/11/2009 12:30	1/11/2009 13:00	1/11/2009 13:15	1/11/2009 13:30
1/15/2009 13:45	1/15/2009 13:50	1/15/2009 14:10	1/15/2009 14:46
1/20/2009 11:30	1/20/2009 11:30	1/20/2009 11:40	1/20/2009 12:15
1/22/2009 10:15	1/22/2009 10:15	1/22/2009 10:30	1/22/2009 11:00
1/23/2009 11:45	1/23/2009 11:45	1/23/2009 12:00	1/23/2009 12:30
1/26/2009 11:10	1/26/2009 11:15	1/26/2009 11:30	1/26/2009 11:45
1/30/2009 10:00	1/30/2009 10:15	1/30/2009 10:30	1/30/2009 10:50
2/1/2009 10:20	2/1/2009 10:15	2/1/2009 10:28	2/1/2009 11:43
2/22/2009 16:45	2/22/2009 16:55	2/22/2009 17:00	2/22/2009 17:30
2/23/2009 9:30	2/23/2009 9:30	2/23/2009 9:40	2/23/2009 10:40
2/26/2009 10:40	2/26/2009 10:40	2/26/2009 11:00	2/26/2009 12:15
2/28/2009 11:09	2/28/2009 11:15	2/28/2009 11:30	2/28/2009 12:30
3/1/2009 17:59	3/1/2009 18:04	3/1/2009 18:45	3/1/2009 19:15
3/2/2009 18:15	3/2/2009 18:15	3/2/2009 18:30	3/2/2009 19:00
3/2/2009 11:00	3/2/2009 11:00	3/2/2009 11:30	3/2/2009 12:45
3/19/2009 8:00	3/19/2009 8:00	3/19/2009 8:20	3/19/2009 9:00
3/19/2009 9:00	3/19/2009 9:00	3/19/2009 9:15	3/19/2009 12:15
7/5/2008 16:30	7/5/2008 16:59	7/5/2008 17:15	7/5/2008 19:30
9/22/2008 23:00	9/22/2008 23:30	9/23/2008 0:03	9/23/2008 0:40
3/27/2009 11:27	3/27/2009 11:27	3/27/2009 11:45	3/27/2009 12:10
3/31/2009 21:28	3/31/2009 21:28	3/31/2009 22:15	3/31/2009 23:59
4/4/2009 0:00	4/4/2009 0:00	4/4/2009 0:00	4/4/2009 0:00
4/14/2009 13:50	4/14/2009 14:00	4/14/2009 14:00	4/14/2009 17:25
4/20/2009 8:56	4/20/2009 8:56	4/20/2009 9:10	4/20/2009 11:35
4/26/2009 13:21	4/26/2009 13:21	4/26/2009 13:47	4/26/2009 14:20
5/4/2009 8:30	5/4/2009 8:30	5/4/2009 9:30	5/4/2009 11:30
5/26/2009 10:35	5/26/2009 10:45	5/26/2009 11:00	5/26/2009 11:30
6/12/2009 9:20	6/12/2009 9:20	6/12/2009 9:35	6/12/2009 11:00
6/15/2009 7:00	6/15/2009 7:10	6/15/2009 7:25	6/15/2009 7:34
7/1/2009 11:30	7/1/2009 11:30	7/1/2009 12:00	7/1/2009 12:15
7/10/2009 11:30	7/10/2009 11:30	7/10/2009 11:45	7/10/2009 13:15
7/27/2009 10:15	7/27/2009 10:15	7/27/2009 10:20	7/27/2009 11:00
8/11/2009 13:30	8/11/2009 13:45	8/11/2009 14:00	8/11/2009 14:45
8/11/2009 16:35	8/11/2009 16:40	8/11/2009 16:55	8/11/2009 17:10
10/7/2009 12:00	10/7/2009 12:00	10/7/2009 12:20	10/7/2009 12:45
10/12/2009 9:45	10/12/2009 9:45	10/12/2009 10:50	10/12/2009 12:30
10/13/2009 13:30	10/13/2009 13:30	10/13/2009 13:45	10/13/2009 16:50
10/13/2009 13:30	10/13/2009 13:30	10/13/2009 13:40	10/13/2009 15:10

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

Clearing plug sewer lateral cause overflow out of manhole

Jet Flushing sewer main routine maint. cause sewer to overflow out of clean out

The spill was caused by too many sanitary napkins in the line.

The spill was caused by a posible offset in the lower lateral.

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

Main
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Main

Main
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Main

8 vcp

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No

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

We restored the flow, and turned it over to a follow up crew to complete the process on 12/14/2008

VACUUMED WHOLE LENTGH OF SPILL WITH VACTOR TRUCK.

jet flush main and unpluged, washed down gutter, vacuumed spii from catchbasin.

11/7/2008 10:30

11/18/2008 9:45
11/28/2008 9:15
11/28/2008 10:00
11/29/2008 1:00

11/30/2008 14:18
12/1/2008 10:20

12/13/2008 17:30

1/1/2009 9:45
1/2/2009 12:00
1/4/2009 15:30

1/30/2009 10:50
2/1/2009 11:43
2/22/2009 17:30
2/23/2009 10:40
2/26/2009 12:15
2/28/2009 12:30
3/1/2009 19:15

7/5/2008 19:30
9/23/2008 0:40
3/27/2009 12:10

4/4/2009 18:50
4/14/2009 17:25
4/20/2009 11:35
4/26/2009 14:20
5/4/2009 11:30
5/26/2009 11:30
6/12/2009 11:00
6/15/2009 8:00

7/10/2009 13:15
7/27/2009 11:00

10/12/2009 12:30
10/13/2009 16:50
10/13/2009 15:10

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

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

Added sewer to preventive maintenance program
Added sewer to preventive maintenance program

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

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

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

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

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

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

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

cctv needed.

Spoke to the bldg.mngr. about proper disposal of sanitary napkins.

Yes

No
Yes
Yes
Yes

Yes
Yes

Yes

No
Yes
No

No
Yes
No
No
Yes
Yes
Yes

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Yes

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storm drain
storm drain
N/A
n/a

n/a
creek
bay

na
na
strom drain
N/A
gutter
na
na
na

gutter
N/A
Strawberry Creek

na
UNKNOW
drain
na
Cerito Creek
strom drain
na
storm drain

na
na
N/A

na

storm drain
na

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

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
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

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
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

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

None of the above

County Health Agency
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

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
County Health Agency
None of the above
Not applicable to this spill
Not applicable to this spill
Not applicable to this spill
Not applicable to this spill

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

Not applicable to this spill
None of the above
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

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

Charts

88030	11/7/2008 10:30
8814	
88511	11/28/2008 10:30
88527	11/29/2008 1:30
88542	11/29/2008 15:20
88562	11/30/2008 14:35
88584	12/1/2008 13:20
88887	12/13/2008 19:45
89278	12/31/2008 16:00
90004	1/1/2009 10:30
90025	1/2/2009 13:15
90055	1/4/2009 16:00
90189	1/9/2009 0:00
90225	1/11/2009 14:10
90502	
90703	1/23/2009 12:10
90906	1/30/2009 13:30
90946	2/1/2009 12:11
91737	2/28/2009 13:19
91753	3/1/2009 19:55
91804	3/2/2009 20:30
91779	3/2/2009 13:00
92373	3/19/2009 11:17
	3/19/2009 13:20
92586	3/27/2009 13:25
92663	
92984	4/14/2009 16:50
93098	4/20/2009 10:38
93253	4/26/2009 15:45
93436	5/4/2009 13:15
94307	6/12/2009 11:00
94349	6/15/2009 8:45
94932	7/10/2009 13:50
95261	7/27/2009 13:10
95571	8/11/2009 11:50
96768	10/7/2009 14:05
96868	10/12/2009 16:50
96931	10/13/2009 20:00
96932	10/13/2009 20:00

Kem Loong 9816479

2SSO10096	Active	746723	Loong	Certified
2SSO10096	Active	747265	Loong	Certified
2SSO10096	Active	748493	Loong	Certified
2SSO10096	Active	748669	loong	Certified
2SSO10096	Active	751421	Loong	Certified
2SSO10096	Active	753266	Loong	Certified
2SSO10096	Active	753269	Loong	Certified
2SSO10096	Active	753334	Kem Loong	Certified
2SSO10096	Active	753663	Loong	Certified
2SSO10096	Active	753976	Loong	Certified
2SSO10096	Active	755090	Kem Loong	Certified
2SSO10096	Active	755323	Loong	Certified
2SSO10096	Active	755809	Loong	Certified
2SSO10096	Active	755969	Loong	Certified
2SSO10096	Active	758704	Loong	Certified
2SSO10096	Active	758706	Kem Loong	Certified
2SSO10096	Active	759606	Kloong	Certified
2SSO10096	Active	759813	Kloong	Certified
2SSO10096	Active	760183	loong	Certified
2SSO10096	Active	760366	Loong	Certified
2SSO10096	Active	761440	Loong	Certified
2SSO10096	Active	761620	kloong	Certified
2SSO10096	Active	761626	loong	Certified
2SSO10096	Active	763090	Kem Loong	Certified
2SSO10096	Active	763830	Loong	Certified
2SSO10096	Active	763844	Kem Loong	Certified
2SSO10096	Active	764062	loong	Certified
2SSO10096	Active	764726	loong	Certified
2SSO10096	Active	764762	loong	Certified
2SSO10096	Active	765373	loong	Certified
2SSO10096	Active	765573	Loong	Certified
2SSO10096	Active	765735	Loong	Certified
2SSO10096	Active	766340	loong	Certified
2SSO10096	Active	768813	Loong	Certified
2SSO10096	Active	768871	loong	Certified
2SSO10096	Active	772281	Loong	Certified
2SSO10096	Active	772290	loong	Certified
2SSO10096	Active	773197	loong	Certified
2SSO10096	Active	773385	Loong	Certified
2SSO10096	Active	775820	K.Loong	Certified
2SSO10096	Active	775823	Loong	Certified
2SSO10096	Active	776750	Kloong	Certified
2SSO10096	Active	778715	Kem Loong	Certified
2SSO10096	Active	778770	Kem Loong	Certified
2SSO10096	Active	780916	Loong	Certified
2SSO10096	Active	783854	K. Loong	Certified
2SSO10096	Active	786234	Loong	Certified
2SSO10096	Active	786325	K. Loong	Certified
2SSO10096	Active	787402	Loong	Certified
2SSO10096	Active	789050	K.Loong	Certified
2SSO10096	Active	789658	Kem Loong	Certified
2SSO10096	Active	789894	Kem Loong	Certified
2SSO10096	Active	790595	Kem Loong	Certified
2SSO10096	Active	791051	Loong	Certified
2SSO10096	Active	791994	Loong	Certified

Super.
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Berkeley	539573
Berkeley	296436
berkeley	436378
berkeley	855185
Berkeley	134525
Berkeley	549369
Berkeley	529890
Berkeley	310060
Berkeley	248277
Berkeley	645806
Berkeley	302676
Berkeley	640761
Berkeley	939391
Berkeley	700149
Berkeley	243065
Berkeley	124032
Berkeley	309749
Berkeley	848559
berkeley	983003
Berkeley	250421
Berkeley	592263
berkeley	720986
berkeley	577347
Berkeley	587837
Berkeley	654190
Berkeley	378773
berkeley	385664
Berkeley	125158
Berkeley	395768
berkeley	752935
Berkeley	597714
Berkeley	899076
berkeley	605001
Berkeley	487947
Berkeley	826692
Berkeley	642867
berkeley	662361
Berkeley	161463
Berkeley	821034
Berkeley	783509
Berkeley	492743
Berkeley	890935
Berkeley	380566
Berkeley	549632
Berkeley	574787
Berkeley	213871
Berkeley	813900
Berkeley	348365
Berkeley	186807
Berkeley	911489
Berkeley	955048
Berkeley	649661
Berkeley	931347
Berkeley	417924
Berkeley	778502

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

Category 3		50	50
Category 1		70	0
Category 1		500	0
Category 1		200	0
Category 3		1	1
Category 3		20	15
Category 1		100	60
Category 3		50	50
Category 1		5	1
Category 1		1000	0
Category 3		50	50
Category 3		15	0
Category 1		100	0
Category 3		10	8
Category 1		20	3
Category 3		40	40
Category 3		50	0
Category 3		50	50
Category 3		20	10
Category 3		3	3
Category 1		60	50
Category 3		50	50
Category 2		1000	0
Category 3		50	30
Category 3		6	2
Category 3		1	0
Category 3		15	10
Category 1		30	10
Category 1		50	0
Category 1		30	0
Category 3		4	0
Category 3		5	1
Category 1		9000	0
Category 3		10	5
Category 3		30	15
Category 3		100	50
Category 3		10	0
Category 3		100	50
Category 3		100	0
Category 3		20	0
Category 3		50	50
Category 3		100	20
Category 2		11125	4500
Category 1		14450	0
Category 3		500	450
Category 3		10	10
Category 1		30	29
Category 1		500	200
Category 1		300	150
Category 3		50	40
Category 3	0	300	0
Category 3	0	25	25
Category 3	0	100	100
Category 3		50	0
Category 3		300	0

0	No	Yes
70	No	Yes
500	Yes	Yes
200	No	Yes
0	No	No
0	No	No
40	No	Yes
0	No	Yes
4	Yes	No
1000	Yes	Yes
0	No	No
0	No	No
100	No	Yes
0	No	No
17	No	Yes
0	No	No
0	No	No
0	No	No
0	No	No
0	No	No
10	Yes	Yes
0	No	No
0	No	No
0	No	No
0	No	No
0	No	No
0	No	No
20	Yes	Yes
50	Yes	Yes
30	Yes	Yes
0	No	No
0	No	No
9000	Yes	Yes
0	No	No
0	No	No
0	No	Yes
0	No	No
0	No	Yes
0	No	Yes
0	No	No
0	No	No
0	No	No
0	No	Yes
14450	Yes	No
0	No	Yes
0	No	Yes
1	No	Yes
300	No	Yes
150	No	Yes
0	No	No
0	No	No
0	No	No
0	No	No
0	No	No
0	No	Yes

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

Berkeley
Berkeley
Berkeley
berkeley
1553 MLK Jr. Way
Berkeley
Berkeley
Berkeley
1745 Delaware st.
2211 Derby Street
Berkeley
Berkeley
1305 Campus Dr.
2550 shattuck ave.
1529 SHATTUCK
1364 CEDAR
116 Southampton
Berkeley
Cragmont / Rock Ln.
1510 Summit
Berkeley
Berkeley
oakland
Berkeley
1811 Acton St.
1243 M.L.K. Jr. Way
1346 MLK
1620 Hopkins
1479 Hopkins
449 Vassar ave
2455 Bowditch
1182 Euclid
Virginia st
2121 BONAR
1205 CAMPUS DR
140 Panoramic way (parking lot strip)
(backline) #7 W. Parnassis
22 THE UPLANDS
1332 Milvia st
140 panoramic
1234 kAINS street
701 Heinz
Berkeley
Berkeley
Berkeley
Berkeley
1538 M.L.K
Berkeley
Berkeley
m.l.k and center street
150 PANORAMIC WAY
2200 San Pablo Ave
berkeley
125 Panoramic
1712 euclid ave berkeley california 94702

37.879375	-122.259225	Alameda
37.859375	-122.288917	Alameda
37.854306	-122.248722	Alameda
37.877361	-122.282222	Alameda
37.879078	-122.273797	Alameda
37.885932	-122.255431	Alameda
37.869528	-122.250614	Alameda
37.88023	-122.29697	Alameda
37.874075	-122.276058	Alameda
37.860781	-122.263767	Alameda
37.865786	-122.251867	Alameda
37.878706	-122.272978	Alameda
37.88555	-122.25396	Alameda
37.86276	-122.26775	Alameda
37.8792	-122.2574	Alameda
37.87611	-122.28594	Alameda
37.89671	-122.27421	Alameda
37.850858	-122.288786	Alameda
37.89511	-122.26703	Alameda
37.88142	-122.24806	Alameda
37.860414	-122.250619	Alameda
37.865939	-122.259228	Alameda
37.851239	-122.239267	Alameda
37.869303	-122.298111	Alameda
37.872364	-122.284258	Alameda
37.883928	-122.274047	Alameda
37.88151	-122.27421	Alameda
37.88212	-122.28051	Alameda
37.88097	-122.28382	Alameda
37.903264	-122.271461	Alameda
37.86611	-122.25594	Alameda
37.8873	-122.26292	Alameda
37.873686	-122.291725	Alameda
37.86831	-122.28692	Alameda
37.88754	-122.25429	Alameda
37.868481	-122.246861	Alameda
37.881061	-122.254394	Alameda
37.854022	-122.247253	Alameda
37.882292	-122.272253	Alameda
37.86841	-122.24654	Alameda
37.88114	-122.29531	Alameda
37.852689	-122.295842	Alameda
37.90208	-122.2753	Alameda
37.90134	-122.27513	Alameda
37.86572	-122.25392	Alameda
37.90119	-122.27317	Alameda
37.87815	-122.27398	Alameda
37.87593	-122.25526	Alameda
37.87559	-122.26582	Alameda
37.87058	-122.27291	Alameda
37.86841	-122.24654	Alameda
37.86615	-122.291428	Alameda
37.85825	-122.25981	Alameda
37.86864	-122.24781	Alameda
37.87716	-122.26083	Alameda

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2

City clean-out over flow blockage cause by tree roots

Storm main

M/H in street

C/O IN YARD

c/o over flow on allston way

1
1
1

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

city clean-out

city clean-out
City clean out
sewer clean-out
sewer clean-out

City cleanout
Gravity Storm Sewer Main
sewer over flow from M/H #17-503-08

WYE, LAMPHOLE
C/O

Bypass pumping hose

C/O
city cleanout
City clean-out

City clean-out on Hearst st side
city cleanout
City cleanout
CLEANOUT
C/O

C/O
Box in parking strip.

C/O IN SIDEWALK

M/H overflowed

clean out overflowed at the curb.
C/O

The c/o on the Allston way side overflowed into the gutter area, but was recovered at the corner
city clean out
clean out overflow

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

The affected stormwater traveled through the City's storm system where it is eventually discharged to Bay.

inside a house

Dirt area in rear of property.
catch basin

inlet, box, crossculvert

catch basing

contained to a catch basin.

11/12/2009 10:45	11/12/2009 11:50	11/12/2009 11:00	11/12/2009 11:30
12/2/2009 8:10	12/2/2009 8:20	12/2/2009 8:30	12/2/2009 8:50
1/20/2010 10:30	1/20/2010 10:30	1/20/2010 10:45	1/20/2010 12:45
1/21/2010 9:45	1/21/2010 11:00	1/21/2010 10:00	1/21/2010 10:30
4/7/2010 12:15	4/7/2010 12:15	4/7/2010 13:00	4/7/2010 14:00
5/20/2010 11:45	5/20/2010 11:50	5/20/2010 12:00	5/20/2010 13:45
5/21/2010 8:00	5/21/2010 8:15	5/21/2010 8:30	5/21/2010 9:38
6/14/2010 15:10	6/14/2010 15:12	6/14/2010 15:30	6/14/2010 15:50
6/18/2010 14:30	6/18/2010 14:30	6/18/2010 14:40	6/18/2010 15:15
6/15/2010 10:00	6/15/2010 11:42	6/15/2010 10:00	6/15/2010 14:00
7/9/2010 15:00	7/9/2010 15:10	7/9/2010 15:20	7/9/2010 15:40
7/20/2010 9:30	7/20/2010 9:35	7/20/2010 9:45	7/20/2010 10:30
8/5/2010 9:35	8/5/2010 9:40	8/5/2010 10:00	8/5/2010 11:00
8/11/2010 10:20	8/11/2010 10:25	8/11/2010 10:35	8/11/2010 11:25
11/17/2010 11:45	11/17/2010 11:50	11/17/2010 11:55	11/17/2010 12:15
11/16/2010 11:15	11/16/2010 11:20	11/16/2010 11:30	11/16/2010 12:00
12/20/2010 9:55	12/20/2010 10:00	12/20/2010 10:20	12/20/2010 10:40
12/1/2010 11:00	12/1/2010 11:00	12/1/2010 11:00	12/1/2010 13:15
1/4/2011 8:35	1/4/2011 8:40	1/4/2011 9:00	1/4/2011 10:00
1/6/2011 11:55	1/6/2011 12:00	1/6/2011 12:30	1/6/2011 13:00
1/20/2011 9:25	1/20/2011 9:30	1/20/2011 9:45	1/20/2011 10:25
1/21/2011 10:00	1/21/2011 10:00	1/21/2011 10:00	1/21/2011 10:10
1/19/2011 10:00	1/19/2011 10:50	1/19/2011 11:15	1/19/2011 12:15
2/15/2011 12:30	2/15/2011 12:40	2/15/2011 13:00	2/15/2011 13:20
2/26/2011 15:35	2/26/2011 15:35	2/26/2011 15:30	2/26/2011 16:30
2/27/2011 14:00	2/27/2011 14:10	2/27/2011 15:10	2/27/2011 15:45
3/5/2011 12:15	3/5/2011 12:20	3/5/2011 13:00	3/5/2011 13:30
3/23/2011 13:40	3/23/2011 13:40	3/23/2011 13:50	3/23/2011 14:10
3/24/2011 12:00	3/24/2011 12:00	3/24/2011 12:00	3/24/2011 12:15
4/11/2011 10:40	4/11/2011 10:40	4/11/2011 10:45	4/11/2011 11:49
4/17/2011 12:35	4/17/2011 12:40	4/17/2011 13:00	4/17/2011 13:05
4/23/2011 13:45	4/23/2011 13:50	4/23/2011 14:00	4/23/2011 14:25
5/9/2011 22:00	5/9/2011 22:10	5/9/2011 23:00	5/10/2011 2:00
7/21/2011 0:00	7/21/2011 0:00	7/21/2011 0:00	7/21/2011 0:00
7/21/2011 15:55	7/21/2011 16:00	7/21/2011 17:30	7/22/2011 9:00
10/21/2011 11:00	10/21/2011 11:00	10/21/2011 11:15	10/21/2011 12:15
10/24/2011 0:00	10/24/2011 11:03	10/24/2011 11:10	10/24/2011 11:48
11/16/2011 10:00	11/16/2011 10:00	11/16/2011 10:15	11/16/2011 12:00
11/18/2011 14:00	11/18/2011 14:00	11/18/2011 14:10	11/18/2011 15:00
1/6/2012 16:00	1/6/2012 16:05	1/6/2012 16:30	1/6/2012 19:00
1/12/2012 0:00	1/12/2012 10:20	1/12/2012 10:30	1/12/2012 13:30
1/30/2012 8:45	1/30/2012 8:45	1/30/2012 9:00	1/30/2012 10:30
3/14/2012 9:00	3/14/2012 9:00	3/14/2012 9:30	3/14/2012 12:30
3/15/2012 13:00	3/15/2012 13:05	3/15/2012 13:15	3/15/2012 17:00
5/2/2012 8:45	5/2/2012 8:50	5/2/2012 9:00	5/2/2012 9:30
7/21/2012 9:30	7/21/2012 9:45	7/21/2012 10:00	7/21/2012 10:30
9/14/2012 10:45	9/14/2012 10:50	9/14/2012 11:00	9/14/2012 11:15
9/18/2012 0:00	9/18/2012 11:20	9/18/2012 11:30	9/18/2012 12:31
10/21/2012 9:35	10/21/2012 9:37	10/21/2012 10:03	10/21/2012 10:47
12/14/2012 12:30	12/14/2012 12:35	12/14/2012 12:45	12/14/2012 15:30
1/3/2013 18:00	1/3/2013 18:05	1/3/2013 18:15	1/3/2013 19:30
1/8/2013 10:00	1/8/2013 10:00	1/8/2013 10:42	1/8/2013 12:00
1/18/2013 10:15	1/18/2013 10:20	1/18/2013 10:30	1/18/2013 10:40
1/31/2013 15:50	1/31/2013 16:00	1/31/2013 16:15	1/31/2013 16:45
2/22/2013 17:59	2/22/2013 17:59	2/22/2013 18:13	2/22/2013 18:47

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

Tree roots

Bypass hose leaking

The cause was identified as a construction defect when a manhole was not sealed at pipe entry and exit points resulting i

Structual defect caused the blockage resulting in sewage leaking from cleanout.

The cause was identified as a construction defect when a manhole bottom was not installed at the time of rehabilitation, v

The cause was identified as a construction defect when a section of HDPE was not installed at time of rehabilitation.

POOR SEAL AROUND PIPE INSIDE M/H. PART OF FLOW FOLLOWING OUTSDE OF PIPE.

Rocks

Sag

4 foot length of 6 HDPE inserted in larger main. Unknown origin or source of inserted foreign pipe.
Multiple causes. Manhole was not sealed around pipe entry/exit. Root Intrusion. Manhole failed and brick from M/H bloc
Construction defect or no post-construction inspection. Rehabilitated 10 main was installed to discharge into an 8 main.

There is also very bad sag in lateral.

Lateral Pipe was broken causing rocks pipe to block pipe

unknown

Lower Lateral
Main
Main
Main
Lower Lateral
Main
Lower Lateral
Main
Lower Lateral
Main
Main
Main
Main
Lower Lateral
Main
Main
Main
Other (specify below)
Main
Main
Main
Lower Lateral
Other (specify below)
Lower Lateral
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Other (specify below)
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Other (specify below)
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Other (specify below)
Other (specify below)
Main
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Lower Lateral
Main
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Main
Main
Lower Lateral
Lower Lateral
Lower Lateral
Main

Bypass hose

manhole

Manhole

OUTER EDGE OF PIPE IN M/H.

manhole
Manhole

C/O

N/A

8 vcp

No
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);Restored flow
Cleaned-up (mitigated effects of spill)
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (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
Contained all or portion of spill;Inspected sewer using CCTV to determine cause;Restored flow
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
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
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
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
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);Restored flow
Cleaned-up (mitigated effects 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);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);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 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
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
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
Cleaned-up (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);Inspected sewer using CCTV to determine cause
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)
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);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);Contained all or portion of spill;Restored flow;Returned all or portion of spill to sani

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

When the City's contractor was working on repairing a sink hole on 6/15/10, they opened at storm main manhole and sme

11/12/2009 11:30
12/2/2009 8:50
1/20/2010 12:45
1/21/2010 10:30

5/21/2010 9:39
6/14/2010 15:50
6/18/2010 15:15
6/15/2010 14:00

8/5/2010 11:00

11/17/2010 13:30

1/20/2011 10:25
1/21/2011 13:45
1/19/2011 13:00

3/23/2011 14:55
3/24/2011 12:30
4/11/2011 15:49

5/10/2011 3:30

10/21/2011 12:15

11/16/2011 12:00
11/18/2011 15:00

3/14/2012 15:30
3/15/2012 17:00

9/18/2012 12:30
10/21/2012 10:47

2/22/2013 19:02

Added sewer to preventive maintenance program;Repaired sewer
Added sewer to preventive maintenance program;Enforcement action against FOG source;Other (specify below)
Added sewer to preventive maintenance program
Other (specify below)

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

Other (specify below)

Enforcement action against FOG source

Enforcement action against FOG source
Enforcement action against FOG source
Added sewer to preventive maintenance program

Added sewer to preventive maintenance program
Added sewer to preventive maintenance program
Added sewer to preventive maintenance program

Adjusted schedule/method of preventive maintenance

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

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

Repaired sewer
Other (specify below)

Other (specify below)
Other (specify below)

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

C.C.TV

After cctv schedule for dig & repair

Jet rod main. Schedule CCTV

removed roots inside the M/H and hand rodded the main.

