9SSO10650	Active	708917	Shawn Atherton	Certified
9SSO10650	Active	746771	Shawn Atherton	Certified
9SSO10650	Active	748988	Shawn Atherton	Certified
9SSO10650	Active	775088	Shawn Atherton	Certified
9SSO10650	Active	788201	Shawn Atherton	Certified
9SSO10650	Active	792689	SHAWN ATHERTON	Certified
9SSO10651	Active	646832	Henry A Levien	Certified
9SSO10651	Active	646835	Hank Levien	Certified
9SSO10651	Active	648647	Hank Levien	Certified
9SSO10651	Active	741943	Peter Lau	Certified
9SSO10651	Active	745493	hlevien	Certified
9SSO10651	Active	748204	hank levien	Certified
9SSO10651	Active	748982	hlevien	Certified
9SSO10651	Active	757212	hank levien	Certified
9SSO10651	Active	762216	Hank Levien	Certified
9SSO10651	Active	781511	Hank Levien	Certified
9SSO10651	Active	781858	Hank Levien	Certified
9SSO10651	Active	791857	Hank Levien	Certified
9SSO10652	Active	716824	Greg Humora	Certified
9SSO10652	Active	717066	Greg Humora	Certified
9SSO10652	Active	717068	Steve Maurer	Certified
9SSO10652	Active	717794	Steve Maurer	Certified
9SSO10652	Active	725533	Steven Maurer	Certified
9SSO10652	Active	727752	Steven Maurer	Certified
9SSO10652	Active	731902	Steven Maurer	Certified
9SSO10652	Active	731904	Steven Maurer	Certified
9SSO10652	Active	734753	Steven Maurer	Certified
9SSO10652	Active	734756	Steven Maurer	Certified
9SSO10652	Active	735950	STEVEN MAURER	Certified
9SSO10652	Active	737076	Steven Maurer	Certified
9SSO10652	Active	746842	Steven Maurer	Certified
9SSO10652	Active	756280	Steven Maurer	Certified
9SSO10652	Active	756687	steve maurer	Certified
9SSO10652	Active	757312	Steve Maurer	Certified
9SSO10652	Active	758204	Hamed Hashemian	Certified
9SSO10652	Active	759733	Steve Maurer	Certified
9SSO10652	Active	759736	Steve Maurer	Certified
9SSO10652	Active	759737	Steve Maurer	Certified
9SSO10652	Active	759739	Steve Maurer	Certified
9SSO10652	Active	759740	Steve Maurer	Certified
9SSO10652	Active	767657	steve maurer	Certified
9SSO10652	Active	769309	steve maurer	Certified
9SSO10652	Active	770409	John Hill	Certified
9SSO10652	Active	770703	john hill	Certified
9SSO10652	Active	771135	Hamed Hashemian	Certified
9SSO10652	Active	771878	Hamed Hashemian	Certified
9SSO10652	Active	775971	johnhill	Certified
9SSO10652	Active	775972	Hamed Hashemian	Certified
9SSO10652	Active	778327	john hill	Certified
9SSO10652	Active	778383	john hill	Certified
9SSO10652	Active	778824	jhill	Certified
9SSO10652	Active	779521	john hill	Certified
9SSO10652	Active	780442	john hill	Certified
9SSO10652	Active	782439	John Hill	Certified
9SSO10652	Active	782678	John Hill	Certified

Utility Superintendent
Utility Superintendent
Utility Superintendent
Utility Supervisor
Utility Supervisor
UTILITY SUPERVISOR
Public Works Director
Public Works Director
Director Public Works
Public Works Superintendent
Public Works Director
public works director
Public Works Director
public works director
Public Works Director
Public Works Director
Public Works Director
Public Works Director
Director Public Works
Director of Public Works
Wastewater Supervisor
Wastewater Supervisor
PW Maint. Supervisor
PW Maint. Suoervisor
P W Maint. Supervisor
P W Maint. Supervisor
PW Maint. Supervisor
PW Maint. Supervisor
PW Maint. Supervisor
PW Maint. Supervisor
PW Maint. Supervisor
PW Maintenance Supervisor
super vister
PW Maint. Supervisor
Engineering Project Manager
PW Maint. Supervisor
PW Maint. Supervisor
PW Maint. Supervisor
PW Maint. Supervisor
PW Maint. Supervisor
PW Maintenance Supervisor
pw maint.super visor
Crew Leader
supervisor
Engineering Project Manager
Engineering Project Manager
supervisor
Engineering Project Manager
super visor
super visor
supervisor
supervisor
supervisor
Supervisor
Supervisor

Encinitas, CA.		559212
City of Encinitas		754940
City of Encinitas		319908
City of Encinitas		696976
City of Encinitas		735561
ENCINITAS, CA.		951063
City of Imperial Beach		472801
city of imperial beach		162850
Imperial Beach		416823
City of Imperial Beach - Public Works Dept.		877892
City of Imperial Beach		951455
imperial beach		245883
City of Imperial Beach		651177
imperial beach		706494
City of Imperial Beach		330639
City of Imperial Beach		974833
City of Imperial Beach		381841
1813 hours		387745
	22:30	156119
	16:26	298910
La Mesa		975368
La Mesa		555146
La Mesa		701606
La Mesa		930597
La Mesa		392452
La Mesa		380000
La Mesa		145609
La Mesa		238971
La Mesa		158003
La Mesa		815598
City of La Mesa		273957
La Mesa		898010
lamrsa		950532
La Mesa		774763
La Mesa		310306
La Mesa		900336
La Mesa		743101
La Mesa		374408
La Mesa		920443
La Mesa		481249
La Mesa		421735
lamesa		520591
La Mesa		241271
lamesa		364731
La Mesa		792558
La Mesa		910248
lamesa		774026
La Mesa		862357
lamesa		390684
lamesa		491137
lamesa		401807
lamesa		169634
lamesa		883649
City of Lamesa		528793
City of Lamesa		462914

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

Category 3	345	100
Category 1	650	200
Category 3	42	15
Category 1	183600	183600
Category 1	5000	100
Category 3	725	0
Category 1	672	150
Category 1	233	0
Category 3	2	
Category 3	5	5
Category 3	75	75
Category 1	300	0
Category 3	15	0
Category 1	30	29
Category 3	100	0
Category 3	50	50
Category 3	40	40
Category 1	5760	60
Category 3	60	60
Category 3	450	0
Category 3	300	0
Category 1	400	0
Category 1	825	300
Category 1	360	250
Category 3	250	250
Category 3	300	250
Category 3	400	0
Category 3	600	600
Category 3	105	0
Category 3	400	400
Category 3	3	3
Category 2	1500	0
Category 3	15	7
Category 1	500	0
Category 1	565	300
Category 1	990000	0
Category 1	6000	0
Category 1	293200	0
Category 1	18000	0
Category 1	13500	0
Category 3	500	100
Category 3	450	100
Category 1	125	0
Category 3	25	0
Category 3	200	200
Category 3	750	200
Category 3	240	0
Category 3	240	0
Category 1	180	10
Category 3	30	0
Category 3	60	40
Category 3	125	50
Category 3	500	300
Category 3	600	300
Category 3	30	0

0	No	No
450	Yes	No
0	No	No
183600	Yes	No
4900	Yes	Yes
0	No	No
522	Yes	Yes
233	Yes	Yes
	No	No
0	No	No
0	No	Yes
300	Yes	Yes
0	No	No
1	Yes	Yes
0	No	Yes
0	No	No
0	No	No
5700	Yes	Yes
0	No	No
0	No	No
0	No	No
100	No	Yes
525	Yes	Yes
110	No	Yes
0	No	No
0	No	Yes
0	No	Yes
0	No	No
0	No	No
0	No	Yes
0	No	Yes
0	No	No
0	No	Yes
300	Yes	No
265	No	Yes
990000	Yes	Yes
6000	Yes	Yes
293200	Yes	Yes
18000	Yes	Yes
13500	Yes	Yes
0	No	Yes
0	No	Yes
125	No	Yes
0	No	No
0	No	Yes
0	No	Yes
0	No	Yes
0	No	Yes
170	Yes	Yes
0	No	No
0	No	Yes
0	No	Yes
0	No	Yes
0	No	Yes
0	No	Yes

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

989 Sidonia Street
Val Sereno
Sidonia Street
3000 block of Manchester Ave. cross Street Via Poco
SE Corner of Encinitas Blvd at Vulcan Ave.
840 VAL SERENO DRIVE
898 5th Street
Imperial Beach Pier
341 Calla Ave
MH 168
Fern Ave - MH 434
7th Stree and Basswood
600 Palm Ave
Alley north of Basswood Ave.
MH 434
Manhole 98
DEAD END 22
Manhole 116
Pawnee
Colorado Avenue
Severin Drive
Phoenix
La Mesa
Collier Park
4401 Palm Avenue
7777 Alvarado Road
4426 Bellflower Dr.
3669 Harris St
5016 Pine Street
7700 University Avenue, La Mesa
University and La Mesa Blvd.
Easement between Seton Hall and Parkway Drive, La Mesa, Ca
4771 Jessie Av
Easement south of 5551 Maryland Ave.
70th & Amhurst
7100 block of University Ave.
Highwood and Cynthia
Parkway andGuessman
Normal and Parks
Severin and Gregory
4089 Payson Road
university ave
5714 baltmore dr
4389sheldon dr
4632 edenvale av
4855 harbinson lamesa ca
7940 university av lamesa ca
7940 university av lamesa ca
8512 victory rd
7137amherst st
8118 university ave lamesa
8085 Univertsity ave lamesa Ca
7105 Pearson st
4604 Judson way LaMesa Ca.
4865 Harbinson ave LaMesa Ca.91941

33.06289167	117.2806739	San Diego
33.050914	-117.222799	San Diego
33.0628916	-117.280673	San Diego
33.01128	-117.26266	San Diego
33.0488	-117.29295	San Diego
33.05083	-117.22263	San Diego
32.58	117.122222	San Diego
32.579444	117.136111	San Diego
32.585825	117.126017	San Diego
32.580258	-117.131714	San Diego
32.57473	-117.11215	San Diego
32.590733	-117.117882	San Diego
32.584268	-117.12036	San Diego
32.590703	-117.117364	San Diego
32.591322	-117.121117	San Diego
32.582598	-117.12044	San Diego
32.58183	-117.11957	San Diego
32.582152	-117.116146	San Diego
32.781673	117.035272	San Diego
32.777948	117.049885	San Diego
32.785597	-116.998472	San Diego
32.751658	-117.035251	San Diego
32.783333	117	San Diego
32.759	117.014	San Diego
32.759345	117.01496	San Diego
32.772689	117.03045	San Diego
32.759308	-117.009886	San Diego
32.745281	-117.039039	San Diego
32.770027	-117.02074	San Diego
32.761506	-117.03165	San Diego
32.766172	-117.024778	San Diego
32.775525	-117.034978	San Diego
32.7668	-117.03713	San Diego
32.777897	-117.037422	San Diego
32.76763	-117.04697	San Diego
32.75574	-117.04087	San Diego
32.75344	-117.02798	San Diego
32.77299	-117.04042	San Diego
32.75653	-117.03122	San Diego
32.79103	-116.9977	San Diego
32.752783	-117.016183	San Diego
32.76438	-117.02723	San Diego
32.78571	-117.03546	San Diego
32.75845	-117.02363	San Diego
32.76276	-117.01407	San Diego
32.76689	-117.04138	San Diego
32.76438	-117.02723	San Diego
32.76438	-117.02723	San Diego
32.77096	-117.01425	San Diego
32.76741	-117.04394	San Diego
32.76782	-117.02278	San Diego
32.76756	-117.02337	San Diego
32.7484	-117.04477	San Diego
32.76155	-117.05265	San Diego
32.76704	-117.0413	San Diego

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Sewer Manhole #3316 in front of 989 Sidonia Street.
Sewer Easement behind 840 Val Sereno
Sewer Manhole # 3316 on the edge of the Street
Coming from sewer manhole located on the North/East corner of Manchester Ave at Via Poco
SE corner of Encinitas Blvd @ Vucan Ave. in dirt area 20 feet from the road and sidewalk.
SPILL OCCURRED IN A GOAT CORRAL/DIRT EASEMENT AREA BEHIND HOMES OFF OF VAL SERENO.
M/H #91
Imperial Beach Pier
Manhole #148 located apx 341 Calla Ave
Approximately 5gallons of liquid seeped from manhole #168 due to pump station failure
Spill originated from MH434 on Fern Ave. Liquid was seeping from manhole cover
Residential Neighborhood
At MH 102.
Spill from Manhole in Alley North of Basswood Ave.
Spill appeared at MH 434

Spill coming from dead end in dirt easement.
Manhole 116 in the alley between 8th St. and Delaware St.

intersection of Severin and Amaya

Overflowing man-hole adjacent to the sidewalk at 6180 Sarita St.

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

Partial Blockage, small amount of sewage was seeping from the manhole

The Lifeguards noticed water flowing from under the Imperial Beach pier.

seeping from the clean out in front of the liquor store in the Silver Strand Plaza

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

sewage flowed onto a dirt/grass easement area and perculated into the ground
Spill was captured and contained in an open earthin swale, then recovered and returned to the sanitary sewer system. W

SPILL WAS CONTAINED IN A DIRT GOAT CORRAL/EASEMENT AREA BIHIND HOMES LOCATED ON VAL SERENC
Tiuana Estuary.
The sewer main running below the Imperial Beach pier seperated at a joint causing effluent to flow directly into the Pacifi
The two gallons of effluent had sun dried while alleviating the blockage. Spill site was washed down and vacuumed into t

The spill reached the storm drain system. Once the plug was cleared the Sewer division pumped out the storm drain cat

San Diego Bay. Currently the pond is drained for maintenance. In this case, the spill did not come into contact with the v

No evidence spill reached nearest inlet. Large amount reaches dirt before draining to curb/gutter.

Resident's back yard; SSO was cleaned by City Contractor
pavement of street
dried on asphalt

12/10/2007 7:54	12/10/2007 7:55	12/10/2007 8:10	12/10/2007 8:17
11/13/2009 0:00	11/13/2009 7:15	11/13/2009 8:05	11/13/2009 8:20
1/30/2010 15:30	1/30/2010 15:30	1/30/2010 16:05	1/30/2010 16:12
12/28/2011 0:00	12/28/2011 11:05	12/28/2011 11:15	12/29/2011 1:30
11/18/2012 0:00	11/18/2012 11:04	11/18/2012 11:50	11/18/2012 12:15
3/15/2013 18:50	3/15/2013 20:00	3/15/2013 20:55	3/15/2013 21:15
1/12/2007 9:26	1/12/2007 9:26	1/12/2007 10:40	1/12/2007 10:50
1/19/2007 15:37	1/19/2007 15:42	1/19/2007 17:00	1/19/2007 18:30
3/29/2007 11:00	3/29/2007 11:01	3/29/2007 11:07	3/29/2007 11:13
7/18/2009 10:40	7/18/2009 10:45	7/18/2009 11:00	7/18/2009 11:10
10/8/2009 8:40	10/8/2009 8:45	10/8/2009 8:50	10/8/2009 9:00
1/7/2010 0:00	1/7/2010 7:10	1/7/2010 7:10	1/7/2010 7:35
1/31/2010 5:00	1/31/2010 5:05	1/31/2010 5:15	1/31/2010 5:30
9/24/2010 0:00	9/28/2010 12:40	9/28/2010 12:50	9/28/2010 1:00
1/31/2011 8:00	1/31/2011 8:10	1/31/2011 8:20	1/31/2011 8:25
5/20/2012 9:30	5/20/2012 10:10	5/20/2012 10:40	5/20/2012 10:57
6/3/2012 18:00	6/4/2012 14:30	6/4/2012 14:50	6/4/2012 14:00
2/18/2013 0:00	2/20/2013 9:34	2/20/2013 12:15	2/20/2013 12:35
3/24/2008 9:00	3/24/2008 9:00	3/24/2008 9:00	3/24/2008 9:30
1/11/2008 13:30	1/11/2008 15:30	1/11/2008 15:30	1/11/2008 15:00
4/26/2008 11:45	4/26/2008 11:45	4/26/2008 12:00	4/26/2008 12:30
5/13/2008 23:00	5/13/2008 23:00	5/13/2008 23:15	5/13/2008 23:30
9/1/2008 11:15	9/1/2008 11:20	9/1/2008 11:45	9/1/2008 14:00
9/18/2008 6:00	9/18/2008 7:30	9/18/2008 7:45	9/18/2008 8:00
1/11/2009 2:00	1/11/2009 2:00	1/11/2009 2:15	1/11/2009 3:00
1/14/2009 6:30	1/14/2009 6:30	1/14/2009 6:45	1/14/2009 9:00
3/8/2009 10:00	3/8/2009 9:30	3/8/2009 10:00	3/8/2009 10:45
3/9/2009 6:10	3/9/2009 8:00	3/9/2009 8:15	3/9/2009 11:30
3/29/2009 12:00	3/29/2009 1:00	3/29/2009 1:30	3/29/2009 1:45
4/14/2009 8:00	4/14/2009 8:00	4/14/2009 8:10	4/14/2009 8:30
11/5/2009 2:00	11/5/2009 2:00	11/5/2009 2:00	11/5/2009 2:05
8/22/2010 0:00	8/22/2010 11:00	8/22/2010 11:30	8/22/2010 4:00
9/10/2010 0:00	9/10/2010 8:30	9/10/2010 8:40	9/10/2010 8:45
9/30/2010 0:00	9/30/2010 0:00	9/30/2010 0:00	10/1/2010 0:00
10/8/2010 0:00	10/8/2010 17:45	10/8/2010 18:10	10/8/2010 19:30
12/21/2010 0:00	12/21/2010 7:30	12/21/2010 7:30	12/22/2010 21:30
12/21/2010 0:00	12/21/2010 8:00	12/21/2010 8:00	12/21/2010 10:00
12/21/2010 0:00	12/21/2010 10:00	12/21/2010 10:00	12/22/2010 21:00
12/21/2010 0:00	12/21/2010 10:00	12/21/2010 10:00	12/21/2010 22:00
12/21/2010 0:00	12/21/2010 2:00	12/21/2010 2:00	12/22/2010 11:00
6/18/2011 0:00	6/18/2011 10:30	6/18/2011 11:00	6/18/2011 12:10
7/30/2011 0:00	7/30/2011 10:00	7/30/2011 10:45	7/30/2011 10:45
8/28/2011 0:00	8/28/2011 6:30	8/28/2011 7:00	8/28/2011 9:45
9/2/2011 10:50	9/2/2011 11:10	9/2/2011 11:45	9/2/2011 7:05
9/16/2011 0:00	9/16/2011 7:40	9/16/2011 8:15	9/16/2011 8:30
10/8/2011 0:00	10/8/2011 5:25	10/8/2011 6:20	10/8/2011 8:01
1/15/2012 10:30	1/15/2012 11:05	1/15/2012 11:15	1/15/2012 12:30
1/15/2012 10:30	1/15/2012 11:05	1/15/2012 11:15	1/15/2012 12:30
3/2/2012 0:00	3/2/2012 13:40	3/2/2012 13:45	3/2/2012 14:20
3/5/2012 20:33	3/5/2012 20:33	3/5/2012 20:40	3/5/2012 21:00
3/14/2012 0:00	3/14/2012 7:30	3/14/2012 7:40	3/14/2012 8:05
4/4/2012 0:00	4/4/2012 8:36	4/4/2012 9:09	4/4/2012 9:05
4/20/2012 0:00	4/20/2012 7:15	4/20/2012 7:25	4/20/2012 7:40
6/22/2012 0:00	6/22/2012 14:15	6/22/2012 15:00	6/22/2012 19:00
6/28/2012 0:00	6/28/2012 15:15	6/28/2012 15:25	6/28/2012 15:30

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

A piece pf plastic pipe measuring 4 x 12 was removed from the sewer line. Because the sewer pipe in question is constr

On Monday 02/01/2010, we televised the sewer main at the problem area. We found that a contractor had not properly co
Force main pipe failure at sewer pump station
When the blockage was cleared, no signs of any debris was noted. The next day (11/19/2012) at 8:00am, we televised th
Blockage was caused by Plumber pushing lateral roots into our main. When the blockage was cleared, we retrieved roots
A partial blockage in the city main line caused effluent to flow from manhole # 91and seepage from the private cleanout l
The lifeguards reported that there was water leaking from under the pier. Upon inspection, the main line had separated at

Spill occured in a residential neighborhood where there was no imput of grease from commercial businesses.

Roots and grease were found impeding flow.
Blockage cleared itself during investigation. Cause found to be a lateral liner installed which protruded into the main line

roots growing from a manhole wall fell into the flow line and plugged the sewer main at the manhole
roots in sewer main
rags (baby wipes) blocked pipeline

Caltrans contractor broke the sewer main.

Private contractor equipment malfunction

Leftover debris in pipe from contractor repairs made upstream the day before.

Main
Main
Other (specify below)
Main
Main
ocated at 898 5th Street. A voicemail was left o
a flex joint located apx 160' west of the chain li

Main
Main
Main

Main
Main
Main
Main
Main

Main
Main

Other (specify below)

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

The failure occurred 2 feet upstream from the manhole.
Olivenhain Pump Station, Force Main Pipe failure

n Linda Leitle phone at 0926 that was not heard until 1020. This caused apx an hour delay in sewer division personnel re
nk fence.

in equipment bypass hose

in manhole

	8	VCP
	8	VCP
	8	vcp
	10	cast iron
	8	PVC
	8	VCP
sponding	8	Clay
	6	wipes
	8	clay
	8	
	6	VCP
	8	
	8	VCP
	6	
	8	VCP
	10	clay
	8	Clay
	10	VCP

1986

1

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

Responded to report of possible sewer spill. Upon arrivel, noticed a very small amount of sewer water seeping from the m
We had 3 Atlas pumping trucks with a 5000 Gal capacity, 1 Atlas pumping truck with a 3500 Gal capacity and 7 Agency (

The Vactor truck was deployed to alleviate the blockage. Clean up crew's pressure washed and sanitized all above grour
The Port of San Diego is responsible for the maintenance of the pier. City staff closed the restrooms at the lifeguard stati
The Vactor truck was used to clear the blockage. The two gallons of effluent had sun dried while alleviating the blockage.

Once the plug was cleared the Sewer division pumped out the storm drain catch basin and recovered some of the spill; h

jetted the main to clear the blockage and removed leftover roots from the walls of the manhole

jetted and rodded pipe

N/A Rain event

N/A Rain event

11/13/2009 9:15

12/29/2011 11:15
11/18/2012 3:00

1/12/2007 18:30
1/22/2007 11:10

1/7/2010 8:30

9/28/2010 1:50

2/20/2013 12:35

5/14/2008 8:00
9/1/2008 15:00
9/23/2008 10:00

8/22/2010 5:00
9/10/2010 8:45
10/1/2010 10:00
10/9/2010 2:00
12/22/2010 0:00
12/21/2010 10:00
12/22/2010 0:00
12/22/2010 0:00
12/22/2010 4:00
6/18/2011 14:30
7/30/2011 11:00
8/28/2011 9:45

9/16/2011 9:00
10/8/2011 7:00

3/2/2012 15:00

3/14/2012 8:40
4/4/2012 9:20
4/20/2012 8:30
6/22/2012 22:00
6/28/2012 0:00

Adjusted schedule/method of preventive maintenance

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

Other (specify below)
Repaired sewer

Adjusted schedule/method of preventive maintenance

Added sewer to preventive maintenance program

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

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

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

Other (specify below)

Enforcement action against FOG source
Adjusted schedule/method of preventive maintenance
Other (specify below)
Adjusted schedule/method of preventive maintenance
Adjusted schedule/method of preventive maintenance

Temporary bypass pump system in place, Plans for permanent repair in design.

No further action. This is not a known trouble spot. This is an isolated incedent.
Port Plumbers were called to effect repairs.

We were notified by an obscure email address that is not generally used in emergencies. The person with email access w

Removed blockage
This line is already on a scheduled maintenance program. It appears construction debris was the cause of the blockage. \

Add manhole to root foaming program
Regular maintenace schedule
Because sewer repair was already done and the debris has now been removed, no further action is planned.

NA Rain event

NA Rain event
N/A rain event
N/A---rain event
Added manhole to root foaming schedule.
rodded mainsewer with rod truck.

Inspect sewer main with camera equipment.

jet rodded main line

No

No
No

No
No

No

Yes

Yes

No
Yes
No

No
No
No
No
No
No
Yes
Yes
Yes
No
No
No

No
No

Yes

No
No
No
Yes
Yes

The volume of the spill that entered the storm drain (estimate 100 Gals.) was not enough to reach receiving waters. We c
Upon inspection, did not see any evidence from the spill.
NA
No visual signs of spill, all spill water was captured and contained within an earthin swale, recovered and returned to the s
None
SPILL WAS CONTAINED IN A DIRT GOAT CORRAL/EASEMENT AREA BEHIND HOMES OFF OF VAL SERENO DRI
No visual impact
None noted

Spill did not reach receiving water
Spill did not reach receiving waters. All fluids were contained within storm drain pipe

Some flow appeared to reach dry bay bed.

No

Yes
Yes

No
Yes

No

No

No

No
No
Yes

Yes
No
No
No
No
No
No
No
No
No
No
No

No
No

No

No
No
No
No
No

N/A

None
Moonlight Beach
NONE
N/A
Imperial Beach

NA

No beaches impacted

N/A
NA
N/A

NA
N/A

Val Sereno Dry Lake

None
Moonlight Creek
NONE
Tiuana Estuary and Pacific Ocean
Pacific Ocean

Pond 10A

San Diego Bay
No surface waters impacted.
Tijuana River
None
Otay River

N/A
NA
N/A

NA
N/A
Open drain ditch in easement.
San Diego River
Chollas Creek
Chollas Creek
Alvarado Channel
Chollas creek
Alvarado channel
N/A
n/a
n/a
none
storm drian

Alvarado Channel
none
none
none
none
none
none

No water quality samples taken

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

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

No water quality samples taken;Not applicable to this spill

No water quality samples taken

No water quality samples taken

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

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
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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
No water quality samples taken

Bacteria Enterococcus, Fecal Cloriform, and Total Cloriform. All test results came back below the water quality standards
Samples were taken by the San Diego DEH, specific type of samples taken unknown at this time.

San Diego DEH took samples to determine if water pollution existed

Sewage dried on asphalt

None of the above

County Health Agency
County Health Agency

None of the above
County Health Agency

No water quality samples taken

None of the above

No water quality samples taken

No water quality samples taken
None of the above
Not applicable to this spill

None of the above
Not applicable to this spill
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
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

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

The Water quality samples were taken by the County Health Agency.

Sample were found negative - beach reopened on 1/22/07

${ssoDetails.resultsReportedExplanation}

${ssoDetails.resultsReportedExplanation}

117632	12/28/2011 14:10
126993	11/18/2012 2:10
131609	3/15/2013 21:45
96779	10/8/2009 9:30
10015	1/7/2010 8:00
105836	9/28/2010 2:00
131105	2/21/2013 15:42
83493	5/14/2008 7:30
86393	9/1/2008 19:10
	9/10/2010 10:00
	10/1/2010 5:30
106091	
107701	12/21/2010 10:50
107715	12/21/2010 10:50
107716	12/21/2010 10:50
107717	12/21/2010 10:50
107718	12/21/2010 10:50
113664	6/19/2011 11:00
114516	7/30/2011 12:00
115505	9/16/2011 9:15
116007	10/8/2011 8:00

9SSO10652	Active	784832	John Hill	Certified
9SSO10652	Active	785569	john hill	Certified
9SSO10652	Active	785888	john hill	Certified
9SSO10652	Active	786173	jhill	Certified
9SSO10652	Active	786299	john hill	Certified
9SSO10652	Active	787197	johnhill	Certified
9SSO10652	Active	788161	john hill	Certified
9SSO10652	Active	788883	john hill	Certified
9SSO10652	Active	789109	john hill	Certified
9SSO10652	Active	789116	John Hill	Certified
9SSO10652	Active	789117	John Hill	Certified
9SSO10652	Active	789119	John Hill	Certified
9SSO10652	Active	789457	john hill	Certified
9SSO10652	Active	790245	john hill	Certified
9SSO10652	Active	790249	john hill	Certified
9SSO10652	Active	790924	john hill	Certified
9SSO10652	Active	791001	john hill	Certified
9SSO10652	Active	791768	jhill	Certified
9SSO10652	Active	792195	Bryant Hill	Certified
9SSO10652	Active	792212	Bryant Hill	Certified
9SSO10652	Active	792394	Bryant Hill	Certified
9SSO10652	Active	792419	Bryant Hill	Certified
9SSO10652	Active	793603	Bryant Hill	Certified
9SSO10652	Active	793612	Bryant Hill	Certified
9SSO10652	Active	793698	Bryant Hill	Certified
9SSO10652	Active	793701	Bryant Hill	Certified
9SSO10652	Active	794566	Bryant Hill	Certified
9SSO10652	Active	795649	Bryant Hill	Certified
9SSO10652	Active	795653	Bryant Hill	Certified
9SSO10652	Active	798006	Bryant Hill	Certified
9SSO10652	Active	798567	Bryant Hill	Certified
9SSO10652	Active	799368		Work In Progress
9SSO10652	Active	799430	Bryant Hill	Certified
9SSO10652	Active	799516	Bryant Hill	Certified
9SSO10652	Active	799752		Work In Progress
9SSO10652	Active	799980	Rod Hamilton	Certified
9SSO10652	Active	800560	Bryant Hill	Certified
9SSO10652	Active	800561	Bryant Hill	Certified
9SSO10652	Active	800650	Bryant Hill	Certified
9SSO10652	Active	800651	Bryant Hill	Certified
9SSO10652	Active	801156	Bryant Hill	Certified
9SSO10653	Active	646612	David Shissler	Certified
9SSO10653	Active	646739	David Shissler	Certified
9SSO10653	Active	646965	David Shissler	Certified
9SSO10653	Active	651078	David Shissler	Certified
9SSO10653	Active	656961	David Shissler	Certified
9SSO10653	Active	714410	David Shissler	Certified
9SSO10653	Active	716289	David Shissler	Certified
9SSO10653	Active	720146	David Shissler	Certified
9SSO10653	Active	728787	David Shissler	Certified
9SSO10653	Active	728993	David Shissler	Certified
9SSO10653	Active	734045	David Shissler	Certified
9SSO10653	Active	734642	David Shissler	Certified
9SSO10653	Active	736333	David Shissler	Certified
9SSO10653	Active	737007	David Shissler	Certified

supervisor
crew leader
crew leader
crew leader
crew leader
creaw leader
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crew leader
PW Crew Leader
PW Crew Leader
PW Crew Leader
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Manager
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Manager
Manager

Supt. of Public Works
Manager
Manager
Manager
Manager
Manager
Director of Water Quality
Director of Water Quality
Director of Water Quality
Director of Water Quality
Director of Water Quality
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Director of Water Quality
Director of Water Quality
Director of Water Quality

lamesa		275276
lamesa		608272
la mesa		746503
lamesa		936740
la mesa		809674
lla mesa		844160
la mesa		697944
la mesa		444701
lamesa		365667
La Mesa		207407
La Mesa		599132
La Mesa		293171
la mesa		241506
lamesa ca		364520
lamesa		774324
la mesa		948643
la mesa		992161
la mesa		474368
La Mesa		240745
La Mesa		408405
La Mesa, CA		836886
La Mesa CA		232072
City of La Mesa		511601
City of La Mesa		428101
City of La Mesa		189167
City of La Mesa		744109
City La Mesa		418279
City of La Mesa		259469
City of La Mesa		726006
City of La Mesa		327243
City of La Mesa		936663
City of La mesa		461530
City of La Mesa		708449
City of La Mesa Public Works		967376
La Mesa Ca		878722
City of La Mesa		165927
City La Mesa		371831
City of La Mesa		231174
City La Mesa		779668
City of Laguna Beach		604183
	3/1/2007	882145
City of Laguna Beach		502245
City of Laguna Beach		676895
City of Laguna Beach		977191
City of Laguna Beach		938301
City of Laguna Beach		818408
City of Laguna Beach		677344
City of Laguna Beach		658442
City of Laguna Beach		362585
City of Laguna Beach		461319
City of Laguna Beach		105988
City of Laguna Beach		215469
City of Laguna Beach		836242

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

Category 3		75	0
Category 3		45	0
Category 3		280	140
Category 3		195	195
Category 3		180	180
Category 3		400	0
Category 3		10	0
Category 3		65	65
Category 3		950	950
Category 3		150	0
Category 3		375	0
Category 3		750	0
Category 3		110	0
Category 3		110	0
Category 3		90	90
Category 3		35	0
Category 3		35	35
Category 3		125	125
Category 3		12	12
Category 3		45	0
Category 3		10	10
Category 3		825	825
Category 3		25	0
Category 3		10	0
Category 3		45	45
Category 3		175	175
Category 3		12	12
Category 3		200	200
Category 3		90	0
Category 3	0	120	120
Category 3	25	25	25
Category 3	100	100	100
Category 3	120	120	120
Category 3	0	270	270
Category 3	45	45	45
Category 3	390	390	390
Category 3	1	1	1
Category 3	375	375	375
Category 3	25	25	25
Category 3	840	840	840
Category 3	25	25	25
Category 2		2000	1800
Category 3		100	
Category 3		20	
Category 2		2400	2400
Category 3		50	40
Category 3		200	0
Category 1		138000	80000
Category 3		50	50
Category 1		591000	1000
Category 3		300	300
Category 1		10	10
Category 3		20	20
Category 1		30	0
Category 3		50	40

0	No	No
0	No	No
0	No	Yes
0	No	No
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0	No	Yes
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0	No	Yes
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0	No	No
0	No	No
	No	No
	No	No
0	No	No
0	No	No
	No	No
58000	Yes	Yes
0	No	No
590000	Yes	Yes
0	No	No
10	Yes	Yes
0	No	No
30	Yes	Yes
0	No	No

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

7422 Orien ave
3800 Carbo ct la mesa
4181 Lois st La Mesa
panorama drXEchodr
4604 judson way lamesa
4401 palm ave la mesa
4803 jessie ave lamesa
9190 Altamont Rd. La Mesa Ca
7100 pearson st la mesa
4531 Alta Lane, La Mesa CA
4112 Lois St. La Mesa CA
4044 Lois St. La Mesa
4132 Lois Street
4131 lois st la mesa
7940 university ave la mesa
4709 Harbinson av la mesa
8605 Butte La Mesa, Ca. 91942
4610 maple av la mesa ca
Lubbock ave. LaMesa Ca.91942
4301 Date Ave. La Mesa, CA 91942
7380 Orien Ave
70 th & Amtherst
4280 Harbinson Ave.
8130 Allison Ave
5150 Wilson St
7940 University Ave
8722 Crockett, La Mesa, CA 91942
4691 73rd street La Mesa, Ca. 91942
4762 Jessie Ave. La Mesa, CA 91942
4343 Valle
5921 Jackson Dr. La Mesa, Ca 91942
4632 Edenvale
7101 Amherst
4064 Apore St
6990 University Ave
4401 Palm Avenue
Lubbock and Cleburn
5826 Pawnee Dr
8595 Chevy Chase
7581 Seton Hall
8865 Joris Way La Mesa Ca
1955 Temple Hills Drive
Millers Pump Station #(4)
The Inn at Laguna (Hotel)
Galen Drive
1377 Dunning Drive
2586 Temple Hills
Bluebird Beach
Bern Drive
Bluebird SOCWA Lift Station
Alta Vista Wy
Laguna Beach Community Center
1420 Hillcrest Drive
520 Cliff Dr.
Wards Terrace

32.75128	-117.03699	San Diego
32.74807	-117.02852	San Diego
32.75331	-117.04764	San Diego
32.75741	-117.00824	San Diego
32.76155	-117.05265	San Diego
32.75917	-117.01553	San Diego
32.76701	-117.03732	San Diego
32.79518	-116.99933	San Diego
32.74843	-117.04489	San Diego
32.76212	-117.02222	San Diego
32.75172	-117.04839	San Diego
32.75155	-117.04844	San Diego
32.75219	-117.04829	San Diego
32.75219	-117.04783	San Diego
32.76438	-117.02723	San Diego
32.76438	-117.04172	San Diego
32.76253	-117.01151	San Diego
32.76243	-117.03054	San Diego
32.78756	-117.00762	San Diego
32.75784	-117.01971	San Diego
32.750782	-117.038923	San Diego
32.76763	-117.04696	San Diego
32.75646	-117.04531	San Diego
32.76606	-117.02261	San Diego
32.77309	-117.00716	San Diego
32.75862	-117.03597	San Diego
32.79015	-117.00993	San Diego
32.76413	-117.04004	San Diego
32.76605	-117.0371	San Diego
32.75562	-117.0177	San Diego
32.78626	-117.01877	San Diego
32.76276	-117.01407	San Diego
32.76749	-117.04541	San Diego
32.75218	-117.03768	San Diego
32.75574	-117.04774	San Diego
32.75918	-117.01552	San Diego
32.77495	-117.01467	San Diego
32.78228	-117.03567	San Diego
32.76557	-117.01206	San Diego
32.77582	-117.03513	San Diego
32.758333	-117.006389	San Diego
33.544444	-117.761111	Orange
33.523889	117.765556	Orange
33.5475	117.785833	Orange
33.530278	117.772222	Orange
33.548889	117.791111	Orange
33.548611	117.758611	Orange
33.5275	117.769722	Orange
33.530278	117.7725	Orange
33.530278	117.772222	Orange
33.530833	117.770278	Orange
33.543611	-117.780833	Orange
33.558333	-117.775556	Orange
33.545	-117.792778	Orange
33.544722	-117.792778	Orange

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Manhole located in easement
2529 S Coast Hwy
excavation in public sidewalk
Galen Drive approximately 100 ft north of intersection of Bluebird Canyon Road.
Structure/building
On February 28, 2008 at 6:00 p.m., Laguna Beach Police Dispatch contacted the Wastewater Division's emergency on-ca
Controlled release necessary to effect repairs on the North Interceptor; a 27-inch ACP transmission main.
Shower in bathroom of residence.
The spill occurred at the Bluebird SOCWA Lift Station's drywell.
manhole was surcharged at the intersection of Alta Vista Wy and San Clemente Wy
Building lateral clean out at new Community Center
Manhole in front of 1420 Hillcrest Drive
Clean out in private parking structure at 520 Cliff Drive.
Private Clean out at the residents at 2846 Wards Terrace.

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all staff member Todd Olver. PD Dispa

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

spill was on the street
clean out

Property cleanout cap to 9190 Altamont Rd.

Crack in Sidewalk, driveway apporach
Lateral/home

From beneath asphalt roadway (no curb and gutter or sidewake in the area)

City manhole in the backyard of 1955 Temple Hills Drive.
Apt #(4) Villa Rockledge

weeping/ leaking coming up out of asphalt in Galen Drive

Air/Vacuum Release Valve Vault - Failed Service Saddle supporting the valve assembly created leak.
Due to a mainline blockage caused the shower to overflow and go into the closet and the bedroom of the residents
The drywell of the Bluebird lift station became submerged and the first point of spill appearance was from the front door c
surcharged manhole
clean out
Mainline Blockage due to Lateral roots.
Clean out in private parking structure at 520 Cliff Dr. maintenance crew washed down affected area witch cause sump pu
City mainline was plugged this causing the private clean out at 2846 Ward's Terrace to overflow.

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

Vactor
Vactor

Aquatec Truck 200 was set up in the drainage channel of the street and used vacuum truck to catch all runoff from spill.
Apt #(4) Villa Rockledge
Twenty (20) gallons soaked into the grown.
Leaking was redirected into a 2-inch temporary collection pipe and drained back into the collection system on Galen Stree
A restoration company cleaned and mitagated the spill
Cleanup efforts were minimal due to access limitations; the spill occurred on a steep hillside. Crew estimated that of the
Pacific Ocean - Storm Drain was used to partially capture the spill and was pumped back into the sewer system.
Blockage caused the shower to overflow and go into the closet and the bedroom of the residence. A restoration company
The spill was controlled and contained into a large storm drain pipe directing the flow to Bluebird Beach and directly into t
CDS Unit - That is to state the flow from this spill that wasn't immediately cleaned up traveled into an urban water diversi
Vactor Truck captured the spill and all water used for cleaning.
Dried up in the street at the fourteen hundred block of Hilcrest Drive
The storm drain leads directly to the beach bluff top above Picnic Beach and the overflow of sewage and water may have
A sandy area at the bottom of the steps of 2846 Ward's Terrace was the final destination.

8/8/2012 8:00	8/8/2012 8:00	8/8/2012 8:25	8/8/2012 8:27
8/26/2012 9:05	8/26/2012 9:42	8/26/2012 10:20	8/26/2012 10:33
9/2/2012 0:00	9/2/2012 7:00	9/2/2012 7:45	9/2/2012 7:55
9/12/2012 10:40	9/12/2012 10:40	9/12/2012 11:30	9/12/2012 11:45
9/15/2012 9:01	9/15/2012 9:50	9/15/2012 10:25	9/15/2012 10:45
10/14/2012 1:30	10/14/2012 1:30	10/14/2012 2:05	10/14/2012 2:10
11/16/2012 9:00	11/16/2012 9:00	11/16/2012 9:00	11/16/2012 9:10
12/8/2012 16:15	12/8/2012 16:30	12/8/2012 17:10	12/8/2012 17:35
11/22/2012 10:00	11/22/2012 10:00	11/22/2012 10:40	11/22/2012 11:35
11/25/2012 12:30	11/25/2012 12:30	11/25/2012 13:30	11/25/2012 13:45
12/4/2012 18:45	12/4/2012 18:45	12/4/2012 19:15	12/4/2012 20:00
12/4/2012 8:00	12/4/2012 8:00	12/4/2012 10:00	12/4/2012 10:30
12/22/2012 22:30	12/22/2012 22:30	12/22/2012 23:10	12/23/2012 0:20
12/22/2012 10:30	12/22/2012 11:10	12/22/2012 11:10	12/22/2012 12:20
12/18/2012 7:15	12/18/2012 7:30	12/18/2012 7:30	12/18/2012 7:45
1/28/2013 3:17	1/28/2013 3:17	1/28/2013 3:25	1/28/2013 3:40
1/28/2013 19:30	1/28/2013 19:30	1/28/2013 19:50	1/28/2013 20:05
1/31/2013 8:00	1/31/2013 8:05	1/31/2013 8:15	1/31/2013 8:30
2/27/2013 11:15	2/27/2013 11:15	2/27/2013 11:25	2/27/2013 11:40
2/27/2013 20:15	2/27/2013 20:15	2/27/2013 20:50	2/27/2013 21:00
2/13/2013 16:30	2/13/2013 16:30	2/13/2013 17:15	2/13/2013 17:30
3/2/2013 15:00	3/2/2013 15:00	3/2/2013 15:25	3/2/2013 17:45
4/21/2013 11:05	4/21/2013 11:05	4/21/2013 11:30	4/21/2013 11:30
4/23/2013 8:30	4/23/2013 8:30	4/23/2013 8:40	4/23/2013 8:40
4/26/2013 14:20	4/26/2013 14:20	4/26/2013 14:45	4/26/2013 15:05
4/28/2013 18:10	4/28/2013 18:10	4/28/2013 18:35	4/28/2013 18:45
5/24/2013 17:24	5/24/2013 17:24	5/24/2013 18:00	5/24/2013 18:10
6/15/2013 13:50	6/15/2013 13:50	6/15/2013 14:20	6/15/2013 14:30
6/15/2013 11:35	6/15/2013 11:35	6/15/2013 12:15	6/15/2013 12:20
8/16/2013 20:00	8/16/2013 21:00	8/16/2013 21:30	8/16/2013 22:00
9/8/2013 20:30	9/8/2013 20:30	9/8/2013 20:50	9/8/2013 21:30
10/2/2013 6:00	10/2/2013 6:00	10/2/2013 6:50	10/2/2013 7:00
10/3/2013 18:00	10/3/2013 18:00	10/3/2013 18:30	10/3/2013 19:00
10/7/2013 6:00	10/7/2013 6:00	10/7/2013 7:15	10/7/2013 7:30
10/12/2013 12:30	10/12/2013 13:00	10/12/2013 13:25	10/12/2013 14:00
10/20/2013 9:01	10/20/2013 9:01	10/20/2013 9:30	10/20/2013 9:40
11/3/2013 17:11	11/3/2013 17:11	11/3/2013 17:39	11/3/2013 17:51
11/5/2013 20:31	11/5/2013 20:31	11/5/2013 20:52	11/5/2013 21:07
11/11/2013 7:30	11/11/2013 7:30	11/11/2013 8:00	11/11/2013 8:20
11/10/2013 10:10	11/10/2013 10:10	11/10/2013 10:45	11/10/2013 10:45
11/23/2013 12:15	11/23/2013 12:15	11/23/2013 12:50	11/23/2013 13:05
1/27/2007 10:15	1/27/2007 10:15	1/27/2007 10:25	1/27/2007 11:05
1/31/2007 23:59	2/1/2007 8:30	2/1/2007 8:30	2/1/2007 1:00
2/9/2007 11:00	2/9/2007 16:42	2/9/2007 16:45	2/9/2007 13:30
5/21/2007 7:00	5/21/2007 7:30	5/21/2007 7:30	5/24/2007 17:45
9/5/2007 8:30	9/5/2007 8:30	9/5/2007 8:45	9/5/2007 9:02
2/28/2008 18:00	2/28/2008 18:15	2/28/2008 18:15	2/28/2008 18:30
4/17/2008 15:30	4/17/2008 16:30	4/17/2008 16:45	4/19/2008 4:00
6/22/2008 11:00	6/22/2008 13:50	6/22/2008 14:00	6/22/2008 14:30
10/29/2008 0:00	10/29/2008 1:30	10/29/2008 1:50	10/29/2008 10:00
11/4/2008 15:45	11/4/2008 15:50	11/4/2008 15:55	11/4/2008 16:00
2/24/2009 15:30	2/24/2009 15:35	2/24/2009 15:45	2/24/2009 16:00
3/6/2009 10:00	3/6/2009 10:07	3/6/2009 10:15	3/6/2009 10:12
4/13/2009 0:00	4/13/2009 18:30	4/13/2009 18:55	4/13/2009 19:02
4/30/2009 10:49	4/30/2009 10:50	4/30/2009 11:00	4/30/2009 11:10

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

unknown

drit / rocks

FOG and roots
Rags, diapers

Unconnected private sewer lateral

Roots from 6-inch private lateral
Power Outage
Contractor error
27 force main had a seal failure
Private sewer lateral roots blocked the City mainline

Failed Vacuum Release Valve Service Saddle - age, exposure to salt air, and sewer gas are the apparent cause of failure
The sewer collection pipeline serving this area is lined. Tree roots in mainline are presumed to have been pushed into th
It has been determined that the likely cause of the spill was due to the incorrect installation of a mechanical pipe fitting pe
Rags and Roots - While not conclusive, this material found in the blockage strongly suggests the material commonly four
Clean out was plugged to main line due to rags and towels in lateral
Lateral roots infiltrated the collection system and plugged mainline.
The cause of the stoppage was an abundance of cloth material/rags and roots.
Debri plugged mainline this causing the sewer to come out of the Private system.