Will CCTV Sewer line
plan rehabilitation the manhole

cctv

Yes
Yes
No
Yes

No
No
Yes
Yes

Yes

Yes

Yes
Yes
Yes

Yes
Yes
Yes

Yes

Yes

Yes
No

No
Yes

Yes
Yes

Yes

None

No
No
No
No

No
No
No
No

No

No

No
No
No

No
No
No

Yes

No

No
No

No
No

No
No

No

N/A
N/A
storm drain
N/A
na

NA
NA

N/A
NA

N/A
N/A
storm drain
N/A
na

no
gutter
San Francisco Bay
none

N/A
storm drain
NA
NA
n/a

N/A

catch basin
N/A
N/A
N/A
N/A
N/A
NA
SF Bay
Codornices Creek
creek

n/a
Virginia st outlet
N/A
N/A
N/A
N/A

n/a

GUTTER AND STREET AREA
NA
N/A
Cerrito creek
N/A
N/A
N/A
N/A
N/A
N/A

n/a
n/a

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

No water quality samples taken

Not applicable to this spill

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

No water quality samples taken

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
Not applicable to this spill

Not applicable to this spill

None of the above
County Health Agency
Not applicable to this spill
Not applicable to this spill

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

None of the above

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

No water quality samples taken

Not applicable to this spill

Not applicable to this spill
None of the above

None of the above
Not applicable to this spill

None of the above
Not applicable to this spill

Not applicable to this spill

${ssoDetails.resultsReportedExplanation}

${ssoDetails.resultsReportedExplanation}
${ssoDetails.resultsReportedExplanation}
${ssoDetails.resultsReportedExplanation}

${ssoDetails.resultsReportedExplanation}

${ssoDetails.resultsReportedExplanation}

${ssoDetails.resultsReportedExplanation}
${ssoDetails.resultsReportedExplanation}

102229		4/7/2010 14:00
	0	11/11/1111 00:00
103728		6/18/2010 15:00
103869		6/25/2010 11:42
	0	11/11/1111 00:00
		8/5/2010 11:30
		11/17/2010 13:30
111195		2/26/2011 17:00
111208		2/27/2011 14:10
	0	11/11/1111 00:00
112303		4/11/2011 14:15
112875		5/10/2011 2:45
4349		
116296		10/21/2011 13:30
116336		10/24/2011 12:35
116816		
116918		
120218		
120217		
120624		1/30/2012 14:00
121550		3/16/2012 13:20
125552		9/14/2012 1:30

kem loong	5109816479
Kem Loong	9816479
Kem Loong	9816479

2SSO10096	Active	792855	Kem Loong	Certified
2SSO10096	Active	793108	Kem Loong	Certified
2SSO10096	Active	793116	Loong	Certified
2SSO10096	Active	793622	Kem Loong	Certified
2SSO10096	Active	796620	loong	Certified
2SSO10096	Active	798394	Kem Loong	Certified
2SSO10096	Active	800037	Loong	Certified
2SSO10097	Active	710461	Randy Breault	Certified
2SSO10097	Active	713208	Randy L. Breault	Certified
2SSO10097	Active	731262	Randy Breault	Certified
2SSO10097	Active	735328	Randy Breault	Certified
2SSO10097	Active	747924	Randy Breault	Certified
2SSO10097	Active	748748	Randy Breault	Certified
2SSO10097	Active	748754	Randy Breault	Certified
2SSO10097	Active	748756	Randy Breault	Certified
2SSO10097	Active	753970	Randy Breault	Certified
2SSO10097	Active	756478	Randy Breault	Certified
2SSO10097	Active	763803	Randy Breault	Certified
2SSO10097	Active	768505	Randy Breault	Certified
2SSO10097	Active	781835	Randy Breault	Certified
2SSO10097	Active	790921	Randy Breault	Certified
2SSO10097	Active	792494	Randy Breault	Certified
2SSO10097	Active	795904	Randy L. Breault	Certified
2SSO10098	Active	734812	Steven J. Machida	Certified
2SSO10098	Active	737509	Steven J. Machida	Certified
2SSO10098	Active	765692	Steven J. Machida	Certified
2SSO10099	Active	651757	V. Falzon	Certified
2SSO10099	Active	651780	Phil Scott	Certified
2SSO10099	Active	651784	Phil Scott	Certified
2SSO10099	Active	651789	Phil Scott	Certified
2SSO10099	Active	651793	Jim Brown	Certified
2SSO10099	Active	651796	Phil Scott	Certified
2SSO10099	Active	651798	Phil Scott	Certified
2SSO10099	Active	651801	Phil Scott	Certified
2SSO10099	Active	651803	Vince Falzon	Certified
2SSO10099	Active	651806	Phil Scott	Certified
2SSO10099	Active	651808	Phil Scott	Certified
2SSO10099	Active	651809	Phil Scott	Certified
2SSO10099	Active	651810	Phil Scott	Certified
2SSO10099	Active	651812	Phil Scott	Certified
2SSO10099	Active	651815	Vincent Falzon	Certified
2SSO10099	Active	654141	Vincent Falzon	Certified
2SSO10099	Active	654142	Vincent Falzon	Certified
2SSO10099	Active	654143	Vincent Falzon	Certified
2SSO10099	Active	654145	Vincent Falzon	Certified
2SSO10099	Active	654146	Vincent Falzon	Certified
2SSO10099	Active	654147	Vincent Falzon	Certified
2SSO10099	Active	654148	Vincent Falzon	Certified
2SSO10099	Active	654149	Vincent Falzon	Certified
2SSO10099	Active	654150	Vincent Falzon	Certified
2SSO10099	Active	654151	Vincent Falzon	Certified
2SSO10099	Active	654152	Vincent Falzon	Certified
2SSO10099	Active	654153	Vincent Falzon	Certified
2SSO10099	Active	654154	Vincent Falzon	Certified
2SSO10099	Active	654155	Vincent Falzon	Certified

Superintendent
Superintendent
Superintendent
Superintendent
Superintendent
Superintendent
Superintendent
Public Works Director
Director of Public Works
Director of Public Works/City Engineer
Director of Public Works
Director of Public Works
Director of Public Works
Director of Public Works
Director of Public Works
Public Works Director
Public Works Director
Director of Public Works
Director of Public Works
Director of Public Works
Director of Public Works/City Engineer
Director of Public Works/City Engineer
Director of Public Works/City Engineer
Associate/Division Manager
Associate/division Manager
Associate/Division Manager
Asst. Supert.
PW Supt
PW Supt
PW Supt
Supervisor
PW Supt
PW Supt
PW Supt
Asst. Superintendent
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Asst. Supt.
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Asst. Superintendent
Asst. Superintendent

Berkeley		173482
Berkeley		232653
Berkeley		205252
Berkeley		207734
Berkeley		972173
Berkeley		826705
Berkeley		103074
City of Brisbane		350347
City of Brisbane		612352
	10:25 AM	809921
	9:22	499862
City of Brisbane		535172
	17:54	171870
	17:53	562511
	17:53	834495
	16:11	942401
	9:22 AM	861189
	857	394991
	1600	191860
	945	508878
	1530	767016
	1235	928443
	830	650536
Cupertino, CA		482751
Cupertino, CA		653902
Cupertino, CA		642032
Burlingame		766439
	11:10	227945
	11:06	665229
Burlingame		928881
City of Burlingame		663283
Burlingame		833630
Burlingame		883544
Burlingame		703216
Burlingame		309874
Burlingame		198292
Burlingame		374840
Burlingame		445630
Burlingame		893307
Burlingame		803067
	6/15/2007	936130
City of Burlingame		901540
City of Burlingame		172911
City of Burlingame		264054
City of Burlingame		414968
City of Burlingame		945508
City of Burlingame		262882
City of Burlingame		779061
City of Burlingame		753100
City of Burlingame		713567
City of Burlingame		663091
City of Burlingame		790111
City of Burlingame		603328
City of Burlingame		142761
City of Burlingame		933225

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

Category 1	0	400	300
Category 3	6	6	0
Category 1		100	40
Category 3	5	5	5
Category 1		60	30
Category 3	5	5	4
Category 3	0	30	30
Category 1		100	90
Category 3		200	
Category 3		50	50
Category 3		50	0
Category 3		15	15
Category 3		940	0
Category 3		50	0
Category 3		50	0
Category 3		50	10
Category 3		75	20
Category 1		216	50
Category 3		30	0
Category 3		375	375
Category 3		10	10
Category 1		55	35
Category 3		750	750
Category 3		10	0
Category 3		40	40
Category 3		20	0
Category 3		30	0
Category 3		5	5
Category 3		10	10
Category 3		1	0
Category 3		2	2
Category 3		5	5
Category 3		1	1
Category 3		10	9
Category 3		10	9
Category 3		5	5
Category 3		20	20
Category 3		3	3
Category 3		20	20
Category 3		2	2
Category 3		15	15
Category 3		25	25
Category 3		8	8
Category 3		6	6
Category 3		5	5
Category 3		1	0
Category 3		8	8
Category 3		10	10
Category 3		10	10
Category 3		20	20
Category 3		2	2
Category 3		1	1
Category 3		1	1
Category 3		20	20
Category 3		3	3

100	Yes	No
0	No	No
60	Yes	Yes
0	No	No
30	No	Yes
0	No	No
0	No	Yes
10	No	Yes
	No	No
0	No	Yes
0	No	No
0	No	No
0	No	No
0	No	No
0	No	Yes
0	No	Yes
0	No	Yes
166	No	Yes
0	No	No
0	No	No
0	No	No
20	Yes	Yes
0	No	No
0	No	No
0	No	No
0	No	No
	No	No
	No	No
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0	No	No
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	No	No

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

2315 Durant
Berkeley
2419 prospect st. berkeley ca,
berkeley
755 euclid st berkeley ca.
1504 Martin Luther King Jr. Way Berkeley, CA
449 Vassar st
116 Santa Clara St
Trinity Road - Backyard Sewer Main
Sierra Point Road
152 Trinity Road
Sierra Point Parkway near 101 overpass
288 Humboldt - Trinity Sewer
288 Humboldt - Trinity Sewer
110 Solano
123 South Hill
3868 Bayshore Boulevard
Sierra Point Road and Klamath Street
Public easement behind 62 Mono Street
Humboldt Road and Placer Way
Sanitary Manhole near 123 Sierra Point Road
100 Old County Road
Sierra Point Lift Station Transmission Main
115 Boston Avenue
West San Carlos Avenue
124 Brooklyn Ave
1473 Drake Ave.
722 Acacia Drive
5 Humboldt Ave.
1277 El Camino Real
516 Howard Ave.
1319 Palm Drive
132 Dwight Road
1100 Mills Ave.
723 Laurel Ave.
113 Loma Vista Dr.
104 Occidental Ave
1435 Cortez Ave.
990 Burlingame Ave.
209 Bloomfeild Road
1720 Marco Polo Way
40 Broderick
1100 Mills Ave.
808 Bayswater Ave.
705 Winchester Drive
2112 Trousdale Drive
2832 Hillside Drive
1820 Capistrano
129 Anita Road
860 Stanton Road
516 Burlingame Ave.
905 Rose Ct.
6 Lorton Ave.
1200 Grove Ave.
7 Davis Ct.

37.86737	-122.26277	Alameda
37.86826	-122.24636	Alameda
37.86704	-122.24947	Alameda
37.86826	-122.24636	Alameda
37.90164	-122.2678	Alameda
37.87934	-122.2742	Alameda
37.903222	-122.27145	Alameda
37.682726	-122.399042	San Mateo
37.682511	-122.407677	San Mateo
37.678027	-122.398445	San Mateo
37.682568	-122.40763	San Mateo
37.673801	-122.38894	San Mateo
37.68296	-122.40711	San Mateo
37.68296	-122.40711	San Mateo
37.68346	-122.40543	San Mateo
37.68879362	-122.4165063	San Mateo
37.677525	-122.393078	San Mateo
37.6824	-122.40634	San Mateo
37.681451	-122.405344	San Mateo
37.679761	-122.404981	San Mateo
37.683386	-122.406428	San Mateo
37.685169	-122.400481	San Mateo
37.673889	-122.389039	San Mateo
37.325671	-121.927983	Santa Clara
37.323611	-121.93	Santa Clara
37.32569	-121.92855	Santa Clara
37.585833	122.376667	San Mateo
37.580556	122.355278	San Mateo
37.582778	122.330833	San Mateo
37.585556	122.368889	San Mateo
37.582222	-122.488333	San Mateo
37.580833	122.356944	San Mateo
37.582778	122.336944	San Mateo
37.590556	122.371111	San Mateo
37.584167	122.348889	San Mateo
37.571667	122.395556	San Mateo
37.570833	122.349444	San Mateo
37.586389	122.349444	San Mateo
37.580833	122.343333	San Mateo
37.581667	122.339444	San Mateo
37.589722	122.383333	San Mateo
37.597778	122.381111	San Mateo
37.589722	122.366944	San Mateo
37.578889	122.339722	San Mateo
37.584722	122.347778	San Mateo
37.590278	122.388333	San Mateo
37.583056	122.3975	San Mateo
37.583056	122.3975	San Mateo
37.58	122.340833	San Mateo
37.539167	122.357222	San Mateo
37.562778	122.340278	San Mateo
37.586389	122.354444	San Mateo
37.575556	122.341944	San Mateo
37.588889	122.369167	San Mateo
37.586667	122.385556	San Mateo

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Cleanout in street between 90 and 116 Santa Clara St.

Manhole cover 75' east of 850 Sierra Point Road
From cleanout in backyard of 152 Trinity.
Spill leaked through pavement in westbound lane of Sierra Point Parkway near the 101 overpass, directly outside the gate

Manhole in grassy area adjacent to and just west of driveway entrance at 123 South Hill
Manhole along shoulder of Bayshore Boulevard

Customer clean out along side of residence at 62 Mono Street
Manhole at intersection of Humboldt Road and Placer Way
Overflow at Sanitary Manhole in center of street and slowly flowed towards gutter where it was contained and recovered.

Property Line cleanout
Property line cleanout in dirt area

gutter area in front of 5 Humboldt Ave.

floor drain in garage

1
1

1

1
1

e for the City's Sierra Point Lift Station.

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

connection at main

Manhole from sidewalk main
Cleanout
Cleanout behind 152 Trinity Road
Flow intermittently exiting pick hole in manhole cover
From cleanout in backyard sewer main behind 152 Trinity.
Leaking through pavement. Spill source was a break in a fusion joint on an HDPE force main buried approximately sever

Lamphole in street
Overflow from a manhole on a gravity sewer main.

Property Line Cleanout
Property Line Cleanout
Property line cleanout
4 clean out in easement.
4 clean out in planter strip
4 clean out in planter strip

4 clean out in planter strip
4 clean out at street
4 clean out
4 clean out
4 clean out
4 clean out
4 clean out
floor drain in garage
4 clean out
4 clean out in planter strip
6 clean out in driveway approach.

4 cleanout in sidewalk.
4 sewer cleanout in planter strip
4 cleanout in planter strip
4 clean out in sidewalk
4 clean out
4 clean out in sidewalk
4 clean out in sidewalk

4 cleanout
4 clean out in planter strip
4 cleanout in planterstrip

4 cleanout in planter strip

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

Flowed out of cleanout into gutter and downstream catch basin and into underground storm drain piping.
Vegetation in back yard at 152 Trinity Road
Flow was intermittent from manhole cover and went into the street to the curb and gutter and ultimately to the storm drair
Overflow was in backyard landscaped area, all flow infiltrated into the ground.
Spill leaked through pavement and gradually flowed to curb/gutter where it was captured and contained by a vaccuum tru

Overflow went from lamphole in middle of street, across pavement to gutter, and into catch basin.
Flow from the manhole went through several feet of lawn, then into the gutter and into a catch basin approximately 50 fee

Final spill destination was catch basin at corner of Sierra Point Road and Placer Way. Entire volume of overflow capture
Flow reached curb and gutter where it was contained and fully recovered.

Spill from Property Line cleanout. Water was put back into the sewer
Entered to the Curb and Gutter and contained.

dirt area in easement
Planter Strip

wet spot around manhole-- less than 1 gallon
planter strip(area)

planter strip area
planter strip area

front yard area
planter strip area
floor drain in garage
planter strip area and gutter area
planter strip area

planter strip
planter strip

less than 1 gallon

3/22/2013 14:20	3/22/2013 14:30	3/22/2013 14:45	3/22/2013 18:00
4/1/2013 14:40	4/1/2013 14:40	4/1/2013 15:00	4/1/2013 15:45
4/2/2013 4:30	4/2/2013 3:54	4/2/2013 4:30	4/2/2013 5:10
4/24/2013 12:00	4/24/2013 12:05	4/24/2013 12:15	4/24/2013 12:20
7/9/2013 4:00	7/9/2013 5:00	7/9/2013 4:25	7/9/2013 5:00
9/1/2013 16:35	9/1/2013 16:35	9/1/2013 16:50	9/1/2013 16:55
10/11/2013 13:30	10/11/2013 12:30	10/11/2013 13:45	10/11/2013 14:30
12/25/2007 10:00	12/25/2007 10:00	12/25/2007 10:20	12/25/2007 10:40
2/20/2008 8:00	2/20/2008 10:00	2/20/2008 10:15	2/20/2008 10:45
12/28/2008 9:30	12/28/2008 9:56	12/28/2008 10:06	12/28/2008 11:37
3/22/2009 16:00	3/22/2009 16:00	3/22/2009 16:30	3/22/2009 16:45
11/19/2009 8:00	11/19/2009 8:00	11/19/2009 8:00	11/19/2009 15:00
12/7/2009 20:15	12/7/2009 20:20	12/7/2009 20:50	12/8/2009 9:30
12/10/2009 9:00	12/10/2009 9:05	12/10/2009 9:10	12/10/2009 10:00
12/7/2009 14:30	12/7/2009 14:45	12/7/2009 14:50	12/7/2009 15:20
6/25/2010 10:48	6/25/2010 10:48	6/25/2010 11:00	6/25/2010 11:24
8/30/2010 8:40	8/30/2010 8:40	8/30/2010 8:45	8/30/2010 9:00
2/27/2011 9:00	2/27/2011 9:00	2/27/2011 9:05	2/27/2011 9:50
7/2/2011 10:30	7/2/2011 11:00	7/2/2011 11:05	7/2/2011 12:00
6/3/2012 10:30	6/3/2012 10:30	6/3/2012 10:50	6/3/2012 11:45
1/18/2013 7:50	1/18/2013 7:54	1/18/2013 8:00	1/18/2013 9:05
3/8/2013 9:32	3/8/2013 9:32	3/8/2013 9:37	3/8/2013 9:53
6/18/2013 14:35	6/18/2013 14:35	6/18/2013 14:35	6/18/2013 21:00
3/2/2008 14:45	3/2/2008 14:50	3/2/2008 15:19	3/2/2008 16:08
5/4/2009 12:00	5/4/2009 12:00	5/4/2009 12:30	5/4/2009 13:00
7/17/2007 9:00	7/17/2007 10:00	7/17/2007 10:45	7/17/2007 11:30
5/12/2007 14:32	5/12/2007 14:32	5/12/2007 15:00	5/12/2007 17:00
5/1/2007 7:50	5/1/2007 7:50	5/1/2007 8:00	5/1/2007 8:10
5/1/2007 20:00	5/1/2007 20:00	5/1/2007 20:17	5/2/2007 0:20
5/5/2007 13:00	5/5/2007 13:05	5/5/2007 13:15	5/5/2007 14:00
5/8/2007 14:52	5/8/2007 14:52	5/8/2007 15:00	5/8/2007 15:10
5/12/2007 7:28	5/12/2007 7:28	5/12/2007 7:50	5/12/2007 8:00
5/14/2007 19:30	5/14/2007 19:30	5/14/2007 19:50	5/14/2007 20:20
5/17/2007 8:00	5/17/2007 8:00	5/17/2007 8:16	5/17/2007 8:20
5/21/2007 9:22	5/21/2007 9:22	5/21/2007 9:35	5/21/2007 9:42
5/21/2007 12:00	5/21/2007 12:00	5/21/2007 12:14	5/21/2007 12:30
5/25/2007 9:20	5/25/2007 9:20	5/25/2007 9:42	5/25/2007 9:59
5/27/2007 17:40	5/27/2007 17:40	5/27/2007 18:00	5/27/2007 18:25
5/28/2007 10:44	5/28/2007 10:44	5/28/2007 11:00	5/28/2007 11:20
5/28/2007 14:45	5/28/2007 14:45	5/28/2007 15:10	5/28/2007 15:25
5/30/2007 7:00	5/30/2007 7:00	5/30/2007 7:15	5/30/2007 7:30
6/1/2007 7:30	6/1/2007 7:30	6/1/2007 7:40	6/1/2007 8:00
6/4/2007 20:12	6/4/2007 20:12	6/4/2007 20:25	6/4/2007 20:40
6/6/2007 9:00	6/6/2007 9:00	6/6/2007 9:15	6/6/2007 9:30
6/8/2007 20:06	6/8/2007 20:00	6/8/2007 20:42	6/8/2007 21:10
6/11/2007 19:09	6/11/2007 19:09	6/11/2007 19:35	6/11/2007 19:50
6/11/2007 8:10	6/11/2007 8:10	6/11/2007 8:30	6/11/2007 8:45
6/11/2007 10:00	6/11/2007 10:00	6/11/2007 10:10	6/11/2007 10:30
6/13/2007 13:30	6/13/2007 13:30	6/13/2007 14:00	6/13/2007 14:30
6/15/2007 11:30	6/15/2007 11:30	6/15/2007 11:45	6/15/2007 12:00
6/15/2007 17:30	6/15/2007 17:30	6/15/2007 18:00	6/15/2007 18:20
6/18/2007 22:00	6/18/2007 22:00	6/18/2007 22:20	6/18/2007 22:50
6/19/2007 11:11	6/19/2007 11:11	6/19/2007 11:21	6/19/2007 11:34
6/20/2007 9:15	6/20/2007 9:15	6/20/2007 9:30	6/20/2007 9:45
6/26/2007 18:15	6/26/2007 18:15	6/26/2007 18:40	6/26/2007 18:50

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

Private Contractor working at the N/E corner of Durant and Ellsworth damaged sewer by excavation. Excavator broke st

Bypass pipe was struck by car and connection was connection was loosened causing leakage.

Believed to be a soft blockage. Will follow-up with video inspection to see if any other cause is evident.
Appeared to be a soft root blockage, easily cleared with rodding machine. Videoed line after blockage was cleared, signs

Break in a fusion joint on an HDPE force main from a sewer lift station.

City was jet rodding the same line in which an SSO occurred on 12/7/2009 to address any remaining root intrusion issues
Unkown cause, soft blockage.
Appeared to be a combination of roots and rags. Adjacent property owner apparently having trouble with private sewer la
Appeared to be caused by a paper blockage. Some roots were removed during cleaning as well.

Loose roots partially blocking discharge pipe in manhole. City staff believes that contractor working on removing roots fr

Heavy paper and roots

rocks in lateral

Main
Main
Main
Main
Main
Lower Lateral
Manhole

of root intrusion.
Main

Main
Main

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

Lower Lateral

Fusion joint on a force main.

Failure was a hole in the top of the sewer main beneath homeowner's steps on side of house.
Soft blockage in main line between manhole and lamphole at end of line.

Discharge pipe in Manhole
Outfall of Manhole

No	
No	
No	
No	4
No	6 PVC
	8 HDPE
	6 VCP
	6 VCP

60

30

30

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

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

Responded with vactor truck, used hydroflusher to clear blockage. Flushed street and storm drain system with vactor, co
Maintenance crews responded wtih rodding machine, cleared blockage, used root cutter on rodding machine, removed sc
Crew sandbagged downstream catch basin and verified overflow had not reached that location yet. Crew used vactor tru
Cleared blockage with cable rodding machine. Blockage appeared to be due to root intrusion. Overflow infiltrated into gr
Used vacuum truck to capture and contain any flow seeping through pavement until contractor excavated the force main
City used jet rodder to clear blockage and restore flow. Used video inspection equipment to determine location of root int
City ceased jet rodding upon determining flow coming from beneath the steps. City contractor removed steps and found
CIty used jet rodder to clear soft blockage.

N/A

Cleared 4-inch lateral and contained spill in curb and gutter. Clean-up by flushing down curb and gutter of approimately 2

washdown and vacuumed spill
washdown and vacuumed up overflow
washdown and disinfect area around manhole
washdown and vacuumed up spill
vacuumed up spill and disifected area
vacuumed and washdowned area

washdown area and vacummed up washdown and spill
washdown and vacuumed up spill

washdown, vacuumed up spill and disinfected area
washdown and vacuumed up gutter area

repaired sewer line. sag

3/22/2013 0:00

4/2/2013 6:00

7/9/2013 5:00

12/25/2007 11:30

6/25/2010 14:00
8/30/2010 11:30
2/27/2011 11:15

3/8/2013 11:00

Added sewer to preventive maintenance program

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

Adjusted schedule/method of preventive maintenance

Add to Root Foaming list

Will follow-up with video inspection of line to see if any significant defects require rehabilitation. Spot repairs were perfor

Overflow may have been caused as a result of work on a private sewer lateral by a private contractor. Although roots we

No

Yes

No

No

No
No
No

No

No impact- did not reach receiving water.

N/A
N/A
N/A

No No

No

No

No

No
No
No

No

NA

NA
NA

N/A
N/A
N/A

N/A

090-130-090-129 creek culvets.

codornice creek

NA

NA
NA
None
N/A
N/A
N/A
Brisbane Lagoon San Francisco Bay
Not Applicable

none

Not applicable to this spill

Dissolved oxygen

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

No water quality samples taken

Not applicable to this spill

Regional Water Quality Control Board

None of the above

Not applicable to this spill

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

No water quality samples taken

Field basic measurement (width/depth of flow)

7/9/2013 0:00

131424 3/8/2013 10:50

Kem Loong	9816479
Kem Loong	9816479
Kem Loong	9816479
Kem Loong	5109816479
EARL ELZY S.M.A.S.	5109816497

2SSO10099	Active	654156	Vincent Falzon	Certified
2SSO10099	Active	654157	Vincent Falzon	Certified
2SSO10099	Active	655415	Vincent Falzon	Certified
2SSO10099	Active	655416	Vincent Falzon	Certified
2SSO10099	Active	655417	Vincent Falzon	Certified
2SSO10099	Active	655426	Vincent Falzon	Certified
2SSO10099	Active	655460	Vincent Falzon	Certified
2SSO10099	Active	655461	Vincent Falzon	Certified
2SSO10099	Active	655462	Vincent Falzon	Certified
2SSO10099	Active	655463	Vincent Falzon	Certified
2SSO10099	Active	655467	Vincent Falzon	Certified
2SSO10099	Active	655469	Phil Scott	Certified
2SSO10099	Active	655474	Vincent Falzon	Certified
2SSO10099	Active	655476	Vincent Falzon	Certified
2SSO10099	Active	655477	Vincent Falzon	Certified
2SSO10099	Active	655478	Vincent Falzon	Certified
2SSO10099	Active	657681	V. Falzon	Certified
2SSO10099	Active	657683	V. Falzon	Certified
2SSO10099	Active	657702	V. Falzon	Certified
2SSO10099	Active	657703	V. Falzon	Certified
2SSO10099	Active	657704	V. Falzon	Certified
2SSO10099	Active	657705	Jim Brown	Certified
2SSO10099	Active	657706	V. Fazlon	Certified
2SSO10099	Active	657707	V. Falzon	Certified
2SSO10099	Active	657709	Vincent Falzon	Certified
2SSO10099	Active	657712	Vincent Falzon	Certified
2SSO10099	Active	657713	Vincent Falzon	Certified
2SSO10099	Active	657716	Vincent Falzon	Certified
2SSO10099	Active	657999	V. Falzon	Certified
2SSO10099	Active	705895	Vince Falzon	Certified
2SSO10099	Active	705914	Vince Falzon	Certified
2SSO10099	Active	705920	Vince Falzon	Certified
2SSO10099	Active	705929	Vince Falzon	Certified
2SSO10099	Active	705930	Vince Falzon	Certified
2SSO10099	Active	705932	Vince Falzon	Certified
2SSO10099	Active	705934	Vince Falzon	Certified
2SSO10099	Active	705936	Vince Falzon	Certified
2SSO10099	Active	705937	Vince Falzon	Certified
2SSO10099	Active	707840	Vincent Falzon	Certified
2SSO10099	Active	707841	Vincent Falzon	Certified
2SSO10099	Active	707842	Vincent Falzon	Certified
2SSO10099	Active	707847	Vincent Falzon	Certified
2SSO10099	Active	708366	Vincent Falzon	Certified
2SSO10099	Active	708376	Vincent Falzon	Certified
2SSO10099	Active	708920	Jim Brown	Certified
2SSO10099	Active	709516	Vincent Falzon	Certified
2SSO10099	Active	710522	Jim Brown	Certified
2SSO10099	Active	710708	Jim Brown	Certified
2SSO10099	Active	710709	Vince Falzon	Certified
2SSO10099	Active	710710	Vince Falzon	Certified
2SSO10099	Active	711935	Jim Brown	Certified
2SSO10099	Active	711991	Jim Brown	Certified
2SSO10099	Active	712725	Jim Brown	Certified
2SSO10099	Active	712726	Vincent Falzon	Certified
2SSO10099	Active	713013	Jim Brown	Certified

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Asst. Superintendent
Supervisor

City of Burlingame		502331
City of Burlingame		811885
Burlingame		846007
Burlingame		694901
Burlingame		835246
Burlingame		396147
Burlingame		942752
Burlingame		686972
Burlingame		667958
Burlingame		761644
Burlingame		996848
Burlingame		106996
Burlingame		105974
Burlingame		195482
Burlingame		522793
Burlingame		995462
Burlingame		484278
Burlingame		311197
Burligame		748063
Burlingame		915608
Burlingame		121812
City of Burlingame		694527
Burlingame		827131
Burlingame		223988
Burlingame		139211
Burlingame		550712
Burlingame		788853
Burlingame		208255
Burlingame		911967
	17:07	258767
	16:58	335153
	16:53	336611
	16:47	586316
	16:45	967882
	16:40	431148
	16:05	313970
	16:00	630844
	7:55 AM	807065
Burlingame		834605
Burlingame		145498
Burlingame		174027
Burligname		129210
Burlingame		450929
Burlingame		725936
City of Burlingame		693017
Burlingame		913750
City of Burlingame		437493
City of Burlingame		153806
Burlingame		125380
Burlingame		357215
City of Burlingame		140249
City of Burlingame		127988
City of Burlingame		314977
Burlingame		105445
City of Burlingame		464308

15-Jul-07	17-Jul-07	7/17/2007
15-Jul-07	17-Jul-07	7/17/2007
8-Aug-07	8-Aug-07	8/8/2007
8-Aug-07	8-Aug-07	8/8/2007
8-Aug-07	8-Aug-07	8/8/2007
8-Aug-07	8-Aug-07	8/8/2007
8-Aug-07	8-Aug-07	8/8/2007
8-Aug-07	8-Aug-07	8/8/2007
8-Aug-07	8-Aug-07	8/8/2007
8-Aug-07	8-Aug-07	8/8/2007
8-Aug-07	8-Aug-07	8/8/2007
8-Aug-07	8-Aug-07	8/8/2007
8-Aug-07	8-Aug-07	8/8/2007
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28-Nov-07	29-Nov-07	11/29/2007
10-Dec-07	10-Dec-07	1/29/2011
14-Dec-07	18-Dec-07	12/18/2007
28-Dec-07	15-Jan-08	1/29/2011
5-Jan-08	5-Jan-08	2/25/2009
5-Jan-08	5-Jan-08	4/28/2008
5-Jan-08	5-Jan-08	1/5/2008
28-Jan-08	28-Jan-08	1/29/2011
29-Jan-08	29-Jan-08	1/29/2011
12-Feb-08	13-Feb-08	2/24/2011
12-Feb-08	13-Feb-08	2/13/2008
16-Feb-08	28-Feb-08	2/13/2011

Category 3	1	1
Category 3	15	15
Category 3	4	4
Category 3	30	28
Category 3	1	0
Category 3	1	0
Category 3	1	0
Category 3	1	0
Category 3	1	0
Category 3	2	2
Category 3	2	2
Category 3	25	20
Category 3	2	0
Category 3	1	1
Category 3	2	2
Category 3	3	3
Category 3	1	1
Category 3	3	3
Category 3	1	1
Category 3	30	28
Category 3	1	1
Category 3	1	0
Category 3	2	1
Category 3	30	27
Category 3	1	1
Category 3	1	1
Category 3	5	4
Category 3	5	5
Category 3	15	15
Category 3	2	
Category 3	15	15
Category 3	2	2
Category 3	2	2
Category 3	10	10
Category 3	5	
Category 3	3	3
Category 3	5	5
Category 3	3	3
Category 3	7	
Category 3	40	35
Category 3	5	4
Category 3	160	100
Category 3	5	5
Category 3	5	3
Category 1	360	0
Category 3	15	12
Category 3	2	2
Category 1	12000	0
Category 1	9500	0
Category 1	600	0
Category 1	1500	0
Category 1	600	0
Category 3	1	1
Category 3	3	3
Category 3	2	2

	No	No
	No	No
0	No	No
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	No	No
	No	No
	No	No
	No	No
	No	No
	No	No
	No	No
160	Yes	Yes
	No	No
0	No	No
12000	Yes	Yes
9500	Yes	Yes
600	Yes	Yes
1500	Yes	Yes
600	Yes	Yes
0	No	No
	No	No
0	No	No

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

1117 Dufferin Ave.
1539 Alturas Drive
725 Concord Way
1009 El Camino Real
740 Acacia
1521 Los Montes Drive
1008 Drake Ave.
515 Burlingame Ave.
1637 Balboa Ave.
217 Channing Road
718 Acacia Dr.
1504 Sanchez AVE.
2832 Hillside Drive
1532 Cypress Ave.
801 Maple Ave.
229 Bloomfield Road
1015 Cabrillo
405 Bayswater
1020 Cortez Ave
1215 California Drive
825 Walnut Ave.
21 El Quanito Way
1256 Drake Ave.
300 Pennisula Ave.
1381 Desoto Ave.
1400 Sanchez Ave.
147 Loma Vista Drive
1450 Chapin Ave
108 Burlingame Avenue
605 Lexington
809 Morrell Ave
15 Lorton Ave
1256 Bernal Ave.
805 Burlingame Ave.
1105 Bayswater Ave
821 Paloma Ave
1309 Sanchez Ave
733 Concord Way
3226 Hillside
1712 Devereux Drive
Ray Dr. and Balboa Ave.
1503 La Mesa Drive
1125 Airport Blvd.
Cornavaca Park
In easement behind 2202 Summit Drive
Roosevelt and Vancouver
1427 Floribunda Ave.
1700 California Drive
2800 blk of Easton Drive
700 Blk of Neuchatel Avenue
Arc Way
California Drive
1523 Alturas Drive
1125 Airport Blvd.
17 Bloomfield Road

37.591389	122.3775	San Mateo
37.576111	122.395	San Mateo
37.582778	122.342222	San Mateo
37.589722	122.367222	San Mateo
37.581667	122.356667	San Mateo
37.574167	122.394722	San Mateo
37.579722	122.365556	San Mateo
37.589722	122.366944	San Mateo
37.590556	122.380278	San Mateo
37.584167	122.336389	San Mateo
37.580278	122.355278	San Mateo
37.581389	122.361944	San Mateo
37.581389	122.376944	San Mateo
37.573889	122.345556	San Mateo
37.585556	122.350833	San Mateo
37.582222	122.34	San Mateo
37.580278	122.365	San Mateo
37.581389	122.338056	San Mateo
37.580833	122.364167	San Mateo
37.588056	122.362778	San Mateo
37.579444	122.36	San Mateo
37.57681	-122.38558	San Mateo
37.5825	122.370833	San Mateo
37.581389	122.333056	San Mateo
37.582222	122.375556	San Mateo
37.582778	122.361389	San Mateo
37.571389	122.395556	San Mateo
37.5775	122.350833	San Mateo
37.591389	122.335833	San Mateo
37.585278	122.338889	San Mateo
37.586111	122.352222	San Mateo
37.576944	122.343889	San Mateo
37.589722	122.366944	San Mateo
37.581944	122.341944	San Mateo
37.576667	122.342222	San Mateo
37.578333	122.379444	San Mateo
37.583889	122.360556	San Mateo
37.5825	122.3425	San Mateo
37.576111	122.377778	San Mateo
37.588333	122.378889	San Mateo
37.589722	122.378611	San Mateo
37.577778	122.381111	San Mateo
37.591111	122.358056	San Mateo
37.579444	122.3975	San Mateo
37.576111	-122.383056	San Mateo
37.579167	122.334722	San Mateo
37.58	-122.351944	San Mateo
37.594167	122.379444	San Mateo
37.577222	122.379722	San Mateo
37.57	122.365	San Mateo
37.579167	-122.351667	San Mateo
37.581944	-122.351667	San Mateo
37.57544	-122.39478	San Mateo
37.591389	122.358056	San Mateo
37.579444	-122.336944	San Mateo

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The City provides courtesy service to The lower portion of the sewer lateral of our residents/customers pursuant to a cour

The City provides courtesy service to the lower portion of the sewer lateral of our residents/customers pursuant to a court

t ordered Consent Decree dated Octobe

ordered Consent Decree dated October

Other (specify)
Other (specify)
Other sewer system structure
Other sewer system structure
Other sewer system structure
Other sewer system structure
Other sewer system structure
Other sewer system structure
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Other sewer system structure
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Other (specify)
Manhole
Other (specify)
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Other sewer system structure
Manhole
Manhole
Manhole
Other (specify)
Manhole
Manhole
Other sewer system structure
Manhole
Manhole
Manhole
Manhole
Other (specify)
Other sewer system structure
Manhole
Other sewer system structure

4 clean out
4 cleanout in easement
4 clean out- lateral stoppage
4 clean out- lateral stoppage
4 cleanout- Lateral stoppage
4 clean out- lateral spill
4 cleanout-- lateral stoppage
4 cleanout- lateral stoppage
4 cleanout-- lateral stoppage
4 cleanout-- lateral stoppage
4 cleanout- Lateral stoppage
4 cleanout-- lateral stoppage
4 cleanout-- lateral stoppage
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4 cleanou- lateral stoppage
4 clean out- lateral stoppage
4 clean out- lateral stoppage
From a 4 cleanout.
4 sewer clean out- lateral blockage
4 clean out- lateral blockage
4 sewer cleanout- lateral stoppge
4 ' sewer cleanout- lateral stoppage
4 sewer cleanout- lateral stoppage
4 sewer clean out- lateral stoppage
4 sewer clean out- lateral stoppage
4 sewer cleanout- lateral stoppage
4 sewer clean out- lateral stoppage
4 clean out in planter strip
4 clean out in planter area

4 cleanout in grass area.

4 sewer clean out

6 cleanout
4 sewer clean out

4 sewer clean out

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

Planter strip between sidewalk and curb.

Most of the spill was recovered and 60 gallons of the spill got absorbed into the dirt ground in the easement

Spill reached a natural drainage ditch in easement and most of it absorbt into ground.

washed down area and recovered 10 gallons of contaminated liquid. Disinfected area.

6/26/2007 20:00	6/26/2007 20:00	6/26/2007 20:20	6/26/2007 20:35
6/26/2007 8:15	6/26/2007 8:15	6/26/2007 8:30	6/26/2007 8:45
7/16/2007 15:45	7/16/2007 15:45	7/16/2007 16:00	7/16/2007 16:23
7/21/2007 9:07	7/21/2007 9:07	7/21/2007 9:10	7/21/2007 9:25
7/20/2007 11:43	7/20/2007 11:43	7/20/2007 11:59	7/20/2007 12:10
7/20/2007 13:47	7/20/2007 13:47	7/20/2007 14:00	7/20/2007 14:55
7/22/2007 10:45	7/22/2007 10:45	7/22/2007 11:00	7/22/2007 12:00
7/23/2007 20:20	7/23/2007 20:20	7/23/2007 20:35	7/23/2007 21:05
7/28/2007 7:54	7/28/2007 7:54	7/28/2007 8:00	7/28/2007 8:15
7/29/2007 10:53	7/29/2007 10:50	7/29/2007 11:00	7/29/2007 11:10
7/29/2007 14:00	7/29/2007 14:00	7/29/2007 14:30	7/29/2007 14:43
7/29/2007 12:12	7/29/2007 12:00	7/29/2007 12:20	7/29/2007 12:40
7/30/2007 11:53	7/30/2007 11:53	7/30/2007 12:15	7/30/2007 12:45
7/30/2007 16:08	7/30/2007 16:00	7/30/2007 16:22	7/30/2007 16:35
7/30/2007 16:45	7/30/2007 16:45	7/30/2007 16:50	7/30/2007 17:00
7/30/2007 20:00	7/30/2007 20:00	7/30/2007 20:20	7/30/2007 20:35
8/2/2007 10:00	8/2/2007 10:00	8/2/2007 10:10	8/2/2007 10:20
8/2/2007 9:18	8/2/2007 9:18	8/2/2007 9:25	8/2/2007 9:52
8/3/2007 12:20	8/3/2007 12:22	8/3/2007 12:30	8/3/2007 12:45
8/3/2007 8:20	8/3/2007 8:23	8/3/2007 8:30	8/3/2007 9:15
8/6/2007 19:00	8/6/2007 19:05	8/6/2007 19:40	8/6/2007 19:50
8/7/2007 18:16	8/7/2007 18:16	8/7/2007 19:00	8/7/2007 20:15
8/7/2007 5:55	8/7/2007 5:57	8/7/2007 6:17	8/7/2007 6:30
8/8/2007 10:20	8/8/2007 10:20	8/8/2007 10:25	8/8/2007 10:32
8/19/2007 12:13	8/19/2007 12:13	8/19/2007 12:20	8/19/2007 1:00
8/19/2007 14:40	8/19/2007 14:40	8/19/2007 14:46	8/19/2007 15:10
8/21/2007 15:08	8/21/2007 15:08	8/21/2007 15:11	8/21/2007 15:21
8/27/2007 11:15	8/27/2007 11:15	8/27/2007 11:25	8/27/2007 11:45
8/9/2007 12:28	8/9/2007 12:28	8/9/2007 12:48	8/9/2007 12:58
9/3/2007 9:26	9/3/2007 9:26	9/3/2007 9:50	9/3/2007 10:05
9/4/2007 17:15	9/4/2007 17:15	9/4/2007 17:24	9/4/2007 17:40
9/5/2007 9:00	9/5/2007 9:00	9/5/2007 9:12	9/5/2007 9:30
9/13/2007 18:30	9/13/2007 18:30	9/13/2007 18:50	9/13/2007 19:40
9/18/2007 15:55	9/18/2007 15:55	9/18/2007 16:05	9/18/2007 16:20
9/18/2007 14:30	9/18/2007 14:32	9/18/2007 14:45	9/18/2007 14:55
9/18/2007 13:43	9/18/2007 13:45	9/18/2007 14:00	9/18/2007 14:08
9/19/2007 8:07	9/19/2007 8:07	9/19/2007 8:14	9/19/2007 8:25
9/28/2007 11:13	9/28/2007 11:13	9/28/2007 11:23	9/28/2007 12:00
10/1/2007 13:00	10/1/2007 0:00	10/1/2007 0:00	10/1/2007 0:00
10/16/2007 10:25	10/16/2007 10:25	10/16/2007 10:50	10/16/2007 11:10
10/22/2007 10:45	10/22/2007 10:45	10/22/2007 10:50	10/22/2007 11:10
10/26/2007 10:30	10/26/2007 10:30	10/26/2007 10:45	10/26/2007 11:30
10/7/2007 14:44	10/7/2007 14:44	10/7/2007 14:50	10/7/2007 17:00
10/29/2007 11:04	10/29/2007 11:04	10/29/2007 11:15	10/29/2007 11:25
12/9/2007 11:19	12/9/2007 11:19	12/9/2007 11:30	12/9/2007 14:30
11/6/2007 15:57	11/6/2007 15:57	11/6/2007 16:25	11/6/2007 16:50
12/10/2007 13:52	12/10/2007 13:52	12/10/2007 14:15	12/10/2007 14:25
1/4/2008 10:30	1/4/2008 10:30	1/4/2008 10:30	1/4/2008 2:30
1/4/2008 11:00	1/4/2008 11:00	1/4/2008 11:00	1/4/2008 14:00
1/4/2008 15:30	1/4/2008 15:30	1/4/2008 15:30	1/4/2008 17:30
1/25/2008 17:00	1/25/2008 17:00	1/25/2008 17:15	1/25/2008 18:00
1/25/2008 16:00	1/25/2008 16:00	1/25/2008 16:15	1/25/2008 17:00
9/23/2007 9:30	9/23/2007 9:34	9/23/2007 9:45	9/23/2007 10:35
9/23/2007 16:00	9/23/2007 16:00	9/23/2007 16:15	9/23/2007 17:40
1/7/2008 8:29	1/7/2008 8:29	1/7/2008 8:58	1/7/2008 9:10

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

Roots and rags

Pipe failed due minor hill slide that offset the pipe and dirt blocked the pipe causing the line to backup and causing the ov

Infiltration due to heavy rains. .

SSO was caused due to Inflow & Infilltration (I&I) from the heavy rains that we had taht day for 12 plus hours.
Overflow was due to heavy rains that overladed the system with water Infilltration.

Main

Main

Lower Lateral

Main
Main
Lower Lateral

Lower Lateral

6 VCP

18 PVC
12 clay
6 Clay
10 VCP
6 VCP

10

80
80

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

Wash down, disinfected the curb and gutter and contained in the catch basin. We washed down catch basin and vacuum

One gallon of the water was absorbed or evaporated and the area was disinfected.

All solids were contained and returned to the sanitary sewer. Line was TV inspected to determine cause of failure. Temp

12/10/2007 10:00

1/4/2008 3:00
1/4/2008 15:00
1/4/2008 18:00
1/25/2008 18:00
1/25/2008 17:00

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

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

Set up a bypass pumping from upper manhole to lower manhole while planning for repair

Spill occured due to infiltaration and inflow from the Heavy rains (3.11 inches) that we experience in few hours.Spill occur

No

No
No
No
No
No

None to report

None
None

Yes

No
No
No
No
No

NA

NA
NA
NA
NA
N/A

Un-named channel

El Portal Channel
Easton Creek
Oak Grove box culvert
Unnamed Channel
Unnamed Channel

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

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

77608	12/10/2007 8:30
80186	1/5/2008 21:00
80185	1/5/2008 20:55
80187	1/5/2008 21:05
80847	1/28/2008 12:45
80849	1/28/2008 12:50

2SSO10099	Active	713014	Jim Brown	Certified
2SSO10099	Active	713015	Jim Brown	Certified
2SSO10099	Active	713016	Jim Brown	Certified
2SSO10099	Active	713017	City of Burlingame	Certified
2SSO10099	Active	713018	Jim Brown	Certified
2SSO10099	Active	713019	Jim Brown	Certified
2SSO10099	Active	713020	Jim Brown	Certified
2SSO10099	Active	713021	Jim Brown	Certified
2SSO10099	Active	713022	Jim Brown	Certified
2SSO10099	Active	713023	Jim Brown	Certified
2SSO10099	Active	713024	Vince Falzon	Certified
2SSO10099	Active	713025	Vince Falzon	Certified
2SSO10099	Active	713026	Vince Falzon	Certified
2SSO10099	Active	714353	Jim Brown	Certified
2SSO10099	Active	714354	Jim Brown	Certified
2SSO10099	Active	714355	Jim Brown	Certified
2SSO10099	Active	714356	Jim Brown	Certified
2SSO10099	Active	714777	Jim Brown	Certified
2SSO10099	Active	714778	Jim Brown	Certified
2SSO10099	Active	714780	Jim Brown	Certified
2SSO10099	Active	714781	Jim Brown	Certified
2SSO10099	Active	714782	Vince Falzon	Certified
2SSO10099	Active	714783	Jim Brown	Certified
2SSO10099	Active	714784	Vince Falzon	Certified
2SSO10099	Active	714785	Jim Brown	Certified
2SSO10099	Active	714786	Vince Falzon	Certified
2SSO10099	Active	714787	Jim Brown	Certified
2SSO10099	Active	715137	Jim Brown	Certified
2SSO10099	Active	715138	Jim Brown	Certified
2SSO10099	Active	715139	Jim Brown	Certified
2SSO10099	Active	715140	Jim Brown	Certified
2SSO10099	Active	715143	Jim Brown	Certified
2SSO10099	Active	715145	Jim Brown	Certified
2SSO10099	Active	715149	Jim Brown	Certified
2SSO10099	Active	715151	Jim Brown	Certified
2SSO10099	Active	715154	Jim Brown	Certified
2SSO10099	Active	716273	Jim Brown	Certified
2SSO10099	Active	716274	Jim Brown	Certified
2SSO10099	Active	716275	Jim Brown	Certified
2SSO10099	Active	716512	Jim Brown	Certified
2SSO10099	Active	716922	Jim Brown	Certified
2SSO10099	Active	716923	Jim Brown	Certified
2SSO10099	Active	716924	Jim Brown	Certified
2SSO10099	Active	716925	Jim Brown	Certified
2SSO10099	Active	716926	Jim Brown	Certified
2SSO10099	Active	720834	Jim Brown	Certified
2SSO10099	Active	720835	Jim Brown	Certified
2SSO10099	Active	724447	Jim Brown	Certified
2SSO10099	Active	724448	Vince Falzon	Certified
2SSO10099	Active	724449	Jim Brown	Certified
2SSO10099	Active	724450	Jim Brown	Certified
2SSO10099	Active	726475	Jim Brown	Certified
2SSO10099	Active	726478	Jim Brown	Certified
2SSO10099	Active	726480	Jim Brown	Certified
2SSO10099	Active	726482	Jim Brown	Certified

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City of Burlingame	152077
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City of Burlingame	971164
City of Burlingame	357054
City of Burlingame	731742
City of Burlingame	633579
City of Burlingame	222682
City of Burlingame	289134
City of Burlingame	984516
City of Burlingame	271146
Burlingame	662218
Burlingame	810790
Burlingame	280646
City of Burlingame	784990
City of Burlingame	467806
City of Burlingame	747099
City of Burlingame	548973
City of Burlingame	135487
City of Burlingame	228490
City of Burlingame	143317
City of Burlingame	425696
Burlingame	628719
Burlingame	886873
Burlingame	354034
City of Burlingame	404181
Burligname	274559
City of Burlingame	910629
City of Burlingame	380041
City of Burlingame	233168
City of Burlingame	152498
City of Burlingame	644381
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City of Burlingame	997162
City of Burlingame	949286
City of Burlingame	457405
City of Burlingame	759126
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City of Burlingame	994831
City of Burlingame	681443
City of Burlingame	728451
City of Burlingame	976289
City of Burlingame	558716
City of Burlingame	865045
City of Burlingame	849050
City of Burlingame	399953
City of Burlingame	851463
Burlingame	377543
City of Burlingame	587350
City of Burlingame	332483
City of Burlingame	675251
City of Burlingame	306998
City of Burlingame	339899
City of Burlingame	521933

16-Feb-08	28-Feb-08	2/13/2011
16-Feb-08	28-Feb-08	2/13/2011
16-Feb-08	28-Feb-08	2/13/2011
16-Feb-08	28-Feb-08	2/13/2011
16-Feb-08	28-Feb-08	2/13/2011
16-Feb-08	28-Feb-08	2/13/2011
16-Feb-08	28-Feb-08	2/13/2011
16-Feb-08	28-Feb-08	2/13/2011
16-Feb-08	28-Feb-08	2/13/2011
16-Feb-08	28-Feb-08	2/13/2011
16-Feb-08	28-Feb-08	2/28/2008
16-Feb-08	28-Feb-08	2/28/2008
16-Feb-08	28-Feb-08	2/28/2008
2-Mar-08	25-Mar-08	2/13/2011
2-Mar-08	25-Mar-08	2/13/2011
2-Mar-08	25-Mar-08	2/13/2011
2-Mar-08	25-Mar-08	2/24/2011
11-Mar-08	26-Mar-08	2/24/2011
11-Mar-08	26-Mar-08	2/13/2011
11-Mar-08	26-Mar-08	2/13/2011
11-Mar-08	26-Mar-08	2/13/2011
11-Mar-08	26-Mar-08	3/26/2008
11-Mar-08	28-Mar-08	2/13/2011
11-Mar-08	28-Mar-08	3/28/2008
11-Mar-08	28-Mar-08	2/9/2009
11-Mar-08	28-Mar-08	3/28/2008
11-Mar-08	28-Mar-08	2/13/2011
21-Mar-08	26-Mar-08	2/13/2011
21-Mar-08	28-Mar-08	2/13/2011
21-Mar-08	28-Mar-08	2/13/2011
21-Mar-08	28-Mar-08	2/13/2011
21-Mar-08	28-Mar-08	2/13/2011
21-Mar-08	28-Mar-08	2/13/2011
21-Mar-08	28-Mar-08	2/13/2011
21-Mar-08	28-Mar-08	2/13/2011
21-Mar-08	28-Mar-08	2/13/2011
18-Apr-08	23-Apr-08	2/13/2011
18-Apr-08	23-Apr-08	2/13/2011
18-Apr-08	23-Apr-08	2/13/2011
24-Apr-08	24-Apr-08	2/13/2011
4-May-08	23-May-08	2/13/2011
4-May-08	23-May-08	2/13/2011
4-May-08	23-May-08	2/13/2011
4-May-08	23-May-08	2/13/2011
4-May-08	23-May-08	2/13/2011
27-Jun-08	1-Jul-08	2/13/2011
27-Jun-08	1-Jul-08	2/13/2011
8-Aug-08	26-Aug-08	2/13/2011
8-Aug-08	26-Aug-08	8/26/2008
8-Aug-08	26-Aug-08	2/13/2011
8-Aug-08	26-Aug-08	2/13/2011
17-Sep-08	25-Sep-08	9/25/2008
17-Sep-08	25-Sep-08	2/13/2011
17-Sep-08	25-Sep-08	2/13/2011
17-Sep-08	25-Sep-08	2/13/2011

Category 3	2	2
Category 3	3	3
Category 3	5	4
Category 3	5	4
Category 3	2	1
Category 3	5	4
Category 3	10	9
Category 3	5	4
Category 3	5	5
Category 3	20	20
Category 3	5	5
Category 3	45	30
Category 3	10	10
Category 3	5	4
Category 3	10	9
Category 3	1	1
Category 3	5	3
Category 3	15	15
Category 3	5	5
Category 3	3	2
Category 3	3	2
Category 3	330	250
Category 3	2	0
Category 3	20	20
Category 3	10	10
Category 3	20	20
Category 3	5	2
Category 3	5	4
Category 3	2	2
Category 3	1	1
Category 3	5	4
Category 3	5	4
Category 3	5	4
Category 3	1	0
Category 3	2	2
Category 3	2	0
Category 3	2	0
Category 3	2	2
Category 3	10	10
Category 3	3	2
Category 3	10	10
Category 3	5	5
Category 3	2	2
Category 3	4	4
Category 3	7	7
Category 3	5	5
Category 3	5	5
Category 3	5	4
Category 3	5	4
Category 3	2	1
Category 3	25	20
Category 3	60	50
Category 3	5	5
Category 3	2	1
Category 3	10	9

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Not Applicable - Spill did not reach a separate storm drainpipe
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2820 Hillside Drive
1561 Drake Ave
1421 Palm Ave
208 Bayswater Ave.
1617 Albemarle Ave.
815 Walnut Ave.
2832 Hillside Drive
1625 Lassen Way
2201 Hillside Drive
1499 Chapin Ave.
1035 El Camino Real
1535 Vancouver Ave.
1539 Vancouver Ave.
1764 Marco Polo Way
1109 Oxford Road
200 Pennisula Ave.
1617 Albemarle Drive
600 Plymouth Way
728 Lexington Way
1300 Castillo Ave.
121 Crescent Ave.
1033 Capuchino Ave.
137 Bancroft Road
139 Primrose Road
1424 Vancouver Ave.
1500 Carmelita Ave.
1315 Bernal Ave.
1766 Quesada Way
717 Concord Way
860 Fairfeild Road
75 Loma Vista Drive
1007 Paloma Ave.
620 Lexington Way
1456 Drake Ave.
769 Farringdon Lane
609 Howard Ave.
2232 Davis Drive
229 Bloomfeild Road
604 Concord Way
125 Bancroft
404 El Camino Real
2150 Trousdale Drive
476 Bloomfeild Road
28 Channing Road
1523 Chapin Ave.
1118 Grove Ave.
601 Ansel Ave.
1909 Ray Drive
1329 Cabrillo Ave.
920 Oak Grove Ave.
1110 Capuchino Ave.
910 Laguna Ave.
1644 Balboa Ave
1011 Cortez Ave.
1415 Floribunda Ave.

37.578611	-122.381944	San Mateo
37.587222	-122.379167	San Mateo
37.580556	-122.358611	San Mateo
37.582778	-122.334167	San Mateo
37.590833	-122.378889	San Mateo
37.579444	-122.359444	San Mateo
37.578889	-122.383333	San Mateo
37.588889	-122.380278	San Mateo
37.5825	-122.375833	San Mateo
37.5775	-122.350556	San Mateo
37.581667	122.363611	San Mateo
37.585833	122.38	San Mateo
37.585833	122.38	San Mateo
37.589167	-122.385556	San Mateo
37.591389	-122.372778	San Mateo
37.581667	-122.3325	San Mateo
37.59072	-122.37922	San Mateo
37.58603	-122.34197	San Mateo
37.583333	-122.343889	San Mateo
37.579722	-122.376667	San Mateo
37.572778	-122.3475	San Mateo
37.583333	122.3625	San Mateo
37.584442	-122.335278	San Mateo
37.576389	122.346389	San Mateo
37.583889	122.376389	San Mateo
37.582778	122.364167	San Mateo
37.5825	-122.3725	San Mateo
37.589722	-122.387778	San Mateo
37.582778	-122.341667	San Mateo
37.581944	-122.359722	San Mateo
37.572778	-122.396667	San Mateo
37.583889	-122.361111	San Mateo
37.584722	-122.342222	San Mateo
37.585833	-122.376389	San Mateo
37.582222	-122.355833	San Mateo
37.581944	-122.338611	San Mateo
37.586667	-122.385278	San Mateo
37.5825	-122.340278	San Mateo
37.583889	-122.340556	San Mateo
37.583889	-122.334444	San Mateo
37.581389	-122.361389	San Mateo
37.589167	-122.388889	San Mateo
37.589722	-122.366944	San Mateo
37.581944	-122.333889	San Mateo
37.575833	-122.351389	San Mateo
37.588889	-122.368889	San Mateo
37.58	-122.352778	San Mateo
37.588056	-122.380556	San Mateo
37.584444	122.371944	San Mateo
37.583333	-122.349167	San Mateo
37.584167	-122.363056	San Mateo
37.583333	122.358333	San Mateo
37.590833	-122.380556	San Mateo
37.581111	-122.364167	San Mateo
37.58	-122.351944	San Mateo

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The City provides courtesy service to the lower portion of the sewer lateral of our residents/customers pursuant to a court
The City provides courtesy service to The lower portion of the sewer lateral of our residents/customers pursuant to a cour

ordered Consent Decree pursuant date
t ordered Consent Decree dated Octobe

Other sewer system structure
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4 sewer cleanout
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4 sewer cleanout
Main blockage and minor spill from a 4 sewer cleanout
Toilet seal in lower bathroom that is level or lower than the city cleanout.
4 sewer clean out
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4 sewer cleanout.
Main blockage and spill occured from a 4 sewer cleanout which was the low point in the easement.
4 sewer cleanout
Main blockage and spill came out of 4 sewer cleanout
Main blockage and spill came out a 4 sewer cleanout.

4 sewer cleanout
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6 sewer cleanout
4 sewer cleanout.
4 sewer cleanout.
4 sewer clean out
Within property. Shower stall that is below cleanout and manhole.
4 sewer cleanout
4 sewer cleanout.

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

1 Gallon of spill absorbed into dirt in planter area.

some of the water absorbed into the ground

Contanied spill in a low spot in gutter area.

Heavy rain. 15 gallons got into gutter and got diluted with rain water.
bathroom in lower level of private residence.

1 gallon absorbed into ground.

Approx. 1 gallon absorbed into dirt area.
Approx. 1 gallon of spill absorbed into dirt area.
Overflow contained to private property. Side of house dirt area and basement/garage. Some of the spill got soaked and \
Water absorbed into the dirt.
spill contained in gutter area and cleaned.

Some of the spill absorbed in the planter area.