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

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

City Mainline

The sewer collection pipeline serving this area is lined and was cleaned three months prior to this incident. Tree roots in r
Drywell on discharge end of the pump no. 1.
this material found in the blockage strongly suggests the material commonly found in the main after a plumber has cut roo
Building Sewer Lateral Clean-out was near point of connection.
City Mainline
The City Main line in between these manholes #E19-004 and #E19-021. The main line stoppage appears to have been c
City Mainline

No		
No	4	
No		
No		
No		
No		
No		
No		
No		
No		
No		
No		
	8	VCP
	4	
	8	VCP
	27	ACP
	8	clay
	8	n/a
	0	
mainline are presumed to ha	0	
ots out of a private lateral an	8	vcp
	4	clay
	8	clay
caused by a private plumbing	8	lined
	8	Cast Iron

25
20

26

5

0

20
7
20
4
40

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

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

Set up Aquatec Truck 200 in the drainage channel and vacuumed up all portion of the spill.
Restored Power to Lift station
Contractor made repairs to the City mainline and removed the water and mud from the excavation pit.
By passed station till repairs were made to 27 force main.

Staff proceeded to use a high pressure jetting truck 197 from the downstream manhole, (manhole #H18-035) to the upstr
Because the leak was located in the Caltrans rights-of-way, it required a multi-jurisdictional response. The nature of an u
City staff arrived on scene and proceeded to setup at the down stream manhole (I18-027) and jet up to manhole (I18-01
A full mobilization of City staff, South Coast Water District staff, and an emergency bypass contractor were immediately
Bermed outlet area of downstream storm drain, restored flow back to the collection system, cleaned all affected areas
Two sewer crews were dispatched to assess the source of the spill, conduct clean-up operations along the gutter line and
Staff proceeded to use a high pressure jetting truck 197 from the downstream manhole, (manhole #D18-045) to the upstr
Staff using the Aqua Tec, set up at the manhole (#E19-021) and broke the stoppage at approximately 200ft.
Staff arrived on scene and immediately formed a sand berm in residents yard to contain spill from leaving private propert

9/2/2012 8:30

1/27/2007 12:30

5/28/2007 15:00

4/19/2008 4:30

10/29/2008 10:00

2/24/2009 16:10

4/13/2009 7:02

Plan rehabilitation or replacement of sewer

Adjusted schedule/method of preventive maintenance

Repaired sewer

Repaired sewer

Other (specify below)

Other (specify below)

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

The hard surface area exposed was washed and vacuumed cleaned.

Replaced failed service saddle supporting the existing air/vacuum release valve assembly. As a precautionary measure

It has been determined that the likely cause of the spill was due to the incorrect installation of a mechanical pipe fitting pe

Water Quality staff bermed the gutter line and the inlet to the storm drain catch basin and in the process vacuumed drain

CCTV inspection of the main sewer line, also notices to residents with lateral problem.

Yes

No

No

Yes

Yes

No

No

No impacted receiving water
N/A
N/A
NA

none
Following the spill, some solid waste was observed and removed. No permanent impacts were observed.
none
The Pacific Ocean was polluted by the spill and recreational use was prohibited by on-scene Marine Safety staff.
none
n/a
None
n/a
N/A

No

No

No

Yes

Yes

No

Yes

No impacted beaches

NA

Bluebird and Agate Street beaches were directly impacted. Exposure potential caused other beached to be closed.

The initial closure established by Orange County was from Camel Point as the southerly limits to Cresent Bay as the nortl

N/A

Picnic Beach

none
none
none
none
none

none
None
none
None
None
None
None
none
none

none impacted

None
N/A
N/A
N/A

None
None
None

No impacted surface waters

NA

Pacific Ocean

Pacific Ocean

The spill reached the public street gutter but was intercepted prior to entering the storm drain catch basin.

Pacific Ocean
Sand was removed around the residents, cleaned up and removed by City employee's

No water quality samples taken

No water quality samples taken

No water quality samples taken

Biological indicator(s) - specify below

Other (specify below)

No water quality samples taken

Other (specify below)

N/A

Per OCHA testing

Total Coliform, Fecal Coliform, and Enterococcus performed by the Orange County Health Agency

None

The Orange County Health Agency will sample the spill area. A Precautionary Beach posting was made pending the prot

None of the above

None of the above

None of the above

County Health Agency

None of the above

None of the above

County Health Agency

No water quality samples results

OCHA reports the results from their test samples.

Orange County Health reports the sampling results per the prescribed protocols.

N/A

n/a

70635	1/30/2007 15:55
81703	2/28/2008 18:55
82864	4/17/2008 16:25
84453	6/22/2008 8:00
87786	10/29/2008 3:00
87954	11/4/2008 16:36
91625	2/24/2009 17:00
92063	3/6/2009 11:43
92960	4/13/2009 19:23
93344	4/30/2009 11:52

John Hill	6196671450
Bryant Hill	6196671478
John Hill	6196671450
Randy Goodell	6196671450
John Hill	6196671450
John Hill	6196671450
John Hill	6196671450
John Hill Supervisor	6196671450
John Hill Supervisor	6196671450
John Hill Supervisor	6196671450
John Hill Crew Leader	6196671450
John Hill	6196671450

9SSO10653	Active	737831	David Shissler	Certified
9SSO10653	Active	737929	David Shissler	Certified
9SSO10653	Active	739040	David Shissler	Certified
9SSO10653	Active	742168	David Shissler	Certified
9SSO10653	Active	745548	David Shissler	Certified
9SSO10653	Active	746069	David Shissler	Certified
9SSO10653	Active	746602	David Shissler	Certified
9SSO10653	Active	747157	David Shissler	Certified
9SSO10653	Active	748097	David Shissler	Certified
9SSO10653	Active	749157	David Shissler	Certified
9SSO10653	Active	753214	David Shissler	Certified
9SSO10653	Active	753683	David Shissler	Certified
9SSO10653	Active	756630	David Shissler	Certified
9SSO10653	Active	759946	David Shissler	Certified
9SSO10653	Active	759947	David Shissler	Certified
9SSO10653	Active	759949	David Shissler	Certified
9SSO10653	Active	759952	David Shissler	Certified
9SSO10653	Active	759955	David Shissler	Certified
9SSO10653	Active	763106	David Shissler	Certified
9SSO10653	Active	763368	David Shissler	Certified
9SSO10653	Active	764488	David Shissler	Certified
9SSO10653	Active	765390	David Shissler	Certified
9SSO10653	Active	767170	David Shissler	Certified
9SSO10653	Active	767604	David Shissler	Certified
9SSO10653	Active	767827	David Shissler	Certified
9SSO10653	Active	767880	David Shissler	Certified
9SSO10653	Active	769512	David Shissler	Certified
9SSO10653	Active	770394	David Shissler	Certified
9SSO10653	Active	771551	David Shissler	Certified
9SSO10653	Active	772723	David Shissler	Certified
9SSO10653	Active	775602	David Shissler	Certified
9SSO10653	Active	778558	David Shissler	Certified
9SSO10653	Active	779258	David Shissler	Certified
9SSO10653	Active	785167	David Shissler	Certified
9SSO10653	Active	786934	David Shissler	Certified
9SSO10653	Active	787195	David Shissler	Certified
9SSO10653	Active	788259	David Shissler	Certified
9SSO10653	Active	790606	David Shissler	Certified
9SSO10653	Active	791111	David Shissler	Certified
9SSO10653	Active	793440	David Shissler	Certified
9SSO10653	Active	793625	David Shissler	Certified
9SSO10653	Active	793717	David Shissler	Certified
9SSO10653	Active	793723	David Shissler	Certified
9SSO10653	Active	794502	David Shissler	Certified
9SSO10653	Active	794638	David Shissler	Certified
9SSO10653	Active	794930	David Shissler	Certified
9SSO10653	Active	796548	David Shissler	Certified
9SSO10653	Active	798161	David Shissler	Certified
9SSO10653	Active	798638	David Shissler	Certified
9SSO10653	Active	798962	David Shissler	Certified
9SSO10653	Active	799229	David Shissler	Certified
9SSO10653	Active	800672	David Shissler	Certified
9SSO10654	Active	704805	Patrick Lund	Certified
9SSO10654	Active	707251	Mike James	Certified
9SSO10654	Active	711904	Patrick Lund	Certified

Director of Water Quality
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Director of Water Quality
Public Works Director / District Engineer
Public Works Director
Public Works Director / District Engineer

City of Laguna Beach		637109
City of Laguna Beach		623868
City of Laguna Beach		104888
City of Laguna Beach		207477
City of Laguna Beach		293746
City of Laguna Beach		789940
City of Laguna Beach		830966
City of Laguna Beach		551478
City of Laguna Beach		301226
City of Laguna Beach		245452
City of Laguna Beach		763446
City of Laguna Beach		383674
City of Laguna Beach		228957
City of Laguna Beach		525594
City of Laguna Beach		215417
City of Laguna Beach		483521
City of Laguna Beach		405143
City of Laguna Beach		347614
City of Laguna Beach		105490
City of Laguna Beach		867668
City of Laguna Beach		654320
City of Laguna Beach		318563
City of Laguna Beach		952309
City of Laguna Beach		603825
City of Laguna Beach		602900
City of Laguna Beach		482267
City of Laguna Beach		473748
City of Laguna Beach		408430
City of Laguna Beach		771713
City of Laguna Beach		107248
City of Laguna Beach		574109
City of Laguna Beach		824366
City of Laguna Beach		403840
City of Laguna Beach		201870
City of Laguna Beach		853958
City of Laguna Beach		788735
City of Laguna Beach		687130
City of Laguna Beach		723504
City of Laguna Beach		548358
City of Laguna Beach		964215
City of Laguna Beach		867547
City of Laguna Beach		772641
City of Laguna Beach		113525
City of Laguna Beach		791593
City of Laguna Beach		931567
City of Laguna Beach		357738
City of Laguna Beach		355286
City of Laguna Beach		941715
City of Laguna Beach		154381
City of Laguna Beach		603835
City of Laguna Beach		266022
City of Laguna Beach		816688
City Hall, Lemon Grove		954450
	7/13/2011	211855
City Hall, Lemon Grove		345468

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

Category 3		2	2
Category 3		100	100
Category 3		15	15
Category 3		200	200
Category 3		70	50
Category 3		100	0
Category 3		20	10
Category 3		200	0
Category 3		100	100
Category 1		400	0
Category 3		2	2
Category 1		15	0
Category 3		85	85
Category 1		11400	0
Category 1		47000	0
Category 1		5000	0
Category 1		200	0
Category 1		200	0
Category 1		150	0
Category 1		150	0
Category 3		5	5
Category 3		20	0
Category 2		2100	2100
Category 3		150	150
Category 1		550	550
Category 3		100	0
Category 3		400	0
Category 3		3	3
Category 3		150	0
Category 3		300	0
Category 3		200	200
Category 3		500	500
Category 3		25	25
Category 3		200	200
Category 3		10	10
Category 1		8	6
Category 3		400	400
Category 3		1	0
Category 3		100	100
Category 1		100	0
Category 1		100	0
Category 2		1000	1
Category 3		500	1
Category 3		50	20
Category 3		250	0
Category 1		30	30
Category 3		40	40
Category 3		10	10
Category 3	49	49	49
Category 2	1000	1000	0
Category 3	0	50	50
Category 3	200	200	200
Category 3		90	0
Category 3		30	0
Category 3		40	20

0	No	Yes
0	No	Yes
0	No	No
0	No	No
0	No	Yes
0	No	No
0	No	Yes
0	No	No
0	No	No
400	Yes	Yes
0	No	No
15	Yes	Yes
0	No	Yes
11400	Yes	Yes
47000	Yes	Yes
5000	Yes	Yes
200	Yes	Yes
200	Yes	Yes
150	Yes	Yes
150	Yes	Yes
0	No	No
0	No	No
0	No	Yes
0	No	Yes
150	Yes	Yes
0	No	No
0	No	No
0	No	Yes
0	No	No
0	No	No
0	No	No
0	No	No
0	No	No
0	No	Yes
0	Yes	Yes
2	Yes	Yes
0	No	No
0	No	No
0	No	No
80	Yes	Yes
100	Yes	Yes
0	No	Yes
0	No	Yes
0	No	No
0	No	No
1	Yes	Yes
0	No	No
0	No	Yes
0	No	No
0	No	No
0	No	Yes
0	No	No
	No	No
0	No	No
	No	No

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

Bluebird SOCWA Lift Station
Galen Drive
2835 Bernard Court
Bluebird SOCWA lift station bypass
Crestview Place
828 Bluebird Canyon Lane
Nyes Place Lift Station
Starlit Drive
Cleo Street Pump Station
Temple Hills
1542 Santa Cruz
20652 Laguna Canyon Road
747 Nyes Place
Bluebird SOCWA Lift Station
Main Beach Lift Station
Loma Terrace
Laguna Canyon Road
Laguna Beach Animal Shelter
Bluebird Canyon Drive
Laguna Beach Homeless Shelter
230 High Drive
437 Panorama
1509 Galen Drive
Flora
Cerritos Drive
165 Moss Street
879 Cliff Drive
1500 Galen Drive
Bluebird Park
El Toro Road
2867 Terry Road
Surf and Sand Hotel
2616 Temple Hills Drive Laguna Beach, Ca. 92691
1202 Starlit
1500 Block of Galen Drive
1411 Regata
741 Summit Drive
1389 Terrace Way
508 Mystic Way
1217 Skyline Drive
1960 San Remo Drive
1103 Skyline Drive
998 & 1017 Skyline Drive
142 Sunset Terrace
Alta Laguna
South Coast Highway
Terry Road
575 Through Street
Manzanita Drive
935 Canyon View
1540 Galen Drive
520 Cliff Drive
Cedral SSO
7928 Barton Drive
2930 Main Street

33.531389	-117.7729	Orange
33.530833	-117.772778	Orange
33.543889	-117.755	Orange
33.531234	-117.7729	Orange
33.52889	-117.76618	Orange
33.536667	-117.769722	Orange
33.521389	-117.762222	Orange
33.537778	-117.760278	Orange
33.538333	-117.780278	Orange
33.539722	-117.769444	Orange
33.53351	-117.76965	Orange
33.57132	-117.76303	Orange
33.52165	-117.75623	Orange
33.53162	-117.77272	Orange
33.54312	-117.78631	Orange
33.54437	-117.7805	Orange
33.56818	-117.7635	Orange
33.54225	-117.78311	Orange
33.53709	-117.76105	Orange
33.57127	-117.76304	Orange
33.5477	-117.78485	Orange
33.55213	-117.79992	Orange
33.53082	-117.77284	Orange
33.52965	-117.77064	Orange
33.53869	-117.76914	Orange
33.52525	-117.76809	Orange
33.54574	-117.79714	Orange
33.53085	-117.77284	Orange
33.53428	-117.76983	Orange
33.58517	-117.75764	Orange
33.52135	-117.76113	Orange
33.53035	-117.77318	Orange
33.549	-117.75778	Orange
33.53834	-117.76009	Orange
33.53077	-117.77284	Orange
33.53861	-117.76091	Orange
33.53232	-117.76771	Orange
33.54144	-117.76701	Orange
33.54473	-117.77796	Orange
33.54647	-117.77637	Orange
33.54483	-117.76597	Orange
33.54523	-117.77601	Orange
33.54362	-117.77457	Orange
33.52134	-117.76395	Orange
33.55159	-117.7563	Orange
33.53814	-117.7799	Orange
33.52038	-117.76021	Orange
33.54129	-117.77979	Orange
33.54316	-117.7756	Orange
33.53927	-117.77084	Orange
33.53104	-117.77292	Orange
33.54534	-117.79322	Orange
32.736389	117.05	San Diego
32.726486	-117.028118	San Diego
32.733333	-117.016667	San Diego

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From Glenneyre Street to storm drain in cul-de-sac at dead end of Galen Drive.
Manhole located at the 1500 block of Galen Drive. Manhole G20-177
Private Clean out
Spill was contained in a sandbag berm with plastic liner BMP. The containment area was set up around temporary bypas
At the address of 2209 Crestview Place
Manhole in the backyard of 828 Bluebird Canyon Lane on private property.
Damaged Force Main at Nyes Place Lift Station
Backyard of 1202 Starlit Drive
Cleo Street Pump Station failed due to loss of power.
Surcharged manhole
Manhole in the driveway of 1542 Santa Cruz
Manhole on AT&T property
Wastewater was comming out of a manhole in front of 747 Nyes Place.
Manhole adjacent to Bluebird SOCWA Lift Station
Gravity Sewer Main in Coast Highway approximately 200 ft north of Broadway.
Manhole
Manhole
Manhole in the animal shelter parking lot
Manhole(ref. number) H20-043 was surcharged and overflowing onto Bluebird Canyon Drive.
City operated cleanout that services Laguna Beach Homeless Shelter.
Private Clean out
Manhole at 437 panorama
Water was overflowing from a manhole servicing the city's sewer.
Staff set up Aqua tec at the 1700 Block of Glenneyre and broke blockage at up stream manhole.
Manhole in the backyard of 1295 Cerritos Drive
Coming out of a broken sewer main caused by a contractor
City easement in the backyard of 879 Cliff Drive
Manhole
Overflowing manhole
Coming out of a manhole on the side of the road
Approximately 200 gallons was contained in the residents basement at 2867 Terry Road
Clean out in parking structure of the Surf and Sand Hotel.
Spill was located at 2616 temple Hills Drive. in the drive way of the resident.
Spilll occurred in the backyard of 1202 Starlit Drive
Coming out of the Manhole
On the corner of Regatta Road and Bluebird Canyon Drive
741 Summit Drive
Manhole G19-247 on Cerritos
Manhole in backyard
Manhole number F18-120
Manhole number H19-003
Manhole (F18-155) in front of 1103 Skyline Drive
Manhole (G19-100) in front of 998 Skyline Drive and backflow into 998 & 1017 Skyline Drive
Manhole in front of 142 Sunset Terrace
Man hole behind 3149 Alta Laguna Blvd
Manhole in front of 688 South Coast Highway
Private Clean out in basement
On Through Street on the pavement and in the gutter line.
Manhole in front of 800 block manzanita drive
Overflowing manhole at 935 Canyon View
Manhole at 1540 Galen Drive
A clean out in the parking structure of 520 Cliff Drive.
Sewer manhole in the backyard of a residential dwelling.
Residential Dwelling
Spill in masterbath and second bathroom.

s pumps to contain possible spills.

1
1
1
1

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

Debris in mainline this causing manhole to surcharge and overflow onto Galen Drive; from manhole# G20-177
Private clean out at residence address 2835 Bernard Court due to a blockage in the main line to lift station.
Intake line for temporary bypass pump.
Contractor error using a bobcat severed the 8 city main line
surcharged manhole
Damaged Force Main
Plugged City main line
An overflow tank that is underneath the deck at Pacific Edge Hotel.
A surcharged manhole on the 1400 hundred block of Temple Hills Drive.
Staff checked the upstream manhole and noted that the sewer had stopped coming out of the manhole but was still surch
The Lateral broke that ties into the Manhole servicing the homeless shelter overflowed into the adjacent creek.

Manhole that services Bluebird SOCWA Lift Station
Main Beach Lift Station was overwhelmed by storm water
Manhole
Manhole that was overwhelmed with storm water
wet well that services the animal shelter lift station
Manhole was surcharged and overflowing, staff jetted mainline and restored flow back into the collection system. The cre
sewer lateral cleanout of a City operated homeless shelter
Private clean out that services 230 High Drive
Manhole #D17-009 at 437 Panorama had a blockage in mainline this causing it to discharge onto street.
Water was overflowing out of a manhole.
City mainline
Private Service for 1295 Cerritos Drive that Roto-Rooter lined had a protruding liner blocking the City's Mainline.
The sewer main was damaged by a large track hoe. The spill was contained within the hole of the excavation
Section of illegally installed pipe discovered to have settled in a substandard repair to the city sewer line located in rear a
Manhole
Coming out of a manhole
Out of a manhole
Cleanout in the basement
The overflow in the structure was from the clean-out and believed to be from the Triple A plumbing jetting the lateral insic
The manhole located in the drive way of 2616 Temple Hills Drive
Spill was flowing out of the manhole in the backyard of 1202 Starlit Drive
Overflowing out of the sewer manhole
discharging out of the manhole
City mainline was surcharged this causing the toilet to overflow into the residence home.
A private contractor Roto Rooter was working on the service for 1389 Terrace Way when they broke the blockage in the s
Rags in mainline this causing the manhole in the backyard of 508 Mystic Way to overflow.
Residential 8 gravity sewer backed-up and spilled from a inspection. manhole
Residential 8 gravity sewer backed up and spilled from a inspection manhole.
Manhole surcharged
Surcharged manhole and the lower level of houses at 998 & 1017 Skyline Drive.
Low volume overflow from manhole H22-043
Surcharged manhole I18-008 in backyard of 3149 Alta Laguna Blvd
Manhole in front of 688 South Coast Highway
Private clean out located in basement overflowing, no surcharged manhole in street
Air relief valve located inside a manhole of the force main of the North Coast Interceptor transmission line.
Manhole in front of 800 block Manzanita Drive was overflowing in a small steady stream downhill.

Manhole at 1540 Galen Drive
A clean out in the parking structure of 520 Cliff Drive overflowed because of a blockage in the City's mainline.

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

Storm Diversion at the 1500 Block of Bluebird Canyon which is pumped, from the diversion, back into the sanitary collect
Area around clean out that soaked into ground.
Containment area set up on asphalt/concrete street surface.
Storm drain which leads to Pearl Street CDS unit
Soaked into the ground on the property of 828 Bluebird Canyon Lane
Storm water diversion unit, downstream of spill. The trace remnants of the spill were diverted back into the sewer system
spill soaked into the undeveloped hillside on the Property of 1185 Sailing Way.
An overflow tank that is underneath the deck at Pacific Edge Hotel was filled to capacity and one hundred gallons spilled
Out of the surcharged manhole, down the street into a storm drain box.
The resident had stated that about two gallons had trickled out of the manhole and down the driveway of the residence.
The estamated 15 gallons flowed into Laguna Canyon Creek and soaked into the vegatation and dirt.
The final destination of the spill was into the city's urban water diversion unit located on Dumond Street. All flow entering
Bluebird Canyon Beach
Pacific Ocean
Main Beach
Main Beach
Main Beach
A storm drain that enters a natural ravine and then into a large drainage channel.
A storm drain channel that is across from the Homeless Shelter.
Drive way of residents and planter box.
The overflow went down the street and subsided into a dirt area. This is were staff set up Aquatec and cleaned all affecte
Back into the sewer system
The estimated 150 gallons overflowed and traveled into gutter line. Staff realizing the overflow was being contained by ci
Urban Water Diversion unit @ Bluebird Canyon diverts any surface flow in the watershed basin back into the sewer syste
Spill seeped into the dirt area the contractor was excavating
Seeped into the terrain in the backyard of 879 Cliff Drive
3 gallons had overflowed and ran into a nearby storm drain. All the water was recovered by the Seasonal Diversion unit a
Spill seeped into the ground
All of the wastewater had seeped into the vegetation.
The lower basement at 2867 Terry Road
Parking structure
The spill final destination was on the residents property. The extent of the spill remained on the grass lawn.
The final spill destination was in our urban water diversion structure (CDS unit) that redirects the flow back into the sanita
All wastewater and the clean-up water was captured by the City maintained CDS unit located on Bluebird Canyon beach.
The final destination was unpaved surface and back in the sewer system
Residence at 741 Summit Dr.
Dried up in the street, but there was no evidence of a overflow from manhole.
The residence at 508 Mystic Way
As the terrian is steep in this location, and with the storm drain pipe being nearly a mile long in length, there was nothing t
As the terrain is steep in this location, and with the storm drain pipe being nearly a mile long in length, there was nothing t
A CDS unit in storm drainpipe
A CDS unit in storm drainpipe
Paved street
Due to the topography of the land there was no recovery. The entire spill had seeped into the ground.
An estimated 30 gallons was spilled from the surcharged manhole, all of which was either recovered or evaporated on the
Backyard of property and basement/studio
Sewer collection system via Laguna Avenue diversion system.
Back into collection system
Containment was not feasible; the water flowed down the street and into a storm inlet. Any water that made it to the inlet,
Released out of manhole into stormdrain and captured by our derversion unit at Bluebird and Coast Hwy.
Parking structure at 520 Cliff Drive.

Inside of bathrooms of 2930 Main Street

5/21/2009 10:00	5/21/2009 10:00	5/21/2009 10:00	5/21/2009 10:04
5/24/2009 19:20	5/24/2009 19:25	5/24/2009 19:30	5/24/2009 19:50
6/10/2009 16:10	6/10/2009 16:11	6/10/2009 16:29	6/10/2009 16:35
7/30/2009 8:45	7/30/2009 8:45	7/30/2009 8:45	7/30/2009 8:47
10/9/2009 12:10	10/9/2009 12:20	10/9/2009 12:35	10/9/2009 12:40
10/24/2009 19:35	10/24/2009 19:40	10/24/2009 19:45	10/24/2009 19:55
11/3/2009 11:30	11/3/2009 11:38	11/3/2009 12:10	11/3/2009 12:20
11/28/2009 15:00	11/28/2009 15:02	11/28/2009 15:20	11/28/2009 16:45
1/1/2010 12:25	1/1/2010 12:30	1/1/2010 12:38	1/1/2010 13:10
2/6/2010 0:00	2/6/2010 9:10	2/6/2010 9:15	2/6/2010 9:18
6/8/2010 0:00	6/8/2010 11:55	6/8/2010 12:00	6/8/2010 12:00
6/18/2010 0:00	6/18/2010 11:01	6/18/2010 11:14	6/18/2010 11:15
9/5/2010 0:00	9/5/2010 9:33	9/5/2010 9:45	9/5/2010 9:50
12/22/2010 0:00	12/22/2010 3:30	12/22/2010 3:30	12/22/2010 4:07
12/22/2010 0:00	12/22/2010 5:31	12/22/2010 5:31	12/22/2010 8:40
12/22/2010 0:00	12/22/2010 8:31	12/22/2010 8:35	12/22/2010 11:00
12/22/2010 0:00	12/22/2010 0:00	12/22/2010 0:00	12/22/2010 0:00
12/22/2010 0:00	12/22/2010 3:20	12/22/2010 3:40	12/22/2010 5:00
2/15/2011 0:00	2/15/2011 11:40	2/15/2011 11:45	2/15/2011 11:47
2/20/2011 8:00	2/20/2011 8:02	2/20/2011 8:05	2/20/2011 8:30
3/18/2011 0:00	3/18/2011 7:15	3/18/2011 7:20	3/18/2011 7:25
4/10/2011 0:00	4/10/2011 13:20	4/10/2011 13:25	4/10/2011 13:30
6/3/2011 0:00	6/3/2011 13:38	6/3/2011 14:04	6/3/2011 14:05
6/17/2011 17:00	6/17/2011 17:04	6/17/2011 17:30	6/17/2011 17:33
6/23/2011 0:00	6/23/2011 12:31	6/23/2011 12:45	6/23/2011 15:00
6/27/2011 9:39	6/27/2011 9:40	6/27/2011 10:00	6/27/2011 13:45
8/2/2011 10:00	8/2/2011 10:01	8/2/2011 10:02	8/4/2011 15:45
8/25/2011 17:28	8/25/2011 17:30	8/25/2011 18:05	8/25/2011 18:05
9/28/2011 10:44	9/28/2011 10:45	9/28/2011 10:55	9/28/2011 11:05
11/3/2011 12:24	11/3/2011 12:25	11/3/2011 12:40	11/3/2011 12:39
1/9/2012 14:19	1/9/2012 14:20	1/9/2012 14:35	1/9/2012 14:40
3/8/2012 10:00	3/8/2012 14:20	3/8/2012 14:45	3/8/2012 14:45
3/29/2012 10:40	3/29/2012 10:45	3/29/2012 10:50	3/29/2012 11:00
8/14/2012 16:00	8/14/2012 16:01	8/14/2012 16:15	8/14/2012 16:20
10/3/2012 0:00	10/3/2012 13:05	10/3/2012 13:15	10/3/2012 13:16
10/13/2012 0:00	10/13/2012 12:20	10/13/2012 12:30	10/13/2012 12:31
11/15/2012 20:40	11/15/2012 20:57	11/15/2012 21:15	11/15/2012 21:30
1/19/2013 11:05	1/19/2013 11:10	1/19/2013 11:20	1/19/2013 11:05
1/31/2013 12:10	1/31/2013 12:10	1/31/2013 12:20	1/31/2013 12:41
4/17/2013 0:00	4/17/2013 10:26	4/17/2013 10:36	4/17/2013 10:43
4/24/2013 0:00	4/24/2013 10:16	4/24/2013 10:25	4/24/2013 10:31
4/26/2013 0:00	4/26/2013 10:45	4/26/2013 10:55	4/26/2013 11:30
4/27/2013 9:00	4/27/2013 9:00	4/27/2013 9:05	4/27/2013 9:30
5/26/2013 11:40	5/26/2013 12:00	5/26/2013 12:15	5/26/2013 12:30
5/30/2013 15:58	5/30/2013 16:00	5/30/2013 16:15	5/30/2013 16:30
6/7/2013 0:00	6/7/2013 9:35	6/7/2013 9:45	6/7/2013 9:50
7/6/2013 10:25	7/6/2013 10:26	7/6/2013 10:50	7/6/2013 11:00
8/22/2013 16:10	8/22/2013 16:30	8/22/2013 16:40	8/22/2013 16:15
9/10/2013 11:15	9/10/2013 11:30	9/10/2013 11:45	9/10/2013 12:05
9/21/2013 6:10	9/21/2013 6:15	9/21/2013 6:35	9/21/2013 6:45
9/28/2013 17:55	9/28/2013 18:00	9/28/2013 18:15	9/28/2013 18:30
11/8/2013 19:30	11/8/2013 19:35	11/8/2013 19:40	11/8/2013 19:50
9/27/2007 11:20	9/27/2007 11:30	9/27/2007 11:40	9/27/2007 12:15
10/29/2007 16:30	10/29/2007 16:45	10/29/2007 17:30	10/29/2007 17:50
1/6/2008 20:00	1/6/2008 21:00	1/6/2008 21:15	1/6/2008 21:30

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

Spill occurred during emergency cleaning operations.
City staff found tree roots in mainline this causing the manhole at 1500 Block of Galen Drive to overflow.
Blockage apparently developed in the main line segment immediately adjacent to the Bernard Court lift station. The bloc

Contractor error
Private Lateral roots in main
Contractor bored through Nyes Place lift station force main
Debris in main line
Power outage to Cleo Street Pump Station
Gravel and broken clay pipe unknown were debris came from.
A brick that was broken in half and a large amount of rags were removed from mainline.
Contractor error. Fiber optic cable had been bored through the 6" sewer lateral under the sidewalk.
It appeared to be roots cleaned out from a private lateral that caused this spill.
Storm Inundation of the City - Flood waters standing over hundreds of City manholes was the source of unusual flooding
Extreme amount of storm rainfall caused Citywide flooding and rain water finding its way into manholes overwhelmed the
The experienced an inundation of rain for several hours. The storm water exceeded the capacity of a few portions of the
Storm water
Storm Damage
A large amount of plastic grocery bags were discovered to be the source of the blockage. An amount of plastic bags suff
Plugged service lateral
Plumber sending debri down City Mainline.
Obstruction in mainline.
A new water main installation was being flushed by the local water district's contractor. The flow was directed into the sev
Staff removed what appeared to be a good size lateral root from city mainline
A private contractor improperly installed a private house lateral pipe liner. The liner was discovered to be significantly pr
Contractor broke the city sewer main while performing excavation work.
Pipe separated due to the settlement of the earth
It was determined that the cause of the spill was an abundance of rags in the mainline causing the blockage.
An unusual amount of plastic bags were discovered to be blocking the flow within the mainline.
Plant roots were removed from the manhole
A blockage in the City mainline caused water to back up into private lateral servicing 2867 Terry road.
Plumbers jetting the private lateral, causing debris to go into the City's mainline and, the use of water from the plumber re
Heavy abundance of roots in mouth of channel
The cause of the spill was excessive amount of a plaster type material in the city mainline. It appears to be illegal dumpi
It appears that grit and debris was the cause of the blockage and the reason for the spill.
General debris
City mainline blockage
Contractor Error
Rags in mainline

We cannot say with certainty but due to the size and shape of the roots removed, we believe it was possibly roots from a
Roots that appeared to be originated from a private lateral were the cause of this spill.
Roots that appeared to be originated from a private lateral were the cause of this spill.
Accumulation of grease and remnants of rags
The blockage appeared to be caused by an accumulation of roots
Grease and rags in the mainline
Mainline blockage from protrusion of private lateral roots
A piece of the SS linkage inside the air relief valve was missing which caused the valve to leak.
The blockage was caused by tree roots from a upstream private service it was determined to be the cause of the spill.
Tree Roots
Root Intrusion in mainline
A build up of rags in City's mainline.

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

Main

City mainline and discharging from manhole# G20-177.
Mainline
Temporary bypass piping
City's sewer mainline was struck by contractor while digging. Contractor was working without a current (USA DigAlert). D
Blockage occurred in the city main line. This causing the manhole to surcharge in the yard of Bluebird Canyon Lane.
force main
In the City main line
Cleo Street pump Station
City mainline
Blockage in City mainline caused the manhole to surcharge.
Failure occurred in mainline
City mainline
Manhole adjacent to the Bluebird SOCWA lift station on Glenneyre Street.
The manhole outside Main beach Lift Station
The public sanitary sewer backed up into the manhole as the volume of storm water getting into the sewer system exceec
Manhole
Lift Station failed due to an excessive amount of rain causing extreme flooding of the facility.
City mainline
Plugged service Lateral
City Mainline
City Mainline

City Mainline
A private contractor improperly installed a private house lateral pipe liner. Subsequent to the back-up, the City contractec

City has discovered an un-permitted repair involving substandard materials and construction methods used to replace a p
City mainline
The city's collection sewer pipeline was blocked and the spill surfaced at manhole #G20-063.
City Main Line
The lateral servicing 2867 Terry Road
clean-out in lower parking structure
City mainline
The apparent blockage occured in the city mainline
The City 8 maintained sewer main on Galen Drive
Failure occured in the City mainline
City mainline
City Mainline due to Contractor Roto Rooter Mel Forbes (714) 630-0404
Mainline

The root blockage was found to be in the surcharged manhole, roots lodged at the entrerance of the downstream pipe.
City Mainline was clogged by free flowing roots.
City mainline was clogged by free flowing roots

Failure occurred in the city main line behind 3149 Alta Laguna Blvd.

Inside the air relief valve located in a manhole
City mainline due to private lateral roots
City mainline
Roots in gravity mainline

	15	VCP
	8	clay
	8	VCP
	12	Ductile Iron
amage by contractor causec	8	clay
	8	lined
	8	HDPE
	8	VCP
	8	Clay
	8	Clay
	6	clay
	8	CVP
	24	vcp
	24	vcp
led its capacity.	18	RCP
	8	vcp
	6	cast
	8	clay
	4	C900
	8	clay
	8	clay
	8	cvp
	8	Clay
d to have a video inspection	8	lined
	8	vcp
ortion of presumably damag	8	VCP
	8	Clay
	10	VCP
	8	VCP
	4	CIP
	10	C900
	8	lined
	8	VCP
	8	VCP
	8	VCP
	8	clay
	6	cip
	8	lined
	8	VCP
	8	VCP
	8	clay
	8	Clay
	8	lined
	8	CVP
	8	Clay
	8	clay
	24	ACP
No	8	clay
No	8	clay
No	8	clay
No	8	Lined
	8	Clay
	8	VCP

20
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11

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

Cleaned-Up;Restored flow
Cleaned-Up;Contained all or portion of spill;Restored flow;Returned All Spill to Sanitary Sewer System

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

Staff then proceeded to set up Aquatec at the storm drain vacuuming any overflow that affected the storm drain and they
Restored flow through the collection system main line and cleaned all affected areas.
City crew recovered entire spill from containment area.
burmed gutter with sand bags and diverted flow into vacuum truck, City staff then cleaned all affected areas of spill.
Crew responded with Aquatec truck 191 to clear the mainline blockage. Staff also cleaned all affected area of spill.
Bermed to contain spill and vacuumed all affected areas. An emergency contractor was called in to make immediate rep
Staff proceeded to use a high pressure jetting truck 200 from the downstream manhole (H20-043) to the upstream manhc
Staff bermed sand to contain spill. Subsequently, the sand was removed and all affected areas around the containment t
Staff using a Aquatec broke the stoppage and restored flow back to the collection system. Due to heavy rainfall staff coul
City crew cleaned all affected areas around the manhole and driveway with Aquatec. The spill did not reach a storm drair
Wastewater Division Staff responded to the spill and vacuumed, jetted the mainline, restored flow and video inspected th
Gutter line and street was washed down and vacuumed to clean up any residual.
Station caught up with the flow from heavy rain and went back to normal operation
The extreme flooding conditions of the downtown area in the early morning hours of the December 22, 2010 caused the M
Staff responded as emergency operations allowed time to check the system. The manhole was discovered and vactors v
The entire City was inundated by storm rainfall. Emergency forces were fully deployed to priority locations to ensure publ
Evacuation due to massive amount of mud and debris from storm damage
Staff proceeded to jet the mainline from the downstream hole and restore flow. Staff then cleaned all affected areas of th
Staff for the Homeless Shelter called Andrus Plumbing and Heating and they resolved the problem.
Restored flow back to system and cleaned all affected area's of the spill. Also looking at manhole channel as a possible p
crew used aqua tech truck to clear blockage and restore flow to main and cleaned all affected areas .
Cleaned-up (mitigated effects of spill),contained all of the spill, restored flow, returned all of spill to sanitary sewer system
After clearing blockage washed and cleaned all affected areas of the spill.
We estimated, based upon the flow rate and time frame that 550 gallons had overflowed and traveled into the gutter line
Repaired the broken section of pipe and restored flow into the city sewer system.
Top Line Construction is repairing the section of pipe that has failed
Clean up consisted of washing down all the affected areas to insure the area was clean.
Removal of ground-cover and soil and followed-up by washing down the affected area and disposed of all debris that was
Jetted mainline and cleared roots inside manhole. Concurrent to staff mobilizing to the incident other crew members wer
Clean affected area and restored flow
Crew from Triple A plumbing cleaned all areas of the spill in the parking sturcture.
Crew arrived on scene and checked surcharged manhole and found roots in the mouth of channel. Jetted all surrounding
Staff removed the blockage and restored the flow to the collection system. A scheduled CCTV inspection will be performe
Restored flow to the sewer system, returned all of the spill back to the sanitary sewer system.
Staff then set up at the storm drain and vacuumed up any runoff that entered the storm drain, staff also removed a small
City staf jetted mainline, all portions of spill were contained the residents home.
A half gallon was released out of manhole and dried on pavement, there was no evidence of a spill
Small estimated amount of sewage absorbed into ground

Jetted upstream from downstream manhole to break blockage.
Arrived on scene, jetted mainline and cleaned all affected areas of the spill. Inspected sewer using CCTV the following da
Arrived on scene, jetted mainline and cleaned all affected areas of the spill. Inspected sewer using CCTV the following bu
Jetted from downstream manhole to break blockage, recovered spillage and washed down street, clean the main upstrea
We positioned the jet/vacuum truck on the Alta Laguna and pulled hose down to the downstream at manhole I18-021 an

Using the jet/vacuum truck staff cleaned the City mainline from the downstream manhole,H22-084, jetting upstream to m
The cleanup consisted of washing and vacuuming the affected areas.

Jetted mainline and restored flow. Cleaned and washed down all affected areas.

Cleared roots from the mainline with warthog nozzle.

2/6/2010 9:18

6/18/2010 16:00

12/22/2010 4:07
12/22/2010 8:40
12/22/2010 11:00
12/22/2010 10:45
12/29/2010 7:00
2/15/2011 11:47
2/20/2011 8:30

6/3/2011 14:15

6/23/2011 15:00

10/3/2012 13:45
10/13/2012 14:00

4/17/2013 11:00
4/24/2013 10:45
4/27/2013 0:00

6/7/2013 10:00

9/21/2013 7:30
9/28/2013 19:00

Other (specify below)

Repaired sewer

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

Other (specify below)

Other (specify below)

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

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

Other (specify below)

Other (specify below)
Inspected Sewer Using CCTV to Determine Cause;Other (specify below)

Video inspection of the City mainlines found no evidence of damaged pipe.

replaced sewer lateral

Station caught up with the flow from heavy rain and went back to normal operation
The entire downtown was flooded. Inches of mud and debris were everywhere. Conditions for response crews were trea
Storm flood waters subsided and resolved the capacity problem.
after storm water subsided
assess damage to lift station and rehabilitate as necessary. This facility serves an animal kennel and a marine mammal
Staff restored flow and cleaned all affected areas then checked the surrounding area in hopes of identifying where the ba
Plumber arrived on- scene and corrected the problem. Then City staff washed and cleaned all affected area's.

The City and the Water District have exchanged communications about modifying coordination protocols such that simila

Staff did a follow up with South Coast Water District Video crew and televised City mainline and found a protruding liner

Adjusted schedule/method of preventive maintenance
Adjusted schedule/ method of preventive maintenance,follow-up inspection.

WQ Staff will perform a CCTV inspection to this section of pipe to try to determin the source of the root intruson.
WQ Staff will perform a CCTV inspection to this section of pipe to try to determine the source of the root intrusion.
Enforcement action to encourage care of PSL.

Restored flow to mainline and cleaned all affected area's the spill.

Correction will be made upon inspection
Jetted mainline and followed up with CCTV

No

Yes

No
No
No
No
No
No
No

No

Yes

No
No

Yes
No
No

No

No
No none

N/A
N/A
N/A
No impact
na
n/a
N/A
N/A

None
N/A
There were on visual impacted receiving waters
N/A
due to heavy runoff there were no results from impacted receiving water
There was no inspection results from impacted receiving water
OCHD's Mike Fennessy was on site during the emergency operations.
There were no visual of the impacted receiving waters
There was no results from impacted receiving water
The wastewater spill drained toward the natural drainage course in Bluebird Canyon. It appeared to have soaked into the
OCHD Larry Honeybourne Phone 714 433-6015
No impacted receiving water
no impacted receiving water
N/A
No impacted receiving waters
No impacted receiving water:
N/A
No visual inspection was taken
No impacted receiving water
No impacted receiving water(s)
No impacted receiving water
No impacted receiving water:
none
No impacted receiving water
No impacted receiving water:
No impacted receiving water
No impacted receiving water
No impacted receiving water:
No impacted receiving water
None
No impacted receiving water
No impacted receiving water
No impacted receiving water
No impacted receiving
No impacted receiving water
No impacted receiving water
No impacted receiving water
No receiving water
No impacted receiving water

none

After response activities completed visual inspection deteremine the flow was restored to normal.

Yes

No

Yes
Yes
Yes
Yes
Yes
No
Yes

No

No

No
No

No
No
No

No

No No

No impacted beaches

Pearl Street South to Cress Street North

There were no impacted beaches

Bluebird Canyon Beach
Main Beach
Main Beach
Main Beach
Main Beach
No impacted beaches
Main Beach
No impacted beaches
no impacted beaches
N/A
No impacted beach(es)
No impacted beach
No beaches impacted
No impacted beaches
No impacted beach(es)
No impacted beach(es)
No impacted beach(es)
No impacted beach(es)
No impacted beach(es) :
No impacted beach(es)
No impacted beach(es)
No impacted beach(es)
No impacted beach(es)
No impacted beach(es) :
No impacted surface water(s):
None
No impacted beach(es)
No impacted beach(es)
No impacted beach
No impacted beach
No impacted beach
No impacted beach(es)
No impacted beach(es
No impacted beach
No impacted beach(es)

none

No impacted surface water

Pacific Ocean

Laguna Canyon Creek and contained in CDS unit.

Pacific Ocean
Pacific Ocean
Pacific Ocean
Pacific Ocean
Pacific Ocean
Ground surface leading to the the natural drainage course in Bluebird Canyon.
Pacific Ocean
No impacted surface water
no impacted surface water
N/A
No impacted surface water(s):
No impacted surface water
No impacted surface water
No impacted surface water
No impacted surface water(s)
No impacted surface water(s)
No impacted surface water(s)
No impacted surface water(s):
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None
No impacted surface water(s)
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No impacted surface water
No impacted surface
No impacted surface water
No impacted surface water(s)
No impacted surface water
No surface water
No impacted surface water(s)

none

Other (specify below)

No water quality samples taken

No water quality samples taken
Other (specify below)
Other (specify below)
Other (specify below)
Other (specify below)
Other (specify below)
Other (specify below)

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

Not applicable to this spill

Not applicable to this spill

Orange County Health Agency conducts water sampling at the point of storm water discharge into the receiving waters. 1

There were no samples taken

Water Quality did not do any water samples
OCHD
OCHD
OCHD
OCHD
No samples were analyzed
OCHD Larry Honeybourne Phone 714 433-6015

NA

No water quality samples analyzed
No water quality samples analyzed

N/A

No

none

None of the above

County Health Agency;Regional Water Quality Control Board

County Health Agency;Regional Water Quality Control Board
County Health Agency
County Health Agency
County Health Agency
County Health Agency
Not applicable to this spill
County Health Agency

None of the above

County Health Agency;Regional Water Quality Control Board

None of the above
None of the above

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

Not applicable to this spill

Not applicable to this spill

There were no samples taken

County Health Agency
We are not aware of water quality sample results reported
We are not aware of water quality sample results
We are not aware of the water quality samples
We are not aware of the sample results
There were no results reported
Larry Honeybourne 714 433-6015

No water quality sample results reported
No water quality sample results reported

N/A

No

none

visual estimated volume
This is based on the volume overflowing from the manhole when staff arrived and duration of spill.
Estimated method used was the spill rate appearance and time frame of spill.
The amount of sewage in the parking structrue.

93904	5/24/2009 20:00
94272	6/10/2009 17:06
96812	10/9/2009 13:15
97191	10/24/2009 20:32
97406	11/3/2009 13:30
979973	11/28/2009 17:20
100009	1/1/2010 13:45
100962	2/6/2010 9:29
103508	6/8/2010 12:42
103774	6/21/2010 14:40
105339	9/5/2010 10:10
107739	12/24/2010 8:00
107739	12/24/2010 8:10
107739	12/24/2010 8:10
107739	12/24/2010 8:00
107739	12/24/2010 8:00
110912	2/15/2011 13:00
111042	2/20/2011 9:50
111611	3/18/2011 8:30
112286	4/10/2011 13:45
113333	6/3/2011 15:07
113646	6/17/2011 18:10
113773	6/23/2011 15:19
113857	6/27/2011 14:45
114603	8/4/2011 15:30
115052	8/25/2011 18:46
115758	9/28/2011 11:28
116567	11/3/2011 13:27
121342	3/8/2012 15:35
121860	3/29/2012 11:35
124805	8/14/2012 15:57
125967	10/3/2012 13:37
126183	10/13/2012 13:40
126928	11/15/2012 22:35
130407	1/20/2013 10:00
130663	1/31/2013 13:40
132309	4/17/2013 11:07
132449	4/24/2013 11:10
132523	4/26/2013 12:10
132523	4/27/2013 9:50
133195	5/26/2013 3:15
133277	5/30/2013 18:34
133457	6/7/2013 10:51
134165	7/6/2013 12:00
135222	8/22/2013 18:00
136098	9/28/2013 19:00

Paul Ferrell	9499228741
Paul Ferrell	9499228741
Paul Ferrell	9499228741
Paul Ferrell	9499228741

9SSO10654	Active	714449	Patrick Lund	Certified
9SSO10654	Active	714800	Patrick Lund	Certified
9SSO10654	Active	724631	Patrick Lund	Certified
9SSO10654	Active	729191	Michael James	Certified
9SSO10654	Active	737916	Michael James	Certified
9SSO10654	Active	737917	Patrick Lund	Certified
9SSO10654	Active	744562	Michael James	Certified
9SSO10654	Active	746931	Patrick Lund	Certified
9SSO10654	Active	768472	Michael James	Certified
9SSO10654	Active	770584	Michael L. James	Certified
9SSO10654	Active	777399	Mike James	Certified
9SSO10654	Active	781944	Mike James	Certified
9SSO10654	Active	794036	Mike James	Certified
9SSO10654	Active	799804	Mike James	Certified
9SSO10655	Active	648327	Joe Smith	Certified
9SSO10655	Active	704607	Joe Smith	Certified
9SSO10655	Active	748189	Joe Smith	Certified
9SSO10655	Active	785020	Joe Smith	Certified
9SSO10655	Active	785021	Joe Smith	Certified
9SSO10655	Active	785022	Joe Smith	Certified
9SSO10656	Active	655769	Tom Howard	Certified
9SSO10656	Active	716038	Bradley Voorhees	Certified
9SSO10656	Active	748357	Tom Howard	Certified
9SSO10656	Active	763427	Tom Howard	Certified
9SSO10656	Active	765671	Terry Zaragoza	Certified
9SSO10656	Active	766868	Terry Zaragoza	Certified
9SSO10656	Active	773282	Terry Zaragoza	Certified
9SSO10656	Active	776541	Terry Zaragoza	Certified
9SSO10656	Active	780885	Terry Zaragoza	Certified
9SSO10658	Active	645192	Christopher Toth	Certified
9SSO10658	Active	645198	Christopher Toth	Certified
9SSO10658	Active	646704	Christopher Toth	Certified
9SSO10658	Active	646705	Christopher Toth	Certified
9SSO10658	Active	646717	Christopher Toth	Certified
9SSO10658	Active	646734	Christopher Toth	Certified
9SSO10658	Active	646778	Christopher Toth	Certified
9SSO10658	Active	647066	Christopher Toth	Certified
9SSO10658	Active	647083	Christopher	Certified
9SSO10658	Active	647368	Christopher Toth	Certified
9SSO10658	Active	647656	Christopher Toth	Certified
9SSO10658	Active	647662	Christopher Toth	Certified
9SSO10658	Active	647677	Christopher Toth	Certified
9SSO10658	Active	647681	Christopher Toth	Certified
9SSO10658	Active	647827	Christopher Toth	Certified
9SSO10658	Active	647916	Christopher Toth	Certified
9SSO10658	Active	648095	Christopher Toth	Certified
9SSO10658	Active	648096	Christopher Toth	Certified
9SSO10658	Active	648102	Christopher Toth	Certified
9SSO10658	Active	648698	Christopher Toth	Certified
9SSO10658	Active	648699	Christopher Toth	Certified
9SSO10658	Active	648849	Stan Griffith	Certified
9SSO10658	Active	648853	Christopher Toth	Certified
9SSO10658	Active	649068	Christopher Toth	Certified
9SSO10658	Active	649619	Christopher Toth	Certified
9SSO10658	Active	649847	Christopher Toth	Certified

Public Works Director / District Engineer
Public Works Director / District Engineer
Public Works Director / District Engineer
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Public Works Director / District Engineer
Public Works Director
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PW Director
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City Hall, Lemon Grove		853504
City Hall, Lemon Grove		773501
City Hall, Lemon Grove		597170
	7/13/2011	590437
	7/13/2011	536797
City Hall, Lemon Grove		201404
	7/13/2011	322491
City Hall, Lemon Grove		522664
	7/13/2011	179586
Lemon Grove, CA		791336
Lemon Grove, CA		584739
Lemon Grove, CA		440628
Lemon Grove, CA		277016
Lemon Grove, CA		437796
National City		633289
National City		915262
National City		665750
national city		345010
national city		206276
national city		518815
Poway, CA		463980
Admin		822183
Poway, Ca		924377
Public Works Administration Building		932337
City of Poway Public Works		563776
City of Poway Public Works		638386
City of Poway Public Works		633109
City of Poway Public Works		209263
City of Poway Public Works		255535
San Diego, CA		968059
San Diego, CA		567516
San Diego, CA		995420
San Diego		654008
San Diego		452827
San Diego, CA		676597
San Diego, CA		251121
San Diego, CA		457516
San Diego, CA		567775
9150 Topaz Way		781232
San Diego		573206
San Diego, CA		838597
San Diego		245755
San Diego, CA		129761
San Diego		950237
San Diego		475084
San Diego		741576
San Diego		560154
San DIego, CA		176543
San Diego, CA		592578
San Diego		605033
	15:38	463218
San DIego, CA		989553
San Diego, CA		662115
San Diego, CA		317139
San Diego, CA		539890

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

Category 3		20	10
Category 3		10	0
Category 3		400	360
Category 1		560	300
Category 1		350	300
Category 3		1	0
Category 1		960	200
Category 3		40	0
Category 1		810	780
Category 1		1800	0
Category 3		350	350
Category 3		540	540
Category 3		100	95
Category 3	180	180	170
Category 1		6750	0
Category 1		15000	9000
Category 1		1500	100
Category 3		15	15
Category 3		15	15
Category 3		30	30
Category 1		450	0
Category 1		13200	3600
Category 2		1500	1500
Category 3		250	200
Category 1		120	0
Category 3		410	10
Category 3		700	100
Category 3		79	79
Category 2		1700	1700
Category 3		189	
Category 1		505	0
Category 3		32	
Category 3		305	
Category 1		50	0
Category 1		159	0
Category 3		139	
Category 1		960	0
Category 3		51	
Category 1		590	500
Category 3		25	
Category 1		2300	1000
Category 3		165	
Category 1		1500	1100
Category 3		53	
Category 1		41600	13000
Category 3		230	
Category 2		2772	772
Category 1		1275	800
Category 3		630	
Category 3		15	
Category 2		2900	1000
Category 1		2650	2000
Category 3		165	165
Category 1		960	800
Category 1		26000	18000

	No	No
0	No	No
0	No	No
260	Yes	No
50	Yes	No
0	No	No
200	Yes	Yes
0	No	No
30	Yes	No
1800	Yes	Yes
0	No	No
0	No	No
0	No	No
0	No	No
6750	No	Yes
6000	Yes	Yes
1400	No	Yes
0	No	No
0	No	No
0	No	No
450	Yes	Yes
13200	Yes	Yes
0	No	No
0	No	No
120	Yes	No
0	No	No
0	No	No
0	No	No
0	No	Yes
	No	No
505	Yes	Yes
	No	No
	No	No
50	No	Yes
159	No	Yes
	No	No
960	No	Yes
	No	No
90	No	Yes
	No	No
1300	Yes	Yes
	No	No
400	No	Yes
	No	No
28600	Yes	Yes
	No	No
0	Yes	No
475	Yes	No
	No	No
	No	No
0	No	No
650	No	Yes
	No	No
160	No	Yes
8000	Yes	Yes

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

Broadway Lane Easement
Easement off of Broadway
7168 San Miguel Avenue
2047 Ensenada Street
Massachussetts Avenue
2645 Cypress Avenue
6800 Federal Blvd.
Front Yard of 2842 Washington Street
Central Pump Station Manhole
City of SD Spill on Federal Blvd
Sewer Manhole (Mass Ave)
Car Quest Auto Parts
Monte Vista Lodge
cleanout at 8220 Lemon Grove Way
South Bay Plaza
Canyon located at 30th & B Avenue
600 BLK ARCADIA AVENUE, NATIONAL CITY, CA
1846 O Avenue
1816 O Avenue
1434 18 Street
cleanout
Pomerado Road at Robison Road
San Diego MWWD Lift Station PS-75
Sanitary Sewer Overflow Structure ID: F3-092
14038 York Ave
DE L-71
Del Paso Easement
Manhole L4-026-SM
Manhole P3-019
4480 Hortensia Street
Reynard Way and Torrance; SR#2966145
SR# 2971423
SR# 2971502
SR# 2971471
SR # 2971981
SR # 2971737
SR # 2973164
SR # 2973299
SR# 2974511
SR# 2975522
SR# 2975491
SR# 2975701
SR# 2975932
SR# 2976416
SR# 2976871
SR # 2977242
SR# 2977739
SR# 2977835
SR# 2979242
SR# 2978441
SR# 2980198
SR# 2980613
SR# 2981201
SR# 2982768
SR# 2983357

32.733333	-117.016667	San Diego
32.733333	-117.016667	San Diego
32.733333	-117.033333	San Diego
32.716667	-117.016667	San Diego
32.733333	-117.066667	San Diego
32.733333	-117.016667	San Diego
32.73876	-117.05247	San Diego
32.736389	-117.023333	San Diego
32.738373	-117.051646	San Diego
32.7343426	-117.0565107	San Diego
32.7300871	-117.0428424	San Diego
32.759722	-117.031667	San Diego
32.729444	-117.042778	San Diego
32.744722	-117.021389	San Diego
32.67612	-117.092543	San Diego
32.65743	117.097382	San Diego
32.699722	-117.07798	San Diego
32.670606	-117.088159	San Diego
32.671121	-117.088359	San Diego
32.6713186	-117.0888636	San Diego
33.031017	-117.03555	San Diego
32.951992	117.062578	San Diego
33.003856	-117.058217	San Diego
33.013375	-117.046	San Diego
32.96832	-117.03937	San Diego
33.00349	-117.02945	San Diego
33.033697	-117.026981	San Diego
33.00281	-117.05701	San Diego
32.98193	-117.0624	San Diego
32.76	117.18	San Diego
32.74	117.17	San Diego
32.72235	117.122703	San Diego
32.962878	117.123236	San Diego
32.836583	117.136111	San Diego
32.846508	117.258411	San Diego
32.728044	117.134342	San Diego
32.796142	117.064069	San Diego
32.753308	117.179353	San Diego
32.752767	117.122339	San Diego
32.903456	117.227856	San Diego
32.792156	117.196806	San Diego
32.743081	117.168053	San Diego
32.757278	117.131958	San Diego
32.747275	117.175381	San Diego
32.779492	117.080344	San Diego
32.748458	117.182361	San Diego
32.980675	117.157908	San Diego
32.803472	117.013664	San Diego
32.857594	117.25365	San Diego
32.769528	117.080853	San Diego
32.766131	-117.067314	San Diego
32.961564	117.234372	San Diego
32.743553	117.180136	San Diego
32.744589	117.151211	San Diego
32.562181	117.039378	San Diego

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9

Around manhole 499-22-04 in dirt easement.
In dirt esasement behind 8240 Broadway
Under house into the dirt
Roadway
From around sewer manhole 479-08-02

Sewer Manhole in sidewalk of 6800 Federal Blvd.
Front yard clean out.
At the pump station manhole cover
Sewer manhole with sewer main coming from the City of San Diego

Floor drain and restrooms
Sewer manhole in parking lot
Private lateral spill caused by partial mainline blockage. Contained spill and restored flow to mainline. Partial blockage wa
In parking lot of the South Bay Plaza behind 1302 Plaza Blvd.
Canyon north of 30th street and east of A Avenue
ARCADIA AVENUE AND 6TH STREET NATIONAL CITY CA 91950
1846 O Avenue, restroom

6 inch property line cleanout

Lift station compound of San Diego MWWD Lift Station PS-75
Manhole located on northwest corner of 13050 Camino Del Valle.
Abandoned lateral located east side of property adjacent to creek.
8" Dead end clean out east of intersection.
2 inch air vac located on easement approx. 1,285 feet east of residence at 18007 Del Paso Drive
Manhole located in northbound #2 lane on flat paved surface.
Manhole located on asphalt private road.
surface street

City main Blockage in 6 cp line at fsn# 5056266

1

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

From manhole in easement. Manhole was not ever flowing when City arrived on site. Manhole was holding sewage abou
Underneath raised foundation of the house at 7168 San Miguel Avenue.

Private lateral clean out.

Backyard of Building

cleanout

Spill was located at manhole on property.
Abandoned lateral on property.
8" dead end clean out on gravity sewer main.
Cracked 2 inch pvc pipe approx. 4.5 feet beneath air vac on 6 inch force main.

Contractor Sewer Hose
Sewer main break
Leaked through joint from pipe, flow restricted by roots

Private lateral clean out

Debris tank on combination fusher / vactor truck

Private sewer lateral clean out

Private Sewer Lateral Clean Out
Inside residents Bathroom

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

Dirt easement
Underneath raised foundation of the house at 7168 San MIguel Avenue.
Earthen ditch. Dry at the time of the spill.

The actual spill volume is unknown. The reporting requirements at the time of this spill have changed when compared to
Sewage came from manhole in sidewalk and flowed about 20' down gutter to storm drain inlet. Set up containment down

Earthen Storm Channel
The estimated spill volume and estimate volume recovered are unknown because the Lemon Grove Sanitation District di

In side of the storm drain
Storm Drain
STORM DRAIN
Building's Restroom

dry creek bed, feeds into Sycamore Creek.

Flow diverted to wet well of adjoining lift station: San Diego MWWD Lift Station PS-75 and pumped back into Poway's co
Spill was contained onsite on ground surface, which is dirt.
Spill final destination in creek.
10 gallons of spill reached storm drain inlet box. Liquid from spill was contained, removed from box and returned to sewe
Final spill destination was dirt surface area sourrounding spill location.

Spill terminated at storm drain inlet box approx. 1000 feet south of appearance point.

SSO dissipated in the storm drain.

Soaked into Canyon dirt
Soaked into Canyon dirt
Vegetation on corner of Polk ave and 33rd st
Recoverd and routed sewage back into the system.
Mission Bay surface water reached. Pacific Ocean water may have been reached.
Sewage diverted back into system

Soaked in to dirt on private property

Dried up in canyon dirt
Dried up in canyon
Dried up in soil storm drain channel

Bathroom
1900.0 Soaked into Cyn dirt

Sewer was recovered at storm Drain at India St X Winder St.
soaked in dirt in canyon area

2/9/2008 11:00	2/10/2008 12:20	2/10/2008 12:45	2/10/2008 2:45
3/7/2008 7:00	3/7/2008 10:00	3/7/2008 10:30	3/7/2008 8:00
7/27/2008 18:00	7/27/2008 20:30	7/27/2008 20:45	7/27/2008 21:15
11/8/2008 0:00	11/8/2008 7:55	11/8/2008 8:25	11/8/2008 8:40
3/25/2008 10:50	3/25/2008 11:25	3/25/2008 11:18	3/25/2008 11:25
5/26/2009 7:00	5/26/2009 7:00	5/26/2009 9:30	5/26/2009 11:30
9/7/2009 0:00	9/7/2009 16:30	9/7/2009 17:00	9/7/2009 17:45
10/26/2009 22:45	10/26/2009 23:00	10/26/2009 23:15	10/26/2009 23:30
4/5/2011 0:00	4/5/2011 9:30	4/5/2011 9:45	4/5/2011 13:30
8/24/2011 0:00	8/24/2011 9:00	8/24/2011 9:50	8/24/2011 10:30
12/22/2011 13:20	12/22/2011 13:20	12/22/2011 13:40	12/22/2011 14:50
3/7/2012 11:45	3/7/2012 12:45	3/7/2012 13:00	3/7/2012 13:15
4/18/2013 18:30	4/18/2013 18:35	4/18/2013 19:05	4/18/2013 19:15
10/14/2013 16:33	10/14/2013 16:33	10/14/2013 17:00	10/14/2013 18:00
3/24/2007 12:30	3/24/2007 13:15	3/24/2007 13:00	3/24/2007 13:15
10/3/2007 8:30	10/3/2007 13:30	10/3/2007 13:00	10/3/2007 13:33
1/6/2010 0:00	1/6/2010 9:30	1/6/2010 10:15	1/6/2010 11:30
8/11/2012 16:45	8/11/2012 17:00	8/11/2012 17:30	8/11/2012 18:10
8/11/2012 16:45	8/11/2012 17:00	8/11/2012 17:30	8/11/2012 18:10
8/11/2012 16:45	8/11/2012 17:00	8/11/2012 17:30	8/11/2012 18:10
6/12/2007 7:25	6/12/2007 7:35	6/12/2007 7:50	6/12/2007 8:10
3/22/2008 10:00	3/22/2008 10:00	3/22/2008 10:25	3/22/2008 11:24
12/11/2009 9:10	12/11/2009 11:30	12/11/2009 11:45	12/11/2009 12:30
1/25/2011 0:00	1/25/2011 7:00	1/25/2011 7:10	1/25/2011 7:50
4/20/2011 0:00	4/20/2011 12:00	4/20/2011 13:00	4/20/2011 14:00
4/26/2011 7:38	4/26/2011 7:38	4/26/2011 8:00	4/26/2011 8:20
11/17/2011 11:08	11/18/2011 9:30	11/18/2011 9:30	11/18/2011 9:30
1/24/2012 20:20	1/24/2012 20:20	1/24/2012 20:20	1/24/2012 21:13
5/1/2012 0:00	5/1/2012 12:20	5/1/2012 13:00	5/1/2012 13:25
1/5/2007 16:21	1/5/2007 16:23	1/5/2007 16:50	1/5/2007 19:30
1/5/2007 20:44	1/5/2007 20:46	1/5/2007 21:00	1/5/2007 22:25
2/1/2007 19:13	2/1/2007 19:13	2/1/2007 19:17	2/1/2007 19:45
2/2/2007 12:19	2/2/2007 12:20	2/2/2007 12:35	2/2/2007 13:20
2/2/2007 7:20	2/2/2007 7:20	2/2/2007 7:30	2/2/2007 7:30
2/6/2007 11:36	2/6/2007 11:37	2/6/2007 11:55	2/6/2007 14:15
2/7/2007 7:56	2/7/2007 7:57	2/7/2007 8:20	2/7/2007 10:15
2/13/2007 14:17	2/13/2007 14:18	2/13/2007 14:30	2/13/2007 15:05
2/14/2007 10:52	2/14/2007 10:53	2/14/2007 11:15	2/14/2007 11:43
2/23/2007 18:12	2/23/2007 18:14	2/23/2007 19:30	2/23/2007 20:10
3/2/2007 10:33	3/2/2007 10:34	3/2/2007 10:55	3/2/2007 10:38
3/2/2007 9:29	3/2/2007 9:30	3/2/2007 9:50	3/2/2007 10:15
3/3/2007 8:12	3/3/2007 8:13	3/3/2007 8:35	3/3/2007 8:45
3/5/2007 13:02	3/5/2007 13:02	3/5/2007 13:02	3/5/2007 13:02
3/8/2007 11:32	3/8/2007 11:33	3/8/2007 11:45	3/8/2007 12:25
3/12/2007 11:02	3/12/2007 11:03	3/12/2007 11:30	3/12/2007 14:30
3/14/2007 14:35	3/14/2007 14:52	3/14/2007 15:15	3/14/2007 16:30
3/16/2007 13:13	3/16/2007 13:14	3/16/2007 13:35	3/16/2007 14:30
3/17/2007 10:54	3/17/2007 10:56	3/17/2007 11:00	3/17/2007 11:45
3/27/2007 13:13	3/27/2007 13:14	3/27/2007 13:35	3/27/2007 13:55
3/21/2007 23:45	3/21/2007 23:47	3/22/2007 12:00	3/22/2007 12:00
4/2/2007 9:30	4/2/2007 9:30	4/2/2007 9:30	4/2/2007 10:28
4/3/2007 12:17	4/3/2007 12:17	4/3/2007 12:45	4/3/2007 13:10
4/7/2007 13:20	4/7/2007 13:22	4/7/2007 13:40	4/7/2007 13:55
4/18/2007 18:24	4/18/2007 18:29	4/18/2007 18:51	4/18/2007 20:00
4/23/2007 15:53	4/23/2007 15:53	4/24/2007 8:20	4/24/2007 9:13

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

This online reporting system would not allow the actual date of the spill to be entered into the system. That date was to w
Build up of fats, oils, or grease that came from the City of San Diego's sewer main.

blockage cause is unknown
CONTRACTOR PLUMBERS BAG ENTERED MAINLINE FROM LATERAL AND HELD BACK CONSTRUCTION DEBRIS

construction company performing lift station reconstruction under contract to the MWWD damaged Poway's adjoining for
Roots in main and manhole structure.
Grease in sewer main.
Unknown, grease was found in line but not enought to indicate cause of blockage.

Silt buildup in pipeline.

Failure of inflatable plug installed by contractor caused spill.
Root blokage in 8 vc sewer main.
Also defective linning

Main
Main
Upper Lateral

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

Main
Main
Main
Main
Main

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

Main

Private Lateral

Root intrusion at joint caused a partial mainline blockage.

Roots in main and manhole structure.
Failure was located in upper section of inproperly abandoned sewer lateral.
N/A
Failure occurred on 2 inch pvc riser pipe beneath air vac.

	8	VCP
	8	VCP
	8	VCP
	8	VCP
	8	VCP
	8	VCP
	8	VCP
	2	PVC
	8	vcp
	8	VCP
	8	VCP
	8	VCP
No	8	VCP
	8	vcp
	60	
	12	PVC
	10	vcp
	10	vcp
	12	PVC
	12	VCP
	4	ABS
	8	VCP
	2	pvc
	8	VCP
	8	PVC
	6	CP
	6	vc
	6	CP
	8	PVC
	10	VC
	8	CP
	6	CP
	8	VC
	6	lined
	8	VC
	8	VC
	6	CP
	4	CI
	8	VC
	6	CP
	8	PVC
	8	VC
	8	VC
	8	VC
	6	CP
	8	PVC
	6	CP
	10	VC
	10	pvc

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50
50
50

50
50
8
50
60
60
55
60
20

2

40
40
30
37
33
29
8
38
32

36

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

Manhole 499-18-05 was holding sewage. City restored flow. Area around mahole was damp. Manhole wasn't overflowin

Contained portion of spill.Jetted 8 City of San Diego line that ocnnect to 18 City of Lemon Grove sewer main. Collected
Cleared grease clog and cleaned front yard.

The City of San Diego responded and mitigated this spill because it was San Diego's responsibility. The volume of spill r
Contained spill cleared line and mitigated spill. Because District was in the shop being repaired, utilized the mutual aide a

CCTV to determine cause Restore Flow Return portion of spill to sanitary system

used gravel bags on site to divert spill into MWWD wetwell while contractor repaired Poway's forcemain.
N/A
Crew responded to issue and found blockage in mainline caused by grease. Vactor jet rodder was used to clear blockage.
Crew responded to issue and found blockage in mainline. Vactor jet rodder was used to clear blockage. Once blockage w
Staff detected irregular flow rates at pump station and investigated sourrounding area finding area of leak. Liquid was inte
City staff noted spill at early stages of incident and started containment of liquids. Appropriate staff was call-in to continue
Supervisor arrived on site at 1:00pm and began containment, utility crew arrived 1:10pm and assisted with containment. I

performed investigative work this week and determined that sewer overflow did reach public waters.

11/8/2008 8:40
3/25/2008 11:25

9/7/2009 17:45

4/5/2011 9:30
8/24/2011 10:30

3/24/2007 13:15
10/3/2007 13:30
1/6/2010 15:00

6/12/2007 10:00
3/25/2008 16:00
12/12/2008 23:00

4/20/2011 17:00

5/1/2012 15:06

1/5/2007 23:30

2/2/2007 11:30
2/6/2007 20:21

2/13/2007 18:30

2/23/2007 21:24

3/2/2007 15:00

3/5/2007 0:00

3/12/2007 17:40

3/16/2007 20:48
3/17/2007 14:22

4/2/2007 16:30
4/3/2007 20:01

4/18/2007 23:59
4/24/2007 9:35

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

Added sewer to preventive maintenance program

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

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

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

Enforcement action against FOG source

Adjusted schedule/method of preventive maintenance

Adjusted schedule/method of preventive maintenance

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

Adjusted schedule/method of preventive maintenance

Added sewer to preventive maintenance program;Repaired sewer

Adjusted schedule/method of preventive maintenance

Other (specify below)

Adjusted schedule/method of preventive maintenance

Repaired sewer
Adjusted schedule/method of preventive maintenance

Adjusted schedule/method of preventive maintenance;Repaired sewer
Adjusted schedule/method of preventive maintenance

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

Coordinated follow up meeting with the City of San Diego to determine when they last conducted preventative maintenan

Replaced pumps
The City of San Diego will monitor this location.

CLEAN AND REPAIRED LINE

N/A

Contractor Spill of Sewage

Internal investigation

No
No

No

No
No

No
No
Yes

No
No
No

No

No

No
No

No

No

Yes

No

No

No
No

No
No

No
No

None

Went down stream to location of where storm drain pipe laylights into earthen channel and set up containment to capture

No visual effects were found.

None detected
None detected
DID NOT IMPACTED RECEIVING WATERS

N/A
Found minimul discharge in recieving waters, in a non public area.
N/A
N/A
N/A
N/A

No
No

No

No
No

No
Yes
No

No
Yes
No

No

No

No
No

No

No

Yes

No

Yes

No
No

No
No

No
No

NA
NA

NA

None
Bayside Park, Pepper Park, Silverstrand
N/A

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

NA

NA
NA

NA

N/A

Mission Bay area beaches

NA

Ocean Beach

NA
NA

NA
NA

N/A
N/A

Chollas
Chollas Creek

Chollas Creek

Chollas
Chollas
Chollas Creek
Chollas Creek
N/A

None
Unknown if surface waters were impacted
N/A
none
none
none
Sycamore Creek
Pomerado Creek Poway Creek
n/a
N/A
Rattle Snake Creek
N/A
N/A
N/A
N/A

NA

NA
NA

NA

N/A

Mission Bay, possible Pacific Ocean

NA

Avarado Creek, San Diego River

NA
NA

No surface water impacted
NA

N/A
N/A

Not applicable to this spill
No water quality samples taken

No water quality samples taken

No water quality samples taken
Other (specify below)

No water quality samples taken
Other (specify below)
No water quality samples taken

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

No water quality samples taken

No water quality samples taken

No water quality samples taken

No water quality samples taken
No water quality samples taken

No water quality samples taken

No water quality samples taken

No water quality samples taken

No water quality samples taken

Biological indicator(s) - specify below

No water quality samples taken
No water quality samples taken

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

Not applicable to this spill
Other (specify below)

The City of San Diego may have tested the water down stream.

Water quality samples to be analyzed by SD county

N/A

no water samples taken at the time of spill occurence because waters were not believed to be impacted by the sewer spil

Coliform, Fecal, Enterococcus

Coliform, Enterococcus, E. Coli

E coli and Entero

Not applicable to this spill
None of the above

None of the above

None of the above
Not applicable to this spill

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

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

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

County Health Agency;Regional Water Quality Control Board

No water quality samples taken
No water quality samples taken

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

Not applicable to this spill
County Health Agency

Once results are in they then will be reported

N/A

Amount of affluent comiing out of the private lateral. Estimate was 1-2 GPM

0	8/24/2011 0:00
71901	3/26/2007 12:00
76027	10/3/2007 16:00
100107	1/6/2010 15:15
0	3/22/2008 11:42
0	12/11/2009 0:00
112510	4/20/2011 17:15
70110	1/5/2007 21:45
70112	1/5/2007 23:30
70718	2/1/2007 23:00
70744	2/2/2007 14:09
70734	2/2/2007 11:30
70824	2/6/2007 20:21
70813	2/7/2007 12:40
70984	2/13/2007 18:30
71003	2/14/2007 14:55
71199	2/23/2007 21:24
71358	3/2/2007 15:10
71350	3/2/2007 15:00
71369	3/3/2007 10:02
71427	3/5/2007 15:07
71510	3/8/2007 18:00
71592	3/12/2007 17:40
71653	3/15/2007 1:26
71706	3/16/2007 20:48
71719	3/17/2007 14:22
71956	3/27/2007 18:45
72078	4/2/2007 16:00
72105	4/3/2007 20:01
72188	4/7/2007 16:02
72401	4/18/2007 23:59
72512	4/24/2007 20:15

Scott Adams Sanitation Supervisor 6194540715

9SSO10658	Active	649931	Christopher Toth	Certified
9SSO10658	Active	649932	Christopher Toth	Certified
9SSO10658	Active	649933	Christopher Toth	Certified
9SSO10658	Active	649934	Christopher Toth	Certified
9SSO10658	Active	650082	Christopher Toth	Certified
9SSO10658	Active	650166	Christopher Toth	Certified
9SSO10658	Active	650168	Christopher Toth	Certified
9SSO10658	Active	650216	Christopher Toth	Certified
9SSO10658	Active	650318	Christopher Toth	Certified
9SSO10658	Active	650353	Christopher Toth	Certified
9SSO10658	Active	650486	Christopher Toth	Certified
9SSO10658	Active	651081	Christopher Toth	Certified
9SSO10658	Active	651604	Christopher Toth	Certified
9SSO10658	Active	651794	Stan Griffith	Certified
9SSO10658	Active	652788	Christopher Toth	Certified
9SSO10658	Active	653308	Christopher Toth	Certified
9SSO10658	Active	653622	Christopher Toth	Certified
9SSO10658	Active	653837	Christopher Toth	Certified
9SSO10658	Active	654291	Christopher Toth	Certified
9SSO10658	Active	654504	Christopher Toth	Certified
9SSO10658	Active	654810	Christopher Toth	Certified
9SSO10658	Active	654812	Christopher Toth	Certified
9SSO10658	Active	655148	Christopher Toth	Certified
9SSO10658	Active	656014	Christopher Toth	Certified
9SSO10658	Active	656016	Christopher Toth	Certified
9SSO10658	Active	656795	Christopher Toth	Certified
9SSO10658	Active	656800	Christopher Toth	Certified
9SSO10658	Active	657508	Christopher Toth	Certified
9SSO10658	Active	657890	Christopher Toth	Certified
9SSO10658	Active	704801	Christopher Toth	Certified
9SSO10658	Active	704861	Christopher Toth	Certified
9SSO10658	Active	705169	Christopher Toth	Certified
9SSO10658	Active	705878	Christopher Toth	Certified
9SSO10658	Active	705883	Christopher Toth	Certified
9SSO10658	Active	706609	Christopher Toth	Certified
9SSO10658	Active	706702	Christopher Toth	Certified
9SSO10658	Active	707369	Christopher Toth	Certified
9SSO10658	Active	707441	Christopher Toth	Certified
9SSO10658	Active	707547	Christopher Toth	Certified
9SSO10658	Active	707903	Christopher Toth	Certified
9SSO10658	Active	707957	Christopher Toth	Certified
9SSO10658	Active	707958	Christopher Toth	Certified
9SSO10658	Active	707960	Christopher Toth	Certified
9SSO10658	Active	707962	Christopher Toth	Certified
9SSO10658	Active	707964	Christopher Toth	Certified
9SSO10658	Active	707965	Christopher Toth	Certified
9SSO10658	Active	707966	Christopher Toth	Certified
9SSO10658	Active	707967	Christopher Toth	Certified
9SSO10658	Active	707969	Christopher Toth	Certified
9SSO10658	Active	707971	Christopher Toth	Certified
9SSO10658	Active	707972	Christopher Toth	Certified
9SSO10658	Active	707973	Christopher Toth	Certified
9SSO10658	Active	707974	Christopher Toth	Certified
9SSO10658	Active	708052	Christopher Toth	Certified
9SSO10658	Active	708150	Christopher Toth	Certified

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San DIego		516810
San Diego, CA		705947
San Diego, CA		576815
San Diego, CA		744743
San Diego, CA		691219
San DIego, CA		926479
San Diego, CA		502779
San Diego, CA		715569
San DIego		453143
San Diego, CA		110576
San Diego, CA		606616
San Diego, CA		142033
San Diego, CA		893761
	15:35	870727
San Diego, CA		971118
9150 Topaz Way		572484
9150 Topaz Way		518952
San Diego, CA		142992
San DIego, CA		431984
San Diego, CA		450760
San Diego, CA		594128
San Diego, CA		372514
San Diego, CA		467501
San Diego, CA		531430
San Diego, CA		944314
San Diego, CA		234331
San Diego, CA		906493
San Diego, CA		157605
San DIego, CA		866390
San Diego, CA		993163
San DIego, CA		943004
San Diego, CA		582691
San DIego, CA		928069
San Diego, CA		665928
San Diego, CA		751912
San Diego, CA		269854
San Diego, CA		582592
San Diego, CA		304291
San Diego, CA		496115
San Diego, CA		972277
San Diego, CA		156704
San Diego, CA		592494
San Diego, CA		425753
San Diego, CA		626246
San Diego, CA		809330
San DIego, CA		544438
San Diego, CA		556895
San Diego, CA		324877
San Diego, CA		264254
San Diego, CA		776519
San Diego, CA		554257
San Diego, CA		714959
San Diego, CA		771487
San Diego, CA		168777
San Diego, CA		128585

28-Apr-07	30-Apr-07	4/30/2007
28-Apr-07	30-Apr-07	4/30/2007
28-Apr-07	30-Apr-07	11/1/2007
28-Apr-07	30-Apr-07	4/30/2007
2-May-07	3-May-07	5/3/2007
4-May-07	4-May-07	5/4/2007
4-May-07	4-May-07	5/4/2007
7-May-07	21-Nov-07	11/21/2007
9-May-07	9-May-07	5/9/2007
10-May-07	14-May-07	5/14/2007
14-May-07	15-May-07	12/10/2008
29-May-07	21-Nov-07	11/21/2007
11-Jun-07	11-Jun-07	6/11/2007
13-Jun-07	28-Jun-07	5/6/2011
26-Jun-07	28-Jun-07	11/1/2007
29-Jun-07	6-Jul-07	7/6/2007
6-Jul-07	6-Jul-07	7/6/2007
10-Jul-07	10-Jul-07	7/10/2007
17-Jul-07	17-Jul-07	7/17/2007
20-Jul-07	23-Jul-07	7/23/2007
26-Jul-07	27-Jul-07	7/27/2007
26-Jul-07	27-Jul-07	7/27/2007
2-Aug-07	2-Aug-07	8/2/2007
17-Aug-07	21-Nov-07	11/21/2007
17-Aug-07	21-Nov-07	11/21/2007
4-Sep-07	4-Sep-07	12/10/2008
4-Sep-07	4-Sep-07	9/4/2007
17-Sep-07	17-Sep-07	9/17/2007
23-Sep-07	24-Sep-07	9/24/2007
6-Oct-07	8-Oct-07	12/10/2008
9-Oct-07	11-Oct-07	10/11/2007
14-Oct-07	19-Oct-07	10/19/2007
21-Oct-07	22-Oct-07	11/1/2007
22-Oct-07	22-Oct-07	10/22/2007
25-Oct-07	30-Oct-07	11/21/2007
28-Oct-07	29-Oct-07	10/29/2007
6-Nov-07	14-Nov-07	11/14/2007
8-Nov-07	14-Nov-07	11/14/2007
10-Nov-07	14-Nov-07	11/14/2007
19-Nov-07	21-Nov-07	11/21/2007
21-Nov-07	21-Nov-07	11/21/2007
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21-Nov-07	21-Nov-07	11/21/2007
21-Nov-07	21-Nov-07	11/21/2007
21-Nov-07	21-Nov-07	11/21/2007
21-Nov-07	21-Nov-07	11/21/2007
21-Nov-07	21-Nov-07	11/21/2007
21-Nov-07	21-Nov-07	11/21/2007
21-Nov-07	21-Nov-07	11/21/2007
21-Nov-07	21-Nov-07	11/21/2007
25-Nov-07	27-Nov-07	11/27/2007
26-Nov-07	27-Nov-07	11/27/2007

Category 1	4800	3800
Category 2	6850	6850
Category 3	85	0
Category 3	135	135
Category 1	115	50
Category 1	113	80
Category 1	145	0
Category 1	1560	500
Category 1	115	0
Category 1	630	0
Category 3	385	0
Category 1	4050	2400
Category 1	3000	2800
Category 2	7500	7000
Category 1	5650	5000
Category 3	390	0
Category 3	55	0
Category 1	760	300
Category 2	3300	0
Category 2	1280	1280
Category 3	136	0
Category 1	5300	2000
Category 3	111	111
Category 1	960	900
Category 3	148	0
Category 1	392185	11000
Category 3	20	0
Category 3	62	62
Category 3	75	75
Category 1	2150	0
Category 3	260	204
Category 3	148	0
Category 1	585	0
Category 3	168	0
Category 3	136	0
Category 1	580	480
Category 1	760	500
Category 1	20	0
Category 1	98	0
Category 1	3800	1500
Category 3	2	0
Category 3	2	0
Category 3	2	0
Category 3	3	0
Category 3	2	0
Category 3	3	0
Category 3	5	0
Category 3	2	0
Category 3	2	0
Category 3	1	0
Category 3	2	0
Category 3	2	0
Category 3	5	0
Category 3	270	130
Category 3	160	0

1000	No	Yes
0	No	No
	No	No
	No	No
65	Yes	Yes
33	No	Yes
145	No	Yes
1060	No	Yes
115	No	Yes
630	No	Yes
0	No	No
1650	Yes	No
200	No	Yes
0	No	No
650	Yes	Yes
	No	No
	No	No
460	No	Yes
0	No	No
0	No	No
	No	No
3300	No	Yes
	No	No
60	No	Yes
0	No	No
381185	Yes	Yes
0	No	No
	No	No
	No	No
2150	No	Yes
	No	No
	No	No
585	Yes	Yes
	No	No
	No	No
100	No	Yes
260	Yes	Yes
12	Yes	Yes
98	Yes	No
2300	No	Yes
	No	No
	No	No
	No	No
	No	No
	No	No
	No	No
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	No	No
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	No	No
	No	No
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	No	No
	No	No

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

SR# 2983253
SR# 2984130
SR# 2984246
SR# 2984261
SR# 2985537
SR# 2985742
SR# 2985810
SR# 2986089
SR# 2986388
SR# 2986718
SR# 2986852
SR# 2990234
SR# 2991218
SR# 2993478
SR# 2995304
SR# 2995244
SR# 2996977
SR 2997759
SR 2999122
SR 2999897
SR# 3000463
SR# 3000794
SR# 3001515
SR# 3004700
SR# 3004619
SR# 3005859
SR# 3006252
SR# 3010636
SR# 3012118 & 3012120
SR# 3017885
SR 3018513
SR# 3019846
SR# 3021534
SR 3020912
SR# 3021624
SR# 3022441
SR# 3023823
SR# 3023244
SR# 3024909
SR# 3026089
SR 3002136
SR 3003557
SR 2999810
SR# 2998136
SR 3011143
SR 2988926
SR# 2994356
SR 2977134
SR 2976778
SR# 3002090
SR 2971603
SR 2976486
SR# 3023694
SR# 3026713
SR# 3026392

32.907653	117.153542	San Diego
32.743472	117.248681	San Diego
32.770297	117.092461	San Diego
32.747325	117.051494	San Diego
32.746831	117.1702	San Diego
32.707236	117.124006	San Diego
32.745808	117.005042	San Diego
32.823878	117.090339	San Diego
32.739667	117.229111	San Diego
32.928811	117.202597	San Diego
32.714489	117.079197	San Diego
32.768333	117.174722	San Diego
32.706667	117.113889	San Diego
32.736944	-117.105278	San Diego
32.806389	117.193333	San Diego
32.750278	117.229722	San Diego
32.727778	117.2525	San Diego
32.745833	117.119167	San Diego
32.746667	117.1075	San Diego
32.832778	117.253056	San Diego
32.733056	117.115833	San Diego
32.553611	117.047778	San Diego
32.782778	117.2525	San Diego
32.803611	117.038333	San Diego
32.951111	117.245833	San Diego
33.042653	117.070539	San Diego
32.822778	117.227778	San Diego
32.743333	117.168056	San Diego
32.753889	117.058056	San Diego
32.723422	117.127744	San Diego
32.748611	117.085833	San Diego
32.762778	117.249722	San Diego
32.763056	117.0725	San Diego
32.760278	117.153056	San Diego
32.844722	117.260833	San Diego
32.85	117.193056	San Diego
32.721389	117.241667	San Diego
33.043056	117.040556	San Diego
32.735833	117.166667	San Diego
32.886389	117.222222	San Diego
32.766389	117.113889	San Diego
32.758333	117.078889	San Diego
32.698889	117.096389	San Diego
32.733889	117.222778	San Diego
32.8075	117.170833	San Diego
32.835833	117.280556	San Diego
32.785556	117.2375	San Diego
32.782778	117.238056	San Diego
32.726111	117.251111	San Diego
32.726944	117.133611	San Diego
32.770556	117.107222	San Diego
32.738611	117.076944	San Diego
32.835833	117.280556	San Diego
32.759167	117.054444	San Diego
32.73	117.133333	San Diego

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9

ED_006495_00001080-25370

Talmage Canyon Park

Easement main in canyon

sso located at manhole in slope of a canyon area off of Escala Drive and upstream of Lake Hodges

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

Clean out

Clean out

Exposed pipe in canyon

Pipe Lining Failure

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

Revoverd 3800 gal in canyon 1000 gal dried in canyon
Recovered 6850 gallons at diversion valve # 14 @ West Point Loma Bl & Bacon
Dirt Canyon at Talmage Canyon Park

Dried in dirt in back of 3791 Eagel St
Soaked in groundin alley

Soaked in canyon dirt
Dried in storm drain
Soaked in canyon dirt
Soaked into dirt in back of address
Dry Side of San Diego River
Soaked into dirt culvert
Pumped back into system and 500 gal soak into canyon dirt
Intercepted at City sewer interceptor T-3

Disipated into dirt ground
Interceptor IPS -21 Captured and return to collection system.
Soaked into canyon dirt
Soaked in dry river bed
Recovered at diversion valve # 42,41 and 44

Dirt
Went into Lake Hodges

Dirt Canyon
Dirt gutter area.
Sand
Soak into soil & Vegetation Behind 5616 Campanile Way.
Absorbing into dirt ground in canyon
Soaked into dirt

Pacific Ocean
Dissipated in unknown name creek water
Dirt Storm Drain Channel At N. Arroyo Dr X Brant St
Soaked into canyon dirt

Soaked in dirt

4/23/2007 10:36	4/23/2007 10:36	4/23/2007 10:55	4/23/2007 11:40
4/26/2007 20:35	4/27/2007 7:39	4/27/2007 7:55	4/27/2007 8:00
4/27/2007 20:45	4/27/2007 20:45	4/27/2007 20:45	4/27/2007 22:10
4/28/2007 9:45	4/28/2007 9:48	4/28/2007 10:10	4/28/2007 10:30
5/2/2007 9:02	5/2/2007 9:04	5/2/2007 9:22	5/2/2007 9:25
5/3/2007 15:07	5/3/2007 15:15	5/3/2007 15:45	5/3/2007 17:00
5/4/2007 8:31	5/4/2007 8:34	5/4/2007 8:50	5/4/2007 9:00
5/7/2007 5:44	5/7/2007 5:48	5/7/2007 6:15	5/7/2007 7:28
5/8/2007 11:57	5/8/2007 11:59	5/8/2007 12:15	5/8/2007 12:20
5/10/2007 9:00	5/10/2007 9:01	5/10/2007 9:30	5/10/2007 9:30
5/11/2007 10:08	5/11/2007 10:09	5/11/2007 10:39	5/11/2007 11:25
5/28/2007 18:04	5/28/2007 18:05	5/28/2007 18:25	5/28/2007 19:25
6/4/2007 8:01	6/4/2007 8:02	6/4/2007 8:20	6/4/2007 8:31
6/11/2007 9:50	6/11/2007 9:52	6/11/2007 9:50	6/11/2007 12:20
6/25/2007 10:07	6/25/2007 10:09	6/25/2007 10:25	6/25/2007 12:00
6/24/2007 19:11	6/24/2007 19:13	6/24/2007 19:30	6/24/2007 19:50
7/3/2007 15:15	7/3/2007 15:17	7/3/2007 15:41	7/3/2007 16:10
7/9/2007 12:47	7/9/2007 12:49	7/9/2007 13:05	7/9/2007 13:25
7/16/2007 16:53	7/16/2007 16:54	7/16/2007 17:23	7/16/2007 17:48
7/20/2007 14:26	7/20/2007 14:26	7/20/2007 14:50	7/20/2007 15:30
7/25/2007 7:22	7/25/2007 7:24	7/25/2007 7:50	7/25/2007 8:30
7/26/2007 11:57	7/26/2007 11:59	7/26/2007 11:20	7/26/2007 12:50
7/31/2007 9:13	7/31/2007 9:15	7/31/2007 9:25	7/31/2007 9:50
8/17/2007 7:52	8/17/2007 7:54	8/17/2007 8:15	8/17/2007 8:40
8/16/2007 22:47	8/16/2007 22:50	8/16/2007 23:19	8/17/2007 1:15
8/20/2007 10:00	8/24/2007 14:00	8/24/2007 14:00	8/24/2007 15:45
8/28/2007 15:32	8/28/2007 15:33	8/28/2007 15:45	8/28/2007 15:52
9/16/2007 9:13	9/16/2007 9:14	9/16/2007 9:30	9/16/2007 10:15
9/23/2007 17:05	9/23/2007 17:08	9/23/2007 17:20	9/23/2007 17:30
10/6/2007 10:37	10/6/2007 10:42	10/6/2007 11:00	10/6/2007 11:20
10/9/2007 7:41	10/9/2007 7:41	10/9/2007 8:00	10/9/2007 8:46
10/13/2007 18:02	10/13/2007 18:06	10/13/2007 18:30	10/13/2007 20:30
10/21/2007 12:56	10/21/2007 12:59	10/21/2007 13:15	10/21/2007 13:35
10/19/2007 9:14	10/19/2007 9:14	10/19/2007 9:30	10/19/2007 10:10
10/22/2007 7:54	10/22/2007 7:55	10/22/2007 8:15	10/22/2007 10:10
10/28/2007 13:32	10/28/2007 13:41	10/28/2007 14:00	10/28/2007 14:20
11/6/2007 7:52	11/6/2007 7:53	11/6/2007 8:20	11/6/2007 8:30
11/1/2007 17:40	11/1/2007 17:41	11/1/2007 18:00	11/2/2007 10:00
11/10/2007 7:11	11/10/2007 7:14	11/10/2007 7:24	11/10/2007 8:00
11/19/2007 8:20	11/19/2007 8:22	11/19/2007 8:30	11/19/2007 8:58
8/3/2007 7:38	8/3/2007 7:40	8/3/2007 9:00	8/3/2007 8:15
8/10/2007 14:30	8/10/2007 14:30	8/10/2007 14:45	8/10/2007 15:00
7/19/2007 22:26	7/19/2007 22:26	7/19/2007 22:45	7/19/2007 22:50
7/10/2007 8:00	7/10/2007 20:17	7/10/2007 20:50	7/10/2007 22:30
9/20/2007 8:50	9/20/2007 8:51	9/20/2007 9:10	9/20/2007 9:20
5/21/2007 21:35	5/21/2007 21:37	5/21/2007 22:00	5/21/2007 22:41
6/15/2007 13:58	6/15/2007 15:09	6/15/2007 15:24	6/15/2007 16:15
3/13/2007 21:32	3/13/2007 21:51	3/13/2007 22:19	3/13/2007 22:30
3/10/2007 16:50	3/10/2007 16:50	3/10/2007 17:10	3/10/2007 17:15
8/20/2007 19:00	8/20/2007 19:02	8/20/2007 19:17	8/20/2007 19:17
2/3/2007 16:00	2/3/2007 16:01	2/3/2007 16:20	2/3/2007 17:00
3/8/2007 16:56	3/8/2007 16:59	3/8/2007 17:28	3/8/2007 18:00
11/5/2007 14:30	11/5/2007 14:32	11/5/2007 15:00	11/5/2007 16:15
11/25/2007 14:00	11/25/2007 14:00	11/25/2007 14:20	11/25/2007 15:30
11/21/2007 11:07	11/21/2007 11:08	11/21/2007 11:30	11/21/2007 11:39

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

Main Break
Roots & Grease Blockage

Flusher hose stuck in lateral

Private Pump Station

10 rodder screw and debris

Heavy Paper towels
grease, rags, mop head

Root & Grease
Pipe Lining Failure

Concrete Chunk & clothing pieces

& Toilet paper

Burned out tree from Witch creek fire fell on cast iron pipe line.
Root Blockage inside 8 VC Main

Main

8 PVC
6 CP

6 VC

10 VC

15 vc

8 vc

8 VC
6 VC

6

8 vc
6 VC

8 VC
6 PVC
6 VC
6 CP
8 VC
6 CP
6 VC
6 VC
6 CP
6 VC
6 CP
8 VC
8 VC

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

Repaired pipe

Refer to cctv for pipe Condition

Cleaned area and washed down strret

Soak into Dirt Canyon across 1650 31st Street

Tested water in creek
Soak into soil.