Some of the water soaked into the ground.
small amount of the spill soaked into the ground.
Water got absorbed into the dirt

Water got absorbed into the planter strip
spill absorbed into dirt area. disenfected and picked up solids.

absorbed into the ground.

approx. 1 gallon absorbed into unpaved area
1 gallon absorbed into unpaved area

Approx. 5 gallons absorbed into unpaved area.
Backyard of private property. Recovered 50 gallons. Aprox. 10 gal. absorbed into dirt.
Bathroom within private residence.
overflow was vacuumed, area cleanded and disinfected
one gallon absorb into the ground

1/7/2008 9:30	1/7/2008 9:30	1/7/2008 9:42	1/7/2008 10:07
1/8/2008 8:00	1/8/2008 8:00	1/8/2008 8:10	1/8/2008 8:15
1/17/2008 12:25	1/17/2008 12:25	1/17/2008 12:40	1/17/2008 13:00
1/21/2008 12:37	1/21/2008 12:37	1/21/2008 12:54	1/21/2008 13:15
1/17/2008 9:16	1/17/2008 9:16	1/17/2008 9:27	1/17/2008 9:50
1/17/2008 7:30	1/17/2008 7:32	1/17/2008 7:47	1/17/2008 8:00
1/18/2008 9:00	1/18/2008 9:04	1/18/2008 9:24	1/18/2008 10:00
1/18/2008 10:00	1/18/2008 10:04	1/18/2008 10:18	1/18/2008 10:30
1/19/2008 10:30	1/19/2008 10:30	1/19/2008 10:45	1/19/2008 11:15
1/24/2008 17:45	1/24/2008 17:45	1/24/2008 18:00	1/24/2008 18:45
1/25/2008 8:10	1/25/2008 8:10	1/25/2008 8:20	1/25/2008 9:00
1/26/2008 14:15	1/26/2008 14:15	1/26/2008 14:25	1/26/2008 14:40
1/27/2008 15:50	1/27/2008 15:50	1/27/2008 16:10	1/27/2008 16:10
2/1/2008 9:17	2/1/2008 9:17	2/1/2008 9:30	2/1/2008 9:45
2/1/2008 13:13	2/1/2008 13:12	2/1/2008 13:20	2/1/2008 13:45
2/2/2008 17:12	2/2/2008 17:12	2/2/2008 17:25	2/2/2008 17:35
2/3/2008 14:33	2/3/2008 14:33	2/3/2008 14:47	2/3/2008 15:30
2/9/2008 12:45	2/9/2008 12:45	2/9/2008 13:00	2/9/2008 13:20
2/12/2008 7:24	2/12/2008 7:24	2/12/2008 7:35	2/12/2008 7:45
2/12/2008 15:00	2/12/2008 15:02	2/12/2008 15:10	2/12/2008 15:32
2/14/2008 12:25	2/14/2008 12:25	2/14/2008 12:55	2/14/2008 13:25
2/20/2008 20:22	2/20/2008 20:22	2/20/2008 20:40	2/20/2008 22:30
2/21/2008 8:18	2/21/2008 8:18	2/21/2008 8:23	2/21/2008 8:50
2/22/2008 13:15	2/22/2008 13:15	2/22/2008 13:30	2/22/2008 14:00
2/23/2008 10:14	2/23/2008 10:14	2/23/2008 10:33	2/23/2008 11:00
2/24/2008 16:04	2/24/2008 16:04	2/24/2008 16:17	2/24/2008 16:40
2/25/2008 7:29	2/25/2008 7:29	2/25/2008 7:49	2/25/2008 8:20
2/28/2008 9:47	2/28/2008 9:47	2/28/2008 9:58	2/28/2008 10:07
2/29/2008 17:15	2/29/2008 17:15	2/29/2008 17:45	2/29/2008 18:15
3/3/2008 16:40	3/3/2008 16:40	3/3/2008 17:00	3/3/2008 17:15
3/3/2008 12:38	3/3/2008 12:38	3/3/2008 12:42	3/3/2008 12:58
3/3/2008 13:00	3/3/2008 13:02	3/3/2008 13:14	3/3/2008 13:50
3/6/2008 14:24	3/6/2008 14:24	3/6/2008 14:28	3/6/2008 14:40
3/12/2008 9:10	3/12/2008 9:10	3/12/2008 9:20	3/12/2008 10:04
3/15/2008 19:00	3/15/2008 19:00	3/15/2008 19:25	3/15/2008 20:00
3/18/2008 11:36	3/18/2008 11:36	3/18/2008 11:48	3/18/2008 11:54
3/26/2008 9:29	3/26/2008 9:29	3/26/2008 9:36	3/26/2008 10:00
3/30/2008 19:20	3/30/2008 19:20	3/30/2008 19:45	3/30/2008 18:00
3/24/2008 16:40	3/24/2008 16:40	3/24/2008 17:05	3/24/2008 17:40
3/26/2008 12:28	3/26/2008 12:28	3/26/2008 12:50	3/26/2008 12:54
4/12/2008 9:30	4/12/2008 9:30	4/12/2008 9:44	4/12/2008 10:45
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4/15/2008 7:39	4/15/2008 7:39	4/15/2008 7:55	4/15/2008 8:15
4/21/2008 8:28	4/21/2008 8:28	4/21/2008 8:48	4/21/2008 8:55
4/25/2008 8:39	4/25/2008 8:39	4/25/2008 9:01	4/25/2008 9:20
6/3/2008 6:23	6/3/2008 6:23	6/3/2008 6:40	6/3/2008 6:55
6/4/2008 6:32	6/4/2008 6:32	6/4/2008 6:45	6/4/2008 6:58
7/21/2008 2:35	7/21/2008 2:35	7/21/2008 2:59	7/21/2008 3:05
7/17/2008 10:34	7/17/2008 10:34	7/17/2008 11:09	7/17/2008 11:30
7/26/2008 11:15	7/26/2008 11:15	7/26/2008 11:20	7/26/2008 11:25
7/26/2008 1:41	7/26/2008 1:41	7/26/2008 1:50	7/26/2008 2:00
8/6/2008 7:00	8/6/2008 7:00	8/6/2008 7:20	8/6/2008 8:00
8/7/2008 12:51	8/7/2008 12:51	8/7/2008 13:05	8/7/2008 13:10
8/12/2008 20:30	8/12/2008 20:30	8/12/2008 20:50	8/12/2008 21:00
8/18/2008 9:00	8/18/2008 9:00	8/18/2008 9:40	8/18/2008 9:55

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

Spill occured in a lower bathroom from a toilet seal that is lower or same level of the city cleanout. City will send a notice

Heavy paper and Rags
Heavy paper and rags

Heavy paper and rags
Heavy paper & rags
Heavy paper and rags

Offset joint
Rags and paper
Paper and rags

Flat line.

Lower Lateral
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letter to the owner to install a backlow prevente
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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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Made repair to sewer lateral.

Repaired lateral.

spill flowed back into sewer through cleanout.

Homeowner cleaned up spill.

2SSO10099	Active	726483	Jim Brown	Certified
2SSO10099	Active	726484	Jim Brown	Certified
2SSO10099	Active	726486	Jim Brown	Certified
2SSO10099	Active	728212	Jim Brown	Certified
2SSO10099	Active	728213	Jim Brown	Certified
2SSO10099	Active	728214	Jim Brown	Certified
2SSO10099	Active	728216	Jim Brown	Certified
2SSO10099	Active	729095	Jim Brown	Certified
2SSO10099	Active	729276	Jim Brown	Certified
2SSO10099	Active	729277	Jim Brown	Certified
2SSO10099	Active	729278	Jim Brown	Certified
2SSO10099	Active	729279	Jim Brown	Certified
2SSO10099	Active	729280	Jim Brown	Certified
2SSO10099	Active	729281	Jim Brown	Certified
2SSO10099	Active	731008	Jim Brown	Certified
2SSO10099	Active	731010	Jim Brown	Certified
2SSO10099	Active	731012	Jim Brown	Certified
2SSO10099	Active	731099	Jim Brown	Certified
2SSO10099	Active	731101	Jim Brown	Certified
2SSO10099	Active	731102	Jim Brown	Certified
2SSO10099	Active	731103	Jim Brown	Certified
2SSO10099	Active	732223	Jim Brown	Certified
2SSO10099	Active	732225	Jim Brown	Certified
2SSO10099	Active	732226	Jim Brown	Certified
2SSO10099	Active	732227	Jim Brown	Certified
2SSO10099	Active	733234	Jim Brown	Certified
2SSO10099	Active	733235	Vince Falzon	Certified
2SSO10099	Active	733236	Vince Falzon	Certified
2SSO10099	Active	733238	Vince Falzon	Certified
2SSO10099	Active	733239	Jim Brown	Certified
2SSO10099	Active	733240	Vince Falzon	Certified
2SSO10099	Active	733241	Vince Falzon	Certified
2SSO10099	Active	733242	Jim Brown	Certified
2SSO10099	Active	733243	Vince Falzon	Certified
2SSO10099	Active	733244	Vince Falzon	Certified
2SSO10099	Active	733554	Jim Brown	Certified
2SSO10099	Active	734822	Vince Falzon	Certified
2SSO10099	Active	734823	Vince Falzon	Certified
2SSO10099	Active	734824	Vince Falzon	Certified
2SSO10099	Active	736362	Vince Falzon	Certified
2SSO10099	Active	736364	Jim Brown	Certified
2SSO10099	Active	736366	Vince Falzon	Certified
2SSO10099	Active	736367	Vince Falzon	Certified
2SSO10099	Active	736369	Vince Falzon	Certified
2SSO10099	Active	737742	Vince Falzon	Certified
2SSO10099	Active	737745	Jim Brown	Certified
2SSO10099	Active	737754	Vince Falzon	Certified
2SSO10099	Active	737763	Jim Brown	Certified
2SSO10099	Active	739834	Vince Falzon	Certified
2SSO10099	Active	741160	Jim Brown	Certified
2SSO10099	Active	741162	Vince Falzon	Certified
2SSO10099	Active	741163	Jim Brown	Certified
2SSO10099	Active	741164	Vince Falzon	Certified
2SSO10099	Active	741165	Vince Falzon	Certified
2SSO10099	Active	741166	Vince Falzon	Certified

Supervisor
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City of Burlingame	325407
City of Burlingame	626824
City of Burlingame	443378
City of Burlingame	250377
City of Burlingame	353443
City of Burlingame	473856
City of Burlingame	183242
City of Burlingame	980302
City of Burlingame	897237
City of Burlingame	602461
City of Burlingame	785856
City of Burlingame	281224
City of Burlingame	965483
City of Burlingame	931672
City of Burlingame	961375
City of Burlingame	306576
City of Burlingame	272094
City of Burlingame	468696
City of Burlingame	492014
City of Burlingame	160316
City of Burlingame	685626
City of Burlingame	518528
City of Burlingame	527091
City of Burlingame	303552
City of Burlingame	413480
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Burlingame	194555
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Burlingame	525131
City of Burlingame	980581
Burlingame	219119
Burlingame	368288
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Burlingame	659954
Burlingame	743766
City of Burlingame	222131
Burlingame	472947
Burlingame	236023
Burlingame	629230
Burlingame	509962
City of Burlingame	837549
Burlingame	821105
Burlingame	153252
Burlingame	192032
Burlingame	497575
City of Burlingame	340597
Burlingame	533208
City of Burlingame	790717
Burlingame	666466
City of Burlingame	547298
Burlingame	987119
City of Burlingame	184623
Burlingame	353937
Burlingame	984501
Burlingame	444422

17-Sep-08		25-Sep-08	2/25/2009
17-Sep-08		25-Sep-08	2/13/2011
17-Sep-08		25-Sep-08	2/13/2011
21-Oct-08		21-Oct-08	2/13/2011
21-Oct-08		21-Oct-08	2/13/2011
21-Oct-08		21-Oct-08	2/13/2011
21-Oct-08		21-Oct-08	10/21/2008
8-Nov-08		14-Nov-08	11/14/2008
14-Nov-08		14-Nov-08	2/13/2011
14-Nov-08		14-Nov-08	2/13/2011
14-Nov-08		14-Nov-08	2/13/2011
14-Nov-08		14-Nov-08	11/14/2008
14-Nov-08		14-Nov-08	2/24/2011
14-Nov-08		14-Nov-08	11/14/2008
23-Dec-08		23-Dec-08	2/13/2011
23-Dec-08		23-Dec-08	2/13/2011
23-Dec-08		23-Dec-08	2/13/2011
26-Dec-08		26-Dec-08	2/13/2011
26-Dec-08		26-Dec-08	2/13/2011
26-Dec-08		26-Dec-08	2/13/2011
26-Dec-08		26-Dec-08	2/13/2011
21-Jan-09		21-Jan-09	2/13/2011
21-Jan-09		21-Jan-09	2/13/2011
21-Jan-09		21-Jan-09	2/13/2011
21-Jan-09		21-Jan-09	2/13/2011
8-Feb-09		8-Feb-09	2/8/2009
8-Feb-09		8-Feb-09	2/15/2011
8-Feb-09		8-Feb-09	2/15/2011
8-Feb-09		8-Feb-09	2/15/2011
8-Feb-09		8-Feb-09	2/8/2009
8-Feb-09		8-Feb-09	2/15/2011
8-Feb-09		8-Feb-09	2/15/2011
8-Feb-09		8-Feb-09	2/8/2009
8-Feb-09		8-Feb-09	2/15/2011
8-Feb-09		8-Feb-09	2/15/2011
15-Feb-09		15-Feb-09	1/29/2011
11-Mar-09		11-Mar-09	2/15/2011
11-Mar-09		11-Mar-09	2/15/2011
11-Mar-09		11-Mar-09	2/15/2011
15-Apr-09		15-Apr-09	2/15/2011
15-Apr-09		15-Apr-09	4/15/2009
15-Apr-09		15-Apr-09	2/15/2011
15-Apr-09		15-Apr-09	2/15/2011
15-Apr-09		15-Apr-09	2/15/2011
21-May-09		21-May-09	2/15/2011
21-May-09		21-May-09	5/21/2009
21-May-09		21-May-09	2/15/2011
21-May-09		21-May-09	5/21/2009
23-Jun-09		29-Jun-09	2/15/2011
15-Jul-09		15-Jul-09	7/15/2009
15-Jul-09		15-Jul-09	2/15/2011
15-Jul-09		15-Jul-09	7/15/2009
15-Jul-09		15-Jul-09	2/15/2011
15-Jul-09		15-Jul-09	2/15/2011
15-Jul-09		15-Jul-09	2/15/2011

Category 3	20	19
Category 3	5	4
Category 3	5	0
Category 3	5	4
Category 3	5	4
Category 3	3	2
Category 3	5	5
Category 3	50	50
Category 3	5	4
Category 3	3	2
Category 3	10	5
Category 3	5	4
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Category 3	3	2
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Category 3	3	3
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Category 3	4	4
Category 3	6	6
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Category 3	5	4
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Category 3	2	2
Category 3	25	25
Category 3	1	0
Category 3	3	1
Category 3	5	4
Category 3	20	19
Category 3	5	0
Category 3	15	14
Category 3	15	15
Category 3	10	9
Category 3	10	0
Category 1	100	35
Category 3	20	20
Category 3	2	2
Category 3	15	15
Category 3	5	2
Category 3	30	30
Category 3	20	20
Category 3	5	5
Category 3	10	10
Category 3	5	4
Category 3	150	150
Category 3	15	15
Category 3	50	50
Category 3	25	25
Category 3	20	5
Category 3	5	5
Category 3	10	10
Category 3	1	1
Category 3	5	4
Category 3	10	10

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65	Yes	Yes
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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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1860 Ogden Drive
1129 Rhinett Ave.
3 El Quanito Way
2610 Martinez Drive
1601 Chapin Ave
1600 Carmelita Ave.
1237 Vancouver Ave.
330 Lexington Way
1008 Drake Ave.
1820 Adeline Dr.
2731 Summit Drive
Bayside Park restrooms
1008 Drake Ave.
918 Capuchino Ave.
1220 Donnely Ave.
612 Vernon Ave.
835 Rollins Road
101 Howard Ave.
409 Dwight Road
1333 Laguna Ave
510 Pennisula Drive
1000 Larksur Ave.
733 Plymouth Ave.
840 Linden Ave.
391 Lexington Ave.
215 Anita Road
850 Burlingame Ave.
1315 Sanchez Ave.
21 Ray Ct.
2800 Easton Drive
3052 Hillside Drive
115 Bloomfeild Road
840 Hinckley Road
1277 El Camino Real
1226 Paloma Ave.
2818 Easton Drive
1304 Burlingame Ave.
2721 Burlingveiw Drive
828 Acacia Drive
220 Victoria Road
705 Plymouth Way
1310 Bayshore Highway
835 Rollins Road
1477 Chapin Ave.
500 El camino Real
2116 Easton Drive
1325 Carmelita Ave.
1133 El Camino Real
821 El Camino Real
877 California Drive
5 Toledo Court
705 Plymouth Way
24 Arundel Road
1209 Cortez Ave.
1201 Cabrillo Ave.

37.593333	122.386667	San Mateo
37.586944	-122.365	San Mateo
37.574722	-122.386667	San Mateo
37.586944	-122.389167	San Mateo
37.575	-122.351389	San Mateo
37.582778	-122.364444	San Mateo
37.580556	122.370556	San Mateo
37.585556	122.33917	San Mateo
37.579722	-122.365556	San Mateo
37.586389	-122.377222	San Mateo
37.573611	-122.385833	San Mateo
37.591111	122.358056	San Mateo
37.58006	-122.36561	San Mateo
37.634444	122.448333	San Mateo
37.576389	-122.3475	San Mateo
37.584444	-122.340833	San Mateo
37.586667	-122.351389	San Mateo
37.584722	-122.334444	San Mateo
37.585	-122.340556	San Mateo
37.601667	-122.374444	San Mateo
37.58	-122.334722	San Mateo
37.585833	-122.354444	San Mateo
37.584167	-122.344167	San Mateo
37.584167	-122.353333	San Mateo
37.585278	-122.340833	San Mateo
37.58	122.341389	San Mateo
37.581944	-122.341944	San Mateo
37.583611	-122.360833	San Mateo
37.586944	-122.384167	San Mateo
37.577778	122.378056	San Mateo
37.576111	-122.392222	San Mateo
37.580833	-122.338333	San Mateo
37.597778	122.368611	San Mateo
37.585833	-122.369167	San Mateo
37.586111	-122.366111	San Mateo
37.577778	-122.378056	San Mateo
37.578333	-122.347222	San Mateo
37.581944	-122.357222	San Mateo
37.581944	-122.357222	San Mateo
37.585556	-122.335	San Mateo
37.584722	-122.343333	San Mateo
37.593889	-122.364167	San Mateo
37.586667	-122.351111	San Mateo
37.589722	-122.366944	San Mateo
37.577222	-122.3525	San Mateo
37.580833	-122.372778	San Mateo
37.584167	-122.363056	San Mateo
37.583611	-122.365278	San Mateo
37.569444	-122.36	San Mateo
37.584722	-122.356944	San Mateo
37.583333	-122.388333	San Mateo
37.584722	-122.334722	San Mateo
37.578889	-122.338056	San Mateo
37.583056	-122.368056	San Mateo
37.581667	-122.368333	San Mateo

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ED_006495_00001076-00970

The City provides courtesy service to The lower portion of the sewer lateral of our residents/customers pursuant to a cour

t ordered Consent Decree dated Octobe

Manhole
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Partial blockage from roots causing a minor overflow.
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Unpaved surface
Unpaved surface
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Street/curb and gutter
Unpaved surface
Unpaved surface
Street/curb and gutter
Storm drain;Street/curb and gutter
Street/curb and gutter
Street/curb and gutter
Street/curb and gutter
Other paved surface
Street/curb and gutter
Street/curb and gutter
Street/curb and gutter
Surface water
Separate storm drain;Street/curb and gutter
Street/curb and gutter
Unpaved surface
Unpaved surface
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Unpaved surface
Separate storm drain
Street/curb and gutter
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Unpaved surface
Street/curb and gutter
Separate storm drain;Street/curb and gutter
Street/curb and gutter
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Storm drain;Street/curb and gutter
Unpaved surface
Street/curb and gutter
Street/curb and gutter
Unpaved surface
Street/curb and gutter
Street/curb and gutter
Unpaved surface
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Unpaved surface

1 gallon absorbed into ground
vacumed overflow and one gallon absorbed into ground
water absorbed into ground
1 gallon absorbed into ground.
Aprox. 1 gallon absorbed into planter strip.(dirt area)
1 absorbed into planter strip. (dirt area)

Crews were able to plug storm drain and capture all of spill.
spill contained to low spot in gutter.
Spill contained to low spot gutter.
Diked gutter. Washdown and disenfected street and gutter area.
spill contained to area around manhole. returned spill to system through manhole.
Spill contained to low spot in gutter.

spill contained to low spot in gutter.
Spill contained to low spot in gutter.
Storm catch basin full of debris. Spill (3 gallons) reached catch basin. Crews vacuumed and washdown catch basin and g

low spot in gutter.
Planter strip area between curb and sidewalk.
low spot in gutter.
Planter strip between curb and sidewalk.

Planter strip between curb and sidewalk.
planter strip area between curb and sidewalk. Approx. 2 gallons absorbed into ground.
Planter strip area between curb and sidewalk.
Diked gutter. Contained spill. Approx. 1 gllon absorbed into ground.
Planter strip between curb and sidewalk.
low spot in gutter. Approx. 1 gallon absorbed into ground.
Diked gutter. Contained spill.

Approx. 10 gallons absorbed into ground. cleaned up solids and paper.
The gutter was blocked, solids captured and area cleaned. We are experiencing heavy rains in the area and at the time t
low spot in gutter
low spot in gutter

Planter area between curb and sidewalk.
Spill contained to low spot in gutter.
Plugged storm drain and washdowned area, vaccuming spill and returning to sanitary sewer.
Spill contained to low spot in gutter.
Blocked catch basin before spill entered.
low spot in gutter.
Blocked/plugged Storm Drain. Washed down affected area to blocked storm drain and retreived spill with vacuum truck.

spill contained to gutter area.

unpaved easement area

planter area between sidewalk and curb.

9/15/2008 8:50	9/15/2008 8:50	9/15/2008 9:25	9/15/2008 9:45
9/16/2008 10:05	9/16/2008 10:05	9/16/2008 10:26	9/16/2008 10:35
9/16/2008 13:33	9/16/2008 13:33	9/16/2008 13:45	9/16/2008 13:55
9/18/2008 8:55	9/18/2008 8:55	9/18/2008 9:25	9/18/2008 9:35
9/22/2008 8:20	9/22/2008 8:20	9/22/2008 8:30	9/22/2008 8:35
9/24/2008 9:00	9/24/2008 9:00	9/24/2008 9:15	9/24/2008 9:20
9/29/2008 8:28	9/29/2008 8:28	9/29/2008 8:38	9/29/2008 8:46
10/17/2008 8:15	10/17/2008 8:15	10/17/2008 8:30	10/17/2008 8:45
10/10/2008 4:53	10/10/2008 4:53	10/10/2008 5:10	10/10/2008 6:15
10/10/2008 9:05	10/10/2008 9:05	10/10/2008 9:15	10/10/2008 9:25
10/10/2008 1:06	10/10/2008 1:06	10/10/2008 1:15	10/10/2008 2:30
10/11/2008 12:46	10/11/2008 12:46	10/11/2008 13:00	10/11/2008 13:30
10/20/2008 6:42	10/20/2008 6:42	10/20/2008 7:00	10/20/2008 7:15
10/7/2008 8:23	10/7/2008 8:23	10/7/2008 8:33	10/7/2008 8:40
11/7/2008 9:25	11/7/2008 9:25	11/7/2008 9:30	11/7/2008 9:33
11/20/2008 9:48	11/20/2008 9:48	11/20/2008 10:05	11/20/2008 10:20
11/19/2008 7:28	11/19/2008 7:28	11/19/2008 7:40	11/19/2008 8:45
11/19/2008 13:41	11/19/2008 13:41	11/19/2008 13:53	11/19/2008 14:06
11/24/2008 10:29	11/24/2008 10:29	11/24/2008 10:36	11/24/2008 10:45
11/24/2008 16:56	11/24/2008 16:56	11/24/2008 17:15	11/24/2008 17:35
11/29/2008 10:14	11/29/2008 10:14	11/29/2008 10:24	11/29/2008 10:34
12/5/2008 14:17	12/5/2008 14:17	12/5/2008 14:21	12/5/2008 14:29
12/14/2008 0:00	12/14/2008 0:00	12/14/2008 0:00	12/14/2008 0:00
12/18/2008 7:44	12/18/2008 7:44	12/18/2008 8:15	12/18/2008 8:25
12/31/2008 15:10	12/31/2008 15:10	12/31/2008 15:30	12/31/2008 16:20
1/25/2009 10:45	1/25/2009 10:45	1/25/2009 11:00	1/25/2009 11:20
1/6/2009 15:05	1/6/2009 15:05	1/6/2009 15:15	1/6/2009 15:25
1/7/2009 14:02	1/7/2009 14:02	1/7/2009 14:07	1/7/2009 14:15
1/12/2009 11:24	1/12/2009 11:24	1/12/2009 11:37	1/12/2009 11:45
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3/18/2009 8:19	3/18/2009 8:19	3/18/2009 8:28	3/18/2009 8:45
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5/17/2009 14:00	5/17/2009 14:00	5/17/2009 14:15	5/17/2009 14:45
6/24/2009 14:14	6/24/2009 14:14	6/24/2009 14:20	6/24/2009 14:45
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7/6/2009 14:27	7/6/2009 14:27	7/6/2009 14:43	7/6/2009 14:55
7/7/2009 13:43	7/7/2009 13:43	7/7/2009 13:51	7/7/2009 14:00
7/7/2009 14:13	7/7/2009 14:13	7/7/2009 14:15	7/7/2009 14:35

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

Paper and rags
Paper and rags
Paper/rags

Stoppage caused by excessive paper.
Paper/rags

Paper/rags
Paper/rags
Paper-Rags
Paper/Rags
Paper/Rags

Paper blockage.
Heavy paper.

paper

paper blockage

paper blockage

sag/belly in lateral

Paper blockage.

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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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City crews were able to plug storm drain at catch basin and recover all of spill and clean catch basin.

Crews blocked gutter and contained all solids from entering into storm drain catch basin.