Luth & Turley Clean up inside garage and damage area.

4/23/2007 11:40
4/27/2007 20:00

5/2/2007 9:25
5/3/2007 0:30
5/4/2007 9:00
5/7/2007 7:28
5/8/2007 12:20
5/10/2007 9:30

5/29/2007 14:42
6/4/2007 8:31
6/11/2007 12:20
6/25/2007 21:30

7/9/2007 13:25
7/16/2007 20:23
7/20/2007 20:30

7/26/2007 12:50

8/17/2007 11:10

8/24/2007 11:08

10/6/2007 16:10

10/21/2007 17:15

10/28/2007 16:40
11/6/2007 14:20
11/2/2007 10:00
11/10/2007 8:52
11/19/2007 8:58

Adjusted schedule/method of preventive maintenance;Enforcement action against FOG source
Adjusted schedule/method of preventive maintenance;Enforcement action against FOG source

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

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

Adjusted schedule/method of preventive maintenance;Enforcement action against FOG source
Adjusted schedule/method of preventive maintenance
Adjusted schedule/method of preventive maintenance

Adjusted schedule/method of preventive maintenance

Adjusted schedule/method of preventive maintenance;Enforcement action against FOG source

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

Adjusted schedule/method of preventive maintenance

Adjusted schedule/method of preventive maintenance

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

CCTV mains in area

Notified contractor

rerouted section of sewer main out of canyon area and back into the street

No
No

No
No
No
No
No
No

No
No
No
No

No
No
No

No

No

Yes

No

No

No
No
No
No
No

N/A

N/A

No
No

No
No
No
No
No
No

No
No
Yes
Yes

No
No
No

No

No

Yes

No

No

No
Yes
No
No
No

N/A
N/A

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

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

N/A
N/A
N/A

N/A

N/A

N/A

N/A

N/A

N/A
San Diego Bay @ Shelter Island Yacht Basin
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
No surface water impacted
Tecolote Creek

N/A
N/A
N/A

N/A

N/A

Lake Hodges

N/A

N/A

N/A
San Diego Bay & Pacific Ocean
Unknown name creek
N/A
N/A

Not applicable to this spill
Not applicable to this spill

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

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

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

Not applicable to this spill

Not applicable to this spill

Biological indicator(s) - specify below

Not applicable to this spill

Not applicable to this spill

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

enterococcus, e coli, total coliform

Coliform, E.coli & Enterococcus
Coliform & Enterococcus
N/A

Not applicable to this spill
Not applicable to this spill

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

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

Not applicable to this spill
County Health Agency;Regional Water Quality Control Board;No water quality samples taken
No water quality samples taken

Not applicable to this spill

Not applicable to this spill

County Health Agency;Regional Water Quality Control Board

Not applicable to this spill

Not applicable to this spill

Not applicable to this spill
County Health Agency;Regional Water Quality Control Board
County Health Agency;Regional Water Quality Control Board
Not applicable to this spill
No water quality samples taken

N/A

72484	4/23/2007 14:15
72564	4/27/2007 14:07
72580	4/28/2007 7:48
72582	4/28/2007 11:44
72665	5/2/2007 12:55
72706	5/3/2007 0:30
72718	5/4/2007 13:40
72761	5/7/2007 7:28
72799	5/8/2007 12:20
72851	5/10/2007 13:10
72874	5/11/2007 14:45
73264	5/29/2007 14:42
73388	6/4/2007 13:55
73530	6/11/2007 14:20
73828	6/25/2007 13:12
73808	6/24/2007 20:06
73992	7/3/2007 21:30
74115	7/9/2007 16:30
74257	7/16/2007 20:33
74363	7/20/2007 21:12
74466	7/25/2007 13:15
74496	7/26/2007 15:10
74582	7/31/2007 10:55
74927	8/17/2007 11:10
74917	8/17/2007 2:15
75109	8/24/2007 19:07
75234	8/29/2007 11:25
75651	9/17/2007 7:52
75817	9/23/2007 19:20
76078	10/6/2007 16:10
76122	10/9/2007 13:00
76254	10/14/2007 7:40
76428	10/21/2007 17:15
76393	10/19/2007 10:45
76451	10/22/2007 14:00
76602	10/28/2007 16:40
76839	11/6/2007 14:20
76762	11/2/2007 11:30
76932	11/10/2007 8:52
77167	11/19/2007 13:40
77173	11/20/2007 13:58
77172	11/20/2007 13:58
77187	11/20/2007 13:58
77191	11/20/2007 14:39
77169	11/21/2007 8:24
77195	11/21/2007 8:24
77193	11/20/2007 14:39
77196	11/21/2007 8:24
77189	11/20/2007 14:39
77174	11/21/2007 9:06
	11/21/2007 9:06
77192	11/21/2007 9:44
77166	11/21/2007 10:01
77277	11/25/2007 17:44
77230	11/21/2007 13:50

9SSO10658	Active	708259	Christopher Toth	Certified
9SSO10658	Active	708266	Christopher Toth	Certified
9SSO10658	Active	708723	Christopher Toth	Certified
9SSO10658	Active	708906	Christopher Toth	Certified
9SSO10658	Active	708908	Christopher Toth	Certified
9SSO10658	Active	709330	Christopher Toth	Certified
9SSO10658	Active	709540	Christopher Toth	Certified
9SSO10658	Active	709803	Christopher Toth	Certified
9SSO10658	Active	710153	Christopher Toth	Certified
9SSO10658	Active	710155	Christopher Toth	Certified
9SSO10658	Active	710215	Christopher Toth	Certified
9SSO10658	Active	710717	Christopher Toth	Certified
9SSO10658	Active	711098	Christopher Toth	Certified
9SSO10658	Active	711153	Christopher Toth	Certified
9SSO10658	Active	711155	Christopher Toth	Certified
9SSO10658	Active	711516	Christopher Toth	Certified
9SSO10658	Active	711889	Christopher Toth	Certified
9SSO10658	Active	712236	Christopher Toth	Certified
9SSO10658	Active	713010	Christopher Toth	Certified
9SSO10658	Active	713057	Christopher Toth	Certified
9SSO10658	Active	713772	Christopher Toth	Certified
9SSO10658	Active	713843	Christopher Toth	Certified
9SSO10658	Active	714316	Stan Griffith	Certified
9SSO10658	Active	714342	Christopher Toth	Certified
9SSO10658	Active	714358	Christopher Toth	Certified
9SSO10658	Active	714359	Christopher Toth	Certified
9SSO10658	Active	714660	Christopher Toth	Certified
9SSO10658	Active	714676	Christopher Toth	Certified
9SSO10658	Active	714776	Christopher Toth	Certified
9SSO10658	Active	715512	Christopher Toth	Certified
9SSO10658	Active	715560	Christopher Toth	Certified
9SSO10658	Active	715562	Christopher Toth	Certified
9SSO10658	Active	715564	Christopher Toth	Certified
9SSO10658	Active	715565	Christopher Toth	Certified
9SSO10658	Active	715567	Christopher Toth	Certified
9SSO10658	Active	715569	Christopher Toth	Certified
9SSO10658	Active	715571	Christopher Toth	Certified
9SSO10658	Active	715789	Christopher Toth	Certified
9SSO10658	Active	715948	Christopher Toth	Certified
9SSO10658	Active	716223	Christopher Toth	Certified
9SSO10658	Active	716350	Christopher Toth	Certified
9SSO10658	Active	716908	Christopher Toth	Certified
9SSO10658	Active	717198	Christopher Toth	Certified
9SSO10658	Active	717199	Christopher Toth	Certified
9SSO10658	Active	717824	Christopher Toth	Certified
9SSO10658	Active	718401	Christopher Toth	Certified
9SSO10658	Active	718565	Christopher Toth	Certified
9SSO10658	Active	719006	Christopher Toth	Certified
9SSO10658	Active	719086	Christopher Toth	Certified
9SSO10658	Active	720048	Christopher Toth	Certified
9SSO10658	Active	721352	Christopher Toth	Certified
9SSO10658	Active	721456	Christopher Toth	Certified
9SSO10658	Active	722367	Christopher Toth	Certified
9SSO10658	Active	722488	Christopher Toth	Certified
9SSO10658	Active	722780	Christopher Toth	Certified

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San Diego, CA		177484
San Diego, CA		512886
San Diego, CA		576427
San Diego, CA		940973
San Diego, CA		426730
San DIego, CA		334320
San Diego, CA		563386
San Diego, CA		339122
San Diego, CA		948179
San Diego, CA		241604
9150 Topaz Way		322236
San Diego, CA		221922
San Diego, CA		651671
San Diego, CA		724629
San Diego, CA		948825
San Diego, CA		356023
9150 Topaz Way		503758
San Diego, CA		972950
San Diego, CA		889735
San Diego, CA		100303
San Diego, CA		301767
San Diego, CA		735224
	15:45	410954
San Diego, CA		581807
San Diego, CA		692899
San Diego, CA		620167
9150 Topaz Way		702435
9150 Topaz Way		739950
9150 Topaz Way		841703
9150 Topaz Way		878911
San Diego, CA		558530
San Diego, CA		627998
9150 Topaz Way		510214
San Diego, CA		252065
9150 Topaz Way		428559
9150 Topaz Way		708602
9150 Topaz Way		740942
San Diego, CA		852346
San Diego, CA		402686
San Diego, CA		999363
San Diego, CA		229518
San Diego, CA		507974
San Diego, CA		228448
San Diego, CA		420226
San Diego, CA		279841
San Diego, CA		688837
San Diego, CA		123020
San Diego, CA		308246
San Diego, CA		641752
San Diego, CA		349055
San Diego, CA		896279
San Diego, CA		591105
San Diego, CA		295979
San Diego, CA		694467
9150 Topaz Way		903364

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

Category 3	1	0
Category 1	270	0
Category 3	395	0
Category 3	214	0
Category 1	8330	1050
Category 3	50	50
Category 1	1	0
Category 3	50	0
Category 3	200	0
Category 1	900	50
Category 1	1	0
Category 3	231	165
Category 3	680	600
Category 3	34	34
Category 3	70	70
Category 1	1300	0
Category 3	150	0
Category 3	120	0
Category 3	360	360
Category 2	2500	2500
Category 3	385	0
Category 2	1500	0
Category 2	2140	0
Category 2	2430	0
Category 3	140	140
Category 1	640	540
Category 1	250	150
Category 1	1580	0
Category 3	64	0
Category 1	400	120
Category 1	235	100
Category 3	265	0
Category 3	56	0
Category 3	22	0
Category 1	108	30
Category 3	165	165
Category 1	490	20
Category 3	22	0
Category 1	43	20
Category 1	1075	350
Category 3	1	0
Category 1	33750	25792
Category 3	780	580
Category 3	150	0
Category 1	1675	400
Category 1	160	25
Category 1	1025	900
Category 1	3300	1664
Category 1	3950	0
Category 1	4500	3300
Category 3	91	0
Category 3	92	0
Category 3	270	0
Category 2	1350	1350
Category 1	220	0

	No	No
270	No	Yes
	No	No
	No	No
7280	Yes	Yes
	No	No
1	Yes	No
	No	No
	No	No
850	No	Yes
1	Yes	Yes
	No	No
	No	No
	No	No
	No	No
1300	Yes	Yes
	No	No
	No	No
0	No	No
0	No	No
	No	No
0	No	No
0	No	No
0	No	No
	No	No
100	Yes	Yes
100	Yes	Yes
1580	Yes	Yes
0	No	No
280	No	Yes
135	Yes	No
0	No	No
0	No	No
0	No	No
78	Yes	No
0	No	No
470	Yes	No
0	No	No
23	No	Yes
725	No	Yes
0	No	No
7958	Yes	Yes
0	No	No
0	No	No
1275	Yes	Yes
135	No	Yes
125	No	Yes
1636	Yes	Yes
3950	Yes	Yes
1200	No	Yes
0	No	No
0	No	No
0	No	No
0	No	Yes
220	No	Yes

Not Applicable - Spill did not reach storm drainpipe
No
Not Applicable - Spill did not reach storm drainpipe
Not Applicable - Spill did not reach storm drainpipe
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Yes
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SR# 3026902
SR# 3026834
SR# 3028689
SR# 3029486
SR# 3029038
SR# 3030007
SR# 3030835
SR# 3031002
SR# 3031433
SR# 3031617
SR# 3032118
SR# 3034138
SR# 3036205
SR# 3036479
SR# 3036485
SR# 3037188
SR# 3038499
SR# 3039512
SR# 3041881
SR# 3040296
SR# 3042784
SR3043101
SR# 3042829
SR# 3043902
SR# 3043978
SR# 3043981
SR# 3045243
SR# 3043847
SR# 3046086
SR#3049802
SR#3020642
SR#3044500
SR#3045899
SR#3039957
SR#3039716
SR#3033359
SR#3034433
6246 Malcolm Dr.
Irvington Ave. x Mission Village Dr.
12900 Torrey Ridge Dr.
SR# 3054504
SR# 3056210
SR# 3058409
SR# 3058419
SR # 3064680
SR# 3065824
SR#3066095
SR# 3067050
SR# 3067440
SR# 3070790
SR# 3073499
SR# 307359
SR# 3074906
SR# 3075050
SR# 3075736

32.782778	117.238056	San Diego
32.746389	117.084722	San Diego
32.743889	117.1125	San Diego
32.729444	117.132222	San Diego
32.680556	117.248333	San Diego
32.844444	117.274722	San Diego
32.820833	117.199444	San Diego
32.908611	117.228611	San Diego
32.812222	117.264167	San Diego
32.803333	117.2075	San Diego
32.821111	117.2	San Diego
32.803889	117.0575	San Diego
32.746944	117.085	San Diego
32.808611	117.008333	San Diego
32.711111	117.242778	San Diego
32.785278	117.252778	San Diego
32.722778	117.237778	San Diego
32.78	117.090556	San Diego
32.750833	117.090833	San Diego
32.745	117.166944	San Diego
32.715833	117.067778	San Diego
32.745	117.155556	San Diego
32.754444	-117.176944	San Diego
32.698889	117.126944	San Diego
32.755	117.1725	San Diego
32.841389	117.268333	San Diego
32.705278	117.158056	San Diego
32.818611	117.273889	San Diego
32.743333	117.158611	San Diego
32.866111	117.208611	San Diego
32.815278	117.18	San Diego
32.73	117.1175	San Diego
32.730556	117.116944	San Diego
32.880278	117.213333	San Diego
32.719444	117.151944	San Diego
32.926667	117.164167	San Diego
32.794722	117.060556	San Diego
32.755	117.060833	San Diego
32.795556	117.125833	San Diego
32.955556	117.225833	San Diego
32.697928	117.11505	San Diego
32.567222	117.062222	San Diego
32.690556	117.113611	San Diego
32.797222	117.053889	San Diego
32.724167	117.070833	San Diego
32.796111	117.061667	San Diego
32.728333	117.083611	San Diego
32.823889	117.272778	San Diego
33.04333	117.0875	San Diego
32.902222	117.065278	San Diego
32.733611	117.110833	San Diego
32.743333	117.151667	San Diego
32.855556	117.220556	San Diego
32.831389	117.272222	San Diego
32.923333	117.200833	San Diego

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Between manhole # 346 & 349 dripping coupling inside tecolote canyon.

Tecolote Canyon

SSB ONLY

Spill from MH# 287

39th St. x Lexington Ave.

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

Access cover gasket

Steel Coupling

Private lateral clean out

Fail Coupling

Clean out

Private property sewer clean out

Air Valve

MH# 504

Private clean out

MH# 287

Air Valve
P/S# 60A

Private manhole

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

1gal pooled in bath tub and was washed back into system.

Soaked into dirt on private property
Back Patio at 2236 29th St

Pooled and recoverd in alley
Tecolote Creek
Dried in dirt
Soaked into dirt in the alley in back of property
Soaked into dirt in canyon
Tecolote Creek
Rear of 6351 Amberly St
Lost Appox 80 gals that dried in street

Private Property
Canyon / Vegetation
stormdrain outlet at 4869 University Ave city crews recovered 360 gallons
Recovered from storm drain
Patio & Basement
Absorbing into ground in canyon.
2140.0 Soaked into canyon dirt
Under Property at 3115 Martin Ave

Soaked into canyon dirt

In Side of home
Storm Channel
And 3 Back Yards
Saturated into Canyon Soil
In canyon near storm drain outlet
Dried in canyon area at Navajo Rd. x College Ave.
Soak into soil at Storm Drain Outlet behind 5193 De Burn Dr San Diego Ca 92105.

Lake Hodges
Storm Drain Oulet in canyon across from 10100 Rue Chantemar
Soaked into soil around manhole.
Soaked into dirt appox 25' down from man hole
Soaked into dirt appox 30' form man hole in canyon
Recovered at interceptor # 20
Soaked into canyon dirt

11/26/2007 18:30	11/26/2007 18:36	11/26/2007 19:00	11/26/2007 19:10
11/26/2007 16:50	11/26/2007 16:53	11/26/2007 17:15	11/26/2007 18:20
12/4/2007 10:51	12/4/2007 10:52	12/4/2007 11:15	12/4/2007 12:10
12/9/2007 13:28	12/9/2007 13:29	12/9/2007 14:00	12/9/2007 15:15
12/5/2007 8:30	12/5/2007 11:00	12/5/2007 11:00	12/6/2007 4:00
12/12/2007 12:00	12/12/2007 12:02	12/12/2007 12:15	12/12/2007 12:25
12/15/2007 12:00	12/15/2007 12:03	12/15/2007 12:45	12/15/2007 14:30
12/17/2007 8:41	12/17/2007 8:42	12/17/2007 9:10	12/17/2007 9:10
12/19/2007 9:30	12/19/2007 9:31	12/19/2007 9:55	12/19/2007 10:10
12/20/2007 7:04	12/20/2007 7:05	12/20/2007 7:30	12/20/2007 7:40
12/22/2007 11:30	12/22/2007 11:30	12/22/2007 11:45	12/22/2007 13:30
1/6/2008 10:53	1/6/2008 10:59	1/6/2008 11:10	1/6/2008 12:10
1/10/2008 9:32	1/10/2008 9:33	1/10/2008 10:00	1/10/2008 10:40
1/13/2008 9:38	1/13/2008 9:43	1/13/2008 10:00	1/13/2008 10:12
1/13/2008 12:00	1/13/2008 12:08	1/13/2008 12:26	1/13/2008 13:10
1/16/2008 14:18	1/16/2008 14:20	1/16/2008 14:40	1/16/2008 15:10
1/26/2008 10:39	1/26/2008 10:47	1/26/2008 11:05	1/26/2008 11:20
2/1/2008 16:30	2/1/2008 17:25	2/1/2008 17:25	2/1/2008 17:30
2/15/2008 12:24	2/15/2008 12:24	2/15/2008 12:45	2/15/2008 13:00
2/8/2008 8:20	2/8/2008 8:22	2/8/2008 8:35	2/8/2008 9:10
2/23/2008 14:40	2/23/2008 14:45	2/23/2008 15:10	2/23/2008 15:35
2/25/2008 13:01	2/25/2008 13:01	2/25/2008 13:30	2/25/2008 13:51
2/29/2008 8:10	2/29/2008 8:12	2/29/2008 8:30	2/29/2008 9:57
2/29/2008 16:48	2/29/2008 16:53	2/29/2008 17:15	2/29/2008 19:30
3/2/2008 9:40	3/2/2008 9:45	3/2/2008 10:15	3/2/2008 12:00
3/2/2008 11:07	3/2/2008 11:16	3/2/2008 11:40	3/2/2008 13:15
3/8/2008 9:20	3/8/2008 9:22	3/8/2008 9:40	3/8/2008 9:45
2/29/2008 9:52	2/29/2008 9:53	2/29/2008 10:20	2/29/2008 12:30
3/11/2008 10:01	3/11/2008 10:02	3/11/2008 10:02	3/11/2008 10:33
3/25/2008 19:00	3/25/2008 19:02	3/25/2008 19:30	3/25/2008 20:20
10/17/2007 23:23	10/17/2007 23:24	10/17/2007 23:45	10/18/2007 0:10
3/4/2008 17:07	3/4/2008 17:09	3/4/2008 17:35	3/4/2008 18:00
3/11/2008 16:26	3/11/2008 16:29	3/11/2008 16:59	3/11/2008 17:22
2/5/2008 19:50	2/5/2008 19:52	2/5/2008 20:12	2/5/2008 20:12
2/4/2008 15:31	2/4/2008 15:33	3/4/2008 16:00	3/4/2008 16:25
1/2/2008 17:27	1/2/2008 17:28	1/2/2008 17:28	1/2/2008 18:00
1/7/2008 17:57	1/7/2008 17:59	1/7/2008 18:28	1/7/2008 19:35
4/3/2008 19:58	4/3/2008 20:00	4/3/2008 20:20	4/3/2008 20:20
4/8/2008 15:57	4/8/2008 15:59	4/8/2008 16:15	4/8/2008 16:40
4/16/2008 23:16	4/16/2008 23:18	4/16/2008 23:40	4/16/2008 23:59
4/21/2008 11:31	4/21/2008 11:32	4/21/2008 11:55	4/21/2008 11:31
4/30/2008 12:00	4/30/2008 12:02	4/30/2008 12:30	4/30/2008 14:15
5/10/2008 8:28	5/10/2008 8:39	5/10/2008 8:59	5/10/2008 9:20
5/10/2008 8:40	5/10/2008 8:40	5/10/2008 8:40	5/10/2008 8:45
5/21/2008 16:18	5/21/2008 16:20	5/21/2008 16:45	5/21/2008 17:25
5/29/2008 12:18	5/29/2008 12:20	5/29/2008 12:40	5/29/2008 12:50
5/31/2008 13:39	5/31/2008 13:46	5/31/2008 14:00	5/31/2008 14:20
6/5/2008 7:56	6/5/2008 7:58	6/5/2008 8:28	6/5/2008 8:40
6/6/2008 10:41	6/6/2008 10:44	6/6/2008 11:12	6/6/2008 12:00
6/22/2008 8:39	6/22/2008 8:47	6/22/2008 9:15	6/22/2008 9:39
7/2/2008 18:29	7/2/2008 18:29	7/2/2008 18:29	7/2/2008 20:00
7/3/2008 8:08	7/3/2008 8:10	7/3/2008 8:35	7/3/2008 9:40
7/14/2008 13:16	7/14/2008 13:18	7/14/2008 13:45	7/14/2008 14:10
7/15/2008 9:16	7/15/2008 9:18	7/15/2008 9:48	7/15/2008 10:10
7/17/2008 13:26	7/17/2008 13:30	7/17/2008 14:00	7/17/2008 14:10

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

Access Cover gasket rolled causing it to fail
Concrete in main blocking flow
Dripping Coupling

Coupling Dripping

Lining Defect

Heavy Roots and pipe gasket failure

10 bar screw

and roots where also found.
Rocks
Rock Blockage
Rocks & Debris

Roots and paper towels
Roots and grease
Root & grease blockage
Air Valve
Roots

Uknown

Root blockage on a 6 CP easement main
Roots & rags

SSB ONLY
Rocks and sludge

paper towels and cloth shop rags

Air Valve

Grease & debris

Private pump station issue

Main

Main

6 VC

6 CP
8 VC
8 PVC

15 VC

8 VC
8 VC

8 PVC

8 VC

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

Turn over to city construction crew to make repairs

made coupling repair

Construction Crew was call out to make repairs.

Not an SSO upon arrival, but signs of a recent spill at manhole

Call out Luth & Turley to clean up 3 Back Yards

Notified HOA of issue

11/26/2007 18:20

12/6/2007 4:00

12/15/2007 14:30

12/20/2007 7:40
12/22/2007 13:30

1/21/2008 14:31

2/15/2008 13:00
2/8/2008 14:00

2/25/2008 17:30
2/29/2008 10:30
2/29/2008 19:30

3/2/2008 13:15
3/8/2008 9:45
2/29/2008 12:30

3/26/2008 19:25
10/18/2007 0:10

2/4/2008 16:25

1/7/2008 19:35

4/8/2008 20:00
4/17/2008 3:00

4/30/2008 14:15

5/21/2008 17:25
5/29/2008 17:00
5/31/2008 16:15
6/5/2008 8:40
6/6/2008 14:45
6/22/2008 13:40

7/15/2008 13:35
7/17/2008 16:25

Adjusted schedule/method of preventive maintenance;Enforcement action against FOG source

Repaired sewer

Repaired sewer

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

Repaired sewer

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

Adjusted schedule/method of preventive maintenance;Enforcement action against FOG source
Other (specify below)

Adjusted schedule/method of preventive maintenance;Enforcement action against FOG source

Adjusted schedule/method of preventive maintenance

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

Adjusted schedule/method of preventive maintenance

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

Adjusted schedule/method of preventive maintenance;Enforcement action against FOG source;Other (specify below)
Other (specify below)

repaired/performed necessary corrective maintenance on cover of outfall structure

replaced or repair steel coupling.

CCTVED MAINS

Sewr line was repaired and signs were posted from 01/16/2008 thru 01/20/2008 as requested by San Diego County Healtl

O& M Repaired Air Valve

Repair Air Valve
Repair Pumps

Has area mains cctved
Notified HOA of issue

No

No

No

No
No

No

No
No

No
No
No

No
No
No

No
No

No

No

Yes
Yes

No

No
Yes
No
Yes
Yes
No

No
No

N/A

N/A

Tested Storm Drain Outlet at Coast Bl X Prospect . Results were clear.

No

Yes

No

No
No

Yes

No
No

No
No
No

No
No
Yes

No
No

No

No

No
No

No

No
No
No
Yes
Yes
No

No
No

N/A

Pacific Ocean

N/A

N/A
N/A

Sail Bay

N/A
N/A

N/A
N/A
N/A

N/A
N/A
Pacific beach

N/A
N/A

N/A

N/A

NA
NA

N/A

N/A
NA
N/A
La Jolla Hermosa Park
N/A
N/A

N/A
N/A

N/A

Pacific Ocean

N/A

N/A
N/A

San Diego Mission Bay Channel

N/A
N/A

N/A
No surface water impacted
N/A

N/A
San Diego Bay
Pacific Ocean

N/A
N/A

N/A

N/A

NA
NA

N/A

N/A
NA
N/A
Pacific Ocean
Lake Hodges
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

Dissolved oxygen

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
Biological indicator(s) - specify below

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

Not applicable to this spill
No water quality samples taken

N/A

N/A
E- coli & Enterococcus

E-Coli and Enterococcus
E.Coli & Enterococcus

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

County Health Agency;Regional Water Quality Control Board

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
Regional Water Quality Control Board

Not applicable to this spill
Not applicable to this spill

Not applicable to this spill

No water quality samples taken

None of the above
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
County Health Agency;Regional Water Quality Control Board
County Health Agency;Regional Water Quality Control Board
Not applicable to this spill

Not applicable to this spill
No water quality samples taken

N/A

77316	11/27/2007 10:14
77309	11/28/2007 7:43
77495	12/4/2007 13:45
77602	12/9/2007 18:59
77509	12/7/2007 13:55
77673	12/12/2007 13:45
77730	12/15/2007 17:30
77760	12/17/2007 13:25
77810	12/19/2007 14:50
77822	12/20/2007 10:31
77864	12/22/2007 15:22
80202	1/6/2008 13:17
80348	1/10/2008 14:10
80401	1/13/2008 12:39
80403	1/13/2008 13:46
80504	1/21/2008 14:10
80785	1/26/2008 16:54
81008	2/1/2008 20:10
81371	2/15/2008 17:25
81192	2/8/2008 14:00
81537	2/23/2008 18:16
81590	2/25/2008 16:15
81715	2/29/2008 10:30
81738	3/1/2008 8:30
81757	3/2/2008 15:50
81760	3/2/2008 16:36
81906	3/8/2008 14:17
81727	2/29/2008 14:50
81977	3/11/2008 13:34
82362	3/26/2008 19:25
76362	10/18/2007 8:58
81881	3/6/2008 23:10
81986	3/11/2008 21:10
81109	2/6/2008 8:00
81077	2/5/2008 2:55
80029	1/2/2008 23:55
80300	1/8/2008 23:59
82552	4/3/2008 20:20
82649	4/8/2008 17:30
82851	4/17/2008 4:30
83157	4/30/2008 18:25
83405	5/10/2008 11:09
83407	5/10/2008 12:33
83670	5/22/2008 4:15
83858	5/29/2008 19:35
83899	5/31/2008 16:15
84023	6/5/2008 15:05
84059	6/6/2008 14:45
84444	6/22/2008 13:40
84890	7/3/2008 0:45
84906	7/3/2008 13:10
85163	7/14/2008 16:30
85184	7/15/2008 13:35
85251	7/17/2008 16:25

9SSO10658	Active	723203	Christopher Toth	Certified
9SSO10658	Active	724020	Christopher Toth	Certified
9SSO10658	Active	724193	Christopher Toth	Certified
9SSO10658	Active	724455	Christopher Toth	Certified
9SSO10658	Active	724581	Christopher Toth	Certified
9SSO10658	Active	724583	Christopher Toth	Certified
9SSO10658	Active	724768	Christopher Toth	Certified
9SSO10658	Active	724903	Christopher Toth	Certified
9SSO10658	Active	724935	Christopher Toth	Certified
9SSO10658	Active	725117	Stan Griffith	Certified
9SSO10658	Active	725270	Christopher Toth	Certified
9SSO10658	Active	725983	Christopher Toth	Certified
9SSO10658	Active	726798	Christopher Toth	Certified
9SSO10658	Active	727329	Christopher Toth	Certified
9SSO10658	Active	727895	Christopher Toth	Certified
9SSO10658	Active	728074	Christopher Toth	Certified
9SSO10658	Active	728632	Christopher Toth	Certified
9SSO10658	Active	728723	Christopher J. Toth	Certified
9SSO10658	Active	729089	Christopher Toth	Certified
9SSO10658	Active	729289	Christopher Toth	Certified
9SSO10658	Active	729290	Christopher Toth	Certified
9SSO10658	Active	729329	Christopher Toth	Certified
9SSO10658	Active	729472	Christopher Toth	Certified
9SSO10658	Active	729527	Christopher Toth	Certified
9SSO10658	Active	730061	Christopher Toth	Certified
9SSO10658	Active	730106	Christopher Toth	Certified
9SSO10658	Active	730187	Christopher Toth	Certified
9SSO10658	Active	731300	C Toth	Certified
9SSO10658	Active	731364	Christopher Toth	Certified
9SSO10658	Active	731512	Christopher Toth	Certified
9SSO10658	Active	731700	Christopher Toth	Certified
9SSO10658	Active	731754	Christopher Toth	Certified
9SSO10658	Active	732105	Christopher Toth	Certified
9SSO10658	Active	732496	Christopher Toth	Certified
9SSO10658	Active	732580	Christopher Toth	Certified
9SSO10658	Active	733198	Christopher Toth	Certified
9SSO10658	Active	733481	Christopher Toth	Certified
9SSO10658	Active	733815	Christopher Toth	Certified
9SSO10658	Active	733940	Christopher J. Toth	Certified
9SSO10658	Active	733950	Christopher Toth	Certified
9SSO10658	Active	733955	Christopher Toth	Certified
9SSO10658	Active	734187	Christopher Toth	Certified
9SSO10658	Active	734219	Christopher Toth	Certified
9SSO10658	Active	734540	Christopher Toth	Certified
9SSO10658	Active	734792	Christopher Toth	Certified
9SSO10658	Active	734859	Christopher Toth	Certified
9SSO10658	Active	734865	Christopher Toth	Certified
9SSO10658	Active	734950	Christopher Toth	Certified
9SSO10658	Active	735545	Christopher Toth	Certified
9SSO10658	Active	736079	Christopher Toth	Certified
9SSO10658	Active	736193	Christopher Toth	Certified
9SSO10658	Active	736247	Christopher Toth	Certified
9SSO10658	Active	736465	Christopher Toth	Certified
9SSO10658	Active	737186	Christopher Toth	Certified
9SSO10658	Active	737224	Christopher Toth	Certified

Deputy Director
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9150 Topaz Way		790207
San Diego, CA		113591
San Diego, CA		941232
San Diego, CA		919488
San Diego, CA		713000
San Diego, CA		191630
San Diego, CA		816060
San Diego, CA		567389
San Diego, CA		737112
	15:46	509354
San Diego, CA		209978
San Diego, CA		748359
San Diego, CA		792731
San Diego, CA		693867
San Diego, CA		226204
San Diego, CA		607960
San Diego, CA		706968
San Diego, CA		873999
San Diego, CA		346236
San Diego, CA		286584
San Diego, CA		196345
San Diego, CA		834407
San Diego, CA		735775
San Diego, CA		976742
San Diego, CA		943076
San Diego, CA		382168
San Diego, CA		486500
	10:58	946393
San Diego, CA		456448
San Diego, CA		298253
San Diego, CA		325462
San Diego, CA		763152
San Diego, CA		874793
San DIego, CA		214553
San Diego, CA		932760
San Diego, CA		191043
San Diego, CA		595324
San Diego, CA		879302
	14:56	481797
	15:07	288548
	15:19	511199
9150 Topaz Way		403356
9150 Topaz Way		168737
San Diego, CA		701889
San Diego, CA		841062
San Diego, CA		982436
San Diego, CA		859792
San DIego, CA		977805
San Diego, CA		237940
San Diego, CA		334767
San Diego, CA		573879
San Diego, CA		203509
San Diego, CA		838800
San Diego, CA		889314
San Diego, CA		437688

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

Category 3	330	0
Category 1	2460	0
Category 1	1822	0
Category 1	1410	1185
Category 1	5700	0
Category 1	3360	3000
Category 1	285	150
Category 1	265	50
Category 1	600	500
Category 2	2200	0
Category 1	690	250
Category 1	340	100
Category 1	300	0
Category 2	2080	0
Category 1	2920	1930
Category 3	660	44
Category 3	250	0
Category 1	33542	15808
Category 3	43	0
Category 3	600	0
Category 1	600	0
Category 1	285	75
Category 1	108	0
Category 1	360	0
Category 3	350	0
Category 1	270	0
Category 1	112	52
Category 1	13600	5000
Category 1	50	0
Category 2	1380	0
Category 3	60	60
Category 1	4480	4280
Category 3	60	60
Category 1	183	0
Category 3	118	0
Category 3	55	50
Category 1	132	0
Category 2	37200	36200
Category 1	320	300
Category 3	675	0
Category 2	1460	0
Category 1	1750	500
Category 1	27500	26200
Category 1	1400	100
Category 3	200	200
Category 1	300	0
Category 1	45	15
Category 1	50	40
Category 1	30	10
Category 3	445	445
Category 3	20	20
Category 3	600	600
Category 1	295	50
Category 1	560	260
Category 1	117	25

0	No	No
2460	No	Yes
1822	Yes	No
225	Yes	Yes
5700	Yes	Yes
360	Yes	No
135	No	Yes
215	No	Yes
100	Yes	Yes
0	No	No
440	No	Yes
240	No	Yes
300	No	Yes
0	No	No
990	No	Yes
0	No	No
0	No	No
17734	Yes	Yes
0	No	No
0	No	No
600	No	Yes
210	No	Yes
108	No	Yes
360	No	Yes
0	No	No
270	Yes	Yes
60	No	Yes
13600	Yes	Yes
50	No	Yes
0	No	No
0	No	No
200	Yes	Yes
0	No	No
183	No	Yes
0	No	No
0	No	No
132	No	Yes
0	No	No
20	No	Yes
0	No	No
0	No	No
1250	Yes	Yes
1300	No	Yes
1300	Yes	Yes
0	No	No
300	No	Yes
30	No	Yes
10	Yes	Yes
20	No	Yes
0	No	No
0	No	No
0	No	No
245	No	Yes
300	No	Yes
92	No	Yes

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

SR# 3076821
SR# 3079138
SR# 3079852
SR# 3080956
SR# 3081752
SR# 3081312
SR# 3086107
SR# 3086719
SR# 3086807
SR3087166
SR# 3088010
SR# 3090799
SR#3093288
SR# 3096565
SR# 3099084
SR# 3099877
SR# 3093234
SR# 3103096
SR# 3104923
SR# 3106250
SR# 3106269
SR# 3106745
SR# 3107101
SR# 3107748
SR#3109336
SR#3109101
SR # 3109842
SR# 3114607
SR# 3115230
SR# 3116451
SR#3117437
SR# 3117569
SR#3119250
SR#3120649
SR# 3120931
SR# 3122129
SR# 3123937
SR# 3124832
SR#3125633
SR#3125722
SR#3125702
SR# 3126673
3126818
SR# 3127864
SR#3129009
SR# 3129907
SR# 3129935
SR# 3131352
SR# 3133064
SR#3135166
SR#3136096
SR#3136497
SR# 3138492
SR# 3141922
SR# 3142458

32.738056	117.119167	San Diego
33.063556	117.109389	San Diego
32.968889	117.150833	San Diego
32.751944	117.156111	San Diego
32.741667	117.050556	San Diego
32.796944	117.036111	San Diego
32.723611	117.107778	San Diego
32.771944	117.0825	San Diego
32.558611	117.048611	San Diego
32.745556	-117.149444	San Diego
32.814444	117.241111	San Diego
32.755278	117.065556	San Diego
32.715	117.021944	San Diego
32.709444	117.246111	San Diego
32.965556	117.232778	San Diego
32.710278	117.128611	San Diego
32.841944	117.269722	San Diego
32.974722	117.229444	San Diego
32.808889	117.263333	San Diego
32.749444	117.174167	San Diego
32.833333	117.085556	San Diego
32.803611	117.062778	San Diego
32.766389	117.050833	San Diego
32.709722	117.134167	San Diego
32.754444	117.156389	San Diego
32.722778	117.233889	San Diego
32.846944	117.245278	San Diego
32.788253	117.099617	San Diego
32.678958	117.049397	San Diego
32.743367	117.112567	San Diego
32.757222	117.104722	San Diego
32.814389	117.253933	San Diego
32.683056	117.043333	San Diego
32.6875	117.023889	San Diego
32.734114	117.116344	San Diego
32.742172	117.234869	San Diego
32.708439	117.139464	San Diego
32.749353	117.196344	San Diego
32.813611	117.241667	San Diego
32.7125	117.106667	San Diego
32.702222	117.0775	San Diego
32.678964	117.049392	San Diego
32.975136	117.230211	San Diego
32.738431	117.215114	San Diego
32.791111	-117.178889	San Diego
32.760714	-117.164658	San Diego
32.784947	-117.110531	San Diego
32.773339	-117.245161	San Diego
32.789556	-117.203519	San Diego
32.741111	-117.244722	San Diego
32.921389	-117.239444	San Diego
32.721389	-117.165	San Diego
32.918089	-117.154019	San Diego
32.856611	-117.217478	San Diego
32.758403	-117.092911	San Diego

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SSB ONLY

SSB ONLY

SSB ONLY

Van Nuys Canyon

At intersection

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

Air Valve

SSB ONLY

Lateral clean out

On 12/30/08 crew responded to call received 0837 there was no evident spill upon arrival. Contractor had pumper truck s

Clean out
Spill from main break appeared through asphalt street

Equipment failure - Vactor rear door seal defective on vehicle# 824016.

Air Valve Failure

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

Canyon dirt
Creek
Storm channel
Soaked into dry creek bed @ Kelton and S-R94 E/B
Drainage Channel

Storm Channel
2200.0 Soaked into Canyon
Soaked into canyon dirt

Soak into Vegetation behind 1101 Carlsbad St
Soaked into dirt on navy base

Underneath Property at 416 J St San Diego Ca 92113
Inside property at 7548 Cabrillo Av

Soaked into dirt
Canyon
Canyon
Soaked into dirt around outlet

Behind property at 927 Johnson Ave

Soaked into dirt in canyon

Tourmaline Surf Park

Soaked into soil/iceplant near manhole
recovered 50 gal in gutter

approximately 1000 gallons soaked into soil at site during the event. The recovered SSO volume drained back into the o

Private Property

Entered San Diego Bay then the Pacific Ocean
Inside Shower Tub at 6218 Osler St

inside Properties 4570 * 4574 Narragansett Ave

Private sewer lateral cleanout
Soaked into dirt
Soaked into dirt in canyon

7/22/2008 19:39	7/22/2008 19:42	7/22/2008 20:05	7/22/2008 20:45
7/31/2008 8:27	7/31/2008 8:30	7/31/2008 8:50	7/31/2008 10:30
8/4/2008 7:41	8/4/2008 7:42	8/4/2008 8:10	8/4/2008 10:10
8/8/2008 12:10	8/8/2008 12:12	8/8/2008 12:40	8/8/2008 20:00
8/12/2008 11:46	8/12/2008 11:47	8/12/2008 12:00	8/12/2008 12:24
8/11/2008 21:32	8/11/2008 21:37	8/11/2008 21:55	8/12/2008 0:20
8/16/2008 20:30	8/16/2008 20:33	8/16/2008 20:55	8/16/2008 22:05
8/19/2008 20:02	8/19/2008 20:05	8/19/2008 20:35	8/19/2008 20:55
8/20/2008 9:50	8/20/2008 9:51	8/20/2008 10:20	8/20/2008 10:30
8/22/2008 11:32	8/22/2008 11:43	8/22/2008 12:10	8/22/2008 13:00
8/26/2008 10:44	8/26/2008 10:45	8/26/2008 11:15	8/26/2008 11:30
9/9/2008 8:11	9/9/2008 8:12	9/9/2008 8:20	9/9/2008 8:45
9/21/2008 14:08	9/21/2008 14:10	9/21/2008 14:30	9/21/2008 14:30
10/2/2008 9:50	10/2/2008 11:31	10/2/2008 12:00	10/2/2008 13:18
10/14/2008 15:08	10/14/2008 15:11	10/14/2008 15:40	10/14/2008 20:00
10/19/2008 11:16	10/19/2008 11:25	10/19/2008 11:40	10/19/2008 12:00
9/20/2008 9:59	9/20/2008 10:16	9/20/2008 10:30	9/20/2008 10:59
10/30/2008 4:34	10/30/2008 6:41	10/30/2008 7:28	10/30/2008 7:30
11/7/2008 8:37	11/7/2008 8:39	11/7/2008 9:05	11/7/2008 9:20
11/15/2008 16:08	11/15/2008 16:10	11/15/2008 16:25	11/15/2008 16:48
11/16/2008 0:00	11/16/2008 8:30	11/16/2008 8:30	11/16/2008 8:40
11/17/2008 0:00	11/17/2008 18:26	11/17/2008 18:55	11/17/2008 19:20
11/18/2008 22:16	11/18/2008 22:19	11/18/2008 22:49	11/18/2008 23:10
11/20/2008 0:00	11/20/2008 8:10	11/20/2008 8:40	11/20/2008 9:20
11/29/2008 14:35	11/29/2008 14:39	11/29/2008 14:50	11/29/2008 15:45
11/27/2008 0:00	11/27/2008 12:51	11/27/2008 13:20	11/27/2008 13:45
12/2/2008 0:00	12/2/2008 13:26	12/2/2008 13:50	12/2/2008 14:22
12/26/2008 0:00	12/26/2008 10:12	12/26/2008 10:25	12/26/2008 11:20
12/30/2008 0:00	12/30/2008 8:37	12/30/2008 8:50	12/30/2008 8:50
1/6/2009 0:00	1/6/2009 14:03	1/6/2009 14:30	1/6/2009 15:35
1/11/2009 10:30	1/11/2009 10:34	1/11/2009 10:55	1/11/2009 11:30
1/12/2009 0:00	1/12/2009 11:45	1/12/2009 12:12	1/12/2009 15:26
1/16/2009 18:17	1/16/2009 18:20	1/16/2009 18:40	1/16/2009 19:17
1/25/2009 0:00	1/25/2009 11:44	1/25/2009 12:05	1/25/2009 12:44
1/26/2009 19:02	1/26/2009 19:05	1/26/2009 19:30	1/26/2009 21:00
2/5/2009 10:55	2/5/2009 10:56	2/5/2009 11:20	2/5/2009 11:50
2/11/2009 0:00	2/11/2009 9:57	2/11/2009 10:27	2/11/2009 11:00
2/17/2009 0:00	2/17/2009 8:06	2/17/2009 8:30	2/17/2009 9:06
2/21/2009 0:00	2/21/2009 10:06	2/21/2009 10:25	2/21/2009 10:35
2/22/2009 15:20	2/22/2009 15:25	2/22/2009 15:40	2/22/2009 16:05
2/21/2009 0:00	2/21/2009 19:38	2/21/2009 21:15	2/21/2009 22:00
2/26/2009 0:00	2/26/2009 8:11	2/26/2009 8:35	2/26/2009 8:45
2/26/2009 0:00	2/26/2009 22:13	2/26/2009 22:40	2/27/2009 0:00
3/3/2009 0:00	3/3/2009 11:01	3/3/2009 11:20	3/3/2009 11:05
3/8/2009 17:00	3/8/2009 17:06	3/8/2009 17:20	3/8/2009 17:20
3/11/2009 0:00	3/11/2009 13:21	3/11/2009 13:50	3/11/2009 14:20
3/10/2009 0:00	3/10/2009 21:15	3/10/2009 21:15	3/10/2009 21:30
3/15/2009 0:00	3/15/2009 10:00	3/15/2009 10:30	3/15/2009 10:46
3/26/2009 0:00	3/26/2009 0:05	3/26/2009 0:05	3/26/2009 0:35
4/4/2009 14:00	4/4/2009 14:02	4/4/2009 14:25	4/4/2009 14:45
4/9/2009 9:30	4/9/2009 10:04	4/9/2009 10:20	4/9/2009 11:00
4/12/2009 13:10	4/12/2009 13:11	4/12/2009 13:35	4/12/2009 14:00
4/18/2009 0:00	4/18/2009 9:57	4/18/2009 10:25	4/18/2009 10:55
5/6/2009 0:00	5/6/2009 8:35	5/6/2009 8:55	5/6/2009 9:30
5/7/2009 0:00	5/7/2009 20:53	5/7/2009 21:20	5/7/2009 21:30

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

Roots & Rags
leak on air valve.

Contractor replacing sewer main in area hit a 12 water main causing sewer main to surcharge and overflow.
Pipe lining failure
Roots & Rags

And rag/paper towel blockage

And root intrusion.

Private Lateral Vandalized at 8638 Potrero Ave Spring Valley
Brick & Asphalt

And rocks

Rocks
Liner failed

Piece of pipe blocked channel in manhole

Metal Scoop left inside manhole

Rocks

Contractor left rope left in main tied from manhole 153 to manhole 131 causing paper products to collect around bundlec
Contractor hit an 8 PVC force main while excavating
And Sludge

Equipment failure - Vactor rear door seal defective on vehicle# 824016.
Sand

Air Valve Failure
Rocks & Dirt

Grease & Rags

Main

Main

8 VC

8 VC
8 VC
8 VC

8 PVC

8 PVC

8 VC
8 VC

8 PVC
8 VC

6 VC

8 PVC

10 VC

6 VC

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

Had basement cleaned

Contractor will make repairs

N/A

7/31/2008 11:30
8/4/2008 14:20
8/8/2008 20:00
8/12/2008 17:40
8/12/2008 21:00
8/17/2008 0:15
8/19/2008 0:00
8/20/2008 13:30
8/22/2008 14:52
8/26/2008 15:20
9/9/2008 14:20
9/21/2008 14:30
10/2/2008 15:24
10/14/2008 23:30

10/29/2008 12:20

11/16/2008 8:40
11/17/2008 22:00
11/19/2008 2:30
11/20/2008 13:40

11/27/2008 13:45
12/2/2008 14:22
12/26/2008 14:57
12/30/2008 8:50
1/6/2009 18:55

1/12/2009 16:30

1/25/2009 13:00

2/11/2009 11:00
2/17/2009 14:30
2/21/2009 14:10

2/21/2009 22:00
2/26/2009 12:10
2/27/2009 3:00
3/3/2009 12:21

3/11/2009 15:23
3/10/2009 23:00
3/15/2009 12:30
3/26/2009 2:30

4/18/2009 11:50
5/6/2009 9:30
5/8/2009 0:00

Other (specify below)
Adjusted schedule/method of preventive maintenance;Other (specify below)
Other (specify below)
Other (specify below)
Adjusted schedule/method of preventive maintenance
Adjusted schedule/method of preventive maintenance
Adjusted schedule/method of preventive maintenance
Adjusted schedule/method of preventive maintenance;Enforcement action against FOG source
Adjusted schedule/method of preventive maintenance
Adjusted schedule/method of preventive maintenance;Repaired sewer
Adjusted schedule/method of preventive maintenance
Adjusted schedule/method of preventive maintenance
Adjusted schedule/method of preventive maintenance
Other (specify below)

Repaired 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;Enforcement action against FOG source

Adjusted schedule/method of preventive maintenance
Adjusted schedule/method of preventive maintenance
Adjusted schedule/method of preventive maintenance
Repaired sewer
Adjusted schedule/method of preventive maintenance

Other (specify below)

Other (specify below)

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

Adjusted schedule/method of preventive maintenance
Repaired sewer
Other (specify below)
Adjusted schedule/method of preventive maintenance;Enforcement action against FOG source

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

Adjusted schedule/method of preventive maintenance;Enforcement action against FOG source
Adjusted schedule/method of preventive maintenance
Adjusted schedule/method of preventive maintenance

Replace air valve on force main
Spill gallion total (released into the enviroment) could adjust up or down, depending on the outcome of an on going engi
Secured and lowered manhole
Contractor will finish repairs,

Sewer main scheduled to be repaired

No cctv data at this time

Have a tailgate to make sure metal scoops are not left behind after job is completed.

Penta Bolt manhole down

Construction will follow up on repair plan in the am.

Turned vehicle# 824016 in for repair to rear door seal.

No
Yes
No
No
Yes
Yes
Yes
No
No
No
No
No
No
Yes

Yes

No
Yes
Yes
No

No
No
Yes
No
No

Yes

No

Yes
No
No

No
No
Yes
Yes

No
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Yes
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No
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None

N/A

No
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Yes
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Yes

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Yes

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No
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Yes
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No
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N/A
N/A
N/A
N/A
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NA
n/a
N/A
N/A
N/A
N/A
N/A
NA

Del Mar

N/A
NA
NA
N/A

Shelter Island Yacht Basin
NA
Dog Beach
N/A
NA

Tourmaline Surf Park

N/A

NA
N/A
N/A

N/A
N/A
NA
Spanish Landing & Shelter Island

N/A
NA
Venture Cove
NA

N/A
N/A
NA

N/A
N/A
N/A
N/A
NA
NA
NA
n/a
No surface water impacted
N/A
N/A
N/A
N/A
NA

San Dieguito River

N/A
NA
NA
N/A

San Diego Bay
NA
San Diego River
N/A
NA

Pacific Ocean

N/A

NA
N/A
N/A

N/A
N/A
NA
San Diego Bay & Pacific Ocean

N/A
NA
Mission Bay
NA

N/A
N/A
NA

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

Biological indicator(s) - specify below

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

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

Other (specify below)

No water quality samples taken

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

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

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

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

entrococccus
E. Coli and Enterococcus

Enterococcus, fecal

Field sample only

E coli and Enterococcus

Enterocccus, Coliform

E-Coli & Enterococcus

No data on samples taken at this time

Enterococcus, coliform
E- Col And Enterococcus

E Coli and Enterococcus

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

County Health Agency;Regional Water Quality Control Board

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

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

None of the above

No water quality samples taken

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

No water quality samples taken
No water quality samples taken
County Health Agency;Regional Water Quality Control Board;Not applicable to this spill
County Health Agency

No water quality samples taken
Not applicable to this spill
County Health Agency;Regional Water Quality Control Board
No water quality samples taken

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

No data on samples taken at this time

85367	7/23/2008 0:40
85576	7/31/2008 11:30
85653	8/4/2008 14:20
85764	8/8/2008 20:00
85863	8/12/2008 17:40
85833	8/12/2008 6:15
85991	8/17/2008 0:00
86067	8/20/2008 0:30
86080	8/20/2008 13:30
86137	8/22/2008 14:52
86222	8/26/2008 15:20
86588	9/9/2008 14:20
86869	9/21/2008 17:00
87136	10/2/2008 15:24
87434	10/15/2008 1:10
87537	10/19/2008 14:41
86863	9/21/2008 11:22
87819	10/30/2008 12:20
88037	11/7/2008 9:20
88233	11/15/2008 18:42
88237	11/16/2008 9:41
88280	11/18/2008 0:40
88302	11/19/2008 4:15
88344	11/20/2008 13:40
88600	12/2/2008 7:40
88509	11/28/2008 10:10
88619	12/2/2008 16:30
89160	12/26/2008 14:57
90028	1/2/2009 15:15
90107	1/6/2009 18:55
90223	1/11/2009 13:45
90253	1/12/2009 17:30
90390	1/16/2009 20:39
90750	1/25/2009 14:00
90789	1/26/2009 23:45
91063	2/5/2009 18:30
91192	2/11/2009 18:10
91367	2/17/2009 14:30
91508	2/21/2009 14:00
91545	2/23/2009 9:00
91546	
91677	2/26/2009 9:50
91700	2/27/2009 2:30
91829	3/3/2009 13:30
92153	3/10/2009 12:24
92193	3/11/2009 15:23
92200	3/11/2009 19:15
92278	3/15/2009 10:50
92546	3/26/2009 17:30
92755	
92862	4/9/2009 14:00
92932	4/12/2009 16:30
93058	4/18/2009 11:50
93487	5/6/2009 12:50
93525	5/8/2009 2:00

9SSO10658	Active	737260	Christopher Toth	Certified
9SSO10658	Active	737271	Christopher Toth	Certified
9SSO10658	Active	737421	Christopher Toth	Certified
9SSO10658	Active	737720	Christopher Toth	Certified
9SSO10658	Active	737954	Christopher Toth	Certified
9SSO10658	Active	738608	Christopher Toth	Certified
9SSO10658	Active	739742	Christopher Toth	Certified
9SSO10658	Active	740225	Christopher Toth	Certified
9SSO10658	Active	740303	Christopher Toth	Certified
9SSO10658	Active	740492	Christopher Toth	Certified
9SSO10658	Active	740750	Christopher Toth	Certified
9SSO10658	Active	742075	Christopher Toth	Certified
9SSO10658	Active	742171	Christopher Toth	Certified
9SSO10658	Active	743362	Christopher Toth	Certified
9SSO10658	Active	743542	Christopher Toth	Certified
9SSO10658	Active	744315	Christopher Toth	Certified
9SSO10658	Active	744974	Christopher Toth	Certified
9SSO10658	Active	745299	Ann Sasaki	Certified
9SSO10658	Active	745537	Ann Sasaki	Certified
9SSO10658	Active	746619	Ann Sasaki	Certified
9SSO10658	Active	746909	Ann Sasaki	Certified
9SSO10658	Active	747138	Ann Sasaki	Certified
9SSO10658	Active	747370	Ann Sasaki	Certified
9SSO10658	Active	747514	Ann Sasaki	Certified
9SSO10658	Active	748105	Stan Griffith	Certified
9SSO10658	Active	748232	Stan Griffith	Certified
9SSO10658	Active	748442	Stan Griffith	Certified
9SSO10658	Active	748654	Stan Griffith	Certified
9SSO10658	Active	748793	Stan Griffith	Certified
9SSO10658	Active	748805	Stan Griffith	Certified
9SSO10658	Active	748858	Stan Griffith	Certified
9SSO10658	Active	748978	Stan Griffith	Certified
9SSO10658	Active	749136	Stan Griffith	Certified
9SSO10658	Active	749434	Stan Griffith	Certified
9SSO10658	Active	749473	Stan Griffith	Certified
9SSO10658	Active	749494	Stan Griffith	Certified
9SSO10658	Active	749835	Stan Griffith	Certified
9SSO10658	Active	750538	Stan Griffith	Certified
9SSO10658	Active	750971	Stan Griffith	Certified
9SSO10658	Active	751048	Stan Griffith	Certified
9SSO10658	Active	751940	Stan Griffith	Certified
9SSO10658	Active	752430	Stan Griffith	Certified
9SSO10658	Active	752801	Stan Griffith	Certified
9SSO10658	Active	753839	Stan Griffith	Certified
9SSO10658	Active	754594	Stan Griffith	Certified
9SSO10658	Active	754699	Stan Griffith	Certified
9SSO10658	Active	755542	Stan Griffith	Certified
9SSO10658	Active	755692	Stan Griffith	Certified
9SSO10658	Active	755709	Stan Griffith	Certified
9SSO10658	Active	755880	Stan Griffith	Certified
9SSO10658	Active	755940	Stan Griffith	Certified
9SSO10658	Active	756623	Stan Griffith	Certified
9SSO10658	Active	756626	Stan Griffith	Certified
9SSO10658	Active	758372	Stan Griffith	Certified
9SSO10658	Active	758815	Stan Griffith	Certified

Deputy Director
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San Diego, CA		157030
San Diego, CA		978883
San Diego, CA		499463
San Diego, CA		811013
San Diego, CA		715155
San Diego, CA		546645
9150 Topaz Way		414711
San Diego, CA		472077
9150 Topaz Way		862307
9150 Topaz Way		568703
San Diego, CA		757993
San Diego, CA		172715
San Diego, CA		946368
San Diego, CA		415055
San Diego, CA		400169
San Diego, CA		464978
San Diego, CA		923811
	10/6/2009	304836
	10/15/2009	887113
City of San Diego		686403
City of San Diego		447179
City of San Diego		665062
City of San Diego		616143
City of San Diego		862038
9150 Topaz Way		232815
	14:05	319425
	15:58	350185
	16:03	513162
	16:09	564540
	16:28	556304
	16:37	604904
	16:01	839401
	9:25	383905
	16:10	515528
	16:13	390902
	16:07	585686
	16:21	657750
	11:20	208672
	11:23	547397
	15:26	300733
	15:02	496735
	15:32	753495
	16:34	735027
	9:15	490592
	9:36	999591
	9:20	967691
	15:38	123187
	15:24	503971
	14:50	284109
	13:55	540244
	14:03	886924
	11:20	826972
	11:24	113998
	11:55	521577
	9:17	837507

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

Category 1	570	200
Category 1	1680	1000
Category 1	680	125
Category 3	135	0
Category 3	45	0
Category 3	600	0
Category 3	90	90
Category 1	13350	0
Category 1	192	50
Category 3	200	0
Category 3	525	300
Category 1	840	0
Category 3	179	0
Category 1	3300	3000
Category 3	208	0
Category 1	600	0
Category 1	1300	0
Category 1	450	0
Category 3	75	0
Category 3	124	100
Category 2	4000	2000
Category 3	171	171
Category 1	64200	62100
Category 3	78	0
Category 2	2130	0
Category 2	4125	0
Category 3	265	0
Category 1	5025	0
Category 3	340	340
Category 3	945	400
Category 1	4150	3125
Category 3	850	750
Category 3	480	0
Category 3	132	0
Category 3	200	0
Category 3	146	25
Category 3	570	375
Category 3	50	0
Category 3	33	33
Category 3	300	0
Category 1	500	0
Category 2	9000	3500
Category 3	700	0
Category 3	178	45
Category 3	336	336
Category 3	150	150
Category 3	20	0
Category 2	3400	1900
Category 3	1	1
Category 1	3150	3000
Category 1	600	500
Category 3	154	0
Category 3	94	40
Category 3	90	0
Category 3	200	0

370	No	Yes
680	No	Yes
555	No	Yes
0	No	No
0	No	No
0	No	No
0	No	No
13350	Yes	Yes
142	No	Yes
0	No	No
0	No	Yes
840	Yes	Yes
0	No	No
300	No	Yes
0	No	No
600	No	Yes
1300	Yes	Yes
450	Yes	No
0	No	No
0	No	Yes
0	No	Yes
0	No	No
2100	Yes	Yes
0	No	No
0	No	No
0	No	No
0	No	Yes
5025	Yes	Yes
0	No	Yes
0	No	Yes
1025	Yes	Yes
0	No	Yes
0	No	No
0	No	No
0	No	No
0	No	No
0	No	Yes
0	No	No
0	No	No
0	No	Yes
500	Yes	Yes
0	No	Yes
0	No	No
0	No	Yes
0	No	No
0	No	Yes
0	No	No
0	No	Yes
0	No	No
150	Yes	Yes
100	Yes	Yes
0	No	No
0	No	Yes
0	No	Yes
0	No	No

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

SR#3142967
SR3143134
SR# 3143575
SR# 3144976
SR# 3145778
SR#3132508
SR# 3151223
SR# 3152290
SR# 3152509
SR#3152231
SR#3144254
SR# 3158058
SR# 3158293
SR# 3162655
SR# 3163658
SR#3166101
SR# 3171244
SR# 3173210
SR# 3175884
SR#3182443
SR#3185886
SR# 3187072
SR#3188972
SR# 3188095
SR# 3195983
SR# 3195775
SR# 3200230
SR# 3200667
SR# 3201716
SR# 3201765
SR# 3202034
SR#3203048
SR#3204892
SR# 3207128
SR# 3207300
SR# 3206537
SR# 3209776
SR#3213161
SR#3216146
SR#3216742
SR#3222507
SR#3228424
SR#3231486
SR# 3237346
SR# 3240838
SR# 3241014
SR# 3245168
SR# 3246766
SR# 3246855
SR# 3248578
SR# 3249346
SR# 3233958
SR# 3256965
SR# 3271664
SR#3274642

32.801944	-117.099444	San Diego
32.7559	-117.127078	San Diego
32.723458	-117.243233	San Diego
32.710056	-117.137864	San Diego
32.771297	-117.091925	San Diego
32.842222	-117.27	San Diego
32.723483	-117.255767	San Diego
32.778872	-117.060058	San Diego
32.791125	-117.068056	San Diego
32.813611	-117.265833	San Diego
32.752778	-117.084167	San Diego
32.720994	-117.098175	San Diego
32.727539	-117.059803	San Diego
32.776967	-117.181939	San Diego
32.724828	-117.128547	San Diego
32.749406	-117.108669	San Diego
32.769414	-117.154339	San Diego
32.749603	-117.229608	San Diego
32.721292	-117.119586	San Diego
32.772047	-117.082528	San Diego
32.905717	-117.100917	San Diego
32.718325	-117.233964	San Diego
32.800944	-117.21285	San Diego
32.845	-117.261	San Diego
32.984	-117.091	San Diego
32.803	-117.061	San Diego
32.782	-117.06	San Diego
32.825	-117.272778	San Diego
32.834	-117.176	San Diego
32.73	-117.084	San Diego
32.788	-117.168	San Diego
32.780997	-117.051	San Diego
32.759097	-117.166667	San Diego
32.698	-117.115	San Diego
32.845	-117.194	San Diego
32.711	-117.071	San Diego
32.753	-117.133	San Diego
32.784722	-117.153889	San Diego
32.783333	-117.02	San Diego
32.717221	-117.083333	San Diego
32.758889	-117.240997	San Diego
32.783333	-117.173889	San Diego
32.766667	-117.069997	San Diego
32.747	-117.169	San Diego
32.81096	-117.25426	San Diego
32.75402	-117.18999	San Diego
32.83	-117.238	San Diego
32.767	-117.183	San Diego
32.545	-117.06958	San Diego
32.73754	-117.08462	San Diego
32.73969	-117.05161	San Diego
32.75879	-117.07876	San Diego
32.82036	-117.17843	San Diego
32.77108	-117.05999	San Diego
32.711181	-117.05489	San Diego

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SSB ONLY

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

Private clean out

private sewer clean out SSB ONLY

Spill came from joints in sewer main.

SSB ONLY

SSB ONLY

6 CI Water Main Break

Possible main break

Sludge line air vent

Stoppage in City main caused 7-31I

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

Dirt Canyon
Dried in storm drain

Soaked into dirt on property
Soaked into dirt around manhole
Basement

Back into property at 5544 Waverly Ave
Colima Park Golf Course

Soaked into dirt on private property

Soaked into dirt @ Break

Pacific Ocean
Famosa Slough

Behind 5201 Joan Ct / Soaked into dirt area
Soaked into dirt ground behind 10590 Canyon Lake Dr

SD River/Pacific Ocean
in front of 6758 Del Cerro Bl in Canyon
Canyon
SSB ONLY IN HOME
Soaked into dirt in canyon

Canyon

Quivira Basin
Tecolote Canyon
Hillside & Backyard of 4995 Tierra Baja Way

recovered inside of home
Recovered in stormdrain
Soaked into dirt under pipe and removed
Private storm drain system
Sand under pipe
Soaked into dry dirt in Chollas creek
Entered running creek
Soaked into dirt on property

Soaked into dirt at outlet
Playground

5/10/2009 0:00	5/10/2009 10:30	5/10/2009 10:45	5/10/2009 11:05
5/11/2009 0:00	5/11/2009 8:33	5/11/2009 9:00	5/11/2009 9:55
5/13/2009 0:00	5/13/2009 13:40	5/13/2009 14:00	5/13/2009 14:30
5/20/2009 14:30	5/20/2009 14:36	5/20/2009 15:00	5/20/2009 16:45
5/26/2009 10:35	5/26/2009 10:37	5/26/2009 11:05	5/26/2009 11:20
3/20/2009 15:40	3/20/2009 15:41	3/20/2009 15:55	3/20/2009 16:20
6/22/2009 7:15	6/22/2009 7:16	6/22/2009 7:40	6/22/2009 7:45
6/28/2009 0:00	6/28/2009 20:57	6/28/2009 22:15	6/28/2009 22:25
6/29/2009 0:00	6/29/2009 16:29	6/29/2009 16:50	6/29/2009 17:30
6/27/2009 10:42	6/27/2009 10:44	6/27/2009 10:47	6/27/2009 12:07
5/16/2009 0:15	5/16/2009 0:19	5/16/2009 0:30	5/16/2009 2:00
7/29/2009 0:00	7/29/2009 8:19	7/29/2009 8:45	7/29/2009 9:00
7/30/2009 2:31	7/30/2009 2:33	7/30/2009 3:00	7/30/2009 5:30
8/19/2009 0:00	8/19/2009 8:38	8/19/2009 9:00	8/19/2009 9:10
8/24/2009 8:20	8/24/2009 8:22	8/24/2009 8:50	8/24/2009 0:00
9/6/2009 0:00	9/6/2009 18:35	9/6/2009 18:45	9/6/2009 19:30
9/23/2009 0:00	9/23/2009 12:03	9/23/2009 12:20	9/23/2009 12:20
10/1/2009 0:00	10/1/2009 11:04	10/1/2009 11:30	10/1/2009 12:33
10/10/2009 14:35	10/10/2009 14:38	10/10/2009 15:00	10/10/2009 15:50
11/6/2009 0:00	11/6/2009 10:22	11/6/2009 10:40	11/6/2009 11:20
11/22/2009 0:00	11/22/2009 10:39	11/22/2009 10:59	11/22/2009 11:15
11/25/2009 12:48	11/25/2009 12:52	11/25/2009 13:20	11/25/2009 13:45
12/7/2009 0:00	12/7/2009 20:48	12/7/2009 21:15	12/8/2009 9:10
12/2/2009 15:12	12/2/2009 15:15	12/2/2009 15:40	12/2/2009 16:30
1/4/2010 0:00	1/4/2010 7:40	1/4/2010 8:05	1/4/2010 8:50
1/2/2010 0:00	1/2/2010 13:34	1/2/2010 13:50	1/2/2010 16:15
1/19/2010 0:00	1/19/2010 14:03	1/19/2010 14:30	1/19/2010 14:55
1/21/2010 0:00	1/21/2010 13:25	1/21/2010 13:55	1/21/2010 14:30
1/25/2010 10:00	1/25/2010 10:01	1/25/2010 10:30	1/25/2010 13:40
1/25/2010 0:00	1/25/2010 17:50	1/25/2010 18:15	1/25/2010 18:50
1/26/2010 0:00	1/26/2010 17:32	1/26/2010 17:55	1/26/2010 20:15
1/31/2010 0:00	1/31/2010 9:51	1/31/2010 10:15	1/31/2010 11:15
2/5/2010 10:15	2/5/2010 10:16	2/5/2010 10:30	2/5/2010 14:30
2/17/2010 18:18	2/17/2010 18:20	2/17/2010 18:45	2/17/2010 20:30
2/18/2010 10:18	2/18/2010 10:18	2/18/2010 10:25	2/18/2010 10:38
2/14/2010 21:00	2/14/2010 21:11	2/14/2010 21:27	2/14/2010 22:13
2/25/2010 0:00	2/25/2010 21:08	2/25/2010 21:30	2/25/2010 23:00
3/11/2010 15:50	3/11/2010 15:50	3/11/2010 15:50	3/11/2010 16:00
3/24/2010 10:32	3/24/2010 10:33	3/24/2010 11:00	3/24/2010 11:05
3/27/2010 0:00	3/27/2010 17:35	3/27/2010 17:45	3/27/2010 18:30
4/25/2010 0:00	4/25/2010 13:17	4/25/2010 13:35	4/25/2010 14:30
5/16/2010 0:00	5/16/2010 1:06	5/16/2010 1:30	5/16/2010 20:00
5/29/2010 0:00	5/29/2010 13:31	5/29/2010 13:50	5/29/2010 14:05
6/23/2010 0:00	6/23/2010 22:20	6/23/2010 22:45	6/23/2010 23:45
7/8/2010 0:00	7/8/2010 9:52	7/8/2010 10:20	7/8/2010 11:15
7/9/2010 0:00	7/9/2010 10:07	7/9/2010 10:07	7/9/2010 10:10
7/28/2010 0:00	7/28/2010 9:40	7/28/2010 9:40	7/28/2010 10:00
8/2/2010 0:00	8/2/2010 18:05	8/2/2010 18:30	8/2/2010 19:05
8/3/2010 0:00	8/3/2010 7:10	8/3/2010 7:10	8/3/2010 7:20
8/9/2010 0:00	8/9/2010 7:10	8/9/2010 7:35	8/9/2010 8:10
8/10/2010 0:00	8/10/2010 8:20	8/10/2010 8:30	8/10/2010 9:20
9/3/2010 0:00	9/3/2010 13:31	9/3/2010 14:00	9/3/2010 14:45
9/4/2010 0:00	9/4/2010 12:45	9/4/2010 13:05	9/4/2010 13:30
11/4/2010 0:00	11/4/2010 9:15	11/4/2010 9:25	11/4/2010 9:40
11/19/2010 0:00	11/19/2010 9:55	11/19/2010 10:30	11/19/2010 11:00

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

Possable liner failure

Rocks

Rocks
Stoppage in the City main caused by a plug left by the contractor after a downstream project.

Unknown Object in manhole # 185

Also Grease stoppage

N/A
Metal Scoop left inside manhole #81 Blocking Flow.

To be determined
Root blockage on City main caused 7-31O on private property.

LIght Grease
Lining failure

Lining failure
Bypass Pump Failure
Contractor left a plug in main.

Unknown Blockage
6 CI Water Main Break
Rocks.

Liner failure in manhole

Rags clogged air vent

and paper towels

Spill was caused by asphalt, grease & rags. Will follow-up with contractor who recently re-surfaced the private parking lot

Other (specify below)

Main

Main
Main

Rock Blockage

N/A
N/A

Manhole

Grease blockage on a 6 PVC main

6 VC

6 CP

6 VC

8 VC

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

Flood contractor, Luth & Turley cleaned up back yard at 427 26th St.

N/A
N/A

Luth & Turley cleaned up minor flooding on private property

Cleaned SSB In home

Made repairs to pipe

Had contractor/Luth & Turley clean-up the flood damage at this address caused by stoppage in City main.

5/10/2009 14:00
5/11/2009 11:55
5/13/2009 15:30

6/29/2009 9:42
6/29/2009 21:00

7/29/2009 13:41

8/19/2009 10:33

9/6/2009 19:30
9/23/2009 12:20
10/1/2009 13:06

11/6/2009 12:17
11/22/2009 14:39

12/8/2009 9:10

1/4/2010 10:58
1/2/2010 17:00
1/19/2010 14:55
1/21/2010 15:35

1/25/2010 20:00
1/27/2010 3:00
1/31/2010 12:14

2/25/2010 3:00

3/27/2010 19:22
4/25/2010 14:30
5/16/2010 9:56

6/24/2010 1:00

8/2/2010 22:00

8/9/2010 10:00
8/10/2010 12:40

9/4/2010 16:30
11/4/2010 11:50

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

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

Other (specify below)

Adjusted schedule/method of preventive maintenance

Other (specify below)
Adjusted schedule/method of preventive maintenance;Enforcement action against FOG source
Adjusted schedule/method of preventive maintenance;Enforcement action against FOG source

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

Other (specify below)

Adjusted schedule/method of preventive maintenance;Enforcement action against FOG source
Adjusted schedule/method of preventive maintenance
Adjusted schedule/method of preventive maintenance;Enforcement action against FOG source
Adjusted schedule/method of preventive maintenance

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

Other (specify below)

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

Other (specify below)

Adjusted schedule/method of preventive maintenance

Adjusted schedule/method of preventive maintenance
Adjusted schedule/method of preventive maintenance;Enforcement action against FOG source

Adjusted schedule/method of preventive maintenance;Enforcement action against FOG source
Adjusted schedule/method of preventive maintenance

Responsible contracor will be billed for damage caused by spill inside and outside the property at 6252 Lance Pl..

Notified owner of issue

Notified contractor (Orion)

N/A
Removed Metal Scoop

to be determined

Main will be cctv'd to determine integrity of liner

Flushed 4 DI sewer line
Water Dept Made repairs to 6 CI Water Main

Referred to cctv to verify main break

No
No
No

Yes
Yes

No

No

No
Yes
Yes

No
No

Yes

No
No
No
No

Yes
Yes
No

Yes

No
No
No

Yes

Yes

No
No

Yes
No

N/A
N/A

No
No
No

Yes
No

No

No

No
Yes
No

No
No

Yes

No
No
No
Yes

No
Yes
No

No

No
Yes
No

No

No

No
No

No
No

N/A
NA
N/A

Ocean Beach
NA

N/A

N/A

N/A
Dog Beach
N/A

N/A
N/A

De Anza Cove

N/A
NA
N/A
N/A

NA
Dog Beach
N/A

NA

N/A
N/A
N/A

NA

NA

NA
NA

NA

N/A
NA
N/A

San Diego River
NA

N/A

N/A

N/A
San Diego River
N/A

N/A
N/A

MIssion Bay

N/A
NA
N/A
Pacific Ocean

NA
SD River/Pacific Ocean
N/A

NA

N/A
Mission Bay Channel
N/A

NA

NA

NA
NA

NA
N/A
n/a

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

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

No water quality samples taken

No water quality samples taken

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

Not applicable to this spill
Not applicable to this spill

Biological indicator(s) - specify below

No water quality samples taken
Not applicable to this spill
No water quality samples taken
Other (specify below)

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

No water quality samples taken
No water quality samples taken

Not applicable to this spill
No water quality samples taken

Coliform, Enterococcus

N/A

E Coli And Enterococcus
E-coli & Enterococcus

N/A
N/A

Coliform, Enterococcus

E.coli and Enterococcus

Coliform, Enterococcus

Not applicable to this spill
None of the above
No water quality samples taken

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

No water quality samples taken

No water quality samples taken

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

Not applicable to this spill
Not applicable to this spill

County Health Agency;Regional Water Quality Control Board

No water quality samples taken
Not applicable to this spill
No water quality samples taken
County Health Agency

Not applicable to this spill
County Health Agency
Not applicable to this spill

Not applicable to this spill

Not applicable to this spill
County Health Agency;Regional Water Quality Control Board
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
No water quality samples taken

N/A
N/A

93570	5/10/2009 14:00
93593	5/11/2009 11:55
93647	5/13/2009 15:30
93822	5/21/2009 4:25
93935	5/26/2009 13:00
92434	3/21/2009 14:32
94527	6/22/2009 12:20
94665	6/29/2009 9:42
94694	6/30/2009 3:25
94732	7/1/2009 11:33
93710	5/16/2009 8:30
95322	7/29/2009 13:41
95359	7/30/2009 19:12
95771	8/19/2009 11:15
95860	8/24/2009 10:15
96167	9/6/2009 20:00
96503	9/23/2009 13:40
96660	10/1/2009 13:06
96833	10/10/2009 22:40
97476	11/6/2009 12:17
97864	11/22/2009 14:39
97940	11/25/2009 14:48
98170	12/8/2009 12:15
98359	12/15/2009 20:15
100043	1/4/2010 10:58
10019	1/2/2010 16:35
100424	1/19/2010 14:53
100542	1/21/2010 15:35
100656	1/25/2010 13:40
100676	1/26/2010 0:45
100705	1/26/2010 22:30
100829	1/31/2010 12:15
100957	2/5/2010 17:54
101253	2/17/2010 23:15
101271	2/18/2010 14:20
101168	2/15/2010 1:50
101409	2/26/2010 4:50
101744	3/12/2010 13:49
101996	3/24/2010 14:22
102053	3/27/2010 19:22
102595	4/25/2010 0:00
103045	5/16/2010 0:00
103304	5/29/2010 15:39
103835	6/24/2010 5:00
104121	7/8/2010 12:40
101442	7/9/2010 10:35
104523	7/28/2010 14:00
104617	8/2/2010 22:40
104630	8/3/2010 11:50
104745	8/9/2010 10:00
104766	8/10/2010 12:40
105313	9/3/2010 17:55
105328	9/4/2010 15:55
106628	11/4/2010 11:50
106975	11/19/2010 16:49

9SSO10658	Active	759025	Stan Griffith	Certified
9SSO10658	Active	759303	Stan Griffith	Certified
9SSO10658	Active	759653	Stan Griffith	Certified
9SSO10658	Active	759766	Stan Griffith	Certified
9SSO10658	Active	759774	Stan Griffith	Certified
9SSO10658	Active	759775	Stan Griffith	Certified
9SSO10658	Active	759777	Stan Griffith	Certified
9SSO10658	Active	759779	Stan Griffith	Certified
9SSO10658	Active	759837	Stan Griffith	Certified
9SSO10658	Active	759846	Stan Griffith	Certified
9SSO10658	Active	759881	Stan Griffith	Certified
9SSO10658	Active	759895	Stan Griffith	Certified
9SSO10658	Active	759991	Stan Griffith	Certified
9SSO10658	Active	760027	Stan Griffith	Certified
9SSO10658	Active	760138	Stan Griffith	Certified
9SSO10658	Active	760369	Stan Griffith	Certified
9SSO10658	Active	761322	Stan Griffith	Certified
9SSO10658	Active	761337	Stan Griffith	Certified
9SSO10658	Active	761415	Stan Griffith	Certified
9SSO10658	Active	761724	Stan Griffith	Certified
9SSO10658	Active	762560	Stan Griffith	Certified
9SSO10658	Active	762707	Stan Griffith	Certified
9SSO10658	Active	762890	Stan Griffith	Certified
9SSO10658	Active	762960	Stan Griffith	Certified
9SSO10658	Active	763031	Stan Griffith	Certified
9SSO10658	Active	763060	Stan Griffith	Certified
9SSO10658	Active	764058	Stan Griffith	Certified
9SSO10658	Active	764416	Stan Griffith	Certified
9SSO10658	Active	764486	Stan Griffith	Certified
9SSO10658	Active	765551	Stan Griffith	Certified
9SSO10658	Active	765554	Stan Griffith	Certified
9SSO10658	Active	766494	Stan Griffith	Certified
9SSO10658	Active	766495	Stan Griffith	Certified
9SSO10658	Active	766614	Stan Griffith	Certified
9SSO10658	Active	766960	Stan Griffith	Certified
9SSO10658	Active	767005	Stan Griffith	Certified
9SSO10658	Active	767588	Stan Griffith	Certified
9SSO10658	Active	767956	Stan Griffith	Certified
9SSO10658	Active	768264	Stan Griffith	Certified
9SSO10658	Active	768553	Stan Griffith	Certified
9SSO10658	Active	768866	Stan Griffith	Certified
9SSO10658	Active	768882	Stan Griffith	Certified
9SSO10658	Active	768885	Stan Griffith	Certified
9SSO10658	Active	768886	Stan Griffith	Certified
9SSO10658	Active	769490	Stan Griffith	Certified
9SSO10658	Active	770305	Stan Griffith	Certified
9SSO10658	Active	770901	Stan Griffith	Certified
9SSO10658	Active	770903	Stan Griffith	Certified
9SSO10658	Active	771470	Stan Griffith	Certified
9SSO10658	Active	771872	Stan Griffith	Certified
9SSO10658	Active	772324	Stan Griffith	Certified
9SSO10658	Active	772485	Stan Griffith	Certified
9SSO10658	Active	772795	Stan Griffith	Certified
9SSO10658	Active	773288	Stan Griffith	Certified
9SSO10658	Active	773714	Stan Griffith	Certified

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10:04	240467
9:06	813691
9:20	920322
9:57	522996
8:52	278293
8:55	590206
16:00	817471
16:05	860964
9:54	747104
9:52	328810
15:40	298506
9:50	936364
8:57	626201
9:47	940401
10:31	106158
9:18	954461
13:12	688105
10:29	494615
13:20	752087
9:22	255201
16:13	577847
16:16	688169
16:25	176562
16:34	640963
15:00	400449
16:36	776766
15:45	998324
14:55	530943
15:50	722233
16:37	262960
15:55	341993
14:10	918731
14:14	952390
8:35	550855
14:55	800109
15:07	204731
9:00	231068
9:01	778439
14:53	306599
13:58	286356
13:55	196059
13:46	710391
13:53	175229
13:51	760010
14:17	909238
14:30	114700
14:30	711850
10:17	111618
10:32	309656
15:38	996408
15:41	603669
15:26	751942
16:09	910631
15:51	955869
14:46	274960

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

Category 1	450	150
Category 1	12000	0
Category 1	240	0
Category 3	348	0
Category 1	9000	0
Category 1	3600	0
Category 3	120	0
Category 3	240	0
Category 2	2380	2380
Category 2	1080	1080
Category 1	6000	2625
Category 2	1080	1080
Category 1	3000	0
Category 1	3950	1500
Category 1	18000	0
Category 1	132	0
Category 1	3300	1200
Category 1	5000	1500
Category 1	180	30
Category 1	2350	2350
Category 1	2000	500
Category 1	1025	0
Category 1	3250	2750
Category 3	10	10
Category 1	24000	18500
Category 3	36	0
Category 3	500	500
Category 3	74	0
Category 3	165	0
Category 1	50	20
Category 1	2520	0
Category 2	6000	0
Category 3	120	120
Category 1	756	300
Category 1	900	600
Category 3	100	0
Category 3	120	120
Category 3	206	206
Category 1	8505	8255
Category 3	230	230
Category 3	97	0
Category 3	21	21
Category 3	75	0
Category 3	125	0
Category 3	400	180
Category 1	975	0
Category 1	2431550	931550
Category 1	193120	0
Category 3	20	20
Category 2	18000	2000
Category 2	18000	18000
Category 3	175	175
Category 3	655	110
Category 3	600	600
Category 1	5250	4750

300	Yes	Yes
12000	Yes	No
240	Yes	No
0	No	No
9000	Yes	Yes
3600	Yes	Yes
0	No	No
0	No	No
0	No	No
0	No	Yes
3375	Yes	No
0	No	No
3000	Yes	No
2450	Yes	No
18000	Yes	No
132	No	Yes
2100	Yes	Yes
3500	Yes	Yes
150	No	Yes
10	Yes	Yes
1500	Yes	No
1025	Yes	Yes
500	Yes	No
0	No	No
5500	Yes	No
0	No	No
0	No	No
0	No	No
0	No	Yes
30	No	Yes
2520	Yes	Yes
0	No	No
0	No	No
456	Yes	Yes
300	Yes	No
0	No	Yes
0	No	No
0	No	No
250	Yes	Yes
0	No	No
0	No	No
0	No	No
0	No	No
0	No	No
0	No	Yes
975	Yes	Yes
2431550	Yes	Yes
193120	Yes	No
0	No	No
0	No	No
0	No	No
0	No	No
0	No	Yes
0	No	No
500	Yes	Yes

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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SR 3276690
SR#3278637
SR# 3280188
SR# 3280467
SR#3280444
SR#3280456
SR#3280446
SR#3280445
SR# 3280312
SR#3280800
SR# 3280936
SR# 3280983
SR# 3281953
SR# 3282046
SR# 3282429
SR#3283235
SR 3284544
SR#3284758
SR#3285193
SR# 3286011
SR#3288631
SR# 3288989
SR#3289724
SR 3289829
SR#3289760
SR# 3290763
SR3293591
SR# 3295523
3296078
SR 3301636
SR#3209986
SR#3311401
SR#3311415
SR 3311672
SR#3316191
SR# 3316472
SR#3299543
SR# 3324757
SR# 3327927
SR# 3329463
SR# 2969176
3018622
3175884
3198134
SR 3333060
SR 3336254
3338573
SR#3338585
3341510
SR#3344331
SR#3348167
3349442
3351421
SR#3354207
SR#3357046

32.71939	-117.15387	San Diego
32.74896	-117.06207	San Diego
32.80126	-117.03998	San Diego
32.70901	-117.11871	San Diego
32.73766	-117.12922	San Diego
32.716667	-117.156	San Diego
32.77641	-117.05637	San Diego
32.79317	-117.0739	San Diego
32.75452	-117.12822	San Diego
32.72393	-117.24647	San Diego
32.98548	-117.14327	San Diego
32.79791	-117.15282	San Diego
32.79447	-117.03658	San Diego
32.72998	-117.07941	San Diego
32.72281	-117.14266	San Diego
32.70978	-117.1387	San Diego
32.77645	-117.1007	San Diego
32.77693	-117.06207	San Diego
32.75522	-117.20941	San Diego
32.84252	-117.27081	San Diego
32.71749	-117.05174	San Diego
32.80429	-117.07938	San Diego
32.77691	-117.06127	San Diego
32.72674	-117.25142	San Diego
32.57372	-117.04397	San Diego
32.72213	-117.23908	San Diego
32.76043	-117.18965	San Diego
32.75737	-117.17438	San Diego
32.74702	-117.21876	San Diego
32.76562	-117.07063	San Diego
32.82358	-117.22838	San Diego
32.7959	-117.17773	San Diego
32.74578	-117.12243	San Diego
32.75678	-117.17921	San Diego
32.55405	-117.04861	San Diego
32.72154	-117.08267	San Diego
32.75256	-117.20174	San Diego
32.74434	-117.14828	San Diego
32.73666	-117.25517	San Diego
32.84102	-117.22118	San Diego
32.85727	-117.23823	San Diego
32.69263	-117.08708	San Diego
32.71824	-117.11853	San Diego
32.80382	-117.2037	San Diego
32.75045	-117.13061	San Diego
32.73434	-117.05651	San Diego
32.90222	-117.22289	San Diego
32.65096	-117.101876	San Diego
32.86581	-117.2405	San Diego
32.69774	-117.12466	San Diego
32.70691	-117.11815	San Diego
32.73425	-117.23959	San Diego
32.75885	-117.14449	San Diego
32.69494	-117.12003	San Diego
32.72826	-117.22624	San Diego

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SSB Only

N/A
SSB ONLY

Inside properties basement

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

Blockage in City main caused a 7-31I/7-31O at this address
Rain Infiltration

From clean-out in basement

Private sewer cleanouts
Water Reservoir
N/A

N/A
Private sewer lateral

N/A
SSB ONLY
N/A

Private Bypass Pumping Failure.
SSB Only > Blockage in City main caused flood damage at this address.