2/15/2009 10:04

Plan rehabilitation or replacement of sewer

No

None

No

NA

N/A
N/A
N/A

N/A
N/A

N/A
N/A
Unnamed Channel
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N/A
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N/A

Not applicable to this spill

None of the above

91287 2/15/2009 11:40

2SSO10099	Active	743689	Vince Falzon	Certified
2SSO10099	Active	743693	Vince Falzon	Certified
2SSO10099	Active	743694	Vince Falzon	Certified
2SSO10099	Active	743695	Vince Falzon	Certified
2SSO10099	Active	744662	Vince Falzon	Certified
2SSO10099	Active	744663	Vince Falzon	Certified
2SSO10099	Active	744664	Vince Falzon	Certified
2SSO10099	Active	746039	Vince Falzon	Certified
2SSO10099	Active	746040	Vince Falzon	Certified
2SSO10099	Active	746041	Vince Falzon	Certified
2SSO10099	Active	746042	Vince Falzon	Certified
2SSO10099	Active	746043	Vince Falzon	Certified
2SSO10099	Active	746044	Jim Brown	Certified
2SSO10099	Active	746045	Jim Brown	Certified
2SSO10099	Active	746046	Vince Falzon	Certified
2SSO10099	Active	746047	Jim Brown	Certified
2SSO10099	Active	746048	Jim Brown	Certified
2SSO10099	Active	746884	Vince Falzon	Certified
2SSO10099	Active	746886	Vince Falzon	Certified
2SSO10099	Active	746887	Vince Falzon	Certified
2SSO10099	Active	746888	Vince Falzon	Certified
2SSO10099	Active	746889	Vince Falzon	Certified
2SSO10099	Active	746890	Jim Brown	Certified
2SSO10099	Active	746892	Vince Falzon	Certified
2SSO10099	Active	747605	Vince Falzon	Certified
2SSO10099	Active	747613	Jim Brown	Certified
2SSO10099	Active	747614	Jim Brown	Certified
2SSO10099	Active	747615	Vince Falzon	Certified
2SSO10099	Active	747617	Jim Brown	Certified
2SSO10099	Active	748323	Vince Falzon	Certified
2SSO10099	Active	748350	Vince Falzon	Certified
2SSO10099	Active	748351	Vince Falzon	Certified
2SSO10099	Active	748352	Jim Brown	Certified
2SSO10099	Active	748353	Vince Falzon	Certified
2SSO10099	Active	748355	Vince Falzon	Certified
2SSO10099	Active	748356	Vince Falzon	Certified
2SSO10099	Active	748491	Jim Brown	Certified
2SSO10099	Active	749695	Vince Fazlon	Certified
2SSO10099	Active	749698	Vince Falzon	Certified
2SSO10099	Active	749718	Vince Falzon	Certified
2SSO10099	Active	750817	Vince Falzon	Certified
2SSO10099	Active	750818	Vince Falzon	Certified
2SSO10099	Active	750819	Vince Falzon	Certified
2SSO10099	Active	750823	Vince Falzon	Certified
2SSO10099	Active	750824	Jim Brown	Certified
2SSO10099	Active	751998	Jim Brown	Certified
2SSO10099	Active	752003	Vince Falzon	Certified
2SSO10099	Active	752004	Jim Brown	Certified
2SSO10099	Active	753052	Jim Brown	Certified
2SSO10099	Active	755849	Jim Brown	Certified
2SSO10099	Active	755850	Vince Falzon	Certified
2SSO10099	Active	756880	Jim Brown	Certified
2SSO10099	Active	757995	Vince Falzon	Certified
2SSO10099	Active	757996	Jim Brown	Certified
2SSO10099	Active	757997	Vince Falzon	Certified

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Burlingame	255150
Burlingame	693127
Burlingame	243939
Burlingame	247266
Burlingame	650837
Burlingame	145515
Burlingame	994739
Burlingame	948212
Burlingame	963786
Burlingame	536858
Burlingame	748552
Burlingame	186943
City of Burlingame	721618
City of Burlingame	930281
Burlingame	179811
City of Burlingame	100470
City of Burlingame	623387
Burlingame	139952
Burlingame	487267
Burlingame	963475
Burlingame	622212
Burlingame	116209
City of Burlingame	392866
Burlingame	712327
Burlingame	812661
City of Burlingame	326687
City of Burlingame	254422
Burlingame	332751
City of Burlingame	867444
Burlingame	685561
Burlingame	680653
Burlingame	412996
City of Burlingame	285282
Burlingame	266863
Burlingame	985414
Burlingame	993523
City of Burlingame	512737
Burlingame	942055
Burlingame	137839
Burlingame	596135
Burlingame	202523
Burlingame	711918
Burlingame	288321
Burlingame	500126
City of Burlingame	387331
City of Burlingame	818008
Burlingame	770758
City of Burlingame	406499
City of Burlingame	657849
City of Burlingame	417324
Burlingame	962895
City of Burlingame	698401
Burlingame	618126
City of Burlingame	427929
Burlingame	706304

25-Aug-09		25-Aug-09	2/15/2011
25-Aug-09		25-Aug-09	2/15/2011
25-Aug-09		25-Aug-09	2/15/2011
25-Aug-09		25-Aug-09	2/15/2011
15-Sep-09		15-Sep-09	2/15/2011
15-Sep-09		15-Sep-09	2/15/2011
15-Sep-09		15-Sep-09	2/15/2011
24-Oct-09		24-Oct-09	2/15/2011
24-Oct-09		24-Oct-09	2/15/2011
24-Oct-09		24-Oct-09	2/15/2011
24-Oct-09		24-Oct-09	2/15/2011
24-Oct-09		24-Oct-09	2/15/2011
24-Oct-09		24-Oct-09	10/24/2009
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24-Oct-09		24-Oct-09	2/15/2011
24-Oct-09		24-Oct-09	10/24/2009
24-Oct-09		24-Oct-09	10/24/2009
19-Nov-09		19-Nov-09	2/15/2011
19-Nov-09		19-Nov-09	2/15/2011
19-Nov-09		19-Nov-09	2/15/2011
19-Nov-09		19-Nov-09	2/15/2011
19-Nov-09		19-Nov-09	2/15/2011
19-Nov-09		19-Nov-09	11/19/2009
19-Nov-09		19-Nov-09	2/15/2011
17-Dec-09		17-Dec-09	2/15/2011
17-Dec-09		17-Dec-09	12/17/2009
17-Dec-09		17-Dec-09	1/19/2010
17-Dec-09		17-Dec-09	2/15/2011
17-Dec-09		17-Dec-09	12/17/2009
12-Jan-10		12-Jan-10	2/15/2011
14-Jan-10		14-Jan-10	2/15/2011
14-Jan-10		14-Jan-10	2/15/2011
14-Jan-10		14-Jan-10	1/14/2010
14-Jan-10		14-Jan-10	2/15/2011
14-Jan-10		14-Jan-10	2/15/2011
14-Jan-10		14-Jan-10	2/15/2011
20-Jan-10		20-Jan-10	1/29/2011
23-Feb-10		23-Feb-10	2/10/2011
23-Feb-10		23-Feb-10	2/10/2011
23-Feb-10		23-Feb-10	2/10/2011
21-Mar-10		21-Mar-10	2/10/2011
21-Mar-10		22-Mar-10	2/10/2011
21-Mar-10		21-Mar-10	2/10/2011
22-Mar-10		22-Mar-10	2/10/2011
22-Mar-10		22-Mar-10	3/22/2010
27-Apr-10		27-Apr-10	4/27/2010
27-Apr-10		27-Apr-10	2/10/2011
27-Apr-10		27-Apr-10	4/27/2010
3-Jun-10	6/3/2010	3-Jun-10	6/3/2010
6-Aug-10	8/6/2010	6-Aug-10	8/6/2010
6-Aug-10	8/6/2010	6-Aug-10	2/10/2011
17-Sep-10	9/17/2010	17-Sep-10	9/17/2010
21-Oct-10	10/21/2010	21-Oct-10	2/10/2011
21-Oct-10	10/21/2010	21-Oct-10	10/21/2010
21-Oct-10	10/21/2010	21-Oct-10	2/10/2011

Category 3	1	1
Category 3	10	5
Category 3	5	5
Category 3	2	1
Category 3	3	2
Category 3	3	2
Category 3	2	2
Category 3	2	1
Category 3	3	2
Category 3	15	15
Category 3	3	1
Category 3	3	2
Category 3	4	4
Category 3	2	0
Category 3	15	15
Category 3	3	0
Category 3	20	20
Category 3	15	15
Category 3	10	10
Category 3	1	1
Category 3	10	10
Category 3	35	30
Category 3	10	10
Category 3	30	29
Category 3	10	9
Category 3	10	5
Category 3	50	20
Category 3	20	20
Category 3	30	30
Category 3	4	3
Category 3	2	1
Category 3	3	2
Category 3	20	10
Category 3	15	14
Category 3	2	1
Category 3	2	1
Category 1	400	125
Category 3	5	0
Category 3	5	4
Category 3	2	1
Category 3	5	5
Category 3	5	4
Category 3	5	4
Category 3	30	30
Category 3	20	15
Category 3	45	45
Category 3	3	2
Category 3	75	75
Category 3	10	5
Category 3	25	25
Category 3	5	4
Category 3	12	10
Category 3	5	5
Category 3	5	5
Category 3	5	5

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Not Applicable - Spill did not reach a separate storm drainpipe
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1766 El Camino Real
809 California Drive
821 Paloma Ave.
1300 Sanchez Ave.
1504 Highway Road
129 Humboldt Road
725 Acacia Drive
1624 Quesada Way
750 El Camino Real
1336 Paloma Ave.
1444 Cortez Ave.
206 Peninsula Ave.
914 Capuchino Ave.
2744 Summit
1445 Cabrillo
1445 Cabrillo Ave.
2 La Mesa Ct.
1277 El Camino Real
512 Burlingame Ave.
1309 Sanchez Ave.
305 Dwight Road
840 Stanton Road
891 California Drive
2731 Summit Drive
806 Morrell Ave.
2704 Summit Drive
16 Kenmar Way
560 El Camino Real
1801 Carmelita Ave.
2990 Dolores Way
142 Channing Ave.
802 Morrell Ave.
777 Burlway Rd.
239 Anita Road
1430 Palm Drive
1872 Rollins Road
1733 California Drive
1401 Balboa
7 Toledo Ct.
7 Belvedere Ct.
2651 Summit Drive
225 Victoria Road
6 Castro Ct.
300 Pennisula
708 Crossway
2 Bayswater Ave.
1381 DeSoto Drive
531 Oak Grove Ave.
780 Willborough Place
3048 Atwater Drive
115 Lorton Ave
1312 Marsten Road
820 Laurel Ave.
850 Burlingame Ave.
1355 Paloma Ave.

37.584444	-122.3825	San Mateo
37.583333	-122.354167	San Mateo
37.581667	-122.358056	San Mateo
37.584167	-122.360556	San Mateo
37.589444	-122.374444	San Mateo
37.585	-122.333056	San Mateo
37.580556	-122.355556	San Mateo
37.587778	-122.383889	San Mateo
37.57993	-122.35798	San Mateo
37.5875	-122.368056	San Mateo
37.586944	-122.374722	San Mateo
37.581667	-122.3325	San Mateo
37.5825	-122.36	San Mateo
37.573333	-122.386389	San Mateo
37.586667	-122.376944	San Mateo
37.586389	-122.377222	San Mateo
37.577778	-122.393611	San Mateo
37.585833	-122.369167	San Mateo
37.579444	-122.369722	San Mateo
37.584167	-122.360556	San Mateo
37.584167	-122.338889	San Mateo
37.599444	-122.37	San Mateo
37.584167	-122.357778	San Mateo
37.573889	-122.385833	San Mateo
37.586111	-122.352222	San Mateo
37.574722	-122.385556	San Mateo
37.576667	-122.383333	San Mateo
37.576389	-122.352778	San Mateo
37.580556	-122.365833	San Mateo
37.582778	-122.40025	San Mateo
37.583889	-122.335556	San Mateo
37.586389	-122.351944	San Mateo
37.596667	-122.365	San Mateo
37.581111	-122.342222	San Mateo
37.580556	-122.358889	San Mateo
37.598889	-122.381667	San Mateo
37.595131	-122.380142	San Mateo
37.586111	-122.372778	San Mateo
37.583611	-122.388611	San Mateo
37.575833	-122.381944	San Mateo
37.573889	-122.384444	San Mateo
37.585833	-122.335278	San Mateo
37.585833	-122.388611	San Mateo
37.581389	-122.333333	San Mateo
37.581389	-122.353056	San Mateo
37.584444	-122.332222	San Mateo
37.582222	-122.375556	San Mateo
37.585278	-122.346111	San Mateo
37.5825	-122.353611	San Mateo
37.530833	-122.397222	San Mateo
37.576944	-122.343611	San Mateo
37.589722	-122.364444	San Mateo
37.585278	-122.351944	San Mateo
37.581389	-122.375833	San Mateo
37.588333	-122.371111	San Mateo

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manhole in roadway

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

4 sewer cleanout
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Manhole in easement area.
4 sewer cleanout.
6 Lamphole.

4' sewer cleanout.
4 sewer cleanout.
4 sewer cleanout.
4 sewer cleanout.
4 sewer cleanout.
4 sewer cleanout
4 sewer cleanout
4 sewer cleanout
below grade bathroom.

6 sewer clean out

4 sewer cleanout.
4 sewer cleanout.
4 sewer cleanout.
floor drain in building
4 sewer cleanout.
4 sewer cleanout.
4 sewer cleanout.

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

planter strip area between curb and sidewalk.
planter area between curb and sidewalk.

planter area between curb and sidewalk.
low spot in gutter.
planter strip area between curb and sidewalk.
low spot in gutter.
planter strip area between curb and sidewalk. Approx. 1 galllon absorbed into ground.
low spot in gutter.
overflow occured in area where a private storm drain exist. The storm drain is illegally hooked up to the sanitary sewer re

Planter strip area between curb and sidewalk.
spill contained to curb and gutter.
Approx. 2 gallons absorbed into dirt area.
easement area.
Easement area.
Spill contained to dirt area.

Low spot in gutter.
low spot in gutter.
low spot in gutter.

low spot in gutter and planter area between curb and sidewalk.

overflow in downstairs bathroom.

gutter full of leaves.

spill contained within building

Spill entered a storm drain catch basin
Dirt easement area, spill was absorbed into ground.

Spill contained to low spot in gutter.

Spill contained to planter strip and gutter area.

low spot in gutter.
low cleanout in dirt area. when relieved, overflow reurned to system through low cleanout.

7/17/2009 17:10	7/17/2009 17:10	7/17/2009 17:32	7/17/2009 18:10
7/20/2009 12:16	7/20/2009 12:16	7/20/2009 12:27	7/20/2009 12:45
7/30/2009 18:50	7/30/2009 18:50	7/30/2009 19:15	7/30/2009 20:00
8/4/2009 15:57	8/4/2009 15:57	8/4/2009 16:10	8/4/2009 16:20
8/24/2009 9:50	8/24/2009 9:50	8/24/2009 9:57	8/24/2009 10:10
8/25/2009 10:00	8/25/2009 10:00	8/25/2009 10:15	8/25/2009 10:25
8/25/2009 20:13	8/25/2009 20:13	8/25/2009 20:46	8/25/2009 20:56
9/8/2009 14:42	9/8/2009 14:42	9/8/2009 14:53	9/8/2009 14:59
9/15/2009 8:08	9/15/2009 8:08	9/15/2009 8:15	9/15/2009 8:23
9/18/2009 13:15	9/18/2009 13:15	9/18/2009 13:30	9/18/2009 15:00
9/21/2009 9:29	9/21/2009 9:29	9/21/2009 9:35	9/21/2009 10:00
9/23/2009 7:49	9/23/2009 7:49	9/23/2009 8:00	9/23/2009 8:15
9/28/2009 11:45	9/28/2009 11:45	9/28/2009 11:55	9/28/2009 12:15
10/8/2009 11:39	10/8/2009 11:39	10/8/2009 11:49	10/8/2009 12:30
10/9/2009 17:14	10/9/2009 17:14	10/9/2009 18:00	10/9/2009 18:20
10/9/2009 12:55	10/9/2009 12:55	10/9/2009 13:10	10/9/2009 14:00
10/10/2009 18:30	10/10/2009 18:30	10/10/2009 18:45	10/10/2009 21:00
10/18/2009 11:50	10/18/2009 11:50	10/18/2009 12:00	10/18/2009 12:15
10/25/2009 13:05	10/25/2009 13:05	10/25/2009 13:14	10/25/2009 13:30
10/31/2009 7:37	10/31/2009 7:37	10/31/2009 7:49	10/31/2009 7:58
11/2/2009 16:41	11/2/2009 16:41	11/2/2009 16:50	11/2/2009 16:55
11/10/2009 10:27	11/10/2009 10:27	11/10/2009 10:41	11/10/2009 10:56
11/14/2009 12:55	11/14/2009 12:55	11/14/2009 13:05	11/14/2009 14:30
11/16/2009 10:21	11/16/2009 10:21	11/16/2009 10:42	11/16/2009 10:55
11/18/2009 12:00	11/18/2009 12:00	11/18/2009 12:08	11/18/2009 12:18
11/24/2009 8:30	11/24/2009 8:30	11/24/2009 8:50	11/24/2009 10:00
11/26/2009 9:18	11/26/2009 9:18	11/26/2009 9:30	11/26/2009 10:00
11/28/2009 12:30	11/28/2009 12:30	11/28/2009 16:55	11/28/2009 17:15
11/30/2009 7:54	11/30/2009 7:54	11/30/2009 8:15	11/30/2009 8:30
12/18/2009 11:10	12/18/2009 11:10	12/18/2009 11:16	12/18/2009 11:37
12/21/2009 7:17	12/21/2009 7:17	12/21/2009 7:26	12/21/2009 7:35
12/21/2009 12:00	12/21/2009 12:00	12/21/2009 12:12	12/21/2009 12:23
12/23/2009 9:30	12/23/2009 9:30	12/23/2009 10:00	12/23/2009 10:15
12/23/2009 20:54	12/23/2009 20:54	12/23/2009 21:15	12/23/2009 21:35
12/28/2009 21:37	12/28/2009 21:37	12/28/2009 21:53	12/28/2009 22:01
12/29/2009 11:40	12/29/2009 11:40	12/29/2009 11:47	12/29/2009 12:03
1/20/2010 9:30	1/20/2010 11:00	1/20/2010 9:30	1/20/2010 11:00
1/11/2010 11:06	1/11/2010 11:06	1/11/2010 11:19	1/11/2010 11:30
1/19/2010 9:15	1/19/2010 9:15	1/19/2010 9:45	1/19/2010 9:55
1/23/2010 10:27	1/23/2010 10:27	1/23/2010 10:40	1/23/2010 10:55
2/8/2010 8:40	2/8/2010 8:40	2/8/2010 9:15	2/8/2010 9:20
2/18/2010 13:45	2/18/2010 13:45	2/18/2010 13:59	2/18/2010 14:06
2/9/2010 8:36	2/9/2010 8:36	2/9/2010 8:47	2/9/2010 8:55
2/24/2010 16:25	2/24/2010 16:25	2/24/2010 16:41	2/24/2010 17:10
3/2/2010 12:11	3/2/2010 12:11	3/2/2010 12:30	3/2/2010 15:02
3/18/2010 10:41	3/18/2010 10:41	3/18/2010 12:04	3/18/2010 12:58
4/8/2010 18:25	4/8/2010 18:25	4/8/2010 18:40	4/8/2010 19:15
4/21/2010 8:00	4/21/2010 8:00	4/21/2010 8:15	4/21/2010 9:00
5/29/2010 10:41	5/29/2010 10:41	5/29/2010 10:51	5/29/2010 11:15
7/5/2010 12:52	7/5/2010 12:52	7/5/2010 13:14	7/5/2010 13:45
7/20/2010 12:01	7/20/2010 12:01	7/20/2010 12:08	7/20/2010 13:02
8/19/2010 11:00	8/19/2010 11:00	8/19/2010 11:28	8/19/2010 11:30
9/8/2010 12:11	9/8/2010 12:11	9/8/2010 12:15	9/8/2010 12:30
9/13/2010 8:56	9/13/2010 8:56	9/13/2010 9:17	9/13/2010 9:30
9/24/2010 8:37	9/24/2010 8:37	9/24/2010 9:06	9/24/2010 9:06

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

Paper.

Spill occured due to the heavy rain downpour we experienced today that overwhelmed the system.

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

Cleaned up solids and paper. Most of overflow absorbed into ground.
Dispatch paged duty man at 12:30 pm. Paqger malfunction. Duty man did not receive call until 4:50 pm.

Informed property manager to call restoration company.

1/20/2010 11:00

Other (specify below)

Spill was due to the heavy rains and infilltration.

No

None

No

NA

N/A
N/A
N/A
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Unnamed Channel
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N/A
N/A
N/A
N/A

N/A

N/A
none
none
none
none

No water quality samples taken

None of the above

100486 1/20/2010 14:40

2SSO10099	Active	758980	Vince Falzon	Certified
2SSO10099	Active	758981	Vince Falzon	Certified
2SSO10099	Active	758982	Vince Falzon	Certified
2SSO10099	Active	758983	Jim Brown	Certified
2SSO10099	Active	758984	Jim Brown	Certified
2SSO10099	Active	758986	Vince Falzon	Certified
2SSO10099	Active	758987	Jim Brown	Certified
2SSO10099	Active	758988	Jim Brown	Certified
2SSO10099	Active	759658	Vincent Falzon	Certified
2SSO10099	Active	763999	Jim Brown	Certified
2SSO10099	Active	764001	Jim Brown	Certified
2SSO10099	Active	764002	Jim Brown	Certified
2SSO10099	Active	764003	Jim Brown	Certified
2SSO10099	Active	764005	Jim Brown	Certified
2SSO10099	Active	764793	Vince Falzon	Certified
2SSO10099	Active	764795	Vince Falzon	Certified
2SSO10099	Active	765247	Jim Brown	Certified
2SSO10099	Active	765258	Jim Brown	Certified
2SSO10099	Active	765261	Jim Brown	Certified
2SSO10099	Active	768155	Jim Brown	Certified
2SSO10099	Active	768156	Jim Brown	Certified
2SSO10099	Active	768159	Jim Brown	Certified
2SSO10099	Active	768160	Jim Brown	Certified
2SSO10099	Active	770657	Jim Brown	Certified
2SSO10099	Active	771687	Jim Brown	Certified
2SSO10099	Active	771688	Jim Brown	Certified
2SSO10099	Active	771689	Jim Brown	Certified
2SSO10099	Active	771690	Jim Brown	Certified
2SSO10099	Active	771691	Jim Brown	Certified
2SSO10099	Active	774251	Jim Brown	Certified
2SSO10099	Active	774254	Jim Brown	Certified
2SSO10099	Active	774255	Jim Brown	Certified
2SSO10099	Active	774256	Jim Brown	Certified
2SSO10099	Active	774257	Jim Brown	Certified
2SSO10099	Active	774258	Jim Brown	Certified
2SSO10099	Active	774259	Jim Brown	Certified
2SSO10099	Active	779690	Jim Brown	Certified
2SSO10099	Active	779691	Jim Brown	Certified
2SSO10099	Active	783578	Jim Brown	Certified
2SSO10099	Active	783579	Jim Brown	Certified
2SSO10099	Active	783580	JIm Brown	Certified
2SSO10099	Active	786546	Jim Brown	Certified
2SSO10099	Active	786547	Jim Brown	Certified
2SSO10099	Active	786548	Jim Brown	Certified
2SSO10099	Active	786549	Jim Brown	Certified
2SSO10099	Active	788362	Jim Brown	Certified
2SSO10099	Active	788438	Jim Brown	Certified
2SSO10099	Active	788439	Jim Brown	Certified
2SSO10099	Active	788440	Jim Brown	Certified
2SSO10099	Active	788441	Jim Brown	Certified
2SSO10099	Active	788663	Vince Falzon	Certified
2SSO10099	Active	790676	Vince Falzon	Certified
2SSO10099	Active	791754	Jim Brown	Certified
2SSO10099	Active	791755	Jim Brown	Certified
2SSO10099	Active	791756	Jim Brown	Certified

Asst. Superint.
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Asst. Superintendent
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Supervisor

Burlingame	382826
Burlingame	189782
Burlingame	160540
City of Burlingame	623821
City of Burlingame	692050
Burlingame	983284
City of Burlingame	736494
City of Burlingame	928311
Burlingame	955408
City of Burlingame	597697
City of Burlingame	690768
City of Burlingame	787689
City of Burlingame	227630
City of Burlingame	254211
Burlingame	376412
Burlingame	648429
City of Burlingame	199804
City of Burlingame	198384
City of Burlingame	702705
City of Burlingame	408489
City of Burlingame	213907
City of Burlingame	826532
City of Burlingame	169063
City of Burlingame	418893
City of Burlingame	879802
City of Burlingame	778468
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City of Burlingame	433456
City of Burlingame	814226
City of Burlingame	309962
City of Burlingame	320017
City of Burlingame	734088
City of Burlingame	897063
City of Burlingame	706117
City of Burlingame	394831
City of Burlingame	740558
City of Burlingame	620896
City of Burlingame	725845
City of Burlingame	632436
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City of Burlingame	458160
City of Burlingame	104925
City of Burlingame	703830
City of Burlingame	391378
City of Burlingame	150714
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City of Buurlingame	392386
City of Burlingame	678081
Burlingame	572778
Burlingame	529376
City of Burlingame	119512
City of Burlingame	854292
City of Burlingame	966011

30-Nov-10	11/30/2010	30-Nov-10	2/10/2011
30-Nov-10	11/30/2010	30-Nov-10	2/10/2011
30-Nov-10	11/30/2010	30-Nov-10	2/10/2011
30-Nov-10	11/30/2010	30-Nov-10	11/30/2010
30-Nov-10	11/30/2010	30-Nov-10	11/30/2010
30-Nov-10	11/30/2010	30-Nov-10	2/10/2011
30-Nov-10	11/30/2010	30-Nov-10	11/30/2010
30-Nov-10	11/30/2010	30-Nov-10	11/30/2010
21-Dec-10	12/21/2010	21-Dec-10	12/21/2010
4-Mar-11	3/4/2011	4-Mar-11	3/4/2011
4-Mar-11	3/4/2011	4-Mar-11	3/4/2011
4-Mar-11	3/4/2011	4-Mar-11	3/4/2011
4-Mar-11	3/4/2011	4-Mar-11	3/4/2011
4-Mar-11	3/4/2011	4-Mar-11	3/4/2011
24-Mar-11	3/24/2011	25-Mar-11	3/25/2011
24-Mar-11	3/24/2011	25-Mar-11	3/25/2011
7-Apr-11	4/7/2011	7-Apr-11	4/7/2011
7-Apr-11	4/7/2011	7-Apr-11	7/5/2011
7-Apr-11	4/7/2011	7-Apr-11	7/5/2011
5-Jul-11	7/5/2011	5-Jul-11	7/5/2011
5-Jul-11	7/5/2011	5-Jul-11	7/5/2011
5-Jul-11	7/5/2011	5-Jul-11	7/5/2011
5-Jul-11	7/5/2011	5-Jul-11	7/5/2011
2-Sep-11	9/2/2011	2-Sep-11	9/2/2011
3-Oct-11	10/3/2011	3-Oct-11	10/3/2011
3-Oct-11	10/3/2011	3-Oct-11	10/3/2011
3-Oct-11	10/3/2011	3-Oct-11	10/3/2011
3-Oct-11	10/3/2011	3-Oct-11	10/3/2011
3-Oct-11	10/3/2011	3-Oct-11	10/3/2011
17-Dec-11	12/17/2011	17-Dec-11	12/17/2011
18-Dec-11	12/18/2011	18-Dec-11	12/18/2011
18-Dec-11	12/18/2011	18-Dec-11	12/18/2011
18-Dec-11	12/18/2011	18-Dec-11	12/18/2011
18-Dec-11	12/18/2011	18-Dec-11	12/18/2011
18-Dec-11	12/18/2011	18-Dec-11	12/18/2011
18-Dec-11	12/18/2011	18-Dec-11	12/18/2011
8-Apr-12	4/8/2012	8-Apr-12	4/8/2012
8-Apr-12	4/8/2012	8-Apr-12	4/8/2012
17-Jul-12	7/17/2012	17-Jul-12	7/17/2012
17-Jul-12	7/17/2012	17-Jul-12	7/17/2012
17-Jul-12	7/17/2012	17-Jul-12	7/17/2012
24-Sep-12	9/24/2012	24-Sep-12	9/24/2012
24-Sep-12	9/24/2012	24-Sep-12	9/24/2012
24-Sep-12	9/24/2012	24-Sep-12	9/24/2012
24-Sep-12	9/24/2012	24-Sep-12	9/24/2012
26-Nov-12	11/26/2012	26-Nov-12	11/26/2012
27-Nov-12	11/27/2012	27-Nov-12	11/27/2012
27-Nov-12	11/27/2012	27-Nov-12	11/27/2012
27-Nov-12	11/27/2012	27-Nov-12	11/27/2012
27-Nov-12	11/27/2012	27-Nov-12	11/27/2012
2-Dec-12	12/2/2012	2-Dec-12	1/10/2013
22-Jan-13	1/22/2013	22-Jan-13	1/23/2013
18-Feb-13	2/18/2013	18-Feb-13	2/18/2013
18-Feb-13	2/18/2013	18-Feb-13	2/18/2013
18-Feb-13	2/18/2013	18-Feb-13	2/18/2013

Category 3	4	3
Category 3	6	6
Category 3	15	15
Category 3	60	60
Category 3	5	5
Category 3	150	150
Category 3	20	15
Category 3	50	40
Category 1	150	50
Category 1	2000	500
Category 3	2	1
Category 3	5	5
Category 3	5	4
Category 3	5	5
Category 1	31500	0
Category 1	11000	9000
Category 3	15	15
Category 3	3	3
Category 3	40	40
Category 3	3	3
Category 3	125	125
Category 3	5	5
Category 3	5	5
Category 3	30	30
Category 3	8	8
Category 3	225	225
Category 3	3	3
Category 3	4	4
Category 3	100	100
Category 3	8	8
Category 3	100	5
Category 3	10	10
Category 3	10	10
Category 3	10	10
Category 3	150	150
Category 3	600	600
Category 3	15	15
Category 3	10	10
Category 3	10	10
Category 3	5	5
Category 3	4	4
Category 3	100	100
Category 3	10	10
Category 3	2	2
Category 3	50	50
Category 3	6	6
Category 3	5	4
Category 3	25	25
Category 3	60	60
Category 3	5	5
Category 1	45000	0
Category 1	1000	105
Category 3	10	8
Category 3	50	50
Category 3	20	20

0	No	No
0	No	No
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100	Yes	Yes
1500	Yes	Yes
0	No	No
0	No	No
0	No	No
0	No	No
31500	Yes	Yes
2000	Yes	Yes
0	No	No
0	No	No
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0	No	No
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45000	Yes	Yes
1000	Yes	Yes
0	No	No
0	No	No
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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

10 Peninsula Ave.
129 Lorton Ave.
601 Ansel Ave.
1404 Floribunda Ave.
1432 Edgehill Drive
500 El Camino Real
515 Corbitt Drive
1515 Arc Way
2815 Frontera Way
1670 Rollins Road
809 Morrell Ave.
300 Penninsula Ave.
1217 Mills Ave.
1460 Belleview Ave.
1100 Dufferin Ave
777 Morrell Ave.
Peninsula Ave. and Claredon Road
141 Channing Road
1307 North CarolanAve.
1900 Adeline Drive
1501 Alturas
1411 Cabrillo
28 Channing Road
901 Park Ave.
600 Plymouth
1021 El Camino Real
1217 Sanchez Ave.
1433 Cabrillo
1149 Cabrillo Ave.
1604 Sanchez Ave.
13 Hayward Ct.
745 Farringdon
1212 Rollins Road
2633 Martinez Dr.
1465 Cabrillo Ave.
1456 Cortez Ave.
601 Ansel Drive
840 Stanton Road
1400 Rollins Road
1330 Cortez Ave.
1821 Ralston Ave.
1380 Bayshore Highway
1380 Burlingame Ave
1390 Burlingame Ave
1205 Bernal
1453 Burlingame Ave.
2731 Summit Drive
1330 Castillo
1670 Rollins Road
500 El Camino Real
1392 Marsten Road
1105 Jackling Drive
1129 Rhinette
2112 Trousdale Drive
1216 Burlingame Ave.