Private lateral

Manhole Overflow Structure

N/A
Broken 6 VC Main

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

San Diego river
Soaked into dirt in back yard on property
San Diego Bay / Pacific Ocean
San Diego Bay & Pacific Ocean
120 gallons to street/curb and gutter
240 gallons to street/curb and gutter

Sewer Interceptor I-9

Basement
Dog beach

San Diego Bay

San Diego River

IPS 21
N/A
SD River
San Diego River
Crew clean up sewage at gutter
Canyon in back of 4285 Marzo St
Soaked into dirt around manhole

Soaked into dirt around manhole
165 gals captured in Intercepter
Sewage dried up in storm drain
Camp Land in Mission Bay
Property Basement & patio at 6536 Comly St.
Intersection of Landis St X Nile St
456 gallons lost in San Diego River
300 gallons in Concrete Storm Drain Channel behind 208 W. San Ysidro Bl San Diego Ca 92173.
Soaked into dirt at storm drain outlet
Parking Lot
Recovered In underground garage
Pacific Ocean
Bottom floor bathroom/play room.
Soaked in dirt

Soaked into dirt
Stayed on private property
Dried up in storm drain
Dried up in Chollaws Creek

San Diego Bay
Sewage was contained & captured in the gutter
In front of 838 So. Bacroft St
inside basement of 3529 Tompkins St
Contain & captured in gutter

San Diego Bay

12/1/2010 0:00	12/1/2010 9:12	12/1/2010 9:30	12/1/2010 9:55
12/10/2010 0:00	12/10/2010 16:54	12/10/2010 17:15	12/10/2010 17:50
12/20/2010 0:00	12/20/2010 12:15	12/20/2010 12:30	12/20/2010 10:30
12/22/2010 0:00	12/22/2010 12:55	12/22/2010 13:20	12/22/2010 15:45
12/22/2010 0:00	12/22/2010 9:15	12/22/2010 9:15	12/22/2010 10:15
12/22/2010 0:00	12/22/2010 11:23	12/22/2010 11:45	12/22/2010 12:00
12/22/2010 0:00	12/22/2010 10:15	12/22/2010 10:45	12/22/2010 10:45
12/22/2010 9:45	12/22/2010 9:56	12/22/2010 10:15	12/22/2010 11:45
12/21/2010 0:00	12/21/2010 13:08	12/21/2010 13:35	12/21/2010 21:00
12/24/2010 0:00	12/24/2010 23:30	12/24/2010 23:47	12/25/2010 1:15
12/27/2010 0:00	12/27/2010 9:13	12/27/2010 9:25	12/27/2010 10:10
12/27/2010 0:00	12/27/2010 14:30	12/27/2010 14:45	12/27/2010 16:05
12/22/2010 0:00	12/22/2010 10:30	12/22/2010 10:30	12/22/2010 11:30
12/30/2010 0:00	12/30/2010 8:05	12/30/2010 8:30	12/30/2010 9:20
1/3/2011 0:00	1/3/2011 15:30	1/3/2011 15:55	1/3/2011 17:30
1/6/2011 0:00	1/6/2011 13:50	1/6/2011 14:20	1/6/2011 14:50
1/14/2011 0:00	1/14/2011 7:50	1/14/2011 8:09	1/14/2011 8:34
1/16/2011 0:00	1/16/2011 12:45	1/16/2011 13:00	1/16/2011 13:30
1/19/2011 0:00	1/19/2011 12:14	1/19/2011 12:40	1/19/2011 13:00
1/24/2011 0:00	1/24/2011 12:02	1/24/2011 12:17	1/24/2011 12:45
2/6/2011 0:00	2/6/2011 7:45	2/6/2011 8:15	2/6/2011 8:35
2/8/2011 0:00	2/8/2011 14:50	2/8/2011 15:09	2/8/2011 15:20
2/12/2011 0:00	2/12/2011 10:40	2/12/2011 11:00	2/12/2011 11:35
2/14/2011 0:00	2/14/2011 8:38	2/14/2011 8:58	2/14/2011 8:58
2/13/2011 0:00	2/13/2011 8:22	2/13/2011 8:45	2/13/2011 12:20
2/15/2011 0:00	2/15/2011 9:55	2/15/2011 10:20	2/15/2011 10:30
3/4/2011 0:00	3/4/2011 12:03	3/4/2011 12:15	3/4/2011 12:50
3/14/2011 0:00	3/14/2011 21:07	3/14/2011 21:23	3/14/2011 22:15
3/18/2011 0:00	3/18/2011 8:48	3/18/2011 9:10	3/18/2011 9:14
4/14/2011 0:00	4/14/2011 13:36	4/14/2011 14:05	4/14/2011 14:20
2/27/2010 0:00	2/27/2010 9:30	2/27/2010 9:30	2/27/2010 10:40
5/14/2011 0:00	5/14/2011 13:35	5/14/2011 13:50	5/14/2011 14:30
5/15/2011 15:00	5/15/2011 15:04	5/15/2011 15:20	5/15/2011 16:00
5/16/2011 0:00	5/16/2011 10:00	5/16/2011 10:20	5/16/2011 14:10
5/28/2011 0:00	5/28/2011 20:02	5/28/2011 20:30	5/28/2011 20:45
5/31/2011 0:00	5/31/2011 7:55	5/31/2011 7:40	5/31/2011 7:45
4/3/2011 11:00	4/3/2011 11:05	4/3/2011 11:25	4/3/2011 12:00
6/28/2011 11:17	6/28/2011 11:20	6/28/2011 11:50	6/28/2011 13:00
7/8/2011 0:00	7/8/2011 13:48	7/8/2011 14:05	7/8/2011 18:30
7/17/2011 11:14	7/17/2011 11:17	7/17/2011 11:40	7/17/2011 12:00
1/22/2007 11:13	1/22/2007 11:13	1/22/2007 11:40	1/22/2007 12:50
10/9/2007 16:39	10/9/2007 16:40	10/9/2007 17:00	10/9/2007 17:00
10/10/2010 14:35	10/10/2010 14:38	10/10/2010 15:00	10/10/2010 15:50
1/11/2010 18:50	1/11/2010 18:53	1/11/2010 19:15	1/11/2010 19:15
8/4/2011 0:00	8/4/2011 11:06	8/4/2011 11:15	8/4/2011 11:38
8/24/2011 0:00	8/24/2011 9:59	8/24/2011 10:15	8/24/2011 10:34
9/8/2011 17:50	9/8/2011 17:50	9/8/2011 17:50	9/8/2011 22:52
9/8/2011 0:00	9/8/2011 21:00	9/8/2011 21:00	9/8/2011 21:30
9/26/2011 12:12	9/26/2011 12:14	9/26/2011 12:40	9/26/2011 12:55
10/8/2011 0:00	10/8/2011 8:47	10/8/2011 9:15	10/8/2011 10:45
10/22/2011 0:00	10/22/2011 12:45	10/22/2011 13:00	10/22/2011 16:40
10/28/2011 7:40	10/28/2011 7:00	10/28/2011 8:05	10/28/2011 8:15
11/5/2011 0:00	11/5/2011 21:30	11/5/2011 21:45	11/5/2011 23:39
11/19/2011 17:15	11/19/2011 17:17	11/19/2011 17:30	11/19/2011 18:45
12/4/2011 0:00	12/4/2011 10:58	12/4/2011 11:10	12/4/2011 11:30

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

Paper Towels
Cass Construction had bypass pump issue
Infiltration/rocks/sand from stormwater/ main break

Stormwater infiltration in the City main caused the basement to flood at this address.

and root stoppage
SSB Only > Root blockage on an 8 VC main caused the basement to flood at this address.

And rags
Roots & rags

Rocks
Contractor debries Sand & Gravel

City Employee while checking ADS Alarm LG3 his flashlight drop inside main causing a blockage
Potable water main break entered sewer MH# 69 and spilled from MH# 32. Water infiltration exceeded sewer capacity.
Trench Failure
Unknown cause
Large Rock wedge inside pipe

Sand Infiltrated into sewer main during recent flooding
Paper towels

N/A
SSB ONLY
N/A
Defected liner
Rags
And paper towels
N/A

Private Bypass Pumping Failure
Chunks of concrete & roots.

Unknown blockage

Contractor working on main

SDGE Power Outage
SDG&E Power Outtage

Grease
N/A

SSB Only
400'ft to 500'ft of Rope was drop into 12 VC Main.

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

Manhole 135

At bypass pump
SSB ONLY
Manholes

Water Reservoir
N/A

Trench

N/A
SSB ONLY
N/A

N/A

N/A

Manhole #138

Pump Station due to Power outage caused by SDGE
Power Outage at Pump Station 1

N/A
N/A

Manhole # 84

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

Notifed contractor

Vacuum Sewer Manholes to relieve overflow in Switzer Canyon.
Vacuum Sewer to stop overflow
Vacuum Sewer Manhole to stop overflow.
Vacuum Sewer Manhole to stop overflow
Flow returned to normal levels after heavy rains stopped.

N/A
Water Dept personnel were shutting water off upon arrival and sewer flows returned to normal levels. Cleaned mains ups
N/A

N/A
SSB ONLY
N/A

N/A

N/A

Had Private Contractor (KTA Costruction Inc) Shut Down 4 Bypass Pumping .
Flood contractor, Luth & Turley cleaned up flood damage.

Power was restored
Restored power

N/A
SSB ONLY

N/A

12/1/2010 10:30
12/10/2010 20:25
12/20/2010 15:41

12/22/2010 17:50
12/22/2010 16:13

12/21/2010 11:00
12/26/2010 8:34
12/27/2010 12:50
12/27/2010 21:00
12/29/2010 13:00
12/30/2010 12:10
1/3/2011 20:00
1/6/2011 14:50
1/14/2011 11:07
1/16/2011 13:30
1/19/2011 15:00
1/24/2011 14:36
2/6/2011 10:07
2/9/2011 0:30
2/12/2011 14:37

2/13/2011 18:00

3/18/2011 12:47
4/14/2011 17:00
3/12/2010 10:57
5/14/2011 14:30

5/17/2011 13:00
5/29/2011 7:48
5/31/2011 13:10

7/8/2011 19:15

8/4/2011 1:30
8/24/2011 11:30
9/9/2011 5:00
9/8/2011 21:30

10/8/2011 12:26
10/25/2011 9:36

11/6/2011 1:30

12/4/2011 14:00

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

Other (specify below)
Other (specify below)

Other (specify below)
Adjusted schedule/method of preventive maintenance
Adjusted schedule/method of preventive maintenance;Enforcement action against FOG source
Adjusted schedule/method of preventive maintenance
Adjusted schedule/method of preventive maintenance
Added sewer to preventive maintenance program;Enforcement action against FOG source
Adjusted schedule/method of preventive maintenance
Repaired sewer
Repaired sewer
Other (specify below)
Adjusted schedule/method of preventive maintenance
Other (specify below)
Other (specify below)
Other (specify below)
Repaired sewer

Other (specify below)

Adjusted schedule/method of preventive maintenance;Repaired sewer
Adjusted schedule/method of preventive maintenance
Adjusted schedule/method of preventive maintenance
Adjusted schedule/method of preventive maintenance

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

Other (specify below)

Adjusted schedule/method of preventive maintenance;Enforcement action against FOG source
Adjusted schedule/method of preventive maintenance;Enforcement action against FOG source
Other (specify below)
Other (specify below)

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

Adjusted schedule/method of preventive maintenance

Other (specify below)

Notified contractor to monitor bypass pumps

Rainfall Execeeded pipe design
Rain Fall Execeeded Pipe Design

Developing manhole sealing plan in high infiltration areas

Spoke with Contractor in area

CCTV connecting pipe segments
None/ due to spill was cause by an employee accidently dropping a large flashlight inside main.
Spill was caused by a water main break that entered a sewer manhole & exceeded the capacity of the sewer system.
N/A

Dug Up 8 VC Main removed Large Rock.

N/A
SSB ONLY

N/A

Private Contractor was advise in the future use 6 Bypass Pumping intead of a 4 Bypass Pumping

Power restored to station
Power Restored

N/A
N/A

None

Yes
No
No

No
No

No
No
Yes
Yes
Yes
No
Yes
No
No
Yes
No
No
No
No
No

No

No
No
No
No

No
No
No

Yes

No
No
Yes
Yes

No
No

Yes

Yes

N/A

N/A

N/A

N/A
SSB ONLY
N/A

N/A

N/A

N/A
N/A

N/A

No
No
No

No
No

No
No
Yes
No
Yes
No
No
No
No
No
No
No
No
No
No

No

No
No
Yes
No

No
No
No

Yes

No
No
Yes
Yes

No
No

No

Yes

N/A
n/a

None

N/A
Del Mar City Beach

Dog Beach
San Diego Bay
NA
N/A

N/A

N/A
N/A

N/A

N/A
No surface water was impacted

Camp Land / Mission Bay
SSB ONLY

None
N/A
N/A

Pacific Ocean

Torrey Pines State Beach
SAN DIEGO BAY

N/A
N/A

N/A
San Diego Bay

None
Unknown
San Diego River
None impacted
San Diego Bay & Pacific Ocean
San Diego Bay / Pacific Ocean
Unknown Surface Water
Unknown Surface Waters
NA
Unknown
San Dieguito River
NA
San Diego River
Chollas Creek
San Diego Bay
Unknown surface water
San Diego River
San Diego River
No surface water impacted
Captured at IPS 21 storm water interceptor.
Unclassified Storm Drain Channel
SD River, Pacific Ocean
Alvarado Canyon Creek and San Diego River
No surface water was impacted
None impacted
N/A
Spill was contained & captured in a unpaved surface
No surface water was impacted
Spill did not reach surface waters
N/A
MIssion Bay
SSB ONLY
Unnamed Surface Water
San Diego River
No Surface Water Impacted
No surface water was impacted
No Surface Water was Impacted
no surface water was impacted
Pacific Ocean
No surface water was impacted
No surface water impacted
None
None
None
No surface water was impacted
None
Los Penasquitos Creek; Los Penasquitos Lagoon
Sweetwater River
None
No Surface Water Impacted
NO SURFACE WATER IMPACTED/ SSB ONLY
None

No Surface Water Impacted.
San Diego Bay

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

No water quality samples taken
No water quality samples taken

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

Not applicable to this spill

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

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

Dissolved oxygen

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

Not applicable to this spill
Not applicable to this spill

No water quality samples taken;Not applicable to this spill

Dissolved oxygen

Coliform, Enterococcus
N/A

E Coli & Enterococcus

N/A

N/A

N/A

N/A
SSB ONLY

N/A

Coliform, Enterococcus
Coliform and Entercoccus

N/A
N/A

County Health Agency;Regional Water Quality Control Board
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
County Health Agency
Not applicable to this spill
No water quality samples taken
No water quality samples taken
No water quality samples taken
Not applicable to this spill
Not applicable to this spill
County Health Agency;Regional Water Quality Control Board
No water quality samples taken
None of the above
Not applicable to this spill
No water quality samples taken
No water quality samples taken

Not applicable to this spill

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

None of the above
Not applicable to this spill
No water quality samples taken

County Health Agency;Regional Water Quality Control Board

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

Not applicable to this spill
Not applicable to this spill

None of the above

County Health Agency;Regional Water Quality Control Board

N/A

N/A

N/A

N/A

N/A
SSB ONLY

N/A

N/A
N/A

10719	12/1/2010 10:10
107442	12/10/2010 20:25
107680	12/20/2010 15:41
107798	12/22/2010 22:25
107785	12/22/2010 17:50
107787	12/22/2010 16:13
107789	12/22/2010 18:53
107788	12/22/2010 16:36
107831	12/23/2010 18:25
107845	12/26/2010 8:34
107877	12/27/2010 10:30
107896	12/27/2010 22:00
107959	12/29/2010 13:00
107974	12/30/2010 12:10
110037	1/3/2011 19:00
110105	1/6/2011 18:32
110260	1/14/2011 11:20
110292	1/16/2011 14:17
110367	1/19/2011 14:50
110464	1/24/2011 13:53
110732	2/6/2011 10:07
110781	2/8/2011 22:25
110856	2/12/2011 14:37
110884	2/14/2011 12:05
110868	2/13/2011 18:00
110913	2/15/2011 13:30
111327	3/4/2011 2:20
111533	3/14/2011 23:55
111619	3/18/2011 11:30
112385	4/15/2011 9:00
101448	2/27/2010 12:36
102985	5/14/2011 17:49
112998	5/15/2011 17:20
113024	5/16/2011 15:15
113244	5/29/2011 7:48
113217	5/31/2011 13:10
112153	4/3/2011 19:34
113880	6/28/2011 13:55
114099	7/8/2011 19:15
114256	7/17/2011 14:05
70478	1/23/2007 8:40
761159	10/9/2007 18:15
96833	10/10/2010 22:45
100935	1/11/2010 20:00
114625	8/4/2011 1:15
115026	8/24/2011 11:10
115348	9/8/2011 18:30
115350	9/8/2011 21:20
115713	9/26/2011 13:55
116002	10/8/2011 12:26
115354	10/25/2011 9:36
116432	10/28/2011 9:00
116611	11/6/2011 0:34
116897	11/20/2011 8:00
117200	12/4/2011 16:46

9SSO10658	Active	773931	Stan Griffith	Certified
9SSO10658	Active	773932	Stan Griffith	Certified
9SSO10658	Active	774212	Stan Griffith	Certified
9SSO10658	Active	774615	Stan Griffith	Certified
9SSO10658	Active	775601	Stan Griffith	Certified
9SSO10658	Active	775767	Stan Griffith	Certified
9SSO10658	Active	775852	Stan Griffith	Certified
9SSO10658	Active	776066	Stan Griffith	Certified
9SSO10658	Active	776116	Stan Griffith	Certified
9SSO10658	Active	776272	Stan Griffith	Certified
9SSO10658	Active	776396	Stan Griffith	Certified
9SSO10658	Active	776409	Stan Griffith	Certified
9SSO10658	Active	776551	Stan Griffith	Certified
9SSO10658	Active	776862	Stan Griffith	Certified
9SSO10658	Active	777440	Stan Griffith	Certified
9SSO10658	Active	777801	Stan Griffith	Certified
9SSO10658	Active	778175	Stan Griffith	Certified
9SSO10658	Active	778254	Stan Griffith	Certified
9SSO10658	Active	778321	Stan Griffith	Certified
9SSO10658	Active	778459	Stan Griffith	Certified
9SSO10658	Active	778609	Stan Griffith	Certified
9SSO10658	Active	778627	Stan Griffith	Certified
9SSO10658	Active	778943	Stan Griffith	Certified
9SSO10658	Active	779194	Stan Griffith	Certified
9SSO10658	Active	779197	Stan Griffith	Certified
9SSO10658	Active	780866	Stan Griffith	Certified
9SSO10658	Active	780984	Stan Griffith	Certified
9SSO10658	Active	781362	Stan Griffith	Certified
9SSO10658	Active	782049	Stan Griffith	Certified
9SSO10658	Active	782076	Stan Griffith	Certified
9SSO10658	Active	782220	Stan Griffith	Certified
9SSO10658	Active	782394	Stan Griffith	Certified
9SSO10658	Active	782679	Stan Griffith	Certified
9SSO10658	Active	782722	Stan Griffith	Certified
9SSO10658	Active	782724	Stan Griffith	Certified
9SSO10658	Active	784072	Stan Griffith	Certified
9SSO10658	Active	784695	Stan Griffith	Certified
9SSO10658	Active	784699	Stan Griffith	Certified
9SSO10658	Active	784713	Stan Griffith	Certified
9SSO10658	Active	784782	Stan Griffith	Certified
9SSO10658	Active	785563	Stan Griffith	Certified
9SSO10658	Active	785845	Stan Griffith	Certified
9SSO10658	Active	786033	Stan Griffith	Certified
9SSO10658	Active	786951	Stan Griffith	Certified
9SSO10658	Active	786967	Stan Griffith	Certified
9SSO10658	Active	788344	Stan Griffith	Certified
9SSO10658	Active	788459	Stan Griffith	Certified
9SSO10658	Active	788550	Stan Griffith	Certified
9SSO10658	Active	788872	Stan Griffith	Certified
9SSO10658	Active	788888	Stan Griffith	Certified
9SSO10658	Active	789112	Stan Griffith	Certified
9SSO10658	Active	789443	Stan Griffith	Certified
9SSO10658	Active	789732	Stan Griffith	Certified
9SSO10658	Active	789733	Stan Griffith	Certified
9SSO10658	Active	790239	Stan Griffith	Certified

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14:52	168857
13:09	325511
15:12	313327
13:17	523712
13:22	927870
13:24	593203
13:28	652776
13:11	919962
9:49	247246
9:56	325409
13:17	522516
13:21	962861
9:54	191192
10:29	382879
13:41	995826
14:00	814289
14:03	138297
13:57	819718
9:30	941106
13:51	779764
13:45	496414
9:48	597922
9:50	485667
9:54	974405
9:56	232622
13:52	895103
13:37	529366
13:47	913608
13:57	438668
16:04	799187
16:09	668004
16:16	121324
15:17	670941
16:35	462507
16:24	952188
15:45	183596
15:14	274596
8:49	994061
10:50	961213
14:00	629078
11:18	261330
14:05	373733
14:08	553369
16:48	190582
16:45	294042
17:00	794758
15:47	957132
15:53	136552
11:31	695972
11:35	569877
11:43	161991
16:11	319458
16:14	177394
14:45	384809
14:23	521415

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

Category 3	600	0
Category 3	70	70
Category 1	447	247
Category 3	255	0
Category 3	300	0
Category 3	87	20
Category 3	270	145
Category 3	225	10
Category 3	118	118
Category 3	61	61
Category 1	415	415
Category 2	4500	3675
Category 3	30	25
Category 3	71	71
Category 3	250	50
Category 2	3200	1000
Category 1	3500	1000
Category 3	850	700
Category 3	40	40
Category 3	220	100
Category 1	1280	0
Category 3	20	20
Category 3	50	50
Category 3	120	120
Category 3	50	50
Category 3	135	0
Category 3	100	100
Category 3	66	66
Category 3	510	510
Category 3	615	500
Category 2	1020	750
Category 2	1200	0
Category 3	300	0
Category 3	300	0
Category 2	3250	0
Category 1	560	300
Category 3	240	0
Category 2	1575	1575
Category 1	1725	1552
Category 1	880	850
Category 2	3250	3250
Category 3	175	175
Category 3	91	91
Category 1	62	37
Category 1	4000	0
Category 1	1360	0
Category 3	58	0
Category 3	46	0
Category 1	200	100
Category 1	1520	1200
Category 1	1000	0
Category 1	775	475
Category 1	910	500
Category 1	501	0
Category 1	280	250

0	No	Yes
0	No	No
200	Yes	Yes
0	No	No
0	No	No
0	No	Yes
0	No	Yes
0	No	Yes
0	No	No
0	No	No
415	Yes	Yes
0	No	Yes
0	No	No
0	No	No
0	No	Yes
0	No	No
2500	Yes	No
0	No	Yes
0	No	No
0	No	Yes
1280	Yes	No
0	No	No
0	No	No
0	No	No
0	No	No
0	No	No
0	No	No
0	No	No
0	No	Yes
0	No	Yes
0	No	Yes
0	No	No
0	No	Yes
0	No	Yes
0	No	Yes
260	No	Yes
0	No	No
0	Yes	Yes
173	Yes	No
30	No	Yes
0	No	No
0	No	No
0	No	No
25	No	Yes
4000	Yes	No
1360	No	Yes
0	No	No
0	No	No
100	No	Yes
320	No	Yes
1000	Yes	Yes
300	No	Yes
410	No	Yes
501	No	No
30	No	Yes

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

SR#3358426
SR#3358479
3357915
SR # 3361540
SR#3364366
3365018
3365296
3365892
SR# 3366003
3366236
SR# 3366616
3366407
SR#3366934
3368466
3370681
SR#3372111
3374309
SR# 3375235
SR#3375464
SR 3376499
3378144
3378478
3380499
3380489
3380476
SR# 3372851
3379133
SR# 3396180
SR# 3402928
SR# 3403107
SR# 3403969
SR#3405563
SR# 3406144
SR# 3406817
SR# 3406835
SR# 3411211
SR 3412879
SR 3414757
SR# 3414836
SR3415184
SR# 3418502
SR#3422499
SR# 3424354
SR# 3432977
SR# 3365558
SR# 3444302
SR# 3444376
SR# 3444541
SR# 3448595
SR# 3449212
SR# 3450871
SR# 3452322
SR 3453797
SR 3454135
SR# 3456208

32.93267	-117.15843	San Diego
32.78714	-117.05745	San Diego
32.72335	-117.17071	San Diego
32.87503	-117.21828	San Diego
32.77904	-117.25275	San Diego
32.89573	-117.22137	San Diego
32.75211	-117.09118	San Diego
32.78641	-117.17984	San Diego
32.78288	-117.25274	San Diego
32.75427	-117.059	San Diego
32.82436	-117.22693	San Diego
32.76658	-117.06698	San Diego
32.94194	-117.154	San Diego
32.8007	-117.22696	San Diego
32.97598	-117.08284	San Diego
32.88092	-117.20099	San Diego
33.02898	-117.06017	San Diego
32.722232	-117.08621	San Diego
32.7598	-117.25274	San Diego
32.94736	-117.23724	San Diego
32.82926	-117.10349	San Diego
32.73125	-117.10052	San Diego
32.78456	-117.23799	San Diego
32.7515	-117.10697	San Diego
32.74508	-117.10487	San Diego
32.82847	-117.26357	San Diego
32.68396	-117.12298	San Diego
32.90852	-117.22958	San Diego
32.7827	-117.20428	San Diego
32.91012	-117.06937	San Diego
32.71073	-117.2413	San Diego
32.75709	-117.1556	San Diego
32.80326	-117.13138	San Diego
32.55547	-117.05195	San Diego
32.77147	-117.07598	San Diego
32.76781	-117.18977	San Diego
32.72585	-117.11811	San Diego
32.98145	-117.24824	San Diego
32.7462	-117.08803	San Diego
32.77563	-117.17453	San Diego
32.81222	-117.25636	San Diego
32.761836	-117.150736	San Diego
32.84536	-117.26011	San Diego
32.74649	-117.15753	San Diego
32.91447	-117.14937	San Diego
32.97544	-117.08209	San Diego
32.72213	-117.23908	San Diego
32.7392	-117.0912	San Diego
32.84681	-117.26818	San Diego
32.76821	-117.11388	San Diego
32.96337	-117.10313	San Diego
32.75551	-117.13976	San Diego
32.73112	-117.06327	San Diego
32.82101	-117.26731	San Diego
32.78035	-117.17642	San Diego

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N/A
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SSB ONLY

N/A

Inside North City Water Reclaimation Plant

N/A

N/A

N/A
N/A

N/A

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

N/A
N/A
Damaged 10 inch sewer main

Two New Temporary Laterals Failed.

N/A
Lateral

N/A

Failure at pump station #16
Private Manhole

Private lateral
Private Lateral
Spill from private c/o due to root blockage in City main.
Mechanical failure (Air Valve Gasket) Rupture.

Sewer Cleanout

Private cleanout

The contractor undertaking the utilities undergrounding program in district 1 (Cass St & Van Nuys Ave) utilized an area ov
N/A
Spill from broken sewer main

N/A

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

behind 11980 Thomas Hayes Lane Soaked into Vegetation.
N/A
San Diego Bay

Crawl Space Under 3528 Mission Blvd.
Dried up in storm drain

Dried up in canyon

Contained & captured in parking lot
Spill was returned to the system at diversion valve IPS-#1
Dried up in canyon.
N/A
Contained & captured in gutter

Dirt & Vegetation
Irrigation pond on golf course

alley
Dried up in storm drain
Dried up in canyon
Dried up in gutter
Contained in gutter

Soaked into dirt at c/o
N/A

Returned to system at SPS/Interceptor# I-4
Soaked into dirt at storm drain outlet
Soaked into sand at storm drain outlet
Hillside Behind 1024 Meade Ave
Soaked into dirt at storm drain outlet
Dried in storm channel
Soaked into soil & vegetation @ 5505 Paseo Lindo
Saoked into soil at storm drain outlet
Absorb into soil in canyon
Contained & Captured at the stormdrain outlet
Dried up in storm channel
Dried up in canyon
Storm Drain Sewer Interceptor.
N/A
Edge of paved road
Soaked into soil at storm drain outlet
Open Field Vegetation At Flander Dr X Dabney Dr
Soaked into soil at storm drain outlet
Soaked into soil around manhole
Soaked into soil around manhole
Dried up in canyon
Soaked into soil at storm drain outlet

Soaked into soil at storm drain outlet
Dried up in canyon
Dried up in canyon
30gals soaked into soil at storm drain outlet

12/10/2011 13:30	12/10/2011 13:34	12/10/2011 13:50	12/10/2011 14:30
12/11/2011 17:10	12/11/2011 17:12	12/11/2011 17:30	12/11/2011 17:45
12/8/2011 0:00	12/8/2011 9:47	12/8/2011 10:15	12/15/2011 15:30
12/22/2011 1:00	12/22/2011 1:01	12/22/2011 1:20	12/22/2011 5:15
1/8/2012 11:05	1/8/2012 11:10	1/8/2012 11:25	1/8/2012 12:05
1/11/2012 0:00	1/11/2012 12:40	1/11/2012 12:50	1/11/2012 13:06
1/13/2012 0:00	1/13/2012 12:13	1/13/2012 12:40	1/13/2012 13:05
1/19/2012 0:00	1/19/2012 8:17	1/19/2012 8:35	1/19/2012 9:00
1/19/2012 20:16	1/19/2012 20:18	1/19/2012 20:40	1/19/2012 21:15
1/23/2012 9:41	1/23/2012 9:43	1/23/2012 10:10	1/23/2012 10:42
1/25/2012 0:00	1/25/2012 15:08	1/25/2012 15:30	1/25/2012 16:28
1/24/2012 0:00	1/24/2012 8:17	1/24/2012 8:37	1/24/2012 11:15
1/28/2012 12:10	1/28/2012 12:12	1/28/2012 12:30	1/28/2012 12:40
2/5/2012 20:40	2/5/2012 20:42	2/5/2012 21:50	2/5/2012 23:02
2/14/2012 0:00	2/14/2012 8:02	2/14/2012 8:03	2/14/2012 8:50
2/17/2012 0:00	2/17/2012 14:15	2/17/2012 14:15	2/17/2012 14:17
2/29/2012 0:00	2/29/2012 9:51	2/29/2012 10:27	2/29/2012 11:00
3/1/2012 0:00	3/1/2012 18:17	3/1/2012 18:35	3/1/2012 19:40
3/3/2012 12:45	3/3/2012 12:48	3/3/2012 12:58	3/3/2012 13:05
3/7/2012 0:00	3/7/2012 8:18	3/7/2012 8:40	3/7/2012 9:00
3/13/2012 0:00	3/13/2012 10:43	3/13/2012 10:55	3/13/2012 11:45
3/13/2012 13:55	3/13/2012 14:00	3/13/2012 14:20	3/13/2012 14:56
3/22/2012 9:32	3/22/2012 9:34	3/22/2012 10:00	3/22/2012 10:32
3/22/2012 8:40	3/22/2012 8:50	3/22/2012 9:20	3/22/2012 10:40
3/22/2012 7:00	3/22/2012 7:03	3/22/2012 7:30	3/22/2012 9:30
3/12/2012 12:00	3/12/2012 12:00	3/12/2012 12:00	3/12/2012 16:30
5/4/2012 22:30	5/4/2012 22:30	5/4/2012 22:30	5/4/2012 22:35
5/15/2012 0:00	5/15/2012 7:45	5/15/2012 8:10	5/15/2012 8:10
6/10/2012 15:16	6/10/2012 15:18	6/10/2012 15:35	6/10/2012 15:50
6/11/2012 0:00	6/11/2012 16:46	6/11/2012 17:10	6/11/2012 17:25
6/15/2012 0:00	6/15/2012 9:34	6/15/2012 10:00	6/15/2012 11:15
6/23/2012 0:00	6/23/2012 9:15	6/23/2012 9:35	6/23/2012 9:50
6/27/2012 6:00	6/27/2012 6:00	6/27/2012 6:14	6/27/2012 7:30
6/30/2012 15:20	6/30/2012 15:25	6/30/2012 15:55	6/30/2012 16:20
7/1/2012 0:00	7/1/2012 0:15	7/1/2012 0:30	7/1/2012 1:15
7/19/2012 0:00	7/19/2012 17:37	7/19/2012 18:00	7/19/2012 18:30
7/28/2012 13:50	7/28/2012 13:50	7/28/2012 13:50	7/28/2012 14:50
8/4/2012 0:00	8/4/2012 10:57	8/4/2012 11:20	8/4/2012 11:30
8/6/2012 0:00	8/6/2012 7:20	8/6/2012 7:45	8/6/2012 8:27
8/7/2012 0:00	8/7/2012 17:47	8/7/2012 17:47	8/7/2012 18:31
8/18/2012 0:00	8/18/2012 18:47	8/18/2012 19:05	8/18/2012 19:50
9/1/2012 17:40	9/1/2012 17:45	9/1/2012 18:05	9/1/2012 18:15
9/10/2012 7:14	9/10/2012 7:16	9/10/2012 7:40	9/10/2012 8:45
10/3/2012 0:00	10/3/2012 7:55	10/3/2012 8:20	10/3/2012 8:55
10/4/2012 0:00	10/4/2012 15:01	10/4/2012 15:25	10/4/2012 15:40
11/22/2012 0:00	11/22/2012 10:24	11/22/2012 10:53	11/22/2012 11:22
11/23/2012 13:18	11/23/2012 13:20	11/23/2012 13:40	11/23/2012 13:47
11/25/2012 22:29	11/25/2012 22:31	11/25/2012 22:50	11/25/2012 23:15
12/7/2012 0:00	12/7/2012 4:55	12/7/2012 4:55	12/7/2012 4:57
12/6/2012 0:00	12/6/2012 17:05	12/6/2012 17:20	12/6/2012 19:30
12/16/2012 0:00	12/16/2012 10:51	12/16/2012 11:15	12/16/2012 11:30
12/26/2012 0:00	12/26/2012 10:31	12/26/2012 10:45	12/26/2012 11:00
1/4/2013 0:00	1/4/2013 13:49	1/4/2013 14:10	1/4/2013 15:20
1/5/2013 22:23	1/5/2013 22:34	1/5/2013 23:01	1/6/2013 1:10
1/14/2013 0:00	1/14/2013 11:46	1/14/2013 12:05	1/14/2013 12:12

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

Heavy Roots and Heavy Grease
And Broken VC Pipe
SDG&E damaged sewer main when they removed a utility pole. When filling the hole with concrete slurry they created a

SSB ONLY
Heavy roots in undocumented Manhole

SSB only

Concrete & asphalt in Manhole from contractor
Heavy Roots inside Manhole # 34

EDR System Programming Error

Rocks & debris dumped into MH# 163
N/A

Unknown blockage
Unknown blockage

Mechanical Failure Air Valve Gasket

Rocks & debris possibly from contractor working upstream
Large boulder
Root intrusion for private sewer lateral.
N/A
blockage in private lateral

Construction (Asphalt Chunks)

Concrete & asphalt from contractor working in the area
Large rocks and boulders thrown into manhole

The contractor undertaking the utilities undergrounding program in district 1 (Cass St & Van Nuys Ave) utilized an area ov
N/A

City Crews working on sewer line.

Lining failure
Heavy paper caused blockage in City main
While installing temporary plug on a force main system surcharged causing spill.

Trap left in manhole.

Grease and roots

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

N/A
N/A

Manhole

Manhole

Manhole
N/A

Manhole
EDR System Programming Error

N/A

SSB Only
By Passs Pump
4 air valve lateral

N/A

FSN# 111376/MH# 188

Manhole
N/A

N/A

Manhole

Manhole

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

N/A
N/A
Replaced 60 feet of 12 in PVC, to remove concrete in main.

N/A

N/A

N/A

Turn on Pump Station #16

repair and replace Air Valve Gasket
Set up containment and notified WWTD pipeline crew for repairs

N/A

N/A
N/A
Referred to City construction crew for permanent repairs.

Repair sewer line

Posted signs and closed Torrey Pines State Beach

12/15/2011 15:30

1/11/2012 15:00
1/13/2012 13:40
1/19/2012 10:30

1/25/2012 19:00
1/24/2012 19:00

2/14/2012 10:00
2/20/2012 10:08
2/29/2012 13:00
3/1/2012 22:00

3/7/2012 10:00
3/13/2012 13:15

6/11/2012 21:00
6/15/2012 12:30
6/23/2012 10:32
6/27/2012 7:30
6/30/2012 16:20
7/1/2012 7:55
7/19/2012 23:00

8/4/2012 14:50
8/6/2012 11:30
8/7/2012 19:30
8/19/2012 10:24

10/3/2012 10:00
10/4/2012 17:50
11/22/2012 12:30

12/7/2012 4:57
12/6/2012 22:00
12/16/2012 17:44
12/26/2012 13:00
1/4/2013 16:30

1/14/2013 15:00

Repaired sewer

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

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

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

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

Other (specify below)
Adjusted schedule/method of preventive maintenance
Adjusted schedule/method of preventive maintenance
Repaired sewer
Adjusted schedule/method of preventive maintenance;Enforcement action against FOG source
Adjusted schedule/method of preventive maintenance
Repaired sewer

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

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

Repaired 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

Adjusted schedule/method of preventive maintenance

Notify Property Management Company

Installed lock down frame & cover to Manhole

Programming Change will be made to disable AWT feed pump when not in service.

Made referral for construction to re-tap threads for lock down bolts on manhole lid.

Notify property manger to preform preventive maintenance

Referred to have mains televised for City protection

N/A

Notify contrator to be more carefull while working around our Manholes
Relieved stoppage, televised main and secured manhole to prevent further vandalism.

Removed spoil away from manhole / notifying responsible party.

N/A
City crew set up containment, relieved stoppage and cleaned up area after relieving root blockage.

No

No
No
No

Yes
No

No
No
No
Yes

No
No

Yes
No
No
No
No
No
No

No
No
No
No

Yes
No
Yes

No
No
Yes
No
No

Yes

N/A
N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A
None

N/A

No

No
No
No

No
No

No
No
No
No

No
No

No
Yes
No
No
No
No
No

No
No
No
No

No
No
No

No
No
Yes
No
No

No

N/A
N/A

N/A

N/A

N/A

N/A

N/A

None
N/A

N/A
None

None

Torrey Pines State Beach

No Surface Water Impacted
No Surface Water Impacted
San Diego Bay
None
No Surface Waters Impacted

None
None
None
Rose Creek drainage channel, Spill was returned to the system at diversion valve IPS-#1

No Surface Water Impacted
None
None
No Surface Water Impacted
No surface water was impacted
NA
No Surface Water Impacted
None
None
None
None
None
None
NA
No Impacted Surface Waters
NA
NA
NA
None
No Surface Water Impacted
N/A
N/A
N/A
NA
None
None
None
None
No Surface water impacted
No impacted surface waters
NA
NA
No impacted Surface Water
NA
NA
NA
N/A
NA
Soledad Lagoon
NA
None
None
NA

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
Dissolved oxygen
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
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
Not applicable to this spill

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

Not applicable to this spill

Coliform, Enterococcus, Ammonia

N/A

N/A

N/A

N/A

Ecoli And Enterococcus

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
County Health Agency;Regional Water Quality Control Board
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
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
County Health Agency;Regional Water Quality Control Board
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
County Health Agency
Not applicable to this spill
Not applicable to this spill

Not applicable to this spill

N/A

${ssoDetails.resultsReportedExplanation}

N/A

N/A

N/A

117310	12/10/2011 17:01
117320	12/11/2011 19:24
117358	12/13/2011 13:50
117553	12/22/2011 13:00
120158	1/10/2012 8:00
120192	1/11/2012 15:40
120238	1/13/2012 13:34
120348	1/19/2012 10:22
120372	1/20/2012 0:25
120474	1/23/2012 13:30
120536	1/25/2012 19:00
120512	1/25/2012 6:50
120586	1/28/2012 15:48
	2/6/2012 10:09
120860	2/14/2012 10:35
120981	2/20/2012 10:08
121174	2/29/2012 13:50
121203	3/2/2012 1:00
121225	3/3/2012 15:51
121308	3/7/2012 12:42
121439	3/13/2012 12:46
121447	3/13/2012 16:20
121693	3/22/2012 13:00
121823	3/22/2012 10:20
121826	3/28/2012 11:45
121418	3/12/2012 23:30
122698	5/5/2012 13:59
122896	5/15/2012 14:10
123383	6/10/2012 20:00
123409	6/11/2012 21:55
123498	6/15/2012 11:50
123660	6/23/2012 10:32
123796	6/29/2012 10:00
123825	6/30/2012 16:20
123829	7/1/2012 7:55
124209	7/20/2012 3:40
124403	7/28/2012 16:30
124543	8/4/2012 14:50
124581	8/6/2012 12:25
124616	8/7/2012 19:25
124920	8/19/2012 10:24
125258	9/1/2012 19:55
125447	9/10/2012 17:10
125987	10/4/2012 13:05
125995	10/4/2012 17:50
127061	11/22/2012 13:00
127078	11/23/2012 20:55
127183	11/28/2012 18:15
127489	12/7/2012 11:40
127477	12/6/2012 23:50
127670	12/16/2012 17:44
127920	12/26/2012 15:10
130088	1/4/2013 20:50
130111	1/6/2013 9:49
130295	1/14/2013 16:40

9SSO10658	Active	790800	Stan Griffith	Certified
9SSO10658	Active	790826	Stan Griffith	Certified
9SSO10658	Active	790992	Stan Griffith	Certified
9SSO10658	Active	791474	Stan Griffith	Certified
9SSO10658	Active	791858	Stan Griffith	Certified
9SSO10658	Active	792094	Stan Griffith	Certified
9SSO10658	Active	792507	Stan Griffith	Certified
9SSO10658	Active	792614	Stan Griffith	Certified
9SSO10658	Active	792686	Stan Griffith	Certified
9SSO10658	Active	792824	Stan Griffith	Certified
9SSO10658	Active	793219	Stan Griffith	Certified
9SSO10658	Active	793402	Stan Griffith	Certified
9SSO10658	Active	793635	Stan Griffith	Certified
9SSO10658	Active	793749	Stan Griffith	Certified
9SSO10658	Active	794199	Stan Griffith	Certified
9SSO10658	Active	794353	Stan Griffith	Certified
9SSO10658	Active	794649	Stan Griffith	Certified
9SSO10658	Active	794830	Stan Griffith	Certified
9SSO10658	Active	795546	Stan Griffith	Certified
9SSO10658	Active	795621	Stan Griffith	Certified
9SSO10658	Active	796770	Stan Griffith	Certified
9SSO10658	Active	797474	Stan Griffith	Certified
9SSO10658	Active	797548	Stan Griffith	Certified
9SSO10658	Active	797662	Stan Griffith	Certified
9SSO10658	Active	797868	Stan Griffith	Certified
9SSO10658	Active	798169	Stan Griffith	Certified
9SSO10658	Active	798175	Stan Griffith	Certified
9SSO10658	Active	798300	Stan Griffith	Certified
9SSO10658	Active	798695	Stan Griffith	Certified
9SSO10658	Active	798802	Stan Griffith	Certified
9SSO10658	Active	798851	Stan Griffith	Certified
9SSO10658	Active	798939	Stan Griffith	Certified
9SSO10658	Active	798940	Stan Griffith	Certified
9SSO10658	Active	798942	Stan Griffith	Certified
9SSO10658	Active	799014	Stan Griffith	Certified
9SSO10658	Active	799021	Stan Griffith	Certified
9SSO10658	Active	799096	Stan Griffith	Certified
9SSO10658	Active	799324	Stan Griffith	Certified
9SSO10658	Active	799718		Ready To Certify
9SSO10658	Active	799905		Ready To Certify
9SSO10658	Active	799948		Ready To Certify
9SSO10658	Active	799949		Ready To Certify
9SSO10658	Active	800700		Ready To Certify
9SSO10658	Active	800962		Ready To Certify
9SSO10659	Active	652754	Ziad Mazboudi	Certified
9SSO10659	Active	739474	Glenn Garrett	Certified
9SSO10659	Active	757301	Glenn Garrett	Certified
9SSO10659	Active	769838	Ziad Mazboudi	Certified
9SSO10659	Active	772190	Ziad Mazboudi	Certified
9SSO10659	Active	775255	Glenn Garrett	Certified
9SSO10659	Active	777067	Glenn Garrett	Certified
9SSO10659	Active	778478	Glenn Garrett	Certified
9SSO10659	Active	791126		Ready To Certify
9SSO10659	Active	793341		Ready To Certify
9SSO10660	Active	646000	Rita Geldert	Certified

Assistant Director
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Assistant Director

Senior Civil Engineer
Utility Programs Supervisor
Utilities Supervisor
Senior Civil Engineer
Senior Civil Engineer
Utilities Programs Supervisor
Utilities Programs Supervisor
Utilities Programs Supervisor

City Manager

	14:27	929912
	14:30	594956
	14:48	454222
	16:20	261104
	14:36	768039
	14:55	203452
	16:24	640667
	16:28	581262
	9:13	679996
	15:25	954708
	9:50	526018
	9:58	247360
	10:01	261765
	10:07	730206
	10:10	670572
	15:55	593102
	16:00	105335
	15:38	191180
	15:27	581787
	14:27	303530
	16:03	784814
	8:45	238259
	14:15	424592
	14:38	149376
	14:41	136734
	13:35	719092
	14:22	868793
	14:46	358969
	14:07	261687
	13:40	322495
	17:00	652152
	13:55	448965
	17:05	509058
	17:10	305868
	14:39	227924
	17:13	623978
	14:32	572763
	13:30	488729

	11:04	311769
	1:34 PM	810896
	10:15 AM	863700
San Juan Capistrano		465185
San Juan Capistrano		815472
SJC		721041
SJC		687740
SJC		696681

City of Vista	910434

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

Category 1		1640	1500
Category 1		825	400
Category 3		170	170
Category 1		3500	1500
Category 1		2575	1600
Category 3		150	0
Category 3		150	0
Category 1		243	15
Category 2		1420	0
Category 2		3800	0
Category 2		9300	9300
Category 1		2500	100
Category 1		195	189
Category 3		81	81
Category 3		240	240
Category 1		1025	425
Category 3		225	0
Category 3		279	279
Category 1		2425	2110
Category 3		250	0
Category 2		2500	2500
Category 1		3800	0
Category 1		1600	0
Category 3		80	80
Category 3		295	286
Category 1		13350	9000
Category 1		1525	850
Category 3		74	74
Category 3	120	120	0
Category 2	1500	1500	0
Category 3	770	770	770
Category 2	1600	1600	1600
Category 3	300	300	0
Category 3	300	300	300
Category 2	3710	3710	0
Category 3	515	515	150
Category 2	5650	5650	650
Category 3	44	44	0
Category 3	550	550	550
Category 3	0	240	0
Category 3	270	270	270
Category 2	1872	1872	730
Category 3	57	57	57
Category 2	2430	2430	2130
Category 1		100	65
Category 3		50	50
Category 3		100	100
Category 3		12	12
Category 3		120	120
Category 3		175	175
Category 3		15	15
Category 3		15	15
Category 3		450	450
Category 3		5	0
Category 1		2925	0

140	Yes	No
425	No	Yes
0	No	No
2000	No	Yes
975	No	Yes
0	No	No
0	No	Yes
228	No	Yes
0	No	No
0	No	Yes
0	No	Yes
2400	No	Yes
6	Yes	Yes
0	No	No
0	No	No
600	No	Yes
0	No	Yes
0	No	No
315	Yes	No
0	No	No
0	No	No
3800	No	Yes
1600	Yes	No
0	No	No
0	No	No
4350	Yes	Yes
675	No	Yes
0	No	No
0	No	No
0	No	No
0	No	No
0	No	No
0	No	No
0	No	No
0	No	No
0	No	No
0	No	No
0	No	No
0	No	No
0	No	No
0	No	No
0	No	No
0	No	No
35	No	Yes
0	No	Yes
0	No	No
0	No	No
0	No	No
0	No	Yes
0	No	No
0	No	No
0	No	Yes
0	No	No
2925	Yes	Yes

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

3458645
3459330

SR# 3459703
SR# 3458644
SR# 3464524
SR3465566

3468468

SR 3468854
SR 3469702
SR 3471147
SR# 3475232
SR# 3478444
SR# 3480565
SR# 3480979
338 Playa Del Norte St
SR# 3487924
SR#3490928
SR#3491546
SR3493991
SR#3495052
SR# 3501187
Collwood Bl. & Collwood Wy
SR#3506015
SR# 3506846
SR# 3508347
SR# 3510792
SR# 3510973
SR# 3511295
SR# 3514796
SR#3515823
SR#3516348
SR#3517030
SR#3517048
SR#3517090

3517247
3517813
3518128
3502014

SR#3523588
SR#3524666
SR#3525017
SR#3525204
SR#3530343
SR#3531786
Via Cristal
Cancun Raquet Club
City Corporation Yard
Birchers Lane
Camino Lacquage and Via Buena Vista
27221 Ortega Hwy.
City Public Bathroom
City Public Bathroom
32003 Paseo Carolina
31312 Ysidora St
South Santa Fe Avenue

32.94033	-117.19985	San Diego
32.77174	-117.0835	San Diego
32.70595	-117.16256	San Diego
32.74537	-117.16822	San Diego
32.83208	-117.26204	San Diego
32.86548	-117.20848	San Diego
32.80221	-117.19895	San Diego
32.71987	-117.25445	San Diego
32.79647	-117.12727	San Diego
32.76803	-117.08478	San Diego
32.77731	-117.18268	San Diego
32.77683	-117.07791	San Diego
32.5625	-117.08825	San Diego
32.8121	-117.23229	San Diego
32.82992	-117.27838	San Diego
32.8051	-117.20312	San Diego
32.72934	-117.08084	San Diego
32.72746	-117.15996	San Diego
32.93145	-117.13016	San Diego
33.03095	-117.0641	San Diego
32.7422	-117.07648	San Diego
32.76902	-117.08546	San Diego
32.81322	-117.22928	San Diego
32.77075	-117.08443	San Diego
32.7438	-117.12717	San Diego
32.77426	-117.05645	San Diego
32.76781	-117.18977	San Diego
33.02633	-117.07036	San Diego
32.6987	-117.07635	San Diego
32.83303	-117.14355	San Diego
32.69599	-117.09945	San Diego
32.79056	-117.20609	San Diego
32.91315	-117.14151	San Diego
32.74117	-117.22977	San Diego
32.78294	-117.1549	San Diego
32.72448	-117.13293	San Diego
32.94366	-117.20882	San Diego
32.73615	-117.07952	San Diego
32.74969	-117.12928	San Diego
32.84122	-117.26798	San Diego
32.75113	-117.12187	San Diego
32.7273	-117.10177	San Diego
32.73425	-117.23959	San Diego
32.94366	-117.20882	San Diego
34	-117	Orange
33.467381	-117.669211	Orange
33.492316	-117.665278	Orange
33.49397	-117.67997	Orange
33.50791	-117.6298	Orange
33.50433	-117.65388	Orange
33.50238	-117.64943	Orange
33.50247	-117.64933	Orange
33.49741	-117.66948	Orange
33.5075	-117.66291	Orange
33.308333	117.239167	San Diego

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N/A

The Country Club Of Rancho Bernardo / Golf Course

N/A

5558 Encina Dr., San Diego, Ca. 92114
5400 Kearny Mesa Rd San Diego Ca 92111

2700 Morena Bl San Diego Ca 92117
Mira Mesa Community Center / Park & Recreation
N/A

La Boheme Apts

N/A
Contractor (Ortiz) is working in area renewing sewer lines at Thorn St X Belle Isle Dr.