37.5825	-122.331111	San Mateo
37.577222	-122.343889	San Mateo
37.529722	-122.352778	San Mateo
37.58	-122.351389	San Mateo
37.581824	-122.360853	San Mateo
37.577454	-122.352842	San Mateo
37.585833	-122.348333	San Mateo
37.579444	-122.359167	San Mateo
37.58618	-122.39461	San Mateo
37.595833	-122.375833	San Mateo
37.585833	-122.3525	San Mateo
37.581111	-122.333056	San Mateo
37.589722	-122.371667	San Mateo
37.577778	-122.3525	San Mateo
37.594369	-122.379539	San Mateo
37.586817	-122.351094	San Mateo
37.5825	-122.336944	San Mateo
37.583889	-122.335833	San Mateo
37.589167	-122.364722	San Mateo
37.586111	-122.3775	San Mateo
37.575833	-122.398889	San Mateo
37.585556	-122.374444	San Mateo
37.581944	-122.333889	San Mateo
37.584722	-122.351111	San Mateo
37.585833	-122.341667	San Mateo
37.58199	-122.36291	San Mateo
37.584444	-122.360278	San Mateo
37.5859	-122.37527	San Mateo
37.581706	-122.367889	San Mateo
37.580833	-122.362778	San Mateo
37.584722	-122.385278	San Mateo
37.58141	-122.3553	San Mateo
37.589167	-122.3625	San Mateo
37.585833	-122.388333	San Mateo
37.586667	-122.376111	San Mateo
37.587222	-122.375556	San Mateo
37.57987	-122.35293	San Mateo
37.585556	-122.370278	San Mateo
37.59145	-122.36743	San Mateo
37.585739	-122.371803	San Mateo
37.5722	-122.35335	San Mateo
37.59228	-122.36279	San Mateo
37.57813	-122.34833	San Mateo
37.57813	-122.34833	San Mateo
37.580833	-122.369444	San Mateo
37.576944	-122.349167	San Mateo
37.573611	-122.385833	San Mateo
37.580278	-122.3775	San Mateo
37.5961	-122.37607	San Mateo
37.577222	-122.3525	San Mateo
37.59165	-122.36617	San Mateo
37.57957	-122.3746	San Mateo
37.586861	-122.364892	San Mateo
37.590278	-122.388056	San Mateo
37.578889	-122.346389	San Mateo

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City provides courtesy service to the lower portion of the sewer lateral to our residents/customers pursant to a court order

Spill contained within property (downstairs Bathroom)

Spill was on the California Drive side of address.
Overflow out of cleanout in driveway of underground parking garage flooding garage.

The City provides courtesy service to the lower portion of the sewer lateral of our residents/customers pursuant to a court
The City provides courtesy service to the lower portion of the sewer lateral of our residents/customers pursuant to a court
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The City provides courtesy service to the lower portion of the sewer lateral of our residents/customers pursuant to a court
The City provides courtesy service to the lower portion of the sewer lateral of our residents/customers pursuant to a court
Spill location was a manhole that a bypass pump was set up at. Storm Drains and Catch Basins were plugged and blocke
The City provides courtesy service to the lower portion of the sewer lateral of our residents/customers pursuant to a court
The City provides courtesy service to the lower portion of the sewer lateral of our residents/customers pursuant to a court

The City provides courtesy service to the lower portion of the sewer lateral of our residents/customers pursuant to a court
The City provides courtesy service to the lower portion of the sewer lateral of our residents/customers pursuant to a court

The City provides courtesy service to the lower portion of the sewer lateral of our residents/customers pursuant to a court
24 inch Sanitary Sewer main surcharged and overflowed into Marsten storm pump station forebay due to infiltration and i
SSO from manhole located in Easton Creek
The City provides courtesy service to the lower portion of the sewer lateral of our residents/customers pursuant to a court

The City provides courtesy service to the lower portion of the sewer lateral of our residents/customers pursuant to a court

consent degree dated 10-6-2008.

ordered Consent Decree dated October
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d off ahead of time in case of bypass pu
ordered Consent Decree dated October
ordered Consent Decree dated October

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nflow into the sanitarry system from the

ordered Consent Decree dated October

ordered Consent Decree dated October

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

4 sewer cleanout. Not actively overflowing upon arrival.
4 sewer cleanout
6 sewer cleanout
6 sewer cleanout

6 sewer cleanout.
4 sewer cleanout.
6 sewer cleanout

4 sewer cleanout located in sidewalk area.
4 sewer cleanout
4 sewer clean out
4 sewer cleanout
4 sewer cleanout

6 clean out

4 sewer cleanout.
Spill came from under toilet. (gasket)
4 sewer cleanout
4 sewer cleanout.
4 sewer cleanout.
4 sewer cleanout.
Floor drain in garage.
4 sewer cleanout.

4 sewer cleanout
4 sewer cleanout.
4 sewer cleanout
4 sewer cleanout
6 sewer cleanout
4 sewer cleanout
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4 sewer cleanout

4 sewer cleanout

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

Was not overflowing upon arrival.
Planter strip area between curb and sidewalk. Was not overflowing upon arrival.
area between curb and sidewalk, curb and gutter and blocked catch basin.

Blocked gutter with sandbags to contain spill.
spill within property in dirt area.
Diked gutter contained spill
A portion of the spill entered a catch basin that flows into El Portal channel.
Spill came from a 4 sewer cleanout in sidewalk area. The curb and gutter was blocked to catch any solids. Only grey wat

spill into storm drain that flows to storm pump station then pumps directly to SF Bay.
underground parking garage

concrete easement area. Crews were able to block and contain spill.

Spill contained within garage area.

Spill contained to gutter area. Did not reach catch basin due to debris and leaves in gutter and at catch basin.
planter strip area between sidewalk and curb.

spill contained within property
planter strip area between curb and sidewalk and gutter area
spill overflowed onto hillside that is covered in foilage. All solids were picked up and disposed of. Hillside was damp but n
planter strip area between curb and sidewalk. also gutter area.
debris in gutter area helped contain spill.

Diked/Blocked gutter area contained spill.
Spill entered storm drain on Cortez Ave. Storm Drian was blocked one block downstream on Balboa Ave. Spill was conta
Low spot in gutter and blocked catch basin.
Spill contained in gutter and by blocked catch basin.
Spill contained to low spot in gutter
Private Property- Backyard

Spill was in area that was fully contained ahead of time in case of bypass pump malfunction.

private property- under deck and along side house.

Planter strip area between sidewalk and curb.
easement/ alley area. Unpaved
low spot in gutter and blocked catch basin.
low spot in gutter

Planter strip area between sidewalk and curb.
Spill contained to low spots and debris in gutter area.

10/5/2010 19:00	10/5/2010 19:36	10/5/2010 19:52	10/5/2010 20:45
10/8/2010 8:00	10/8/2010 8:33	10/8/2010 8:45	10/8/2010 8:55
10/9/2010 20:00	10/9/2010 20:24	10/9/2010 21:05	10/9/2010 21:30
10/11/2010 11:30	10/11/2010 11:56	10/11/2010 12:08	10/11/2010 14:00
10/17/2010 17:05	10/17/2010 17:20	10/17/2010 17:30	10/17/2010 17:45
10/17/2010 15:00	10/17/2010 15:30	10/17/2010 15:40	10/17/2010 16:10
10/21/2010 10:30	10/21/2010 10:56	10/21/2010 11:09	10/21/2010 11:30
11/15/2010 11:00	11/15/2010 11:33	11/15/2010 11:42	11/15/2010 12:25
12/20/2010 17:30	12/20/2010 17:30	12/20/2010 17:50	12/20/2010 18:20
3/3/2011 8:00	3/3/2011 8:07	3/3/2011 8:13	3/3/2011 10:30
1/16/2011 12:11	1/16/2011 12:11	1/16/2011 12:20	1/16/2011 12:34
1/28/2011 18:30	1/28/2011 18:30	1/28/2011 18:50	1/28/2011 18:55
1/31/2011 11:15	1/31/2011 11:33	1/31/2011 11:43	1/31/2011 11:53
2/21/2011 15:05	2/21/2011 15:28	2/21/2011 15:36	2/21/2011 16:00
3/24/2011 12:00	3/24/2011 12:10	3/24/2011 12:15	3/24/2011 15:15
3/24/2011 12:15	3/24/2011 12:30	3/24/2011 12:45	3/24/2011 15:30
2/28/2011 8:30	2/28/2011 8:40	2/28/2011 9:05	2/28/2011 9:15
3/30/2011 16:00	3/30/2011 16:15	3/30/2011 16:22	3/30/2011 16:25
3/6/2011 0:30	3/6/2011 0:43	3/6/2011 1:00	3/6/2011 2:00
4/30/2011 10:45	4/30/2011 10:51	4/30/2011 11:10	4/30/2011 11:20
5/3/2011 15:30	5/3/2011 15:48	5/3/2011 16:05	5/3/2011 16:30
6/3/2011 13:29	6/3/2011 13:39	6/3/2011 13:49	6/3/2011 14:10
6/7/2011 9:15	6/7/2011 9:31	6/7/2011 9:41	6/7/2011 9:49
7/12/2011 21:00	7/12/2011 21:15	7/12/2011 21:35	7/12/2011 22:00
8/4/2011 17:40	8/4/2011 18:00	8/4/2011 18:40	8/4/2011 19:00
8/23/2011 9:35	8/23/2011 9:55	8/23/2011 10:46	8/23/2011 11:36
8/12/2011 14:45	8/12/2011 15:00	8/12/2011 15:07	8/12/2011 15:15
9/5/2011 9:29	9/5/2011 9:54	9/5/2011 10:15	9/5/2011 11:15
9/17/2011 0:00	9/17/2011 0:00	9/17/2011 0:00	9/17/2011 0:00
10/2/2011 10:30	10/2/2011 10:45	10/2/2011 10:55	10/2/2011 11:30
10/29/2011 16:30	10/29/2011 17:05	10/29/2011 17:20	10/29/2011 19:45
11/25/2011 17:00	11/25/2011 17:35	11/25/2011 18:25	11/25/2011 19:00
11/8/2011 9:30	11/8/2011 9:59	11/8/2011 10:05	11/8/2011 10:20
11/2/2011 9:29	11/2/2011 9:55	11/2/2011 10:05	11/2/2011 10:15
11/28/2011 0:00	11/28/2011 0:00	11/28/2011 0:00	11/28/2011 0:00
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1/28/2012 9:00	1/28/2012 9:23	1/28/2012 9:40	1/28/2012 0:00
2/14/2012 11:00	2/14/2012 11:20	2/14/2012 11:48	2/14/2012 12:00
4/18/2012 8:35	4/18/2012 8:45	4/18/2012 8:52	4/18/2012 9:20
4/8/2012 20:00	4/8/2012 20:14	4/8/2012 20:30	4/8/2012 21:30
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11/1/2012 10:00	11/1/2012 10:25	11/1/2012 10:56	11/1/2012 11:00
12/2/2012 8:45	12/2/2012 8:45	12/2/2012 9:00	12/2/2012 9:15
1/22/2013 15:40	1/22/2013 15:40	1/22/2013 16:00	1/22/2013 16:20
11/2/2012 15:40	11/2/2012 15:51	11/2/2012 16:00	11/2/2012 16:15
11/5/2012 10:30	11/5/2012 10:45	11/5/2012 10:55	11/5/2012 11:05
11/6/2012 7:20	11/6/2012 7:36	11/6/2012 7:55	11/6/2012 8:10

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

piece of broken concrete was found in sewer main.

Plumber cleaning house blockage pushed debris into city maintained line.

alot of small sticks probably put down pickhole of manhole.

Bypass pump suction tube became clogged causing back up.

Due to heavy rains which created infiltration and inflow into the sanitary sewer system that surcharged the system.

Lower Lateral
Lower Lateral
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Main
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Other (specify below)
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Lower Lateral
Main
Lower Lateral

suction tube of temporary bypass pump.

6
8

6
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4

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4

6

24 Clay
6 PVC liner

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

Overflow in downstairs bathroom at residence.

At the time of the overflow it was raining and the crew could omly contain a portion of the spill. The area was cleaned anc

Spill caused by heavy rains that infiltrated the sewer system. Sewer system over capacity resulting in spill.

Replaced lateral from clean out to main after CCTV inspection. Serviced sewer main.

Unable to contain the overflow due to the weather.

12/20/2010 19:00
3/3/2011 11:15

3/24/2011 15:15
3/24/2011 19:30

12/2/2012 4:10
1/22/2013 18:00

Added sewer to preventive maintenance program
Other (specify below)

Other (specify below)
Other (specify below)

Repaired sewer
Other (specify below)

Sewer main was serviced and will be CCTV inspected to detirmine corrective action to be taken. Will be put on preventiv
Removed piece of broken concrete from sewer main.

Currently constructing retention basin at treatment plant that will increase capacity.
Current construction at Treatment Plant to build retention basin to improve capacity.

Repiars were made on 12-10-2012 to correct the SSO.
Spill was casued due to wood sticks that got stuck in the main line and rags created the blockage in the main line. Manho

No
No

No
No

No
No

None

No
No

No
No

No
Yes

n/a
n/a
n/a
n/a
n/a
N/A
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El Portal Channel
San Francisco Bay

San Francisco Bay
Sanchez Creek channel
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San Francisco Bay
San Francisco Bay
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none

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;Other (specify below)

The area is not accessible by the public and water sample were not taken.

No water quality samples taken
None of the above

None of the above
None of the above

None of the above
County Health Agency

107695	12/21/2010 8:20
111298	3/3/2011 11:40

111885	3/24/2011 17:30
111893	3/24/2011 20:00

127335	12/2/2012 15:25
130464	1/22/2013 19:30

2SSO10099	Active	791757	Jim Brown	Certified
2SSO10099	Active	797909	Jim Brown	Certified
2SSO10099	Active	798139	Jim Brown	Certified
2SSO10099	Active	798140	Jim Brown	Certified
2SSO10099	Active	798142	Jim Brown	Certified
2SSO10099	Active	798143	Jim Brown	Certified
2SSO10099	Active	798144	Jim Brown	Certified
2SSO10099	Active	798145	Jim Brown	Certified
2SSO10099	Active	798146	Jim Brown	Certified
2SSO10099	Active	798147	Jim Brown	Certified
2SSO10099	Active	798148	Jim Brown	Certified
2SSO10099	Active	798149	Jim Brown	Certified
2SSO10099	Active	800473	Vincent Falzon	Certified
2SSO10099	Active	800644	Jim Brown	Certified
2SSO10099	Active	800645	Jim Brown	Certified
2SSO10099	Active	800646	Jim Brown	Certified
2SSO10100	Active	650504	Joshua Cosgrove	Certified
2SSO10100	Active	651146	Joshua Cosgrove	Certified
2SSO10100	Active	651338	Joshua Cosgrove	Certified
2SSO10100	Active	651342	Joshua Cosgrove	Certified
2SSO10100	Active	652666	Joshua Cosgrove	Certified
2SSO10100	Active	653469	Joshua Cosgrove	Certified
2SSO10100	Active	654299	Joshua Cosgrove	Certified
2SSO10100	Active	654428	Joshua Cosgrove	Certified
2SSO10100	Active	655948	Joshua Cosgrove	Certified
2SSO10100	Active	656117	Joshua Cosgrove	Certified
2SSO10100	Active	704876	Joshua Cosgrove	Certified
2SSO10100	Active	709783	Joshua Cosgrove	Certified
2SSO10100	Active	710278	Joshua Cosgrove	Certified
2SSO10100	Active	710386	Joshua Cosgrove	Certified
2SSO10100	Active	710702	Joshua Cosgrove	Certified
2SSO10100	Active	711213	Joshua Cosgrove	Certified
2SSO10100	Active	711215	Joshua Cosgrove	Certified
2SSO10100	Active	711217	Joshua Cosgrove	Certified
2SSO10100	Active	711219	Joshua Cosgrove	Certified
2SSO10100	Active	711696	Joshua Cosgrove	Certified
2SSO10100	Active	711803	Joshua Cosgrove	Certified
2SSO10100	Active	711863	Joshua Cosgrove	Certified
2SSO10100	Active	711864	Joshua Cosgrove	Certified
2SSO10100	Active	712735	Joshua Cosgrove	Certified
2SSO10100	Active	714097	Joshua Cosgrove	Certified
2SSO10100	Active	714738	Joshua Cosgrove	Certified
2SSO10100	Active	715071	Joshua Cosgrove	Certified
2SSO10100	Active	715073	Joshua Cosgrove	Certified
2SSO10100	Active	715669	Joshua Cosgrove	Certified
2SSO10100	Active	715758	Joshua Cosgrove	Certified
2SSO10100	Active	715923	Joshua Cosgrove	Certified
2SSO10100	Active	715927	Joshua Cosgrove	Certified
2SSO10100	Active	715930	Joshua Cosgrove	Certified
2SSO10100	Active	716040	Joshua Cosgrove	Certified
2SSO10100	Active	716232	Joshua Cosgrove	Certified
2SSO10100	Active	716461	Joshua Cosgrove	Certified
2SSO10100	Active	718664	Joshua Cosgrove	Certified
2SSO10100	Active	719371	Joshua Cosgrove	Certified
2SSO10100	Active	721211	Joshua Cosgrove	Certified

Supervisor
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Asst. Superintendent
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City of Burlingame	592872
City of Burlingame	396213
City of Burlingame	622219
City of Burlingame	119100
City of Burlingame	556675
City of Burlingame	674808
City of Burlingame	785698
City of Burlingame	662143
City of Burlingame	910067
City of Burlingame	641592
City of Burlingame	255662
City of Burlingame	884598
Burlingame	433952
City of Burlingame	727493
City of Burlingame	439114
City of Burlingame	759500
1030 hours	257230
Pacifica, Ca	609739
1034 hours	637494
Pacifica, Ca	373828
Pacifica, Ca	781109
1032 hours	211164
Pacifica	666690
1043 hours	976149
0840 hours	118477
1037 hours	140931
Pacifica, Ca	789113
Pacifca, Ca	867999
Pacifica, CA	512416
Pacifica, Ca	113052
1020 hours	493116
Pacifica, Ca	896421
Pacifica, Ca	316120
Pacifica, Ca	208862
Pacifica, Ca	860842
Pacifica, Ca	561900
Pacifica, Ca	237970
Pacifica, Ca	695790
1020 hours	883032
Pacifica, Ca	148494
Pacifica, Ca	383584
Pacifica, Ca	560657
Pacifica, Ca	551223
Pacifica, Ca	799020
Pacifica, Ca	636628
1000 hours	320282
Pacifica, Ca	491619
Pacifica, Ca	227453
Pacifica, Ca	274754
Pacifica, Ca	629241
Pacifica, Ca	460106
Pacifica, Ca	112565
1027 hours	310334
Pacifica, Ca	408591
Pacifica, Ca	422379

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

Category 3		20	19
Category 1		375	0
Category 3		3	3
Category 3		30	30
Category 3		6	6
Category 3		2	2
Category 3		3	3
Category 3		4	4
Category 3		3	3
Category 3		25	25
Category 3		32	32
Category 3		10	10
Category 1	0	425	50
Category 3	15	15	15
Category 3	30	30	30
Category 3	150	150	150
Category 1		100	15
Category 3		5	
Category 1		50	0
Category 3		50	50
Category 3		40	40
Category 1		20	0
Category 3		80	
Category 1		300	0
Category 3		100	100
Category 1		200	100
Category 3		20	20
Category 3		10	10
Category 3		500	500
Category 3		300	
Category 1		900	0
Category 3		20	20
Category 3		100	100
Category 3		200	200
Category 3		100	
Category 3		10	10
Category 1		25000	0
Category 1		47250	0
Category 1		31500	0
Category 3		100	100
Category 3		30	
Category 3		15	15
Category 3		50	50
Category 3		40	20
Category 3		1	1
Category 3		10	10
Category 1		160	50
Category 3		875	100
Category 3		1	1
Category 3		875	875
Category 3		1	0
Category 3		10	0
Category 3		100	100
Category 3		10	10
Category 3		5	5

0	No	No
375	Yes	Yes
0	No	No
0	No	No
0	No	No
0	No	No
0	No	No
0	No	No
0	No	No
0	No	No
0	No	No
0	No	No
375	Yes	No
0	No	No
0	No	No
0	No	No
85	No	Yes
	No	No
50	No	Yes
	No	No
	No	No
20	No	Yes
	No	No
300	No	Yes
0	No	Yes
100	No	Yes
	No	No
	No	No
	No	No
	No	No
900	Yes	Yes
	No	No
	No	No
	No	No
	No	No
	No	No
25000	Yes	Yes
47250	Yes	Yes
31500	Yes	Yes
	No	No
	No	No
0	No	No
0	No	No
0	No	No
0	No	No
0	No	Yes
110	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

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

6 Arundel
1525 Rollins Road
412 Park Ave
48 Park Road
930 Capuchino Ave.
1480 Burlingame Ave.
3121 Rivera Drive
6 Humboldt Street
1463 Burlingame Avenue
601 Ansel Ave.
1477 Floribunda Ave.
2835 Trousdale Drive
1415 Sanchez Avenue
34 Anita Road
1457 Cortez Ave.
1837 Hunt Drive
Kavanaugh Way/Glencourt Way
Seville Drive
Gypsy Hill Road
Cedar Lane
Farallon Easment Sewer Main
Alta Vista Drive
Loma Vista Dr. @ Sacramento Terr.
Carmel Ave
Reina Del Mar Ave
Reichling Ave
Rockaway Beach Ave
Flores Drive
Rosita Road
Bancroft Way
Linda Mar Blvd
Reina Del Mar
Grand Teton
Seaside Drive
Clifton Road
Paloma Ave
Linda Mar Blvd
Palmetto Ave
Avalon Drive
Moana Way
Lerida Way
Eureka Dr.
Moana Way
Francisco Blvd
400 Rockaway Beach Ave
1595 Linda Mar Blvd
Higgins Way Easement
Sharp Park Road / Gypsy Hill Road
220 Nelson Ave
San Pablo Terrace Road
1059 Crespi Drive
1152 Linda Mar Blvd
4 Elm Ct.
615 Canyon Drive
428 Magellan

37.578611	-122.337778	San Mateo
37.59324	-122.37119	San Mateo
37.603611	-122.420278	San Mateo
37.57596	-122.34388	San Mateo
37.58292	-122.36053	San Mateo
37.57675	-122.34971	San Mateo
37.57757	-122.39753	San Mateo
37.5842	-122.33262	San Mateo
37.57689	-122.34945	San Mateo
37.5799	-122.35279	San Mateo
37.579	-122.35344	San Mateo
37.58249	-122.39517	San Mateo
37.58245	-122.36152	San Mateo
37.57891	-122.33917	San Mateo
37.58705	-122.37552	San Mateo
37.58206	-122.40113	San Mateo
37.648889	-122.471944	San Mateo
37.589444	122.493056	San Mateo
37.628889	-122.478611	San Mateo
37.630833	122.486667	San Mateo
37.651389	122.482222	San Mateo
37.595	-122.490556	San Mateo
37.635	122.4825	San Mateo
37.636111	-122.486944	San Mateo
37.613611	-122.481389	San Mateo
37.611111	-122.483889	San Mateo
37.603889	122.488333	San Mateo
37.59	122.500278	San Mateo
37.580278	122.48	San Mateo
37.651944	122.485	San Mateo
37.595556	-122.503333	San Mateo
37.613333	122.479444	San Mateo
37.588889	122.471111	San Mateo
37.621667	122.490278	San Mateo
37.653056	122.488056	San Mateo
37.636389	122.490556	San Mateo
37.595556	122.503333	San Mateo
37.639722	122.4925	San Mateo
37.64706	-122.4899	San Mateo
37.631389	122.483333	San Mateo
37.594444	122.480556	San Mateo
37.633333	122.488056	San Mateo
37.631389	122.485278	San Mateo
37.633333	122.49	San Mateo
37.608056	122.494444	San Mateo
37.582222	-122.479722	San Mateo
37.583056	122.496389	San Mateo
37.632778	122.4775	San Mateo
37.650556	122.487222	San Mateo
37.634722	122.485833	San Mateo
37.592222	122.489444	San Mateo
37.585833	122.49	San Mateo
37.58982	-122.47873	San Mateo
37.635556	122.481389	San Mateo
37.661944	122.484722	San Mateo

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The City provides courtesy service to the lower portion of the sewer lateral of our residents/customers pursuant to a court
Spill from Cleanout on sidewalk into gutter then into storm drain which drain to a drainage channel.
The City provides courtesy service to the lower portion of the sewer lateral of our residents/customers pursuant to a court
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Spill overflow from a city cleanout due to a main blockage.

The spill came out of a MH behind 626 Farallon Ave on an easment.

A manhole behind the houses on Higgins overflowed into a culvert and ultimately into the San Pedro Creek nearby.
Overflowed out of a manhole next to Sharp Park Road and down the adjacent hillside.

Spilled from cleanout on lateral

ordered Consent Decree dated October

ordered Consent Decree dated October
ordered Consent Decree dated October

ordered Consent Decree dated October
ordered Consent Decree dated October
ordered Consent Decree dated October
ordered Consent Decree dated October
ordered Consent Decree dated October
ordered Consent Decree dated October
ordered Consent Decree dated October

1
1
1
1

Gravity sewer
Gravity sewer
Gravity sewer
Gravity sewer
Gravity sewer
Gravity sewer
Gravity sewer
Gravity sewer
Gravity sewer
Gravity sewer
Gravity sewer
Gravity sewer
Gravity Mainline
Lateral Clean Out (Public)
Gravity Mainline
Lower Lateral (Public)
Manhole
Other (specify)
Manhole
Manhole
Manhole
Other (specify)
Manhole
Manhole
Manhole
Other (specify)
Other sewer system structure
Manhole
Manhole
Building or structure
Manhole
Manhole
Other (specify)
Manhole
Building or structure
Manhole
Manhole
Manhole
Manhole
Other sewer system structure
Manhole
Building or structure
Other sewer system structure
Other sewer system structure
Other (specify)
Other sewer system structure
Manhole
Manhole
Other sewer system structure
Other sewer system structure
Other sewer system structure
Other sewer system structure
Gravity sewer
Other sewer system structure
Other sewer system structure

4 sewer cleanout
Sewer cleanout in sidewalk.
4 sewer cleanout
4 sewer cleanout
4 sewer cleanout
4 sewer cleanout
4 sewer cleanout
4 sewer cleanout
4 sewer cleanout
6 sewer cleanout
6 sewer cleanout
4 sewer cleanout
Silll appearance point was a city cleanout (4)
4 sewer cleanout

4 sewer cleanout

Cleanout

Sewage came out of asphalt in street

Sewage came out of cracks in street
Sewage overflowed from a building cleanout

Sewage overflowed from a building cleanout

Building cleanout at 430 Moana

Overflowed from a cleanout in the sidewalk
Overflow occured out of a cleanout
Building cleanout at the property line
Cleanout at the property line

Cleanout in backyard
Cleanout at the property line
Sewer Cleanout at the property line
Property line cleanout
Spilled from cleanout on lateral
A cleanout at the property line.
Sewer Cleanout in the sidewalk

Street/curb and gutter
Surface water
Street/curb and gutter
Street/curb and gutter
Unpaved surface
Street/curb and gutter
Street/curb and gutter
Street/curb and gutter
Street/curb and gutter
Street/curb and gutter
Street/curb and gutter
Street/curb and gutter
Drainage Channel
Street/Curb and Gutter
Street/Curb and Gutter
Street/Curb and Gutter
Separate storm drain
Street/curb and gutter
Separate storm drain
Unpaved surface
Unpaved surface
Separate storm drain
Other paved surface
Separate storm drain
Separate storm drain;Street/curb and gutter
Separate storm drain
Other paved surface
Street/curb and gutter
Storm drain
Building or structure
Beach;Separate storm drain;Street/curb and gutter
Street/curb and gutter
Street/curb and gutter
Other paved surface
Building or structure
Street/curb and gutter
Beach
Beach;Surface water
Surface water
Storm drain;Street/curb and gutter
Unpaved surface
Building or structure
Street/curb and gutter
Street/curb and gutter
Unpaved surface
Separate storm drain
Surface water
Unpaved surface
Unpaved surface
Other paved surface;Street/curb and gutter
Other paved surface
Street/curb and gutter
Separate storm drain
Storm drain
Street/curb and gutter

Drainage channel

Easement area

low spot in gutter
low spot in gutter
low spot in gutter
Spill contained to gutter area
Spill contained to gutter area

Receiving waters are the Pacific Ocean.

The San Pedro Creek

Everything was contained in the street and unpaved surfaces next to the street.
Driveway

The sewage was vaccumed up and returned to sanitary sewer system.