Intersection of Via Solana and Via Cristal
Spill location at 150 ft. west of Via California on Camino Las Ramblas.
On access road behind Ground Water Recover Plant

Parking lot of a business plaza

manhole located on sidewalk by business at 985 S. Santa Fe

1
1
1
1
1
1
1
1
1
1
1
1
1
1
1
1
1

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

Private clean-out

Private manhole

Contractor bypass pumping

Private Clean Out

N/A

N/A

Clean out at the property

Spill from City manhole - MH# 48
Private Main & Manhole
spill from city manhole
N/A
N/A
N/A

N/A
Spill from manhole
N/A
Private Contractor working on Thorn St X Belle Isle Dr. there bypass failed.
N/A

sewer coming from manhole & running into storm drain

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

Soaked into soil in dry creek bed.
Soaked into soil at storm drain outlet.
Spill was contained in asphalt parking lot

Soaked into soil at outlet
In the canyon
Dried up at Storm Drain outlet in canyon
Dried up in storm drain

Diverted back into sewer system at Intercepter-3
Soaked into soil at outlet
Contained and captured in storm culver less 3% evaporation rate total gallons189

Soaked into soil at storm drain outlet
Soak behind 2146 Haniman Dr

Soaked in grass area around manhole# 384 in golf course.

Dried out in an open space area behind 2432 Wilburn Ave

Dirt alley - full recovery with the exception of 3% saturation rate.
SD River-waiting for sample results to confirm
Soaked into soil at storm drain outlet
Concrete golf cart path
Soaked into soil at manhole
Behind 7952 Convoy Ct

Storm Drain Box
Soak into Park & Recreation Grounds
N/A
Dried up in canyon
Dried up in canyon
Open space canyon area
Dried up in flower bed
At the Inter Section Ohio St X University Ave

N/A
N/A

Open Space canyon area

Vactor Truck

Returned to Sewer
Returned back to Sewer System
Buena Vista Creek

1/23/2013 0:00	1/23/2013 7:10	1/23/2013 7:35	1/23/2013 8:30
1/27/2013 0:00	1/27/2013 17:22	1/27/2013 17:45	1/27/2013 18:15
1/29/2013 12:00	1/29/2013 12:02	1/29/2013 12:25	1/29/2013 13:25
1/23/2013 0:00	1/23/2013 7:00	1/23/2013 7:25	1/23/2013 8:03
2/20/2013 0:00	2/20/2013 10:49	2/20/2013 11:15	2/20/2013 12:30
2/25/2013 12:12	2/25/2013 12:17	2/25/2013 12:40	2/25/2013 13:02
3/9/2013 0:00	3/9/2013 10:41	3/9/2013 10:55	3/9/2013 11:09
3/11/2013 0:00	3/11/2013 16:50	3/11/2013 17:19	3/11/2013 18:10
3/15/2013 0:00	3/15/2013 15:40	3/15/2013 16:00	3/15/2013 18:00
3/20/2013 0:00	3/20/2013 10:16	3/20/2013 10:16	3/20/2013 10:54
4/4/2013 0:00	4/4/2013 8:54	4/4/2013 8:54	4/4/2013 12:00
4/16/2013 0:00	4/16/2013 3:02	4/16/2013 3:25	4/16/2013 3:50
4/24/2013 0:00	4/24/2013 11:40	4/24/2013 11:40	4/24/2013 12:45
4/26/2013 14:08	4/26/2013 14:10	4/26/2013 14:20	4/26/2013 14:35
5/15/2013 8:55	5/15/2013 8:55	5/15/2013 9:25	5/15/2013 10:15
5/21/2013 0:00	5/21/2013 7:06	5/21/2013 7:30	5/21/2013 7:45
6/1/2013 0:00	6/1/2013 9:30	6/1/2013 9:50	6/1/2013 10:40
6/4/2013 9:42	6/4/2013 10:50	6/4/2013 10:56	6/4/2013 11:15
6/13/2013 0:00	6/13/2013 8:46	6/13/2013 9:00	6/13/2013 10:12
6/16/2013 19:25	6/16/2013 19:30	6/16/2013 19:55	6/16/2013 20:15
7/12/2013 0:00	7/12/2013 12:27	7/12/2013 12:35	7/12/2013 13:15
3/20/2013 10:16	3/20/2013 10:16	3/20/2013 10:16	3/20/2013 10:54
8/4/2013 11:00	8/4/2013 11:05	8/4/2013 11:20	8/4/2013 12:20
8/7/2013 6:50	8/7/2013 6:50	8/7/2013 6:50	8/7/2013 7:30
8/13/2013 13:49	8/13/2013 13:51	8/13/2013 14:15	8/13/2013 14:48
8/22/2013 7:35	8/22/2013 7:37	8/22/2013 8:00	8/22/2013 9:04
8/23/2013 7:34	8/23/2013 7:36	8/23/2013 8:00	8/23/2013 8:35
8/26/2013 12:06	8/26/2013 12:08	8/26/2013 12:30	8/26/2013 13:20
9/10/2013 9:25	9/10/2013 9:27	9/10/2013 9:50	9/10/2013 10:25
9/8/2013 9:20	9/8/2013 9:25	9/8/2013 9:45	9/8/2013 10:20
9/17/2013 18:01	9/17/2013 18:09	9/17/2013 18:40	9/17/2013 19:18
9/21/2013 9:58	9/21/2013 10:00	9/21/2013 10:21	9/21/2013 10:30
9/21/2013 19:00	9/21/2013 19:02	9/21/2013 19:25	9/21/2013 20:10
9/22/2013 11:10	9/22/2013 11:13	9/22/2013 11:25	9/22/2013 11:40
9/22/2013 21:49	9/22/2013 21:51	9/22/2013 22:20	9/23/2013 10:11
9/24/2013 8:07	9/24/2013 8:11	9/24/2013 8:40	9/24/2013 9:50
9/25/2013 8:15	9/25/2013 8:19	9/25/2013 8:45	9/25/2013 10:08
7/16/2013 18:23	7/16/2013 18:30	7/16/2013 18:50	7/16/2013 19:50
10/12/2013 19:50	10/12/2013 20:00	10/12/2013 20:15	10/12/2013 20:45
10/17/2013 9:42	10/17/2013 9:45	10/17/2013 10:10	10/17/2013 10:30
10/18/2013 15:15	10/18/2013 15:18	10/18/2013 15:30	10/18/2013 16:45
10/20/2013 8:20	10/20/2013 8:30	10/20/2013 8:40	10/20/2013 9:48
11/12/2013 15:03	11/12/2013 15:03	11/12/2013 15:30	11/12/2013 16:00
11/20/2013 8:15	11/20/2013 8:15	11/20/2013 8:23	11/20/2013 12:18
6/21/2007 14:10	6/21/2007 14:10	6/21/2007 14:24	6/21/2007 14:55
6/16/2009 19:40	6/16/2009 19:45	6/16/2009 20:05	6/16/2009 21:00
9/30/2010 9:00	9/30/2010 8:30	9/30/2010 8:30	9/30/2010 9:30
8/13/2011 16:00	8/15/2011 10:25	8/15/2011 10:35	8/15/2011 10:50
10/10/2011 12:00	10/10/2011 12:00	10/10/2011 12:05	10/10/2011 12:12
12/31/2011 10:50	12/31/2011 10:55	12/31/2011 11:05	12/31/2011 11:40
2/3/2012 18:00	2/3/2012 18:00	2/3/2012 18:15	2/3/2012 18:15
3/4/2012 13:15	3/4/2012 13:25	3/4/2012 13:30	3/4/2012 13:30
2/3/2013 10:25	2/3/2013 10:30	2/3/2013 10:50	2/3/2013 11:10
4/1/2013 8:55	4/1/2013 9:00	4/1/2013 9:10	4/1/2013 9:05
1/22/2007 8:00	1/22/2007 8:00	1/22/2007 8:11	1/22/2007 8:13

Debri-General
Other (specify below)
Debri-General
Root intrusion
Root intrusion
Other (specify below)
Root intrusion
Other (specify below)
Root intrusion
Other (specify below)
Root intrusion
Root intrusion
Other (specify below)
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Pipe structural problem/failure
Root intrusion
Grease deposition (FOG)
Other (specify below)
Other (specify below)
Root intrusion
Root intrusion
Root intrusion
Other (specify below)
Grease deposition (FOG)
Root intrusion
Root Intrusion
Root Intrusion
Root Intrusion
Root Intrusion
Root Intrusion
Other (specify below)
Root Intrusion
Other (specify below)
Other (specify below)
Other (specify below)
Other (specify below)
Root Intrusion
Other (specify below)
Construction Diversion Failure
Root Intrusion
CS Mainentance Caused Spill/Damage
Other (specify below)
Root intrusion
Other (specify below)
Root intrusion
Surcharged pipe (Combined CS Only)
Grease deposition (FOG)
Debri-Rags
Debri-General
Root intrusion
Root intrusion
Root intrusion

Manhole lid and heavy debris in City manhole caused by golf course personnel while grading.
Roots blockage in 8 vc main
Landscape wood chips in main possibly caused by parking lot personnel opening City manhole to deal with poor drainage

Root blockage in City main caused spill from private clean-out
Contractor drilled thru main causing blockage

Contractor cleaning private mains upstream from City Manhole, caused heavy root blockage in Manhole.

Contractor installed 18 in by 8 in bypass reducer
Root intrusion into a private manhole

Contractor

Grease & Sludge
Contractor damaged pipe while installing new water main

N/A
Ladder rung & paper
Contractor installed 8X18 reducer for bypass
N/A

Roots & grease
Uknown
Grease and rocks
After cctv inspection, roots came from several laterals connected to this main.
Roots from lateral connections and debris in City main
N/A

N/A
N/A
Private Lateral Unknown Blockage

Liner defect
2- Plumbers test plugs & can of spray paint
Defected liner
Private Lateral

Unknown
Private Contractor (Ortiz Corp)

Contractor lost air blader on 10 inch main, blocking the flow and causing the main to spill.
Cause of Spill is unknown, opened line and found no debris in catch screen.

Contrator plugged mainline for downstream cleaning and underestimated flow and volume.

Object was found in pipe to have caused backup

root intrusion & grease

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

Main
Main
Main
Main
Main
Upper Lateral
Upper Lateral
Main
Main

Stoppage was in City manhole.

Manhole

Private manhole

bypass pumping

N/A

N/A

N/A

Private Gravity Mainline

N/A
N/A
Private Lateral Lower

N/A

private lateral
Sewer Diversion failure

	8	VC
	8	vc
	10	
No		
No		
No	6	VC
No		
No		
No		
No		
No		
No		
No		
No		
No		
No	6	
No	6	cp
No	10	pvc
	10	PVC
	8	VCP
	8	AC
	8	
	4	
	4	
	8	VCP

25
35

41

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

Contained all or portion of spill;Restored flow;Property Owner Notified;Other Enforcement Agency Notified

Cleaned-Up;Contained all or portion of spill;Restored flow;Returned All Spill to Sanitary Sewer System

Cleaned-Up;Other (specify below);Restored flow

Cleaned-Up;Contained all or portion of spill;Restored flow;Returned Portion of Spill to Sanitary Sewer System

Other (specify below);Returned Portion of Spill to Sanitary Sewer System

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

Referred to have lock down frame and covers installed on easement manholes.

Made repairs to the main

N/A

N/A

N/A

N/A

N/A

CCTV mains

The contractor was notified to rectify the problem with the sewer bypass. CIP project.

Construction dug and retrieved air plug from the main.
Contained, opened blocking of line, vactor truck removed contaminated water, washed area and vacuumed wash water.
City crews were on call and in the City of San Juan Capistrano. Stand-by personnel were on seen in less than thirty minut

1/24/2013 12:00
1/27/2013 21:00

1/23/2013 12:00
2/20/2013 14:30

3/9/2013 12:30
3/11/2013 19:15
3/15/2013 21:20
3/20/2013 12:10
4/4/2013 15:00
4/16/2013 9:00
4/24/2013 13:25

5/21/2013 10:00
6/1/2013 16:50
6/4/2013 15:40
6/13/2013 17:30

7/12/2013 15:00
3/20/2013 12:25
8/4/2013 15:38

8/22/2013 12:00
8/23/2013 13:00

9/15/2013 12:54

9/22/2013 7:47

9/23/2013 17:30

9/25/2013 11:30

10/20/2013 15:41

11/22/2013 6:25
6/21/2007 15:15

1/22/2007 12:25

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

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

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

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

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

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

Other (specify below)

Adjusted schedule/method of preventive maintenance;Inspected Sewer Using CCTV to Determine Cause

Adjusted schedule/method of preventive maintenance;Enforcement action against FOG source;Inspected Sewer Using C

Inspected Sewer Using CCTV to Determine Cause

Other (specify below)

Inspected Sewer Using CCTV to Determine Cause;Repaired Facilities or Replaced Defect
Other (specify below)

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

Set up Containment, partially relieved stoppage, called construction crew to make confined space entry to remove manh
Setup containment, relieved stoppage and cleaned up area. Flushed 2 section upstream and downstream.

Contacted responsible party

City crew located, exposed and removed root mat and debris from a private manhole. Advised USD campus staff to chec

Contractor repaired bypass hose

N/A

Crews clean two sections up and two sections down, perform assessment on the sewer main and clean up

Set up containment, relieved blockage and cleaned up area. Cleaned 2 sections upstream & downstream. Had mains tele
Contractor removed 18X8 reducer
N/A

Mains being televised to determine what cause the blockage in the 10 main

Property General Manager notified

N/A

Notified Contractor (Ortiz Corp)

Will control area and check surrounding lines to see if any problem is identified

Will treat this line with chemical root killer/adjust preventative maintenance schedule to every three months

No
No

No
No

No
No
No
No
No
No
No

No
No
No
No

No
No
No

No
No

No

No

No

No

No
Yes

No

N/A

N/A

N/A

NA

No
No

No
No

No
No
No
No
No
No
No

No
No
No
No

No
No
No

No
No

No

Yes

None

No impacted beaches

No Beaches Impacted

No Beaches Impacted

None

NA

NA

None
NA
NA
NA
NA
None
None
None
None
None
NA
NA
None
None
None
None
No Impacted Surface waters
None
None
No surface water impacted
None
None
No Surface water Impacted
None
None
San Diego River
None
None

NA

None
None
None
None
None
None
None
Buena Vista Creek

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

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

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

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

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

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

No water quality samples taken

Other (specify below)

To determine where sewage ended

Coliform and Enterococcus

Ammonia

N/A

N/A

Coliform, and Enterococcus

Coliform & Enterococcus

County Health Agency
Not applicable to this spill

County Health Agency
Not applicable to this spill

Not applicable to this spill
Not applicable to this spill
No water quality samples taken
County Health Agency
Not applicable to this spill
Not applicable to this spill
Not applicable to this spill

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

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

County Health Agency;Regional Water Quality Control Board
Not applicable to this spill

No water quality samples taken

None of the above

N/A

N/A

N/A

N/A
N/A
Minutes X Spill Rate.

N/A

minutes per gallons
Minutes X Gallons

spill chart

130491	1/23/2013 21:05
130573	1/27/2013 21:35
130629	1/30/2013 11:20
130489	1/23/2013 18:05
131075	2/20/2013 15:50
131172	2/25/2013 15:23
131447	3/9/2013 13:42
131498	3/11/2013 21:30
131608	3/15/2013 21:41
131708	3/20/2013 15:15
132046	4/5/2013 13:20
132287	4/16/2013 11:00
132457	4/24/2013 14:54
132513	4/26/2013 19:50
132944	5/15/2013 12:50
133076	5/21/2013 12:10
133315	6/1/2013 17:25
133393	6/4/2013 15:40
133599	6/13/2013 14:27
133665	6/16/2013 22:15
134309	7/12/2013 17:40
131708	3/20/2013 15:15
134808	8/4/2013 15:38
134885	8/7/2013 19:35
135026	8/14/2013 15:55
135219	8/22/2013 17:10
135253	8/23/2013 15:45
135371	8/28/2013 12:45

70473	1/22/2007 13:10

Sean Willis - SWUS	8586544130
Jose L Oropeza / SWUS	8586544142
Eddie Salinas	6192539866
Jose L Oropeza	8586544142
Jose L Oropeza	8586544142
Jose L Oropeza	8586544142
Kevin Evans	8586544135
Kevin Evans	8586544135
Kevin Evans	8586544135
Kevin Evans PWUS	8586544135
Jose L Oropeza	8586544142
Eddie Salinas	8586144006
Jose L Oropeza	8586544142
Jose L Oropeza	8586544142
Eddie Salinas - PWUS	8586144006
Eddie Salinas	8586144006

9SSO10660	Active	647705	Rita Geldert	Certified
9SSO10660	Active	649067	Rita Geldert	Certified
9SSO10660	Active	654990	Rita Geldert	Certified
9SSO10660	Active	655117	Rita Geldert	Certified
9SSO10660	Active	707615	Rita Geldert	Certified
9SSO10660	Active	710947	Rita Geldert	Certified
9SSO10660	Active	726832	Rita Geldert	Certified
9SSO10660	Active	730542	Rita Geldert	Certified
9SSO10660	Active	736839	Rita Geldert	Certified
9SSO10660	Active	746638	Rita Geldert	Certified
9SSO10660	Active	747883	Rita Geldert	Certified
9SSO10660	Active	756236	Rita Geldert	Certified
9SSO10660	Active	763880	Rita Geldert	Certified
9SSO10660	Active	787088	Patrick Johnson	Certified
9SSO10660	Active	791216	Patrick Johnson	Certified
9SSO10660	Active	791217	Patrick Johnson	Certified
9SSO10660	Active	796053	Patrick Johnson	Certified
9SSO10662	Active	647416	Daniel Brogadir	Certified
9SSO10662	Active	651083	Daniel S. Brogadir	Certified
9SSO10662	Active	654144	Daniel S. Brogadir	Certified
9SSO10662	Active	706754	Daniel S. Brogadir	Certified
9SSO10662	Active	707819	Daniel	Certified
9SSO10662	Active	713196	Daniel S. Brogadir	Certified
9SSO10662	Active	719563	Daniel S. Brogadir	Certified
9SSO10662	Active	730114	Daniel S. Brogadir	Certified
9SSO10662	Active	732954	Daniel S. Brogadir	Certified
9SSO10662	Active	736744	Daniel S. brogadir	Certified
9SSO10662	Active	737009	Daniel S. Brogadir	Certified
9SSO10662	Active	737153	Daniel S. Brogadir	Certified
9SSO10662	Active	737515	Daniel S. Brogadir	Certified
9SSO10662	Active	741723	Daniel S. Brogadir	Certified
9SSO10662	Active	744310	Daniel S. Brogadir	Certified
9SSO10662	Active	747145	Daniel S. Brogadir	Certified
9SSO10662	Active	748067	Daniel S. Brogadir	Certified
9SSO10662	Active	748722	Daniel S. Brogadir	Certified
9SSO10662	Active	748734	Daniel S. Brogadir	Certified
9SSO10662	Active	749720	Daniel S. Brogadir	Certified
9SSO10662	Active	757440	Daniel S. Brogadir	Certified
9SSO10662	Active	758990	Daniel S. Brogadir	Certified
9SSO10662	Active	759288	Daniel S. Brogadir	Certified
9SSO10662	Active	759867	Daniel S. Brogadir	Certified
9SSO10662	Active	759870	Daniel S. Brogadir	Certified
9SSO10662	Active	762894	Daniel S. Brogadir	Certified
9SSO10662	Active	771934	Daniel S. Brogadir	Certified
9SSO10662	Active	773000	Daniel S. Brogadir	Certified
9SSO10662	Active	776806	Daniel S. Brogadir	Certified
9SSO10662	Active	778633	Daniel S. Brogadir	Certified
9SSO10662	Active	783587	Daniel S. Brogadir	Certified
9SSO10662	Active	792747	Daniel S. Brogadir	Certified
9SSO10662	Active	793274	Daniel S. Brogadir	Certified
9SSO10662	Active	794411	Daniel S. Brogadir	Certified
9SSO10662	Active	797242	Daniel Brogadir	Certified
9SSO10662	Active	797966	Daniel S. Brogadir	Certified
9SSO10662	Active	798897	Daniel S. Brogadir	Certified
9SSO10662	Active	799305	Daniel S. Brogadir	Certified

City Manager
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CIty Manager
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City Manager
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City Manager
City Manager
City Manager
LUEG Program Manager
LUEG Program Manager
LUEG Program Manager
LUEG Program Manager
Brogadir
LUEG Program Manager
LUEG Program Manager
LUEG Program Manager
LUEG Program Manager
LUEG Program Manager
LUEG Program Manager
LUEG Program Manager
LUEG Program Manager
LUEG Program Manager
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LUEG Program Manager
LUEG Program Manager

City of Vista	815509
City of Vista	307562
City of Vista	694224
City of Vista	958608
City of Vista	415559
City of Vista	536704
City of Vista	590967
City of Vista	152757
City of Vista	303216
City of Vista	551271
City of Vista	706900
City of Vista	812256
Vista,CA	562482
Vista	737936
Vista	645680
Vista	662238
Vista	561684
San Diego	533237
San Diego	571723
San Diego, CA	369804
San Diego, CA	370405
San Diego, CA	582289
San Diego, CA	276567
San Diego, CA	741035
San Diego, CA	852651
San Diego, CA	598110
San Diego, CA	268265
San Diego, CA	532591
San Diego, CA	109707
San Diego, CA	230712
San Diego, CA	836559
San Diego, CA	965292
San Diego, CA	858655
San Diego, CA	561570
San Diego, CA	331466
San Diego, CA	111500
San Diego, CA	581685
San Diego, California	451895
San Diego, CA	147949
San Diego, CA	383870
San Diego, CA	693904
San Diego, CA	850815
San Diego, CA	415551
San Diego, CA	594538
San Diego, CA	504166
San Diego, CA	919180
San Diego, CA	878355
San Diego, CA	681463
San Diego, CA	855359
San Diego, CA	654023
San Diego, CA	735736
San Diego, CA	529978
San Diego, CA	710352
San Diego, CA	661746
San Diego, CA	918013

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

Category 2		2000	2000
Category 1		411000	332600
Category 1		620	220
Category 1		4000	1000
Category 1		75	0
Category 3		400	400
Category 1		725	652
Category 3		80	0
Category 3		380	380
Category 1		400	200
Category 3		125	125
Category 1		13800	12300
Category 3		39	39
Category 3		100	95
Category 1		750	750
Category 1		17000	17000
Category 1		85	0
Category 2		5800	0
Category 3		945	900
Category 3		100	30
Category 1		360	0
Category 3		850	0
Category 1		100	0
Category 3		50	0
Category 1		560	0
Category 1		165	0
Category 3		450	450
Category 1		2000	0
Category 3		50	50
Category 1		2500	0
Category 3		50	0
Category 1		500	100
Category 3		900	0
Category 3		900	0
Category 3		300	0
Category 3		265	0
Category 3		600	0
Category 1		4950	2725
Category 3		225	225
Category 3		235	235
Category 1		90000	0
Category 1		27000	0
Category 1		2000	1400
Category 3		900	0
Category 3		200	0
Category 3		180	0
Category 3		500	500
Category 2		2500	2000
Category 3		150	150
Category 1		1250	1125
Category 3		875	875
Category 3		375	337
Category 1		1250	1125
Category 3	750	750	712
Category 3	400	400	300

0	No	No
26975	Yes	No
400	No	Yes
3000	Yes	Yes
75	Yes	Yes
	No	No
73	Yes	No
0	No	No
0	No	No
200	Yes	Yes
0	No	No
1500	Yes	Yes
0	No	No
0	No	No
750	Yes	Yes
17000	Yes	Yes
85	No	Yes
0	No	Yes
	No	No
	No	No
360	Yes	Yes
	No	No
100	Yes	No
0	No	Yes
560	No	Yes
60	No	Yes
0	No	Yes
2000	Yes	No
0	No	No
2500	Yes	Yes
0	No	Yes
400	No	Yes
0	No	Yes
0	No	Yes
0	No	Yes
0	No	Yes
0	No	No
1100	Yes	No
0	No	No
0	No	No
90000	Yes	No
27000	No	Yes
600	No	Yes
0	No	No
0	No	No
0	No	No
0	No	No
0	No	No
0	No	Yes
125	No	Yes
0	No	Yes
0	No	No
125	No	Yes
0	No	No
0	No	No

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

2685 South Melrose Drive
Raceway Pump Station
401 DURIAN STREET
DURIAN STREET AND HILL DRIVE
614 Terrace Drive
West Vista Way
Tylee Street & Hill Drive
863 VIA FELICIDAD
850 ANNS WAY
1213 BOBOLINK DR
825 RAINTREE PLACE
1903 W VISTA WAY
WEST VISTA WAY
140 BEAUMONT DRIVE
N SANTA FE AVENUE
E BOBIER DRIVE
425-435 W VISTA WAY
8759 Bigford Street
Winter Gardens Boulevard
Spring Valley Sanitation District
Jamacha Boulevard
Sweetwater Road
Alpine Boulevard and South grade Road, Alpine, CA
1201 Elkelton Blvd
Royal Rd
10441 Madrid Way
Alpine Villiage
9260 Harness Canyon
Alpine Village 2009-2
Lincoln Acres Canyon
Wild Oats & Country Trails
4255 Conrad Dr
Tavern Rd & Alpine Blvd
10263 Vista de la Cruz
Kenora Dr & Quail Creek Ln
Fairway Drive & Central Avenue
2621 Sweetwater Road
1124 Midway Drive
Alpine Village Apts
Intersection of mapleview Street and Ashwood Street
5682 Sweetwater Road
Bancroft Drive and Spring Place
Conrad Drive & Casa De La Torre
9364 Westhill Dr.
Apple St. and Ramona Ave.
Date st. and Portola ave.
2335 Alpine Blvd.
4328 Vista Way
8335 Lamar St.
1225 Portola ave. Spring Valley Ca. 91978
451 Kempton St, Spring Valley
4306 Vista Way
Grand Ave. and Jamacha Road
9748 Campo Road, Spring Valley
3147 Highlands Blvd., Spring Valley, CA. 91978

33.136447	117.244583	San Diego
33.386667	117.318056	San Diego
33	-117	San Diego
33	-117	San Diego
33.273889	-117.235278	San Diego
33.261667	117.4325	San Diego
33.002639	-117.00394	San Diego
33.314167	117.446944	San Diego
33.387778	-117.451944	San Diego
33.12243	-117.14986	San Diego
33.13634	-117.13351	San Diego
33.393889	-117.12693	San Diego
33.19432	-117.266	San Diego
33.20415	-117.22664	San Diego
33.22019	-117.24487	San Diego
33.22131	-117.24263	San Diego
33.19732	-117.25014	San Diego
32.720833	117.010556	San Diego
32.841944	116.933333	San Diego
32.723333	117.01	San Diego
32.735694	-116.957	San Diego
32.685583	117.015778	San Diego
32.834556	-116.751167	San Diego
32.716694	117.015889	San Diego
32.824325	-116.934411	San Diego
32.745194	-116.968	San Diego
32.835278	-116.771667	San Diego
32.719139	-116.998306	San Diego
32.834306	-116.771806	San Diego
32.666072	-117.078328	San Diego
32.673333	-117.003333	San Diego
32.757611	-116.986833	San Diego
32.837736	-116.778267	San Diego
32.76524	-116.97582	San Diego
32.74311	-116.98792	San Diego
32.741211	-117.009022	San Diego
32.662333	-117.070694	San Diego
32.8395	-116.79097	San Diego
32.83626	-116.77112	San Diego
32.86361	-116.91778	San Diego
32.68416	-117.01333	San Diego
32.74953	-117.00178	San Diego
32.75767	-116.98675	San Diego
32.846389	-116.941611	San Diego
32.714917	-116.995278	San Diego
32.720139	-116.989222	San Diego
32.835361	-116.763611	San Diego
32.756833	-116.973778	San Diego
32.737683	-117.007733	San Diego
32.716667	-116.989444	San Diego
32.705525	-117.001885	San Diego
32.757556	-116.973111	San Diego
32.71491	-116.99729	San Diego
32.747778	-116.985833	San Diego
32.73486	-116.97576	San Diego

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Raceway Pump Station
Basin V35 - pump station force main
MANHOLE LOCATED IN THE INTERSECTION OD DURIAN AND TYLEE. SPILLING FROM MANHOLE # V03 MH 80
SEWAGE LEAKING OUT OF MANHOLE. ACCESSABILITY TO DOWN STREAM MANHOLE DIFFICULT DUE TO CON
Dirt easement in alley
Spill coming from MH 83 which was a formerly abandoned line which was re-diverted when SR78 was widened; roughly a
Field adjacent to Tylee Street & Hill Drive. Overflow ponded in field area. Limited public access
MANHOLE LOCATED IN BACKYARD
SPILL COMING FROM MANHOLE #17 DUE TO AN ASPHALT BLOCKAGE CAUSED BY CONTRACTOR DOING WOR
SPILL OCCURED OUT OF MANHOLE AT THE INTERSECTION OF BOBOLINK & TOUCAN
SPILL COMING FROM MANHOLE CAUSED BY A ROOT
V01 MH 100 - SPILL COMING FROM MANHOLE LOCATED IN A DRAINAGE DITCH
SPILL COMING FROM MANHOLE ON W VISTA WAY AT INTERSECTION OF SANTA CLARA DRIVE
SPILL WAS COMING FROM MANHOLE 17 IN BASIN V22
SPILL COMING FROM MANHOLE ON N SANTA FE AVENUE; NEAREST ADDRESS IS 1410 N SANTA FE AVE
COMING FROM MANHOLE ON E BOBIER DRIVE
SPILL COMING FROM MANHOLE LOCATED ON SIDEWALK BETWEEN 425-435 W VISTA WAY. SPILL COMING FR
Within an easement dedicated to the Spring Valley Sanitation District.
Residence at 9060 Winter Gardens Boulevard.
Mainline blockage caused overflow from manhole located in private easement. Sewage flowed onto private property, pre
Flow spilled from manhole to gutter; reached a stormdrain and concrete lined ditch; then percolated into soil, debris, and
Overflow from manhole located in Sweetwater Road, just south of intersection with Quarry Road
Manhole at intersection of Alpine Blvd and South Grade Rd

Spill from manhole in back yard of residence. Much absorbed into unpaved surface around manhole and some went into
Apine Villiage Apartments
In canyon easement area behind 9260 Harness St
Toilet and shower overflow in pool restrooms.
In canyon North of Ridgeway Drive.

Easement off of Vista de la Cruz

Spring Valley Outfall Sewer manhole approximately 150 ft west of Sweetwater River channel.
Manole

At the Manhole in the center of the intersection of Marilla Dr. and Westhill Dr.

NDOMINIUM COMPLEX BLOCKING AC

9 differential in grade

K FOR VISTA IRRIGATION DISTRICT

OM MANHOLES V08105.00 & V08109.

dominately onto unpaved dirt.
vegetation within a swale lined with large

dry drain.

1
1

Pump station
Force main or pressure sewer
Manhole
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Building or structure
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Building or structure
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Gravity sewer
Gravity sewer
Gravity sewer
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Manhole
Manhole

Line break in force main on April 3, 2007 / Highline puncture on Friday, April 6, 2007

Overflow coming from manhole V03 MH 114 [Resident noticed a puddle in the field at about 10AM & phoned the City of
SEWER SEEPING FROM AROUND LID OF MANHOLE; 1 GPM

SEWER COMING OUT OF MANHOLE
SPILL COMING FROM MANHOLE
SPILL COMING FROM MANHOLE
<1 GPM SPILLING FROM MANHOLE

SPILL COMING FROM MANHOLE V11090.00
SEWER COMING FROM MANHOLE
SPILL COMING OUT OF TWO MANHOLES - THE SEWAGE COMING FROM MANHOLE #105 WAS FULLY CONTAIN

Toilet and shower overflow.

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

On-site containment area that is under construction
Agua Hedionda Creek, Agua Hedionda Lagoon

SEWAGE ENTERED STORM DRAIN AND THEN SPILLED INTO SMALL CREEK AREA AND DID NOT REACH ANY M
Dirt easement - sewer overflow was absorbed into dirt
Most of overflow coming from manhole ended up in a construction trench which was fully contained and captured & a por
10% of the total overflow reached a creek area that runs to Buena Vista Creek. Spill did not reach Buena Vista Creek; sa
SEWAGE CONTAINED IN BACKYARD
FINAL SPILL WAS CONTAINED ON A DIRT LOT

SPILL RAN DOWN STREET/CURB AND GUTTER AND ENDED UP CONTAINED IN A BROW DITCH
SPILL COMING FROM MANHOLE SPILLED INTO DRAINAGE DITCH & ENTERED STORM DRAIN
SPILL COMING FROM MANHOLE WAS CONTAINED ON STREET & WAS VACUUMED & CLEANED UP IN STREET
SPILL COMING FROM MANHOLE ENTERED THE STREET & PUDDLED-UP IN A DIP IN THE SHOULDER OF THE R

SPILL COMING FROM MANHOLE #109 ENTERED THE STORM DRAIN

Spill reached a stormdrain and concrete lined ditch; then percolated into soil, debris, and vegetation within a swale lined v

Sewage percolated into earthern drainage channel

Sewage flowed over substantial unpaved area before the residual reaching Alpine Creek (ephemeral) watercourse, which

Flowed down gutter line, and was swept back into a Manhole.

3/3/2007 9:07	3/3/2007 9:07	3/3/2007 9:15	3/3/2007 10:45
4/3/2007 7:30	4/3/2007 15:55	4/3/2007 8:16	4/3/2007 15:55
7/26/2007 14:11	7/26/2007 14:11	7/26/2007 14:13	7/26/2007 14:42
7/31/2007 21:40	7/31/2007 21:40	7/31/2007 22:00	7/31/2007 0:20
11/11/2007 11:20	11/11/2007 11:20	11/11/2007 11:50	11/11/2007 11:50
1/4/2008 13:11	1/4/2008 13:11	1/4/2008 13:28	1/4/2008 13:44
9/24/2008 10:00	9/24/2008 12:02	9/24/2008 12:18	9/24/2008 12:25
12/13/2008 17:00	12/13/2008 17:00	12/13/2008 17:30	12/13/2008 18:15
4/24/2009 7:10	4/24/2009 7:10	4/24/2009 7:30	4/24/2009 10:20
10/12/2009 0:00	10/12/2009 7:42	10/12/2009 7:42	10/12/2009 7:45
12/26/2009 10:55	12/26/2009 10:55	12/26/2009 11:20	12/26/2009 11:30
8/22/2010 0:00	8/22/2010 11:15	8/22/2010 11:30	8/22/2010 14:50
2/15/2011 0:00	2/15/2011 12:25	2/15/2011 12:27	2/15/2011 13:37
10/8/2012 13:16	10/8/2012 13:20	10/8/2012 13:22	10/8/2012 13:55
2/3/2013 0:00	2/3/2013 8:30	2/3/2013 8:50	2/3/2013 11:23
2/3/2013 0:00	2/3/2013 8:30	2/3/2013 8:50	2/3/2013 11:23
6/24/2013 0:00	6/24/2013 9:48	6/24/2013 9:48	6/24/2013 10:02
2/22/2007 20:00	2/26/2007 8:45	2/26/2007 9:00	2/26/2007 10:30
5/21/2007 20:30	5/21/2007 21:10	5/21/2007 21:10	5/21/2007 22:00
7/14/2007 16:45	7/14/2007 17:00	7/14/2007 17:30	7/14/2007 18:00
10/27/2007 8:00	10/27/2007 8:50	10/27/2007 9:20	10/27/2007 9:30
11/3/2007 9:30	11/3/2007 10:00	11/3/2007 10:30	11/3/2007 11:00
2/16/2008 10:40	2/16/2008 10:45	2/16/2008 11:05	2/16/2008 11:00
6/15/2008 21:00	6/15/2008 21:00	6/15/2008 21:15	6/15/2008 21:30
11/28/2008 0:00	11/28/2008 10:05	11/28/2008 10:15	11/28/2008 10:56
12/3/2008 0:00	12/3/2008 10:57	12/3/2008 11:10	12/3/2008 11:30
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7/22/2009 0:00	7/22/2009 11:55	7/22/2009 12:05	7/22/2009 12:15
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1/1/2010 0:00	1/1/2010 10:02	1/1/2010 10:45	1/1/2010 11:30
1/22/2010 0:00	1/22/2010 11:15	1/22/2010 11:25	1/22/2010 11:45
1/23/2010 0:00	1/23/2010 8:52	1/23/2010 9:30	1/23/2010 9:45
1/28/2010 9:07	1/28/2010 9:07	1/28/2010 9:30	1/28/2010 9:50
10/6/2010 0:00	10/6/2010 11:16	10/6/2010 11:30	10/6/2010 11:45
11/29/2010 0:00	11/29/2010 18:11	11/29/2010 18:45	11/29/2010 19:25
12/9/2010 0:00	12/9/2010 7:57	12/9/2010 7:20	12/9/2010 7:40
12/21/2010 0:00	12/21/2010 11:30	12/21/2010 11:45	12/22/2010 15:45
12/21/2010 0:00	12/21/2010 11:30	12/21/2010 12:00	12/22/2010 15:30
2/13/2011 0:00	2/13/2011 8:57	2/13/2011 9:24	2/13/2011 10:24
10/11/2011 5:00	10/11/2011 7:10	10/11/2011 7:30	10/11/2011 7:45
11/4/2011 8:50	11/4/2011 8:50	11/4/2011 9:10	11/4/2011 9:15
1/30/2012 12:05	1/30/2012 12:10	1/30/2012 12:55	1/30/2012 1:05
3/13/2012 7:32	3/13/2012 7:32	3/13/2012 8:00	3/13/2012 8:05
7/13/2012 0:00	7/13/2012 1:30	7/13/2012 1:45	7/13/2012 2:15
3/18/2013 9:20	3/18/2013 9:25	3/18/2013 9:45	3/18/2013 9:50
4/9/2013 0:00	4/9/2013 6:10	4/9/2013 6:25	4/9/2013 6:35
5/22/2013 9:55	5/22/2013 10:10	5/22/2013 10:20	5/22/2013 10:30
7/25/2013 6:55	7/25/2013 6:55	7/25/2013 7:05	7/25/2013 7:10
8/12/2013 13:40	8/12/2013 13:40	8/12/2013 14:15	8/12/2013 14:30
9/19/2013 9:10	9/19/2013 9:10	9/19/2013 9:20	9/19/2013 9:25
9/30/2013 8:00	9/30/2013 8:00	9/30/2013 8:45	9/30/2013 9:20

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

Cause is determined to be corrosion of the ductile iron pipe/Contractor punctured highline

Pipe structural problem/failure as well as grease was the main cause of the overflow
Debris in manhole caused manhole to overflow. Overflow pond-ed into field area.
ROOTS IN THE MAINLINE; SCHEDULED FOR TELEVISING
PAVING CONTRACTOR KNOCKED LID OFF OF MANHOLE WHICH CAUSED ASPHALT TO FILL IN THE INVERT OF
ROOTS IN MAINLINE
ROOT IN MANHOLE
LARGE METAL ROD WAS FOUND IN THE DROP LINE & DEBRIS WAS HUNG UP ON THE BAR CAUSING A BLOCK
CCTV OF LINE IS INCONCLUSIVE AS TO THE CAUSE OF THE OVERFLOW. POSSIBLY SOME TEMPORARY OBST
THE BLOCKAGE WAS CAUSED BY ROOTS. THE LINE WILL BE TELEVISED TO DETERMINE THE EXACT CAUSE
BROKEN VISTA IRRIGATION WATER LINE RUPTURED SEWER MAINLINE NEAR 1410 NO. SANTA FE AVENUE WI
A BROKEN VISTA IRRIGATION DISTRICT WATER LINE RUPTURED SEWER MAINLINE NEAR 1410 NO. SANTA FE
SPILL WAS CAUSED BY A ROOT BLOCKAGE BETWEEN MANHOLES #109 & #110

Debris in mainline sewer from nearby new construction activities.

Vandalism. RV dump hose retrieved when breaking stoppage.