11/23/2012 10:25	11/23/2012 10:39	11/23/2012 10:50	11/23/2012 11:00
8/14/2013 8:45	8/14/2013 9:00	8/14/2013 9:00	8/14/2013 9:15
3/3/2013 13:15	3/3/2013 13:33	3/3/2013 13:43	3/3/2013 13:57
3/6/2013 16:45	3/6/2013 16:50	3/6/2013 17:17	3/6/2013 17:27
3/30/2013 11:45	3/30/2013 12:00	3/30/2013 12:10	3/30/2013 12:30
5/14/2013 23:45	5/14/2013 23:59	5/15/2013 0:15	5/15/2013 0:27
6/3/2013 9:30	6/3/2013 9:44	6/3/2013 9:54	6/3/2013 10:00
6/4/2013 7:00	6/4/2013 7:07	6/4/2013 7:16	6/4/2013 8:00
7/17/2013 16:15	7/17/2013 16:32	7/17/2013 16:47	7/17/2013 17:01
7/22/2013 19:15	7/22/2013 19:35	7/22/2013 20:00	7/22/2013 20:10
8/1/2013 9:45	8/1/2013 9:56	8/1/2013 10:04	8/1/2013 10:20
8/14/2013 14:00	8/14/2013 14:20	8/14/2013 14:35	8/14/2013 15:00
11/2/2013 13:00	11/2/2013 13:04	11/2/2013 13:25	11/2/2013 13:45
9/9/2013 9:30	9/9/2013 9:50	9/9/2013 10:05	9/9/2013 10:20
9/19/2013 18:00	9/19/2013 18:20	9/19/2013 18:40	9/19/2013 18:50
9/25/2013 8:30	9/25/2013 9:00	9/25/2013 9:15	9/25/2013 9:30
5/13/2007 12:30	5/13/2007 12:30	5/13/2007 12:45	5/13/2007 13:45
5/30/2007 11:00	5/30/2007 11:00	5/30/2007 11:10	5/30/2007 11:30
6/3/2007 10:00	6/3/2007 10:10	6/3/2007 10:20	6/3/2007 10:30
6/3/2007 17:50	6/3/2007 17:50	6/3/2007 18:00	6/3/2007 18:15
6/20/2007 9:00	6/20/2007 12:10	6/20/2007 12:10	6/20/2007 12:20
7/1/2007 16:25	7/1/2007 16:25	7/1/2007 16:30	7/1/2007 16:45
7/15/2007 9:30	7/15/2007 10:00	7/15/2007 10:15	7/15/2007 10:30
7/18/2007 11:30	7/18/2007 11:30	7/18/2007 11:40	7/18/2007 12:00
8/16/2007 8:00	8/16/2007 8:00	8/16/2007 8:05	8/16/2007 8:20
8/18/2007 14:45	8/18/2007 14:45	8/18/2007 15:00	8/18/2007 15:05
10/9/2007 10:50	10/9/2007 10:50	10/9/2007 11:00	10/9/2007 11:20
12/13/2007 18:00	12/13/2007 18:15	12/13/2007 18:30	12/13/2007 19:00
12/25/2007 12:00	12/25/2007 12:00	12/25/2007 12:15	12/25/2007 12:45
12/24/2007 16:00	12/24/2007 16:00	12/24/2007 16:20	12/24/2007 16:25
1/4/2008 12:30	1/4/2008 12:30	1/4/2008 12:30	1/4/2008 13:30
1/9/2008 8:20	1/9/2008 8:20	1/9/2008 8:45	1/9/2008 8:55
1/11/2008 10:00	1/11/2008 10:00	1/11/2008 10:30	1/11/2008 10:45
1/11/2008 16:20	1/11/2008 16:30	1/11/2008 16:30	1/11/2008 16:40
1/14/2008 22:15	1/14/2008 22:30	1/14/2008 23:10	1/14/2008 23:15
1/16/2008 8:30	1/16/2008 8:30	1/16/2008 8:40	1/16/2008 8:50
1/25/2008 13:00	1/25/2008 13:00	1/25/2008 13:00	1/25/2008 23:00
1/25/2008 13:30	1/25/2008 13:30	1/25/2008 13:30	1/26/2008 0:00
1/25/2008 13:30	1/25/2008 13:30	1/25/2008 13:30	1/26/2008 23:00
2/7/2008 8:30	2/7/2008 8:30	2/7/2008 8:35	2/7/2008 9:00
2/25/2008 13:00	2/25/2008 13:15	2/25/2008 13:30	2/25/2008 14:00
3/1/2008 13:00	3/1/2008 13:10	3/1/2008 13:30	3/1/2008 14:05
2/7/2008 8:00	2/7/2008 8:00	2/7/2008 8:20	2/7/2008 8:45
3/16/2008 13:30	3/16/2008 13:30	3/16/2008 13:45	3/16/2008 13:55
3/21/2008 7:00	3/21/2008 7:00	3/21/2008 7:15	3/21/2008 7:30
4/2/2008 9:30	4/2/2008 9:40	4/2/2008 9:40	4/2/2008 9:40
4/8/2008 7:00	4/8/2008 8:30	4/8/2008 8:50	4/8/2008 9:00
4/7/2008 10:00	4/7/2008 10:00	4/7/2008 10:10	4/7/2008 10:35
4/7/2008 19:40	4/7/2008 19:40	4/7/2008 20:00	4/7/2008 20:15
4/9/2008 18:00	4/9/2008 7:30	4/9/2008 11:00	4/9/2008 11:30
4/11/2008 11:30	4/11/2008 11:30	4/11/2008 12:00	4/11/2008 12:00
4/21/2008 13:00	4/21/2008 13:00	4/21/2008 13:05	4/21/2008 14:30
5/31/2008 11:00	5/31/2008 11:00	5/31/2008 11:10	5/31/2008 11:30
6/10/2008 8:00	6/10/2008 8:00	6/10/2008 8:20	6/10/2008 8:20
6/26/2008 10:50	6/26/2008 10:50	6/26/2008 11:15	6/26/2008 10:50

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

Debris from a private sewer lateral wedged at the mouth of a MH and caused the MH to fill up and spill over.

Retrieved a sewer snake that must have been left in the line from a private plumbing company

SSO due to infiltration into sewer from major storm.

A plumbing contractor was snaking out the sewer lateral where the overflow occured and may have pushed a blockage in

Lower Lateral
Main
Lower Lateral
Lower Lateral
Lower Lateral
Lower Lateral
Lower Lateral
Lower Lateral
Lower Lateral
Lower Lateral
Lower Lateral
Lower Lateral
Gravity Mainline
Lower Lateral (Public)
Gravity Mainline
Gravity Mainline
Main

Main

Main

Main
Main
Main

Main

Main

to the city main.

Lower Lateral

Main
Lower Lateral
Lower Lateral

Blockage was between sidewalk cleanout and the connection to the main sewer in the street.

No	8	Clay	
No			
No			
No			
	6	VCP	
	6	VCP	
	6	VCP	
	6	VCP	
	6		6
	6	VCP	
	6	VCP	
	6	VCP	
	6	vcp	
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	6	VCP	
		VCP	
	6	VCP	
	6	VCP	
	6	VCP	
	6	VCP	
	24	VCP	
	24	AC	
	8	VCP	
	6	VCP	
	6	VCP	
	8	VCP	
	6	VCP	
	6	VCP	
	4	VCP	
	4	VCP	
	6		
	8		
	6	VCP	
	4	VCP	
	4		
	6	VCP	
	4		
	4		4

50
52
50
60
8

60
60

60
60
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30
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50

50

Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow;Returned all or portion of spill to sanit
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow;Returned all or portion of spill to sanit
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow;Returned all or portion of spill to sanit
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;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
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;Returned Portion of Spill to Sanitary Sewer System;Property Owner I

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

County Healt was notified.

The spill spread out into the dirt (non-paved) surface and we removed the contaminated dirt.

The effected homeowner called a restoration company which was already on site by the time flow was restored.

SSO was due to major storm and infiltration into the system.

Raked up around MH and disenfected area.
Property owner hired a restoration company to clean up inside building.

8/14/2013 0:00

11/2/2013 15:20

5/13/2007 15:00

6/3/2007 10:30

7/1/2007 17:00

7/18/2007 12:30

8/20/2007 9:00

1/4/2008 14:30

1/26/2008 23:00
1/26/2008 23:00
1/26/2008 23:00

4/8/2008 15:00

Adjusted schedule/method of preventive maintenance

Inspected Sewer Using CCTV to Determine Cause

Adjusted schedule/method of preventive maintenance

Adjusted schedule/method of preventive maintenance

Adjusted schedule/method of preventive maintenance

Adjusted schedule/method of preventive maintenance

Plan rehabilitation or replacement of sewer

Other (specify below)

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

Plan rehabilitation or replacement of sewer

Crew wash down area and cleaned catch basin vacuming and recovering all wash down water.

Our sanitary sewer collection system has I and I problems and will need to be corrected over time.

This was due to a major storm where infiltration surcharged the sewer. No corrective action can be taken but to upgrade
This was due to infiltration from a major storm. Only corrective action would be to upgrade or replace system.
SSO was due to major storm and infiltration into the system. Only way to correct would be to upgrade or replace system.

No

No

No

No

No

No

No

No

Yes
No
No

Yes

This was during a storm so the amount of wastewater that made its way onto the beach was extremely diluted by the stor

N/A

No

No No

No

No

No

No

No

No

Yes
Yes
Yes

Yes

N/A

NA

NA

NA

NA
NA
NA

Linda Mar Beach

Linda Mar State Beach
NA
NA

N/A
NA

none
Drainage channel between Rollins Road and Adrian Road.
none
none
none
none
none
none
none
none
none
none

Final destination storm drain

Final destination storm drain

Final destination storm drain

Final destination storm drain
NA
Final destination storm drain

Pacific Ocean

Pacific Ocean
Pacific Ocean
Pacific Ocean

N/A
San Pedro Creek

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

No water quality samples taken;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

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

No water quality samples taken

Coliform test
Coliform samples
Coliform samples.

None of the above

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;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

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

estimation method used was flow from the 4 pipe.

135019	8/14/2013 14:00
136799	11/2/2013 14:55
80709	1/25/2008 14:00
80738	1/26/2008 9:30
80740	1/26/2008 9:30
82503	4/2/2008 15:45
82639	4/8/2008 10:30
83895	5/31/2008 13:48
84126	6/10/2008 10:00

Peter Gaines	6505587672
Jim Brown	6505587693
Jim Brown	6504385520
Jim Brown	6505587693

2SSO10100	Active	723587	Joshua Cosgrove	Certified
2SSO10100	Active	723690	Joshua Cosgrove	Certified
2SSO10100	Active	723697	Joshua Cosgrove	Certified
2SSO10100	Active	724273	Joshua Cosgrove	Certified
2SSO10100	Active	724276	Joshua Cosgrove	Certified
2SSO10100	Active	725184	Joshua Cosgrove	Certified
2SSO10100	Active	725185	Joshua Cosgrove	Certified
2SSO10100	Active	725190	Joshua Cosgrove	Certified
2SSO10100	Active	726511	Joshua Cosgrove	Certified
2SSO10100	Active	728576	Joshua Cosgrove	Certified
2SSO10100	Active	729198	Joshua Cosgrove	Certified
2SSO10100	Active	729331	Joshua Cosgrove	Certified
2SSO10100	Active	730181	Joshua Cosgrove	Certified
2SSO10100	Active	731533	Joshua Cosgrove	Certified
2SSO10100	Active	731534	Joshua Cosgrove	Certified
2SSO10100	Active	732926	Joshua Cosgrove	Certified
2SSO10100	Active	733558	Joshua Cosgrove	Certified
2SSO10100	Active	733822	Joshua Cosgrove	Certified
2SSO10100	Active	733875	Joshua Cosgrove	Certified
2SSO10100	Active	734142	Joshua Cosgrove	Certified
2SSO10100	Active	734867	Joshua Cosgrove	Certified
2SSO10100	Active	735137	Joshua Cosgrove	Certified
2SSO10100	Active	735295	Joshua Cosgrove	Certified
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2SSO10100	Active	736593	Joshua Cosgrove	Certified
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2SSO10100	Active	739823	Joshua Cosgrove	Certified
2SSO10100	Active	740441	Joshua Cosgrove	Certified
2SSO10100	Active	743065	Joshua Cosgrove	Certified
2SSO10100	Active	743864	Joshua Cosgrove	Certified
2SSO10100	Active	744390	Joshua Cosgrove	Certified
2SSO10100	Active	744392	Joshua Cosgrove	Certified
2SSO10100	Active	744635	Joshua Cosgrove	Certified
2SSO10100	Active	745399	Joshua Cosgrove	Certified
2SSO10100	Active	748086	Joshua Cosgrove	Certified
2SSO10100	Active	749417	Joshua Cosgrove	Certified
2SSO10100	Active	750117	Joshua Cosgrove	Certified
2SSO10100	Active	751795	Joshua Cosgrove	Certified
2SSO10100	Active	752735	Joshua Cosgrove	Certified
2SSO10100	Active	754177	Joshua Cosgrove	Certified
2SSO10100	Active	754180	Joshua Cosgrove	Certified
2SSO10100	Active	755697	Joshua Cosgrove	Certified
2SSO10100	Active	755699	Joshua Cosgrove	Certified
2SSO10100	Active	755700	Joshua Cosgrove	Certified
2SSO10100	Active	757055	Joshua Cosgrove	Certified
2SSO10100	Active	757459	Joshua Cosgrove	Certified
2SSO10100	Active	758228	Joshua Cosgrove	Certified
2SSO10100	Active	758552	Joshua Cosgrove	Certified
2SSO10100	Active	758746	Joshua Cosgrove	Certified
2SSO10100	Active	758747	Joshua Cosgrove	Certified
2SSO10100	Active	759545	Joshua Cosgrove	Certified
2SSO10100	Active	760029	Joshua Cosgrove	Certified
2SSO10100	Active	760030	Joshua Cosgrove	Certified

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Pacifica, Ca		777657
Pacifica, Ca		232210
Pacifica, Ca		242000
Pacifica, Ca		886253
Pacifica, Ca		568573
Pacifica, Ca		192057
Pacifica, Ca		472151
Pacifica, Ca		298806
Pacifica, Ca		417366
Pacifica, Ca		907441
Pacifica, Ca		742523
Pacifica, Ca		904795
Pacifica, Ca		641040
Pacifica, Ca		126668
	820	205542
Pacifica, Ca		583762
1040 hours		551331
Pacifica, Ca		225802
Pacifica, Ca		119506
Pacifica, Ca		732248
Pacifica, Ca		249466
Pacifica, Ca		755344
Pacifica, Ca		231010
Pacifica, Ca		496605
Pacifica, Ca		783001
0900 hours		429511
Pacifica, Ca		215373
1350 hours		548820
	1439	980078
2240 hrs		739333
0800 hours		746663
1149 hrs		638471
1500 hours		847778
1505 hours		111763
1100 hours		469698
1400 hours		880858
0903 hours		833576
0853 hours		960040
0800 hours		828015
0852 hours		950167
0901 hours		647299
0850 hours		938222
0900 hours		378607
0859 hours		372192
0856 hours		365597
0855 hours		400841
0854 hours		742307
1200 hours		493004
1250 hours		420250
2200 hours		795297
1325 hours		676530
1335 hours		106326
0810 hours		341915
1325 hours		745074
1335 hours		871903

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

Category 3	2	2
Category 3	50	50
Category 3	5	5
Category 3	10	10
Category 3	5	5
Category 3	5	5
Category 3	5	5
Category 3	5	5
Category 3	20	20
Category 3	20	20
Category 3	15	15
Category 3	150	0
Category 2	8000	8000
Category 3	50	50
Category 3	15	15
Category 3	20	20
Category 1	200	0
Category 3	775	775
Category 3	1	1
Category 3	2	2
Category 3	20	20
Category 3	15	15
Category 3	200	200
Category 3	100	100
Category 3	200	200
Category 1	175	25
Category 3	25	25
Category 3	20	20
Category 3	80	80
Category 3	65	65
Category 3	10	10
Category 3	100	100
Category 3	10	10
Category 3	20	20
Category 3	150	150
Category 3	5	5
Category 3	200	200
Category 3	20	20
Category 1	500	200
Category 3	10	10
Category 3	20	20
Category 3	5	5
Category 3	50	50
Category 3	200	200
Category 3	2	2
Category 3	10	10
Category 3	1	1
Category 1	1125	0
Category 3	5	5
Category 3	250	250
Category 3	5	5
Category 3	5	5
Category 1	3250	0
Category 3	5	5
Category 3	5	5

0	No	No
0	No	No
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0	No	Yes
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0	No	No
0	No	No
200	Yes	Yes
0	No	No
0	No	No
0	No	No
0	No	No
0	No	No
0	No	Yes
0	No	No
0	No	No
150	No	Yes
0	No	No
0	No	No
0	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	No
0	No	No
300	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
1125	Yes	Yes
0	No	No
0	No	Yes
0	No	No
0	No	No
3250	Yes	Yes
0	No	No
0	No	No

Not Applicable - Spill did not reach storm drainpipe
Not Applicable - Spill did not reach storm drainpipe
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455 Rockaway Beach Ave
535 Perry
583 Moana
165 Carmel Ave
Buel Ave
1 Malavear Court
La Mirada
1071 Granada
482 Goodman
2316 Palmetto Ave
547 Canyon
Carmel Ave
Intersection of Anza Blvd and Arguello Drive
605 Canyon
Toledo Court
1236 Seville
Intersection of Beaumont Blvd and Shasta Lane
Shoreside Drive
55 Oviedo
301 Clifton Road
Sterling Road
331 Clifton
Crespi Drive @ Seville Drive
Hibbert Court Easment Main
Farallon
Crespi Drive @ Highway 1
Loma Vista Ave
Monte Verde Drive
Farallon Ave
153 Montecito Ave
Vista Mar
Manor Drive (400 block)
Amapola Ave
Oceana Blvd
Lakeside Ave
Carmel Ave
310-340 Eureka Square Drive
Chico at Escalero
Berendos Ave
Gypsy Hill Road
Edgemar and Milagra
15 Montecito
Valencia Way at Granada Drive
Piedmont Eas.
Holiday Court Eas.
10 Holiday Court
Winona
Avalon Drive
2584 Francisco Blvd
Perez Drive
137 Santa Rosa
800 Rockaway Beach Blvd
Linda Mar Blvd
944 La Mirada
1401 Peralta

37.591389	122.493333	San Mateo
37.6475	122.486389	San Mateo
37.631944	122.483056	San Mateo
37.635833	122.491389	San Mateo
37.608056	122.493333	San Mateo
37.585556	122.486667	San Mateo
37.595556	122.49	San Mateo
37.593056	122.486389	San Mateo
37.6325	122.484167	San Mateo
37.630833	122.4925	San Mateo
37.635833	122.483056	San Mateo
37.636111	122.4875	San Mateo
37.596111	122.5025	San Mateo
37.635278	122.481111	San Mateo
37.582222	-122.477222	San Mateo
37.589722	122.493056	San Mateo
37.655556	-122.486667	San Mateo
37.595833	122.506389	San Mateo
37.591111	122.491111	San Mateo
37.653056	122.486389	San Mateo
37.593889	-122.510556	San Mateo
37.652778	-122.485833	San Mateo
37.593333	-122.491389	San Mateo
37.649444	-122.483056	San Mateo
37.651667	-122.482778	San Mateo
37.598889	-122.499167	San Mateo
37.635	-122.4825	San Mateo
37.583358	-122.495747	San Mateo
37.655211	-122.484667	San Mateo
37.632806	-122.490944	San Mateo
37.647242	-122.485625	San Mateo
37.64309	-122.47485	San Mateo
37.61327	-122.47344	San Mateo
37.6361	-122.49312	San Mateo
37.61284	-122.47941	San Mateo
37.63569	-122.4926	San Mateo
37.61383	-122.48692	San Mateo
37.59247	-122.49508	San Mateo
37.61134	-122.47404	San Mateo
37.62897	-122.47868	San Mateo
37.6459	-122.49004	San Mateo
37.63296	-122.49376	San Mateo
37.59458	-122.48842	San Mateo
37.612	-122.48319	San Mateo
37.65642	-122.48966	San Mateo
37.65694	-122.48984	San Mateo
37.61418	-122.48202	San Mateo
37.64711	-122.49049	San Mateo
37.62909	-122.48999	San Mateo
37.58029	-122.48983	San Mateo
37.63357	-122.4912	San Mateo
37.60309	-122.48711	San Mateo
37.5956	-122.50322	San Mateo
37.59564	-122.49006	San Mateo
37.58779	-122.49951	San Mateo

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SSO was behind houses on Goodman

Sewer main backed up inside the residence at 153 Montecito Ave.

Sewage overflowed into a commercial building and was contained therein.
Minor overflow from MH that did not reach a storm drain and was fully recovered.
SSO from a manhole on Berendos Ave in Pacifica.

Intersection of Edgemar and Milagra.
Sewer overflow from a cleanout at the property line into the adjacent yard.
Intersection of Valencia and Granada Drive
Stoppage in a manhole along an easement behind houses on Piedmont and Reichling. Overflow did not reach a storm dr
Overflowed out of a cleanout behind #7 Holiday Court but did not reach a storm drain or channel.
Overflowed from a property line cleanout next to the sidewalk.
Minor overflow out of a cleanout at the property line due to a main stoppage.

The stoppage occurred in the sewer main under Perez and the SSO came out of a property line cleanout of a house on th

Overflow located in front of the Linda Mar Shopping Center

ain or channel.

ie 1400 block of Perez.

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

Overflowed from a property line cleanout

Property line cleanout
Property line cleanout
Property line cleanout
Overflowed from a property line cleanout
Overflowed from a property line cleanout
Overflowed from a property line cleanout
Sewer cleanout behind 482 Goodman
Overflowed from a four inch cleanout at the property line.
Overflowed from a cleanout at the property line.
Overflowed from a cleanout on the side of the house onto the side yard.

Overflowed from a property line cleanout.
Overflowed from a mainline cleanout.

Overflowed from a cleanout in the driveway.
Overflowed from a building cleanout

Overflowed from a cleanout in the sidewalk.
Sewer main backed up inside the residence at 153 Montecito Ave. Entire back up was contained inside the garage area.

The main overflowed from a cleanout located at the property line.

10 gallon spill from a manhole onto an unpaved surface.

Overflow from a cleanout at the property line into the adjacent yard.
Overflow from manhole.

Overflowed from a cleanout along an easement.

Cleanout of 160 Winona at the property line.

Four inch property line cleanout of a house.
Property line cleanout
Property line cleanout

Property line cleanout
Property line cleanout

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

The unpaved surface of the side yard of 317 Carmel. The ground soaked up all of the overflow.
The spill traveled to the Linda Mar Drainage Pump Station and was contained in the well. The drainage pumps were off c

Entire back up was contained inside the garage area and returned to the sanitary sewer system.

The spill reached a storm drain pipe which flows into Calera Creek. We were able to contain about 200 gallons.

Overflowed into the gutter next to the manhole but did not reach a storm drain.

Minor overflow from manhole into the street gutter of Valencia. Did not reach a storm drain catch basin or drainage chan
Overflow collected around the manhole from which it came.

Overflow was contained around the box for the cleanout in a grassy area.
Entire SSO reached a storm drain immediately adjacent to the overflowing manhole. The overflow traveled through the s

Did not leave the yard, overflowed around the cleanout.
Did not leave the yard, overflowed around the cleanout.

7/14/2008 10:00	7/14/2008 10:30	7/14/2008 10:45	7/14/2008 10:45
7/21/2008 15:30	7/21/2008 15:50	7/21/2008 16:05	7/21/2008 16:30
7/24/2008 18:00	7/24/2008 18:00	7/24/2008 18:30	7/24/2008 18:00
7/28/2008 14:10	7/28/2008 14:20	7/28/2008 14:35	7/28/2008 14:25
8/2/2008 13:15	8/2/2008 13:30	8/2/2008 13:45	8/2/2008 14:05
8/16/2008 8:20	8/16/2008 8:20	8/16/2008 8:30	8/16/2008 8:30
8/22/2008 11:00	8/22/2008 11:00	8/22/2008 11:15	8/22/2008 11:30
8/22/2008 14:30	8/22/2008 14:30	8/22/2008 14:45	8/22/2008 15:00
8/28/2008 15:00	8/28/2008 15:00	8/28/2008 15:15	8/28/2008 15:45
10/19/2008 17:50	10/19/2008 18:00	10/19/2008 18:10	10/19/2008 20:05
11/10/2008 7:00	11/10/2008 7:25	11/10/2008 7:40	11/10/2008 7:40
11/17/2008 15:45	11/17/2008 16:00	11/17/2008 16:15	11/17/2008 16:30
12/3/2008 20:30	12/3/2008 20:30	12/3/2008 20:50	12/3/2008 21:10
12/27/2008 10:00	12/27/2008 10:00	12/27/2008 10:30	12/27/2008 10:45
1/3/2009 13:15	1/3/2009 13:15	1/3/2009 13:25	1/3/2009 15:00
2/1/2009 12:10	2/1/2009 12:25	2/1/2009 12:35	2/1/2009 13:30
2/15/2009 22:00	2/15/2009 22:00	2/15/2009 22:30	2/15/2009 23:00
2/14/2009 12:00	2/14/2009 12:00	2/14/2009 12:30	2/14/2009 13:00
2/18/2009 9:00	2/18/2009 9:00	2/18/2009 9:15	2/18/2009 9:15
2/23/2009 9:00	2/23/2009 9:00	2/23/2009 9:10	2/23/2009 9:10
3/9/2009 9:00	3/9/2009 9:00	3/9/2009 9:10	3/9/2009 9:20
3/17/2009 11:00	3/17/2009 11:00	3/17/2009 11:05	3/17/2009 12:30
3/19/2009 13:45	3/19/2009 13:45	3/19/2009 14:00	3/19/2009 14:10
3/28/2009 15:30	3/28/2009 15:30	3/28/2009 15:40	3/28/2009 16:00
4/10/2009 7:15	4/10/2009 7:15	4/10/2009 7:30	4/10/2009 7:30
4/15/2009 10:50	4/15/2009 10:50	4/15/2009 11:15	4/15/2009 11:25
4/15/2009 8:40	4/15/2009 8:40	4/15/2009 8:55	4/15/2009 9:05
5/18/2009 19:00	5/18/2009 19:00	5/18/2009 19:30	5/18/2009 19:40
6/23/2009 9:40	6/23/2009 9:40	6/23/2009 9:50	6/23/2009 10:00
6/30/2009 19:45	6/30/2009 19:45	6/30/2009 19:55	6/30/2009 20:50
8/13/2009 9:40	8/13/2009 9:55	8/13/2009 10:00	8/13/2009 10:40
8/27/2009 10:25	8/27/2009 10:25	8/27/2009 10:35	8/27/2009 10:45
8/23/2009 11:30	8/23/2009 11:30	8/23/2009 11:55	8/23/2009 12:05
9/6/2009 13:00	9/6/2009 13:00	9/6/2009 13:15	9/6/2009 13:30
9/11/2009 18:40	9/11/2009 18:40	9/11/2009 18:45	9/11/2009 19:00
9/27/2009 16:00	9/27/2009 16:00	9/27/2009 16:20	9/27/2009 16:30
1/4/2010 6:30	1/4/2010 6:30	1/4/2010 7:05	1/4/2010 7:10
2/13/2010 11:00	2/13/2010 11:00	2/13/2010 11:05	2/13/2010 11:20
3/3/2010 9:35	3/3/2010 9:35	3/3/2010 9:40	3/3/2010 9:55
4/16/2010 21:30	4/16/2010 21:30	4/16/2010 21:55	4/16/2010 22:00
5/18/2010 7:00	5/18/2010 7:00	5/18/2010 7:15	5/18/2010 7:15
6/19/2010 11:30	6/19/2010 11:30	6/19/2010 11:45	6/19/2010 11:45
6/21/2010 21:42	6/21/2010 21:42	6/21/2010 22:00	6/21/2010 22:10
7/6/2010 8:30	7/6/2010 8:30	7/6/2010 9:00	7/6/2010 9:30
7/21/2010 11:00	7/21/2010 11:00	7/21/2010 11:15	7/21/2010 11:30
7/21/2010 12:00	7/21/2010 12:00	7/21/2010 12:00	7/21/2010 12:10
8/30/2010 7:30	8/30/2010 7:30	8/30/2010 7:40	8/30/2010 7:45
10/7/2010 20:30	10/7/2010 20:30	10/7/2010 20:45	10/7/2010 21:15
9/3/2010 11:20	9/3/2010 11:23	9/3/2010 11:30	9/3/2010 11:45
11/15/2010 19:50	11/15/2010 19:50	11/15/2010 20:10	11/15/2010 20:30
10/20/2010 5:30	10/20/2010 5:30	10/20/2010 5:30	10/20/2010 6:00
10/20/2010 19:00	10/20/2010 19:00	10/20/2010 19:15	10/20/2010 19:30
12/19/2010 7:00	12/19/2010 7:00	12/19/2010 7:00	12/19/2010 8:10
11/2/2010 7:30	11/2/2010 7:30	11/2/2010 7:45	11/2/2010 7:45
11/4/2010 9:00	11/4/2010 9:00	11/4/2010 9:15	11/4/2010 9:15

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

Homeowner immediately stopped using water when he realized his sewer was backing up.

An eight inch rod was retrieved from the sewer main along with a buildup of debris attached to it.

The invert and trough of the manhole was configured poorly and was holding debris, solids, and grease.

A temporary building sewer hookup by a private plumbing contractor that had not been inspected by the City was pushed
There was a partial blockage of the sewer main by root intrusion with a high flow situation occurring because of rainfall.
Partially blocked sewer main with root intrusion removed with a rod truck.
Root debris had partially blocked the exit of the manhole. The debris appeared to be cut roots from a private lateral upst
Buildup of rags in the sewer line caused the blockage.
Rocks and sticks inside the manhole were partially blocking the flow of wastewater.
Roots had grown into manhole and partially blocked the sewer main running through.

Debris and grease buildup
Main cause was root intrusion but grease and grit were observed also.
The CCTV inspection crew observed root intrusion in the area of the main in which the stoppage occurred.
Debris and grease buildup

Sewer main surcharged during a heavy rain event. The sewer main is a separate sanitary sewer.

Lower Lateral

Lower Lateral
Lower Lateral
Lower Lateral
Main
Lower Lateral

Lower Lateral
Lower Lateral

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Lower Lateral

The debris inside the manhole caused the blockage.

4 VCP
6 VCP
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8 VCP
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4 VCP
6
6
6 VCP
4 HDPE
6 VCP

VCP
4

24 VCP
4 VCP
4 VCP

50

50

50
3

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

We raked and picked up all the debris in the overflow area and disenfected.

Will schedule TV inspection this week.

Repaired the invert and trough of the manhole to prevent the buildup of solids in the future.

The main will be televised tomorrow, July 1st, and further investigation will occur.

We will TV the sewer main this week to determine any needed repairs to prevent any future occurences.

The entire area was inspected using CCTV and infiltration was detected in the surrounding building sewers.
Minor overflow onto unpaved surface where manhole was located. Removed debris and vaccumed spillage.
Used our Vaccon sewer combination cleaning truck to remove any overflow from the gutter.

Added sewer to PM Program (Hotspot List)
We will CCTV the sewer main tomorrow, 11/16/10.

Closed Linda Mar Beach. Took beach samples.
After CCTV determined to increase maintenance of sewer lateral.

12/3/2008 23:30

2/15/2009 23:50

4/15/2009 12:00

3/3/2010 15:00

10/8/2010 9:00

12/19/2010 10:00

Adjusted schedule/method of preventive maintenance

Adjusted schedule/method of preventive maintenance

Adjusted schedule/method of preventive maintenance

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

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

Plan rehabilitation or replacement of sewer

We will increase the frequency of preventative maintenance for this sewer main and schedule a replacement or rehab.

Yes

No

No

Yes

No

Yes

No visual impact to Calera Creek.

No sewage or debris could be seen either in the drainage system or the outfall at the Pacific Ocean.

No visual impact noticed.

Yes

No

No

No

No

Yes

NA

NA

NA

NA

Linda Mar Beach

NA

Pacific Ocean

Pacific Ocean

Not applicable.
Not applicable.
Calera Creek
Not applicable
Not Applicable.
Not applicable
Not applicable.
Not Applicable.
Not Applicable
Not Applicable.
Not Applicable.
Pacific Ocean
N/A
N/A
N/A
N/A
Pacific Ocean
N/A
N/A

No water quality samples taken

Not applicable to this spill

No water quality samples taken

No water quality samples taken

Biological indicator(s) - specify below

Biological indicator(s) - specify below

The conditions of the outfall and beach were unsafe to take water samples on the initial date of the SSO and the following

Coliform

No water quality samples taken

Not applicable to this spill

No water quality samples taken

No water quality samples taken

None of the above

None of the above

Results of samples taken will be held in-house for future review by any regulatory agency.

We have not been able to analyze the samples at this time. We should have data later on today and we will report the fir

ıdings as required.

88650	12/3/2008 22:45
89172	12/27/2008 12:30
91300	2/15/2009 23:30
92386	3/19/2009 15:25
92995	4/15/2009 12:10
94547	6/23/2009 10:50
94719	6/30/2009 22:00
100039	1/4/2010 9:45
101525	3/3/2010 11:10
106066	10/7/2010 22:15
106870	11/15/2010 21:30
107616	12/19/2010 9:08

2SSO10100	Active	762056	Joshua Cosgrove	Certified
2SSO10100	Active	762479	Joshua Cosgrove	Certified
2SSO10100	Active	763758	Joshua Cosgrove	Certified
2SSO10100	Active	763760	Joshua Cosgrove	Certified
2SSO10100	Active	765929	Joshua Cosgrove	Certified
2SSO10100	Active	766963	Joshua Cosgrove	Certified
2SSO10100	Active	766964	Joshua Cosgrove	Certified
2SSO10100	Active	767704	Joshua Cosgrove	Certified
2SSO10100	Active	767705	Joshua Cosgrove	Certified
2SSO10100	Active	771463	Joshua Cosgrove	Certified
2SSO10100	Active	771466	Joshua Cosgrove	Certified
2SSO10100	Active	772462	Joshua Cosgrove	Certified
2SSO10100	Active	773410	Joshua Cosgrove	Certified
2SSO10100	Active	774995	Joshua Cosgrove	Certified
2SSO10100	Active	774997	Joshua Cosgrove	Certified
2SSO10100	Active	775071	Joshua Cosgrove	Certified
2SSO10100	Active	781734	Joshua Cosgrove	Certified
2SSO10100	Active	785735	Joshua Cosgrove	Certified
2SSO10100	Active	788919	Joshua Cosgrove	Certified
2SSO10100	Active	789228	Joshua Cosgrove	Certified
2SSO10100	Active	790100	Joshua Cosgrove	Certified
2SSO10100	Active	790511	Joshua Cosgrove	Certified
2SSO10100	Active	791859	Joshua Cosgrove	Certified
2SSO10100	Active	792258	Joshua Cosgrove	Certified
2SSO10100	Active	793999	Joshua Cosgrove	Certified
2SSO10100	Active	795832	Joshua Cosgrove	Certified
2SSO10100	Active	799714	Joshua Cosgrove	Certified
2SSO10101	Active	764023	donna Placzek	Certified
2SSO10101	Active	769614	Donna Placzek	Certified
2SSO10101	Active	791462	Donna Placzek	Certified
2SSO10101	Active	791464	Donna Placzek	Certified
2SSO10102	Active	736010	Dan Takasugi	Certified
2SSO10102	Active	753036	Dan Takasugi	Certified
2SSO10102	Active	757492	Dan Takasugi	Certified
2SSO10102	Active	765310	Dan Takasugi	Certified
2SSO10102	Active	779839	Dan Takasugi	Certified
2SSO10102	Active	792861	Dan Takasugi	Certified
2SSO10103	Active	651510	Roland Williams	Certified
2SSO10103	Active	657080	Roland Williams, Jr.	Certified
2SSO10103	Active	710846	Roland Williams	Certified
2SSO10103	Active	710850	Roland P. Williams, Jr.	Certified
2SSO10103	Active	710857	Roland P. Williams, Jr.	Certified
2SSO10103	Active	710859	Roland P. Williams, Jr.	Certified
2SSO10103	Active	710862	Roland P. Williams, Jr.	Certified
2SSO10103	Active	711350	Roland Williams	Certified
2SSO10103	Active	714924	Roland Williams	Certified
2SSO10103	Active	717857	Roland Williams	Certified
2SSO10103	Active	720116	Roland P. Williams, Jr.	Certified
2SSO10103	Active	723324	Roland Williams	Certified
2SSO10103	Active	725194	Roland Williams	Certified
2SSO10103	Active	728482	Roland P. Williams	Certified
2SSO10103	Active	733814	Roland Williams	Certified
2SSO10103	Active	734185	Roland Willimas, Jr.	Certified
2SSO10103	Active	738650	Roland P. Williams, Jr.	Certified
2SSO10103	Active	745658	Roland Williams	Certified

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Assistant Superintendent
Assistant Superintendent
Director EHS
Director of EHS
Dir EHS
Dir EHS
Public Works Director
Public Works Director
Public Works Director
Public Works Director
Dir of Public Works
Dir of Public Works
General Manager
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1340 hours		680735
1105 hours		995323
1325 hours		680870
1330 hours		753292
1405 hours		578246
0805 hours		312350
0815 hours		297753
0735 hours		716252
0746 hours		270078
1314 hours		699547
1327 hours		416937
0800 hours		115193
0750 hours		887278
1420 hours		367014
Pacifica		274826
1450 hours		479567
1400 hours		985241
0705 hours		383630
1552 hours		554219
0725 hours		730491
0806 hours		785957
1010 hours		893816
0757 hours		464722
1040 hours		307634
Pacifica		475162
1100 hours		687554
1729 hours		140469
	3:29 PM	655629
	4:47 PM	679307
	12:34 PM	283460
	12:59 PM	381220
City of Calistoga		561693
Calistoga		311510
2:20 p.m.		811031
Calistoga		838824
Calistoga		618371
Calistoga		608151
Castro Valley Sanitary District		813728
Castro Valley Sanitary District		353153
Castro Valley Sanitary District		278567
Castro Valley Sanitary District		211244
Castro Valley Sanitary District		310339
Castro Valley Sanitary District		425269
Castro Valley Sanitary District		809312
Castro Valley Sanitary District		519079
Castro Valley Sanitary District		748155
Castro Valley Sanitary District		329447
Castro Valley Sanitary District		863719
Castro Valley Sanitary District		274122
Castro Valley Sanitary District		153058
Castro Valley Sanitary District		899755
Castro Valley Sanitary District		950866
Castro Valley Sanitary District		995555
Castro Valley Sanitary District		895909
Castro Valley Sanitary District		192405

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

Category 3		10	10
Category 3		200	200
Category 3		1	1
Category 3		3	3
Category 3		5	5
Category 3		5	5
Category 3		20	20
Category 3		10	10
Category 3		5	5
Category 3		5	5
Category 3		5	5
Category 3		5	5
Category 3		100	100
Category 3		125	125
Category 3		10	10
Category 3		200	200
Category 3		5	5
Category 3		1	1
Category 3		100	100
Category 3		15	15
Category 3		419	419
Category 3		180	180
Category 3		17	17
Category 1		5872	4000
Category 3		10	10
Category 3		379	379
Category 3	0	123	123
Category 3		54	0
Category 3		20	19
Category 3		500	300
Category 3		100	100
Category 3		20	20
Category 3		3	3
Category 3		150	150
Category 3		15	12
Category 3		20	20
Category 3		1	1
Category 3		275	0
Category 1		1725	1200
Category 1		2250	0
Category 1		2250	0
Category 1		2250	0
Category 1		2250	0
Category 1		2250	0
Category 3		150	0
Category 1		750	0
Category 3		750	0
Category 1		925	0
Category 3		750	750
Category 2		1700	1700
Category 3		75	0
Category 3		375	0
Category 3		92	0
Category 1		300	0
Category 1		8550	0

0	No	No
0	No	Yes
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0	No	Yes
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0	No	No
0	No	No
0	No	No
0	No	No
0	No	No
1872	Yes	Yes
0	No	Yes
0	No	No
0	No	Yes
0	No	No
0	No	Yes
0	No	Yes
0	No	Yes
0	No	No
0	No	No
0	No	No
0	No	No
0	No	No
0	No	No
0	No	No
325	Yes	Yes
2250	Yes	Yes
2250	Yes	Yes
2250	Yes	Yes
2250	Yes	Yes
2250	Yes	Yes
	No	No
250	Yes	Yes
0	No	No
925	No	Yes
0	No	No
0	No	No
0	No	No
0	No	No
0	No	No
100	No	Yes
8550	Yes	Yes

Not Applicable - Spill did not reach a separate storm drainpipe
Yes
Not Applicable - Spill did not reach a separate storm drainpipe
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No
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318 Cutty
Carmel Ave at Pico Terr.
587 Farallon Ave
1228 Oakwood Drive
1100 Oddstad Blvd
137 Paloma
100 Milagra
Crater Lake Way
36 Oviedo Court
529 Paloma Ave
607 Hickey Blvd
620 Lockhaven
Heathcliff Drive
Reina Del Mar Ave and Juanita Ave
800 Rockaway Beach Ave
Seville Drive
San Pablo Terr. Eas.
Manhole in front of 607 Miller
Sterling Ave
Higgins Way
Esplanade Drive
San Pedro Ave at Grand Ave
Nelson Ave at Vista Mar Ave
Highway 1 at Fassler Ave
Toledo Ct
North Palmetto Ave
Nataqua Ave
Einstein's Bagel
Arts & Education Building
Trailer 190 - 1
Trailer 190 - 2
3 Lerner Drive
Fire House Parking Lot - 1135 Washington Street
1700 Foothill Blvd.
Chateau Calistoga Mobile Home Park
Fillmore Street
1109 Myrtle Street
5295 Greenridge Road
Sevne Hills Road and Almond Road
Joseph Drive and Vernon Ct
18864 Redwood Road MH 28-85
18864 Redwood Road MH 28-86
18922 Redwood Road MH 28-83
18949 Redwood Rd MH 28-60
Haley Road and Mancini Dr MH 27-39
SSMH 20-45 San Miguel Avenue
4461 James Avenue MH 28-77 to 28-76
Garrison Avenue
Madison Avenue Manhole 34-5
MH20-66 20180 Anita Avenue
MH 19-62 San Miguel Avenue
MH 42-13 Greenridge Road
4107 Ravenwood Place
5275 Rhalves Dr MH 34-46
MH 19-46 19496 Garrison Avenue

37.65439	-122.48918	San Mateo
37.63618	-122.48683	San Mateo
37.65204	-122.48303	San Mateo
37.57751	-122.4933	San Mateo
37.59118	-122.46461	San Mateo
37.63658	-122.49139	San Mateo
37.64605	-122.49082	San Mateo
37.5857	-122.47121	San Mateo
37.59072	-122.49163	San Mateo
37.636833	-122.482889	San Mateo
37.65471	-122.47965	San Mateo
37.6449	-122.47319	San Mateo
37.65063	-122.47773	San Mateo
37.61277	-122.47863	San Mateo
37.60329	-122.48697	San Mateo
37.59299	-122.49195	San Mateo
37.63457	-122.48428	San Mateo
37.64655	-122.48491	San Mateo
37.59395	-122.51013	San Mateo
37.58315	-122.49779	San Mateo
37.65122	-122.49262	San Mateo
37.59425	-122.50811	San Mateo
37.65054	-122.48511	San Mateo
37.60824	-122.49584	San Mateo
37.58212	-122.47716	San Mateo
37.6537	-122.49085	San Mateo
37.61244	-122.47605	San Mateo
37.65727	-122.05435	Alameda
37.657155	-122.056367	Alameda
37.65576	-122.05521	Alameda
37.65576	-122.05521	Alameda
38.576998	-122.586953	Napa
38.57842	-122.57832	Napa
38.57732	-122.58647	Napa
38.58144	-122.57078	Napa
38.5788	-122.57971	Napa
38.57583	-122.57967	Napa
37.703307	-122.046125	Alameda
37.710387	-122.084191	Alameda
37.71095	-122.074854	Alameda
37.708758	-122.073971	Alameda
37.708646	-122.073982	Alameda
37.70805	-122.074012	Alameda
37.707767	-122.073996	Alameda
37.709271	-122.066307	Alameda
37.697945	-122.080931	Alameda
37.706602	-122.068685	Alameda
37.70333	-122.07943	Alameda
37.712518	-122.063529	Alameda
37.698546	-122.0834	Alameda
37.706561	-122.080608	Alameda
37.703229	122.046279	Alameda
37.694121	122.062317	Alameda
37.71002	-122.059394	Alameda
37.703337	-122.079426	Alameda

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Overflow from a property line cleanout in the driveway.

SSO from a cleanout at the property line.

Property line cleanout on front lawn.

Talked with two other residents to determine the most accurate time on when the overflow began. 1625 hours was detern

Overflow from a MH into the street curb and gutter area. Area of overflow approximately 18'x12'x4 which equals approxi

On lawn area across from the Einstein Bagel

Under and around Trailer 190
Behind the trailer, under the trailer and into the storm drain
Sewage spill from lamp hole in street in front of 3 Lerner Drive.
Fire House Parking Lot behind Lincoln Avenue Buildings
Manhole in center of street
Chateau Calistoga Mobile Home Park Manhole located in depressed planter/storage area.
Manhole at 1610 Fillmore Street
Manhole located in front of 1109 Myrtle Street near intersection of Elm Street
MH 42-13, Street Surface.
Public Street, Moderate Traffic

Paved Street, light traffic, residential area
Resident planter Box at 4461 James Avenue
Residential
Residential, light traffic, paved surface.

Landscape/Sidewalk area. MH was located in the front yoard of residence and sloped towards the sidewalk.
Street; light traffic, residentual.
This sanitary sewer spill escaped out of a private lateral, as it was at a lower elevation than the upstream manhole. The s
Residential, low traffic
Residential, Flat Paved Street

nined to be the most accurate time.

mate volume of 180 gallons.

1

sewage was contained to a planter area

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

Property line cleanout
SSO out of a cleanout at the property line of a house on Carmel Ave.
Property line cleanout
Property line cleanout
Overflow from a property line cleanout serving 1100 Oddstad only.
Overflow from a property line cleanout.
Overflow from a property line cleanout.

SSO from a cleanout at the property line.
Property line c/o
Property line c/o
Property line cleanout on front lawn.

Overflowed out of a cleanout at the building.

Six inch sewer main cleanout

SSO out of a manhole
Sewage leaked out of ground from an old sewer main on a steep graded hill that was used at one time to send pressurize
sewer main c/o

Spill out of a six inch gravity main sewer cleanout.
Other - 2 clean-outs on lateral line
Moisture surrounding manhole and dirt adjaccent to storm drain

Broken clean-out body
Lamp hole

Sewage was overrflowing out fo manhole 27-39, at a rate of 10 GPM when operator arrived on site. Also noticed that sev

Private Lateral

Private Clean out

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

SSO was contained in lawn area surrounding the property line cleanout
SSO reached a storm drain and was fully captured and returned to sanitary system.
Overflow into yard in which cleanout was located.

Did not exit the driveway area.

Lawn area only.

Area of spill in street curb and gutter was calculated to determine volume [(1000x.33x.17)(7.48)].

Minor spill (40 feet x 4 inches x 2 inches) that stayed in the gutter.
Pacific Ocean was final spill destination. Volume of overflow calculated by measuring the length of the pipe above the br

spill area in gutter was 914 feet x 4 inches wide x 2 inches deep = 87744 cu inches

Other - grassy lawn area, approximately 5' by 5'.
Seepage onto dirt cleaned and stormdrain cleaned with Vaxavator

Vacant Field

Dried on surface of street

Spill dried up on street and in curb area

Planter Box

Planter box area
Spill reached a storm drain and dried up.

12/12/2010 17:40	12/12/2010 17:40	12/12/2010 17:55	12/12/2010 17:55
1/29/2011 7:30	1/29/2011 7:30	1/29/2011 7:45	1/29/2011 7:50
1/3/2011 12:30	1/3/2011 12:30	1/3/2011 12:50	1/3/2011 12:50
1/29/2011 14:30	1/29/2011 14:30	1/29/2011 14:40	1/29/2011 14:40
3/30/2011 16:00	3/30/2011 16:00	3/30/2011 16:12	3/30/2011 16:15
4/9/2011 11:45	4/9/2011 11:45	4/9/2011 12:15	4/9/2011 12:15
4/13/2011 14:15	4/13/2011 14:15	4/13/2011 14:30	4/13/2011 14:40
5/14/2011 0:00	5/14/2011 10:00	5/14/2011 10:30	5/14/2011 10:45
6/1/2011 0:00	6/1/2011 7:31	6/1/2011 7:35	6/1/2011 7:40
8/10/2011 0:00	8/10/2011 10:45	8/10/2011 10:55	8/10/2011 10:55
8/28/2011 0:00	8/28/2011 16:00	8/28/2011 16:15	8/28/2011 16:15
9/10/2011 0:00	9/10/2011 12:00	9/10/2011 12:10	9/10/2011 12:10
10/30/2011 0:00	10/30/2011 17:10	10/30/2011 17:45	10/30/2011 19:00
11/12/2011 0:00	11/12/2011 11:11	11/12/2011 11:25	11/12/2011 13:32
11/16/2011 0:00	11/16/2011 7:39	11/16/2011 7:45	11/16/2011 8:00
1/2/2012 0:00	1/2/2012 10:41	1/2/2012 10:55	1/2/2012 11:15
4/18/2012 0:00	4/18/2012 17:27	4/18/2012 17:45	4/18/2012 17:55
7/12/2012 0:00	7/12/2012 19:46	7/12/2012 20:14	7/12/2012 20:14
12/10/2012 0:00	12/10/2012 7:14	12/10/2012 7:45	12/10/2012 7:50
12/18/2012 0:00	12/18/2012 16:30	12/18/2012 16:44	12/18/2012 16:59
1/10/2013 0:00	1/10/2013 8:03	1/10/2013 8:15	1/10/2013 8:18
1/16/2013 17:57	1/16/2013 17:57	1/16/2013 18:20	1/16/2013 18:30
2/20/2013 0:00	2/20/2013 21:01	2/20/2013 21:30	2/20/2013 21:40
3/1/2013 0:00	3/1/2013 4:15	3/1/2013 4:30	3/1/2013 5:30
5/8/2013 0:00	5/8/2013 6:50	5/8/2013 7:00	5/8/2013 7:10
5/30/2013 0:00	5/30/2013 10:10	5/30/2013 10:25	5/30/2013 10:25
10/11/2013 15:30	10/11/2013 15:44	10/11/2013 16:00	10/11/2013 16:05
3/3/2011 9:30	3/3/2011 11:20	3/3/2011 11:30	3/3/2011 11:35
7/28/2011 12:00	7/28/2011 14:30	7/28/2011 14:45	7/28/2011 17:30
1/29/2013 12:30	1/29/2013 12:30	1/29/2013 12:30	1/29/2013 12:35
1/31/2013 14:00	1/31/2013 14:00	1/31/2013 14:00	1/31/2013 14:10
4/6/2009 13:00	4/6/2009 13:00	4/6/2009 13:10	4/6/2009 13:10
6/2/2010 0:00	6/2/2010 19:30	6/2/2010 20:00	6/2/2010 20:05
10/11/2010 8:00	10/11/2010 8:15	10/11/2010 8:30	10/11/2010 11:30
4/7/2011 14:26	4/7/2011 14:33	4/7/2011 14:37	4/7/2011 14:39
4/7/2012 9:20	4/7/2012 9:20	4/7/2012 9:26	4/7/2012 9:30
3/25/2013 6:56	3/25/2013 6:56	3/25/2013 7:05	3/25/2013 6:57
6/7/2007 0:00	6/7/2007 9:30	6/7/2007 19:55	6/7/2007 20:05
9/10/2007 0:00	9/10/2007 8:25	9/10/2007 8:35	9/10/2007 10:35
1/4/2008 0:00	1/4/2008 14:00	1/4/2008 14:00	1/4/2008 16:30
1/4/2008 0:00	1/4/2008 14:00	1/4/2008 14:00	1/4/2008 16:30
1/4/2008 0:00	1/4/2008 14:00	1/4/2008 14:00	1/4/2008 16:30
1/4/2008 0:00	1/4/2008 14:00	1/4/2008 14:00	1/4/2008 16:30
1/4/2008 0:00	1/4/2008 14:00	1/4/2008 14:00	1/4/2008 16:30
1/13/2008 0:00	1/13/2008 14:45	1/13/2008 15:04	1/13/2008 15:15
3/16/2008 0:00	3/16/2008 10:00	3/16/2008 10:24	3/16/2008 10:30
5/21/2008 0:00	5/21/2008 16:37	5/21/2008 17:00	5/21/2008 17:05
6/23/2008 0:00	6/23/2008 7:55	6/23/2008 8:05	6/23/2008 8:15
7/23/2008 0:00	7/23/2008 7:40	7/23/2008 8:00	7/23/2008 8:20
8/25/2008 0:00	8/25/2008 21:13	8/25/2008 21:40	8/25/2008 21:41
10/24/2008 0:00	10/24/2008 11:40	10/24/2008 11:55	10/24/2008 12:05
2/16/2009 0:00	2/16/2009 13:45	2/16/2009 14:10	2/16/2009 14:45
2/24/2009 0:00	2/24/2009 19:10	2/24/2009 9:24	2/24/2009 19:35
6/7/2009 0:00	6/7/2009 14:35	6/7/2009 15:10	6/7/2009 15:25
10/13/2009 0:00	10/13/2009 13:30	10/13/2009 13:45	10/13/2009 17:15

Other (specify below)
Root intrusion
Root intrusion
Root intrusion
Debri-Rags
Root intrusion
Debri-Rags
Root intrusion
Root intrusion
Root intrusion
Other (specify below)
Root intrusion
Other (specify below)
Vandalism
Root intrusion
Root intrusion
Debri-Rags
Debri-General
Root intrusion
Root intrusion
Debri-General
Debri-General
Debri-General
Other (specify below)
Root intrusion
Root intrusion
Debris-General
Operator error
Debri-General
Debri-General
Other (specify below)
Root intrusion
Grease deposition (FOG)
Root intrusion
Grease deposition (FOG)
Grease deposition (FOG)
Debri-General
Other (specify below)
Pipe structural problem/failure
Rainfall exceeded design
Rainfall exceeded design
Rainfall exceeded design
Rainfall exceeded design
Rainfall exceeded design
Root intrusion
Grease deposition (FOG)
Grease deposition (FOG)
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Debri-Rags
Root intrusion
Root intrusion
Rainfall exceeded design

The cleanout lid had broken and fell into the lateral causing debris buildup.

Blockage cause by roots and debris buildup from pipe belly .
Moderate buildup of rags in sewer lateral.

A paving contractor removed the concrete sidewalk exposing the property line cleanout to the surrounding base rock and

Construction debris was removed at the point of stoppage. The debris consisted of a three by five inch of PVC sewer pip
The blockage was a buildup of trash at the exit point of a sewer manhole. We believe the trash was thrown into the manh

Loose roots from upstream in the sewer main or from a lateral partially blocked the downstream outlet inside the manhole
We believe the roots were from somewhere upstream, broke off, and stopped up at a manhole in front of 279 Sterling Av

Root debris was removed from the pipe segment that we believe came from a private sewer lateral or system upstream.
Root debris from either a main sewer or private lateral sewer upstream broke off and blocked the downstream part of the
Root debris from possibly a building sewer lateral upstream.
Still under investigation and not sure of the specific cause. The pipe was excavated and a break was observed that appe

Spill cause was root debris. The stoppage had blown itself out by the time the crew arrived but downstream a large root
One gallon of grit debris removed from downstream manhole. CCTV'd the sewer main
This is a new system. Contractors failed to replace test covers with permanent covers on two clean-outs. When the syst

Plumbers were on site when the manhole started to overflow.
The clean-out body was broken during the clean-up of the dirt during the Tr 190-1 spill on 1/29/13 spill. Clean-up staff wa

Collection of dead roots in sanitary sewer manhole channel.

Roots were growing from a private lateral and had clogged the public sewer main.

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

Root intrusion in joints of the lower lateral from the sidewalk to the street.

There was no failure in the pipe the paving contractor dropped rock during concrete work.

Inside a sewer manhole

Inside a manhole
Manhole in front of 279 Sterling Ave.

In manhole PT7 at the intersection of San Pedro and Grand.
Manhole

CCTV'd the main sewer and found a void. We have scheduled a spot repair of the sewer main for next week.
Two clean-outs

The clean-out body was broken during the clean-up of the dirt behind the Tr 190-1 from the 1/29/13 spill.

	4
	6 VCP
	4 VCP
	4
	4
	4 VCP
	4 VCP
	6 VCP
	4 VCP
	4
	4 VCP
	4 VCP
	6 VCP
	6
	6
	6 VCP
	6 vcp
	6
	6
	6 VCP
	8 VCP
	Steel Reinforced Concrete Pipe
	8 VCP
No	6 VCP
	2 PVC
	12 concrete
	6
	6 Plastic
	8 Clay
	8 PVC
	8 Clay
	8 VCP
	6 VCP
	8 VCP
	8 VCP
	8 VCP
	8 VCP
	8 VCP
	6 vcp
	6 VCP
	6 VCP
	8 VCP
	8 vcp
	6 VCP
	6 VCP
	8 vcp
	6 vcp
	8 VCP
	8 VCP

0
50

19

37
63

50
50
50
50
50
61
58
45
25
58

49
60
60
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;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
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Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;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;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;Inspected sewer using CCTV to determine cause;R

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

Added sewer lateral to our lateral preventative maintenance program
CCTV of the lateral confirmed no structural issues with the lateral.
Replaced sewer lateral from property line cleanout to main 9/20/2011.

We will inspect the sewer main using our CCTV truck when it is available. The CCTV system is being upgraded right nov

Our CCTV truck is under repairs and will be in service later this week. We will CCTV the sewer at that time.

Talked with business owners in the area to determine when spill started but no one other than the original caller observed
CCTV inspection revealed no root intrusion in either MH PT7 or the downstream pipe segment. This section and the upst

Contained the majority of the spill and returned to the sanitary system. Installed a repair clamp over the break in the pipe

Used Vaxavator to clean out storm drain.
Snaked the line
Removed contaminated soil and repaired broken clean-out body

Broke stoppage and checked for any debris around spill area.

Manhole overflowed until capicity was available in sanitary sewer system.
Manhoe overflowed until capicity was available in sanitary sewer system
MAnhole overflowed until capicity was available in the sewer system
Manhole overflowed until capicity was available in the sewer system
Manhole overflowed until capicity was available in the sewer system.
Operator arrived on site and contained spill, then broke stoppage witht he hydro flush vehicle. After stoppage was broker

Operator broke stoppage and then began clean-up and recovery of spill.

Since spill was due to capicity, we placed cones ad barricades around the area to keep the public out. When manhole sto

3/1/2013 8:30

9/10/2007 12:10
1/4/2008 16:30
1/4/2008 16:30
1/4/2008 16:30
1/4/2008 16:30
1/4/2008 16:30

3/16/2008 12:15

6/23/2008 9:40

8/25/2008 0:00

6/7/2009 15:45
10/14/2009 8:00

Other (specify below)

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

Adjusted schedule/method of preventive maintenance

Adjusted schedule/method of preventive maintenance

Adjusted schedule/method of preventive maintenance

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

We still need to investigate further before a final determination is made on how to prevent any further problems from this

No

No
No
No
No
No
No

No

No

No

No
Yes

N/A
N/A

N/A

N/A

No impacts observed.

N/A
N/A
N/A

N/A
N/A

No visual evidence of spill
N/A
N/A

None
No receiving waters impacted
No visual impact to receiving waters.

Yes

No
No
No
No
No
No

No

No

No

No
No

Not applicable
N/A
N/A

N/A

N/A
N/A
South Rockaway 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

Spill did not reach a surface water
No impacted surface waters.
No impacted surface waters
No impacted surface waters
Not applicable
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
Pacific Ocean and unnamed creek in South Rockaway Beach area.
N/A
N/A

None
NA

NA

N/A
N/A
N/A
N/A
SF Bay
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

No water quality samples taken
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

No water quality samples taken

No water quality samples taken

No water quality samples taken
No water quality samples taken

Took samples to San Mateo County Public Health Lab per Greg Smith of San Mateo County Environmental Health. The

N/A

County Health Agency

No water quality samples taken
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

None of the above

None of the above

None of the above

None of the above
No water quality samples taken

The length of the spill was 362 feet, the width was 3 inches, and the depth was 3 inches which equals 112 gallons. Inside

110575	1/29/2011 9:20
120016	1/2/2012 14:10
131248	3/1/2013 7:35
	3/3/2011 12:00
75497	9/10/2007 14:10
0	1/4/2008 14:30
80269	1/8/2008 8:53
8269	1/8/2008 8:53
80269	1/8/2008 8:53
80269	1/8/2008 8:53
82093	3/16/2008 11:16
84457	6/23/2008 9:10
86202	8/26/2008 8:40
94210	6/8/2009 11:23
96901	10/13/2009 15:07

Joshua Cosgrove, Assistant Superintendent 6507387475