Sweetwater River flooding surcharged sanitary sewer.
Road flooding caused sewer surcharge

Asphalt, Wood, Cardboard, dirt and other construction debris

Roots and Debris

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Main
Main

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Gravity Mainline
Gravity Mainline

APPEARANCE POINT: BASIN V03 MANHOLE 80
MANHOLE

Debris in manhole
ROOTS IN MAINLINE
ASPHALT HARDENED IN THE MAINLINE CAUSING BLOCKAGE

V13 MH 44 GIS MAP PG#18-12
BASED ON TIMEFRAME OF SPILL, THE ESTIMATED SPILL VOLUME, RECOVERY, & SPILL THAT REACHED SURF
IN MAINLINE [V04 MH 80]
ALL OF THE SPILL VOLUME WAS RECOVERED WITH THE EXCEPTION OF AN ESTIMATE OF FIVE (5) GALLONS (

ROOTS IN MAINLINE

	8	VCP
	6	
	8	PVC
	8	VCP
	8	VCP
ACE WATERS WAS MODII	10	VCP
OF SEWER THAT WAS SA		
	8	clay
	8	VCP
	8	vcp
	8	
	34	
	10	
	8	clay
	8	VCP
	8	clay
	8	
	8	VCP
No		
No		

38

47

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

A high-line was installed & is fully operational that bypasses 1600+ linear feet of pipeline. Staff is working on the replace

STANDBY CREWS RESPONDED WITH TWO VACTORS ONE INCIDENT RESPONSE UNIT AND ONE SUPERVISOF
The sewer was absorbed in dirt alley and all 75 gallons was absorbed into the soil. Lime was sprinkled in affected area.
Line was televised, but the flow was too high. Plans are to televise this line at night at low flow to get a better view of the
All available Wastewater units responded to scene to mitigate spill. Spill was contained in field area & vacuumed up 90%
SPILL WAS CONTAINED IN DIRT & DISSIPATED INTO GROUND; AREA WAS BERMED TO PREVENT SPILL FROM
CONTAINED ALL 380 GALLONS OF SEWER; NOTHING REACHED STORM DRAIN OR SURFACE WATERS. SPILL
FIRST TRUCK ON SCENE REMOVED THE BLOCKAGE & THE SECOND TRUCK ON SCENE MITIGATED CLEAN-UF
SPILL BLOCKAGE WAS MITIGATED AND EFFECTS OF SPILL WERE CLEANED-UP. LINE IS SCHEDULED TO BE T
CREWS WERE ON SCENE & MITIGATED EFFECTS OF SPILL & WASHED DOWN AREA. JJ SEPTIC WAS CALLED
CREWS RESPONDED TO OVERFLOW & CONTAINED ALL OF THE SPILL WHICH DID NOT REACH ANY SURFACE
THE AREA WAS WASHED DOWN & ALL OF THE SEWAGE RECOVERED WAS RETURNED TO THE SANITARY SE

Cleared blockage, cleaned and sanitized impacted area. Flowage percolated into native soil (100% absorbed) - could not
Area coned off, manhole inspected, cleared stoppage, jetted mainline and trapped and removed debris in downstream m

3/3/2007 20:00
4/10/2007 8:30
7/26/2007 15:12
8/1/2007 1:30
11/11/2007 12:00

9/24/2008 13:44

10/12/2009 9:05

8/22/2010 20:00

2/5/2013 15:30
2/5/2013 14:30
6/24/2013 16:13
2/26/2007 15:00

10/27/2007 10:15

2/16/2008 14:00
6/15/2008 22:00
11/28/2008 1:15
12/3/2008 15:32

4/30/2009 15:32

5/15/2009 15:30
7/22/2009 12:20
9/5/2009 12:05
11/27/2009 22:45
1/1/2010 12:30
1/22/2010 11:58
1/23/2010 10:23

10/6/2010 15:30

12/23/2010 16:00
12/22/2010 16:00
2/13/2011 12:30

7/13/2012 5:29

4/9/2013 6:35

8/12/2013 16:45
9/19/2013 11:55

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

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

Adjusted schedule/method of preventive maintenance

Adjusted schedule/method of preventive maintenance

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

Other (specify below)

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

Other (specify below)

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

Adjusted schedule/method of preventive maintenance

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

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

Adjusted schedule/method of preventive maintenance

Adjusted schedule/method of preventive maintenance
Added sewer to preventive maintenance program;Inspected Sewer Using CCTV to Determine Cause

Repair variable frequency drive
High-line installed to bypass pipeline & restored flow; vacuum any standing wastewater & return to sewer system
PLACED ON HOT SPOT 3 MONTH CLEANING
ADDING THIS LINE SEGMENT TO HOT SPOT LIST CLEANING EVERY 3 MONTHS AND TREATING LINE WITH RO(
Added this mainline to hot spot list to clean/check every three (3) months until further notice.

ADJUSTED METHOD OF PREVENTIVE MAINTENANCE ***(THIS IS AN AMENDED REPORT; FIRST REPORT WAS I

REMOVED METAL BAR WITH A CONFINED SPACE ENTRY; RESTORED FLOW. TELEVISING WILL TAKE PLACE C

SPILL WAS CAUSED BY A BROKEN WATER LINE OWNED BY VISTA IRRIGATION DISTRICT WHICH RUPTURED (
REPAIRED RUPTURED SEWER LINE

Will conduct CCTV inspection to verify satisfactory removal of debris; will also attempt to find debris source to make sure

Advised contractor of required notifications and procedures to control construction debris from entering public sewer
Cleared blockage.

Will CCTV lines to determine any other causes exist other than the RV dump hose that caused the stoppage.

Hydraulic analysis of wet weather event, evaluate potential system improvments to control surcharge conditions.
Hydraulic analysis to identify potential mitiagtion measures for wet weather surcharge.

Yes
Yes
No
Yes
Yes

No

Yes

Yes

Yes
Yes
Yes
No

No

No
No
No
No

No

No
No
No
No
No
No
No

Yes

No
No
No

No

No

No
No

Tributary to Agua Hedionda Creek was the initial receiving waters; secondary receiving waters were Agua Hedionda Cree

WATER ACCUMULATED IN SMALL CREEK AREA DOWNSTREAM OF STORM DRAIN

Minimal amount of overflow reach creek area & two samples were taken.

NO VISUAL IMPACTS TO REPORT
NA

N/A

Spill did not contact water.

N/A

No
Yes
Yes
Yes
No

Yes

No

Yes

No
No
No
No

No

No
No
No
No

No

No
No
No
No
No
No
No

No

Yes
No
No

No

No

No
No
No

NA
NA
NA
N/A
NA

NA

NA

NA

NONE
NONE
NA
NONE
N/A

NA

NA
NA
NA
NA

NA

N/A
NA
N/A
NA
NA
NA
NA

N/A

NA

NA
Agua Hedionda Creek, Agua Hedionda Lagoon
BUENA VISTA CREEK
BUENA VISTA CREEK
BUENA VISTA CREEK

BUENA VISTA CREEK

BUENA VISTA CREEK

BUENA VISTA CREEK
NONE
NONE
NONE
NONE
BUENA VISTA CREEK
N/A

Un-named drainage swale

Un-named unlined drainage ditch
NA

Un-named, unlined drainage channel

Un-named unlined drainage channel
NA
N/A
NA
NA
NA
NA

Alpine Creek - currently not flowing.
None
None
Sweetwater River
Unknown
None
N/A
N/A
None
None
N/A
N/A
N/A
None
none
None

Not applicable to this spill
Other (specify below)
Other (specify below)
No water quality samples taken
Not applicable to this spill

Biological indicator(s) - specify below

Other (specify below)

Other (specify below)

Other (specify below)
Other (specify below)
No water quality samples taken
No water quality samples taken

Not applicable to this spill

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

No water quality samples taken

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

No water quality samples taken

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

Fecal Coliform, Enterococcus
COLIFORM, FECAL COLIFORM, ENTEROCOCCUS
LABORATORY CLOSED IN THE EVENING HOURS

Fecal coliform

TOTAL COLIFORM, FECAL COLIFORM, ENTEROCOCCUS

BIOLOGICAL INDICATORS - SAMPLES WERE TAKEN AT EMERALD @ BUENA VISTA CREEK (33.09878N 117.12.9

TOTAL COLIFORM, ENTEROCCOCUS, FECAL COLIFORM
TOTAL COLIFORM, ENTEROCCOCUS, FECAL COLIFORM

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

None of the above

County Health Agency;Regional Water Quality Control Board

None of the above

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

Not applicable to this spill

Not applicable to this spill
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;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

None of the above
None of the above
No water quality samples taken;Not applicable to this spill

None of the above

None of the above

Not applicable to this spill
Not applicable to this spill

Merkel & Associates

NA

RESULTS WILL BE REPORTED TO KEITH KEZER AT COUNTY OF SAN DIEGO, PER HIS REQUEST
UPON RECEIPT OF TEST RESULTS, THEY WILL BE REPORTED TO KEITH KEZER AT COUNTY HEALTH, PER HIS

; REQUEST

50 gals. per minutes. @ 15min.

71450	3/6/2007 10:30
72089	4/3/2007 9:47
74598	8/1/2007 8:07
86933	9/24/2008 13:19
88914	12/15/2008 10:00
93221	4/24/2009 12:48
96852	10/12/2009 10:00
98575	12/26/2009 13:50
105017	8/22/2010 12:00
126061	10/8/2012 0:00
130727	2/3/2013 0:00
130727	2/3/2013 12:07
133849	6/25/2013 6:50
71261	2/27/2007 10:00
84258	6/15/2008 11:40
88514	11/28/2008 12:29
88634	12/3/2008 13:39
93196	4/23/2009 12:14
93350	4/30/2009 15:09
93399	5/3/2009 8:31
93696	5/15/2009 15:25
96152	9/5/2009 12:20
97963	11/28/2009 0:23
100008	1/1/2010 12:24
100584	1/22/2010 14:17
100669	1/23/2010 8:57
100776	1/29/2010 10:33
106027	10/6/2010 13:45
107178	11/30/2010 14:58
107415	12/10/2010 9:56
107724	12/21/2010 16:35
107881	12/27/2010 12:00
110865	2/13/2011 12:44
116594	11/4/2011 2:30
120672	1/2/2012 1:29
121444	
124079	7/13/2012 5:20
131674	
132135	4/9/2013 11:10
133108	5/22/2013 13:41
134565	7/25/2013 8:45
134975	8/12/2013 16:45
135895	9/19/2013 11:55

Ruty Murdock	6196602007
Ruty Murdock	6196606320

9SSO10662	Active	799557	Daniel S. Brogadir	Certified
9SSO10662	Active	800101	Daniel S. Brogadir	Certified
9SSO10662	Active	800420	Daniel S. Brogadir	Certified
9SSO10664	Active	707709	Toni Schmidt	Certified
9SSO10667	Active	648387	Joe Jackson	Certified
9SSO10667	Active	648595	Joe Jackson	Certified
9SSO10667	Active	657587	Joseph F. Jackson	Certified
9SSO10667	Active	707567	Joseph F. Jackson	Certified
9SSO10667	Active	724383	David Horn	Certified
9SSO10667	Active	729303	David Horn	Certified
9SSO10667	Active	731389	Joseph F. Jackson	Certified
9SSO10667	Active	732170	David Horn	Certified
9SSO10667	Active	734178	Joseph F. Jackson	Certified
9SSO10667	Active	737525	Joseph F. Jackson	Certified
9SSO10667	Active	738653	David Horn	Certified
9SSO10667	Active	741415	Joseph F. Jackson	Certified
9SSO10667	Active	743091	Joseph F. Jackson	Certified
9SSO10667	Active	746612	David Horn	Certified
9SSO10667	Active	751743	David Horn	Certified
9SSO10667	Active	753624	David Horn	Certified
9SSO10667	Active	755857	David Horn	Certified
9SSO10667	Active	756792	David Horn	Certified
9SSO10667	Active	757381	David Horn	Certified
9SSO10667	Active	762515	David Horn	Certified
9SSO10667	Active	766398	David Horn	Certified
9SSO10667	Active	784750	David Horn	Certified
9SSO10667	Active	787191	David Horn	Certified
9SSO10667	Active	787862	David Horn	Certified
9SSO10667	Active	788999	David Horn	Certified
9SSO10667	Active	794191	David Horn	Certified
9SSO10667	Active	796753	David Horn	Certified
9SSO10667	Active	798196	David Horn	Certified
9SSO10667	Active	801125		Submit Draft
9SSO10668	Active	645100	Ron Canfield	Certified
9SSO10668	Active	646259	Lance Lauricha	Certified
9SSO10668	Active	713011	Frank Anderson	Certified
9SSO10668	Active	715066	Frank Anderson	Certified
9SSO10668	Active	717563	Frank Anderson	Certified
9SSO10668	Active	721054	Frank Anderson	Certified
9SSO10668	Active	726983	Frank Anderson	Certified
9SSO10668	Active	741807	John Vaught	Certified
9SSO10668	Active	747450	John Vaught	Certified
9SSO10668	Active	750830	John Vaught	Certified
9SSO10668	Active	752383	John Vaught	Certified
9SSO10668	Active	755053	John Vaught	Certified
9SSO10668	Active	763423	Ron Canfield	Certified
9SSO10668	Active	767301	Ron Canfield	Certified
9SSO10668	Active	770406	James Larzalere	Certified
9SSO10668	Active	772537	Dennis Sperino	Certified
9SSO10668	Active	776114	Jim Larzalere	Certified
9SSO10668	Active	780640	jlarzalere	Certified
9SSO10668	Active	785296	James Larzalere	Certified
9SSO10668	Active	786875	jlarzalere	Certified
9SSO10668	Active	791638	James Larzalere	Certified
9SSO10668	Active	792215	James Larzalere	Certified

LUEG Program Manager
LUEG Program Manager
LUEG Program Manager
General Manager
Chief Engineer
Chief Engineer
Chief Engineer
Chief Engineer
Ops Manager
Ops Manager
Chief Engineer
Ops Manager
Chief Engineer
Chief Engineer
Ops Manager
Chief Engineer
Chief Engineer
Operations Manager
Operation Manager
Operations Manager
Operations Manager
Operations Manager
Operations Manager
Ops Manager
Operations manager
Ops Manager
Ops manager
Ops Manager
Ops Manager
Ops Manager
Ops Manager
Ops Manager

Senior Wastewater Supv
Senior Wastewater Collection Supervisor
Wasterwater Superintendent
Wastewater Superintendent
Wastewater Collection Superintendent
Wastewater Collection Sup't.
Wastewater Collection Superintendent
Senior Wastewater Supervisor
Senior Wastewater Supervisor
Senior Wastewater Supervisor
Senior Waste Water Supervisor
Senior Wastewater Supervisor
Sr. Wastewater Supv
Senior Wastewater Collection Supv
Plant Superintendent
Dep. Director Utilities
Operation Superintendent
waste water superintendent
Superintendent
Superintendent
Waste Water Superintendent
Superintendent

San Diego, CA		766051
San Diego, CA		252681
San Diego, CA		972484
Laguna Beach, CA		482187
Fallbrook, CA		296530
Fallbrook, CA		808025
Fallbrook, CA		764949
Fallbrook, CA		949966
Fallbrook		337252
Fallbrook		789851
Fallbrook, CA		932138
Fallbrook		606529
Fallbrook, CA		800689
Fallbrook, CA		258269
Fallbrook		584528
Fallbrook, CA		634564
Fallbrook, CA		216239
Fallbrook Ca		157910
Fallbrook		136316
Fallbrook		784421
Fallbrook Ca		415749
Fallbrook Ca		485045
Fallbrook		932114
Fallbrook		156080
Fallbrook		954803
Fallbrook Ca		984003
Fallbrook		286310
Fallbrook		449920
Fallbrook		985676
Fallbrook PUD		752438
Fallbrook PUD		730559
Fallbrook		235414
City of Escondido		745399
475 N. Spruce St. Escondido, CA 92025		699171
Escondido Public Works		806052
Utilities Department		161132
Escondido Utilities Dept.		827787
Escondido Utilities Dept.		915035
Escondido Utilities Dept.		612627
830 Hrs		521487
	1445	395360
	1003	760351
	1540	637103
	1540	279604
City of Escondido		210111
City of Escondido		153963
	1232	221526
	15:36	507326
	1358	134901
	645	951179
	12:11	287955
	1554	234594
	1531	763742
	11:55	123791

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

Category 2	1500	1500	500
Category 3	130	130	97
Category 3	20	20	5
Category 3		10	0
Category 1		141859	0
Category 1		640	200
Category 3		225	225
Category 3		600	600
Category 1		150	25
Category 1		11200	500
Category 3		550	0
Category 1		30	10
Category 3		225	15
Category 1		40	20
Category 1		100	20
Category 1		300	50
Category 1		4000	0
Category 1		600	50
Category 3		300	250
Category 3		300	0
Category 1		6000	0
Category 3		250	250
Category 3		300	300
Category 1		2000	100
Category 3		50	50
Category 1		3500	3000
Category 3		15	15
Category 3		15	15
Category 3		84	84
Category 1		23467	0
Category 1		1500	500
Category 3		30	2
Category 3	100	100	75
Category 1		4500	0
Category 1		300	0
Category 1		450	300
Category 3		300	300
Category 3		444	444
Category 1		150	50
Category 3		315	315
Category 1		17725	2000
Category 1		60	20
Category 3		50	0
Category 3		5	0
Category 1		800	0
Category 3		10	10
Category 3		300	0
Category 1	0	180700	0
Category 3		114	114
Category 3		70	70
Category 3		30	30
Category 3		160	160
Category 3		90	0
Category 3		750	750
Category 3		760	760

0	No	No
0	No	No
0	No	No
0	No	No
141859	Yes	No
440	Yes	Yes
	No	No
	No	No
125	Yes	Yes
10700	Yes	No
0	No	No
20	No	Yes
0	No	No
20	Yes	No
80	Yes	Yes
250	Yes	Yes
4000	Yes	No
550	Yes	Yes
0	No	No
0	No	Yes
6000	Yes	Yes
0	No	Yes
0	No	Yes
1900	No	Yes
0	No	Yes
300	Yes	No
0	No	No
0	No	No
0	No	No
23467	Yes	No
1000	Yes	No
0	No	Yes
0	No	No
4500	Yes	No
300	Yes	Yes
150	Yes	Yes
0	Yes	No
0	Yes	Yes
100	Yes	Yes
0	No	Yes
15725	Yes	Yes
40	Yes	Yes
0	No	No
0	No	No
800	Yes	Yes
0	No	No
0	No	Yes
180700	Yes	No
0	No	Yes
0	No	No
0	No	No
0	No	Yes
0	No	Yes
0	No	No
0	No	No

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

3625 Wild Oats Lane, Chula Vista, CA 91902
4437 Conrad Drive
3536 Sweetwater Springs
PCH south of Emerald Bay Main Gate
Grand Tradition Area - Backside
Amberwood Apartments
Skylark Trailer Park
2800 Overland Trail
950 E. Fallbrook Street
600 Block Palomino Road
837 Hillpark Lane
212 S. Main Avenu
248 E. Fig Street
2857 S. Mission Road
212 S. Main Avenue
232 South Main Ave.
2500 block Overland Trail
200 Block N. Main Ave
2700 block of S. Mission Rd.
Intersection Of E. Alvarado St. and S. Brandon Rd.
504 E. Alvarado St.
217 E. Alvarado St.
447 Ammunition Rd.
429 N. Pico Ave
300 North Bradon Road
Plant 2 Lift Station
1200 block of Via De Maranatha
177 Barhaven Lane
936 Iowa St.
2841 Overlad Trail
2854 Block Overland Trail
809 N. Orange Ave
100 Block of South MIssion Road
Air relief valve
2470 Eucalyptus Avenue
1674 West El Norte Pkwy
1368 Gilmore Place
708 Falconer RD.
1605 Hamilton Lane
504 S. Broadway
2045 S. Escondido Blvd Lift Station #3
Lift Station 9 Secondary Forcemain Air Release Valve
West El Norte PKWY AirVac
San Pasqual RD Air-Vac
Sanitary Sewer Manholes
City C/O # 1921
1302 Oak Hill Drive
Pineapple
EUCALYPTUS / LIFT STA. 8
in the alley between E.4th Ave.& E.5th Ave/ S. Hickory St. & S. Ivy St.
1411 CLARKS STREET
651 E Pennsylvania Ave
330 State Place
120 N Ash Street
2161 Meyers Ave.

32.67325	-117.00329	San Diego
32.7599	-116.98268	San Diego
32.74328	-116.97284	San Diego
33.55302	-117.80774	Orange
33.365556	117.243889	San Diego
33.374167	117.257778	San Diego
33.373889	117.253056	San Diego
33.3425	117.240278	San Diego
33.376547	-117.239733	San Diego
33.365583	-117.243797	San Diego
33.391667	117.241667	San Diego
33.380833	-117.251111	San Diego
33.381147	117.249222	San Diego
33.339958	-117.239844	San Diego
33.380658	-117.251217	San Diego
33.380606	-117.251244	San Diego
33.341192	-117.240494	San Diego
33.383725	-117.251442	San Diego
33.342764	-117.240647	San Diego
33.381989	-117.245536	San Diego
33.382017	-117.246458	San Diego
33.381967	-117.249744	San Diego
33.371283	-117.256578	San Diego
33.385219	-117.251864	San Diego
33.383975	-117.243481	San Diego
33.33994	-117.23988	San Diego
33.370542	-117.215161	San Diego
33.379594	-117.236431	San Diego
33.390189	-117.248444	San Diego
33.341208	-117.240489	San Diego
33.340139	-117.240031	San Diego
33.388692	-117.249083	San Diego
33.381944	-117.253333	San Diego
33.086553	117.025414	San Diego
33.094167	117.125	San Diego
33.150833	117.128333	San Diego
33.156944	117.156944	San Diego
33.183333	117.25	San Diego
33.228333	117.101111	San Diego
33.118333	117.265278	San Diego
33.083333	-117.066667	San Diego
33.225833	-117.101944	San Diego
33.166944	-117.149167	San Diego
33.086553	-117.02541	San Diego
33.116855	-117.066899	San Diego
33.203333	-117.19	San Diego
33.249444	-117.246944	San Diego
33.10654	-117.11426	San Diego
33.08304	-117.10739	San Diego
33.176111	-117.221111	San Diego
33.125362	-117.082497	San Diego
33.279722	-117.191667	San Diego
33.12158	-117.11091	San Diego
33.12757	-117.06559	San Diego
33.12875	-117.12406	San Diego

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Manhole in public street.

Manhole on PCH, south of the Main Gate.
Spilled from roadway area to dry creek bed.
Ran from manhole to storm drain, to culvert under roadway, and entered Fallbrook Creek.
Paved road in trailer park
Empty lot along Overland Trail
Coming out of manhole
Manhole on 600 block of Palomino Road
Dead End Street
Manhole in driveway
Manhole in the road
Plant 2 Lift Station
Manhole in Parking Lot
2 1/2 Drain Pipe which was illegally tied-in to our 4 Main
on east side of Overland trail about 500 feet southwest of South Mission Rd.
Intersection of N. Main Ave & Ivy Street

Manhole in intersection of E. Alvarado St. and S. Brandon Rd.

Stoppage in main line, flowed out of 6 clean out.

Manhole
Spilled out of manhole in south bound lane of N. Brandon Rd.

Paved roadway in cleanout.
Dirt shoulder of road
Lift Station #8 Force Main
On street from manhole containing air release valve.
Discharged from private cleanout in backyard of 1368 Gilmore Pl. after city main line stoppage.
Manhole in public street.
Manhole in public street.
Sewer Manhole
Lift Station #3

Sewer manhole in street.
Air-Vac along side of San Pasqual RD xst Veinto Valle
Sanitary sewer manholes 6221 and 6223

In the storage area at the trailer park
MANHOLE OUTSIDE OF THE LIFT STATION

City sewer main backed up causing sewage to overflow from private cleanout in parking lot.

1
1
1

1

1

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

6 clean out.
3 clean out

4 clean out

4 clean out
Cleanout and manhole B-113 grease buildup in downstream pipe.
Air Relief Valve

Air release valve on sewer force main failed.

Discharge from wet well into dry dirt storm ditch
Air release valve.

Combinetion Air-Vac Failure

Manhole

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

Dry drainage channel (grass).

Private paved Driveway

Unmaintained swale near shoulder of road
Spill wasabsorbed into the ground where the ditch ran dry.

225 gals. went to storm drain than was recovered by city collection crews.
Spill that was unrecoverable went to soil.

Creek area in Kit Carson Park that was blocked by a 300' x 12' sand bar
Dry unimproved natural drainage.

Absorbed into the dirt adjacent the air-vac.

C/O located in an easement, spill was was contained in concrete brow ditch damned up with dirt. 100% was contained. Ar
Spill was fully contained in storm drain, where we vacuumed and recovered 100%.

.
Spill was contain in gutter w/ dirt and sandbags, then vacuumed and returned to sanitary sewer system.

Sewage was contained in the storm drain pipe within the property. It was vacuumed and returned to collection system.

10/7/2013 1:30	10/7/2013 1:30	10/7/2013 2:15	10/7/2013 2:30
10/22/2013 8:22	10/22/2013 8:22	10/22/2013 8:30	10/22/2013 8:35
10/29/2013 11:30	10/29/2013 11:30	10/29/2013 11:45	10/29/2013 12:00
11/5/2007 9:45	11/5/2007 9:50	11/5/2007 9:55	11/5/2007 10:00
3/25/2007 0:00	3/25/2007 6:38	3/25/2007 7:00	3/25/2007 21:30
3/28/2007 0:00	3/28/2007 7:30	3/28/2007 7:40	3/28/2007 7:47
9/16/2007 0:00	9/16/2007 14:04	9/16/2007 14:20	9/16/2007 14:45
11/11/2007 0:00	11/11/2007 10:50	11/11/2007 11:15	11/11/2007 13:00
8/7/2008 0:00	8/7/2008 12:35	8/7/2008 12:45	8/7/2008 13:05
11/16/2008 0:00	11/16/2008 10:43	11/16/2008 11:10	11/16/2008 11:35
1/1/2009 0:00	1/1/2009 9:56	1/1/2009 10:20	1/1/2009 11:30
1/20/2009 0:00	1/20/2009 12:20	1/20/2009 12:25	1/20/2009 12:35
2/26/2009 0:00	2/26/2009 9:09	2/26/2009 9:20	2/26/2009 9:45
5/17/2009 0:00	5/17/2009 16:15	5/17/2009 16:35	5/17/2009 16:50
6/8/2009 0:00	6/8/2009 9:09	6/8/2009 9:20	6/8/2009 9:30
7/18/2009 0:00	7/18/2009 13:30	7/18/2009 15:50	7/18/2009 16:50
8/15/2009 0:00	8/15/2009 7:30	8/15/2009 8:15	8/15/2009 9:15
11/6/2009 0:00	11/6/2009 7:09	11/6/2009 7:15	11/6/2009 8:00
4/16/2010 0:00	4/16/2010 6:29	4/16/2010 6:40	4/16/2010 7:30
6/18/2010 0:00	6/18/2010 9:34	6/18/2010 10:05	6/18/2010 10:00
8/7/2010 0:00	8/7/2010 8:35	8/7/2010 9:05	8/7/2010 9:30
9/13/2010 0:00	9/13/2010 7:15	9/13/2010 7:20	9/13/2010 7:45
10/5/2010 0:00	10/5/2010 7:42	10/5/2010 7:50	10/5/2010 8:45
2/6/2011 0:00	2/6/2011 10:05	2/6/2011 10:20	2/6/2011 10:50
5/12/2011 0:00	5/12/2011 6:55	5/12/2011 7:00	5/12/2011 7:10
8/7/2012 0:00	8/7/2012 10:20	8/7/2012 10:20	8/7/2012 10:45
10/12/2012 14:40	10/12/2012 14:40	10/12/2012 14:50	10/12/2012 14:55
11/4/2012 16:25	11/4/2012 16:25	11/4/2012 16:44	11/4/2012 18:05
12/13/2012 10:06	12/13/2012 10:06	12/13/2012 10:27	12/13/2012 11:30
5/15/2013 0:00	5/15/2013 10:25	5/15/2013 10:40	5/15/2013 11:25
7/13/2013 0:00	7/13/2013 18:45	7/13/2013 18:55	7/13/2013 19:05
8/26/2013 8:23	8/26/2013 8:23	8/26/2013 8:35	8/26/2013 8:50
11/22/2013 13:30	11/22/2013 13:30	11/22/2013 13:40	11/22/2013 13:50
1/3/2007 19:00	1/3/2007 19:15	1/3/2007 19:45	1/3/2007 20:15
1/25/2007 9:45	1/25/2007 9:45	1/25/2007 10:00	1/25/2007 10:45
2/15/2008 14:15	2/15/2008 14:15	2/15/2008 14:30	2/15/2008 15:45
3/19/2008 14:15	3/19/2008 14:15	3/19/2008 14:50	3/19/2008 15:15
5/18/2008 11:00	5/18/2008 12:15	5/18/2008 12:35	5/18/2008 13:28
6/30/2008 15:45	6/30/2008 15:45	6/30/2008 16:00	6/30/2008 16:15
9/27/2008 13:21	9/27/2008 13:21	9/27/2008 13:51	9/27/2008 14:24
7/24/2009 0:00	7/24/2009 6:20	7/24/2009 6:40	7/24/2009 7:20
12/10/2009 10:00	12/10/2009 10:00	12/10/2009 10:10	12/10/2009 10:20
3/17/2010 13:25	3/17/2010 13:30	3/17/2010 13:45	3/17/2010 14:30
5/13/2010 0:00	5/13/2010 8:00	5/13/2010 8:15	5/13/2010 8:15
7/16/2010 0:00	7/16/2010 8:55	7/16/2010 9:05	7/16/2010 9:05
2/22/2011 0:00	2/22/2011 10:45	2/22/2011 11:00	2/22/2011 12:57
6/8/2011 14:25	6/8/2011 14:35	6/8/2011 14:45	6/8/2011 14:55
8/28/2011 16:22	8/28/2011 16:45	8/28/2011 17:45	8/28/2011 16:47
10/30/2011 10:36	10/30/2011 10:38	10/30/2011 10:50	10/30/2011 11:33
1/19/2012 13:25	1/19/2012 13:25	1/19/2012 13:45	1/19/2012 14:35
4/25/2012 15:30	4/25/2012 15:40	4/25/2012 15:45	4/25/2012 16:00
8/20/2012 10:10	8/20/2012 10:30	8/20/2012 10:50	8/20/2012 10:55
10/2/2012 12:15	10/2/2012 12:15	10/2/2012 12:45	10/2/2012 13:10
1/7/2013 14:50	1/7/2013 14:50	1/7/2013 14:50	1/7/2013 15:40
2/27/2013 14:40	2/27/2013 14:40	2/27/2013 14:50	2/27/2013 15:10

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

Pipe Structural Failure - Water main leak undermined manhole and collapsed pipe.

Illegal connection to main line.

Rags with possible grease.

Vehicle accident

Wastewater air release valve failed due to unknown cause.

Construction debris, large rock.
Air release valve mechanical failure.
Under investigation.

Air release valve failed, faulty float.

Uninterruptible Power Supply Failed, causing the Influent Pump Station inside the treatment system to surcharge and cau

City crew was cleaning main line with continous rodder when we believe a root mass traveled downstream just beyond a l

Gravity Mainline
Gravity Mainline
Gravity Mainline
Main

Main
Main

Main

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

Main
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Main
Gravity Mainline

Main

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

Manhole

Force Main

Debris in manhole F-30

n/a

Hale Avenue Resource Recovery Facility
PUMP STATION FAILURE

No		
No		
No		
	10	VCP
	6	VCP
	6	VCP
	10	C900 PVC
	6	vcp
	10	VCP
	6	VCP
	4	Cast Iron
	6	VCP
	14	C900
	4	C/I
	4	Cast Iron
	10	PVC
	8	vcp
	10	pvc
	8	vcp
	8	VCP
	8	vcp
	8	vcp
	6	pvc
	8	vcp
	14	pvc
	6	vcp
	6	vcp
	6	vcp
	10	PVC
	10	PVC
	6	VCP
No	6	VCP
	6	VCP
No		

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58

60

Cleaned-Up;Contained all or portion of spill;Restored flow;Returned Portion of Spill to Sanitary Sewer System

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

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

Washed down street and vactored up small dry tributary to Fallbrook Creek.

Vacuumed out manhole.

Valve below air relief was closed after SDGE had de-energize downed power lines. Discharge absorbed in dirt swale. Re

Vallecitos Water District was the first responder and commenced recovery, then called City of Escondido Wastewater Cre

Turned Air-Vac off, clean and replaced unit.

Isolated Problem, Placed Equipment in Hand Operation, Notified all Appropriate Agencies, Performed perscribed analytic

10/7/2013 4:45

3/25/2007 21:30
3/28/2007 8:00

8/7/2008 13:05
11/16/2008 15:00

1/20/2009 12:45

5/17/2009 16:50
6/8/2009 9:30
7/18/2009 18:00
8/15/2009 17:00
11/6/2009 9:30

6/18/2010 12:00
8/7/2010 10:05

2/6/2011 12:30

8/7/2012 10:45

5/15/2013 2:30
7/13/2013 23:00
8/26/2013 9:00

1/4/2007 11:00
1/25/2007 22:00
2/15/2008 18:00
3/19/2008 20:30
5/18/2008 16:30
6/30/2008 18:00

7/24/2009 13:00
12/10/2009 14:30

7/16/2010 0:00

9/2/2011 16:00

Adjusted schedule/method of preventive maintenance;Inspected Sewer Using CCTV to Determine Cause

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

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

Adjusted schedule/method of preventive maintenance

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

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

Added sewer to preventive maintenance program

Repaired sewer

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

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

Other (specify below)
Repaired sewer

Adjusted schedule/method of preventive maintenance;Enforcement action against FOG source

Other (specify below)

Will install new manhole.
Just cleaned line about 4 months ago. Discussing sending a bi-lingual informational notice to apartment complex.

CCTV

Air relief valve to be replaced
Repaired small hole in force main. I am unable to certify this document without checking one of the above spill correctiv
Wastewater air release valve was removed & replaced. Crew will inspect failed unit to determine cause.

Corrective action will be based on the CCTV inspection which will take place on 5/19/08.

Repaired faulty equipment at lift station

Install a UPS/Shore Power Relay. Installed manhole level monitoring devices

No

No
No

No
No

No

No
No
Yes
Yes
No

No
No

No

No

Yes
No
No

No
No
No
Yes
Yes
Yes

No
No

Yes

No

First pond downstream was mirky in color, second pond downstream was clear, no sewage, odor, or debris.
Due to location where spill entered Fallbrook Creek, unable to make visual observation.

Minimal impact, minimal flow.
NA

NA

Clear where storm drain opens to creek.
None
Plume about 1/2 mile down from spill site. Light grey water.

1/4 mile downstream creek was clear

Large rain event on 2/14/08, no noticeable signs of wasterwater in storm system or culverts.

No visible impacts

Yes
No

No
Yes

No

Yes
No
No
Yes
Yes

No
Yes

No

Yes

Yes
Yes
No

No
No
No
No
No
No

Yes
No

No

Yes Yes

NA
NA

NA
NA

NA

NA
NA
NA
N/A
n/a

NA
NA

NA

Oceanside Harbor

NA
N/A
NA
N/A
NA
NA

N/A
NA

N/A

Cardiff State Beach

Pond(s) in Los Jilqueros Preserve
Fallbrook Creek (minimal impact).

Ostrich Creek
Ostrich Creek

Fallbrook Creek

Ostrich Creek
Fallbrook Creek
Fallbrook Creek
Ostrich Creek, San Luis Rey River
Fallbrook Creek

NA
Fallbrook Creek
n/a
n/a
NA
N/A
Ostrich Creek, SanLuis Rey River, Pacific Ocean
N/A
n/a
n/a
Ostrich Creek
Ostrich Creek
n/a

NA
Spill entered drainage ditch and was absorbed into the ground
Approx. 1/2 mile from San Marcos Creek.
N/A
NA
NA

N/A
NA

Escondido Creek
N/A
N/A
Escondido Creek
STORM DRAIN
N/A
N\A
N\A
N/A
None
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

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

Not applicable to this spill
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
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

No water quality samples taken
Not applicable to this spill

No water quality samples taken

Biological indicator(s) - specify below

Total coliform, fecal coliform, and enterococcus

Total Coliform, Fecal Coliform, Enterococcus

coliform and E. Coli

Total Coliform, E. Coli, Enterococcus and Fecal Colifrom
Total Coliform, E.Coli, Enterococcus and Fecal Coliform

Total Coliforms and E. Coli & Entercoccus

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

No water quality samples taken
Not applicable to this spill

No water quality samples taken

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

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
None of the above
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

No water quality samples taken
Not applicable to this spill

No water quality samples taken

County Health Agency

Reported to DPH, no results were elevated from base line monitoring.

Estimation was determand on volume of water coming out of the private clean out up strem from man hole. The water wa

Duration in minutes with a given flow based on influent plant flow meter minus system storage to spill elevation.

76818	11/5/2007 17:45
71915	3/26/2007 14:05
88241	11/16/2008 12:10
90523	1/20/2009 14:50
93734	5/17/2009 17:55
94212	6/8/2009 12:05
95687	8/15/2009 13:55
97472	11/6/2009 9:54
103770	6/21/2010 11:44
104791	8/12/2010 9:45
105498	9/13/2010 9:19
105998	10/5/2010 9:38
110735	2/6/2011 12:05
112934	5/12/2011 8:30
124604	8/7/2012 12:37
132940	5/15/2013 12:33
134326	7/13/2013 20:50
135295	8/26/2013 9:37
70080	1/4/2007 0:00
82191	3/19/2008 19:00
87017	9/27/2008 15:18
95197	7/24/2009 7:50
104284	7/16/2010 9:50
113443	6/8/2011 15:25
115105	8/28/2011 20:27
116480	10/30/2011 13:00
120364	1/19/2012 15:40
122476	4/25/2012 17:05

Ruty Murdock	6196606320
Ruty Murdock	6196602007
Ruty Murdock	6196602007

Ken Hubbard or Kyle Drake	7607281125

James Larzalere Plant CPO	17608394208

9SSO10668	Active	792433	James Larzalere	Certified
9SSO10668	Active	793042	James Larzalere	Certified
9SSO10668	Active	799851	James Larzalere	Certified
9SSO10668	Active	799887	James Larzalere	Certified
9SSO10668	Active	800800		Submit Draft
9SSO10669	Active	707761	Wayne D Posey	Certified
9SSO10669	Active	708738	Wayne D Posey	Certified
9SSO10669	Active	710630	Wayne D Posey	Certified
9SSO10669	Active	710787	Wayne D Posey	Certified
9SSO10669	Active	717038	Wayne D Posey	Certified
9SSO10669	Active	719937	Wayne D Posey	Certified
9SSO10669	Active	726558	Wayne D Posey	Certified
9SSO10669	Active	730943	Wayne D Posey	Certified
9SSO10669	Active	796657	Wayne D Posey	Certified
9SSO10673	Active	716105	Daniel S. Brogadir	Certified
9SSO10674	Active	645211	Guss Pennell	Certified
9SSO10674	Active	647698	mark patnode	Certified
9SSO10674	Active	648816	Jeremy Kemp	Certified
9SSO10674	Active	649398	Jeremy Kemp	Certified
9SSO10674	Active	649760	Jeremy Kemp	Certified
9SSO10674	Active	651686	Jeremy Kemp	Certified
9SSO10674	Active	652647	Jeremy Kemp	Certified
9SSO10674	Active	653071	Jeremy Kemp	Certified
9SSO10674	Active	654367	Jeremy Kemp	Certified
9SSO10674	Active	656132	Mark Anderson	Certified
9SSO10674	Active	656660	Jeremy Kemp	Certified
9SSO10674	Active	658026	Jeremy Kemp	Certified
9SSO10674	Active	705770	Jeremy Kemp	Certified
9SSO10674	Active	706230	Jeremy Kemp	Certified
9SSO10674	Active	707209	Jeremy Kemp	Certified
9SSO10674	Active	708690	Jeremy Kemp	Certified
9SSO10674	Active	710951	Jeremy Kemp	Certified
9SSO10674	Active	712346	Guss Pennell	Certified
9SSO10674	Active	715497	Jeremy Kemp	Certified
9SSO10674	Active	719439	Jeremy Kemp	Certified
9SSO10674	Active	724373	Guss Pennell	Certified
9SSO10674	Active	728568	Jeremy Kemp	Certified
9SSO10674	Active	732514	Jeremy Kemp	Certified
9SSO10674	Active	732866	Jeremy Kemp	Certified
9SSO10674	Active	734147	Jeremy Kemp	Certified
9SSO10674	Active	736017	Jeremy Kemp	Certified
9SSO10674	Active	739356	Jeremy Kemp	Certified
9SSO10674	Active	744218	Jeremy Kemp	Certified
9SSO10674	Active	747449	Jeremy Kemp	Certified
9SSO10674	Active	747468	Jeremy Kemp	Certified
9SSO10674	Active	748715	Jeremy Kemp	Certified
9SSO10674	Active	748850	Mark Anderson	Certified
9SSO10674	Active	749551	Jeremy Kemp	Certified
9SSO10674	Active	759764	Jeremy Kemp	Certified
9SSO10674	Active	759981	Jeremy Kemp	Certified
9SSO10674	Active	762370	Jeremy Kemp	Certified
9SSO10674	Active	765572	Jeremy Kemp	Certified
9SSO10674	Active	769731	Jeremy Kemp	Certified
9SSO10674	Active	770687	Jeremy Kemp	Certified
9SSO10674	Active	771632	Jeremy Kemp	Certified

Superintendent
Superintendent
Plant Superintendent
Plant Superintendent

Director of Wastewater Operations
Director of Wastewater Operations
Director of Wastewater Operations
Director of Wastewater Operations
Director of Wastewater Operations
Director of Wastewater Operations
Director of Wastewater Operations
Director of Wastewater Operations
Director of Wastewater Operations
LUEG Program Manager
Environmental Regulatory Compliance Officer
collections supervisor
Senior utility
Senior Utility
Senior Utility
Utlity Supervisor
Utility Supervisor
Utility Supervisor
Utility Supervisor
Water Utilities Division Manager
Utility Supervisor
Utility Supervisor
Utility Supervisor
Utility Supervisor
Utility Supervisor
Utility Supervisor
Utility Supervisor
Environmental Regulatory Compliance Officer
Utility Supervisor
Utility Supervisor
Env/Reg Compliance Officer
Utility Supervisor
Senior Utility
Senior Utility
Senior Utility
Senior Utility
Senior Utility
Senior Utility
Senior Utility Worker
Senior Utility Worker
Senior Utility Worker
Water Utilities Division Manager
Senior Utility Worker
Utility Supervisor
Utility Supervisor
Utility Supervisor
Utility Supervisor
Utility Supervisor
Utility Supervisor
Utility Supervisor

	11:15 AM	826828
	1605	240754
	1245	446796
	1236	735307
Irvine, ca		111100
Irvine, ca		333583
Irvine, ca		252767
Irvine, ca		372676
Irvine, ca		397215
Irvine, Ca		565624
Irvine, ca		166987
Irvine, Ca		307270
Irvine, CA		675460
San Diego, CA		546485
City of Oceanside		967978
office		409850
City of Oceanside		364428
City of Oceanside		570295
City of Oceanside		983970
City of Oceanside		924702
City of Oceanside		489512
City of Oceanside		536457
City of Oceanside		250186
City of Oceanside		128896
City of Oceanside		620814
City of Oceanside		397876
City of Oceanside		364470
City of Oceanside		493307
City of Oceanside		678802
City of Oceanside		268032
City of Oceanside		141112
City of Oceanside, CA		841548
City of Oceanside		301260
City of Oceanside		978644
Oceanside, CA		563687
City of Oceanside		342523
City of Oceanside		360299
City of Oceanside		745117
City of Oceanside		947177
City of Oceanside		589587
City of Oceanside		609302
City of Oceanside		336122
City of Oceanside		467118
City of Oceanside		222887
City of Oceanside		852363
San Luis Rey WWTP		551584
City of Oceanside		303533
City of Oceanside		959063
City of Oceanside		906581
City of Oceanside		878298
City of Oceanside		154617
City of Oceanside		413879
City of Oceanside		721923
City of Oceanside		342189

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

Category 3		450	450
Category 1		300	250
Category 1	100	200	200
Category 3	10	20	20
Category 3	100	100	100
Category 1		50	0
Category 1		1050	300
Category 1		12600	1000
Category 1		450	0
Category 1		50	45
Category 1		18540	8000
Category 1		1730	1450
Category 1		33000	24750
Category 3		50	50
Category 1		850	300
Category 2		28000	28000
Category 1		600	400
Category 1		290	175
Category 3		480	480
Category 3		800	800
Category 1		33500	32900
Category 1		17000	16000
Category 1		2100	1500
Category 3		100	0
Category 1		420	0
Category 1		61	0
Category 1		30	0
Category 3		100	100
Category 3		550	550
Category 1		335	105
Category 1		500	350
Category 1		720	560
Category 1		105000	84000
Category 1		450	450
Category 1		300	250
Category 3		135	135
Category 1		200	0
Category 2		25000	25000
Category 1		532	400
Category 1		1000	400
Category 1		280	0
Category 1		440	0
Category 1		600	400
Category 3		150	0
Category 1		240	0
Category 2		22500	0
Category 3		50	49
Category 1		625	0
Category 2		40000	40000
Category 1		5500000	0
Category 1		19800	19500
Category 1		450	0
Category 1		4000	4000
Category 3		245	200
Category 3		225	200

0	No	No
50	Yes	Yes
100	Yes	No
0	No	Yes
0	No	No
50	Yes	Yes
750	Yes	Yes
11600	Yes	Yes
450	Yes	Yes
5	No	Yes
10540	Yes	Yes
280	Yes	Yes
8250	Yes	Yes
0	No	No
550	No	Yes
0	Yes	No
200	Yes	Yes
115	No	Yes
	No	No
	No	No
600	Yes	No
1000	Yes	Yes
600	No	Yes
0	No	No
420	Yes	Yes
1	No	Yes
30	No	Yes
0	No	Yes
0	No	No
230	Yes	Yes
75	No	Yes
160	No	Yes
21000	Yes	No
5	No	Yes
50	No	Yes
0	No	Yes
200	No	Yes
0	No	No
132	No	Yes
600	Yes	Yes
280	No	Yes
440	No	Yes
200	Yes	Yes
0	No	Yes
240	Yes	Yes
0	No	No
0	No	Yes
625	Yes	Yes
0	No	No
5500000	Yes	No
300	Yes	No
450	No	Yes
4000	Yes	No
0	No	No
0	No	Yes

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

Jeffery Avenue
1487 Industrial x Andreasen
541 W 15th Ave Escondido, CA
2861 East Valley Parkway
710 E. 7th Ave.
Parkwood St. and Jeronimo Dr. (easement)
22581 Costa Balla Dr. Lake Forest Ca. 92630
25652 Old Trabuco Rd. Lake Forest Ca.
Old Trabuco Rd and Treeshade Lane
Los Alisos RP Construction Bypass
Easement behind 24951 Valley View Terrace, Lake Forest, Ca
Sharmila and Orchard Rim
Creek Easement at Toledo Way and Elkwood
Barton Street
Julian Main Street
El Camino Real & Industry ST
Oceanside / upper valley
Oceanside Blvd.
City of Oceanside
City of Oceanside
City of Oceanside
el camino real & industry street
City of Oceanside
City of Oceanside
Manhole at 3760 Vista Way
CITY OF OCEANSIDE
CITY OF OCEANSIDE
CITY OF OCEANSIDE
City of Oceanside
City of Oceanside
CITY OF OCEANSIDE
City of Oceanside
City of Oceanside
City of Oceanside
City of Oceanside
Vandergrift and Castellano
City of Oceanside
City of Oceanside
City of Oceanside
City of Oceanside
City of Oceanside
City of Oceanside
City of Oceanside
City of Oceanside
City of Oceanside
City of Oceanside
Douglas Dr., Oceanside, Ca
City of Oceanside
City of Oceanside
City of Oceanside
City of Oceanside
City of Oceanside
City of Oceanside
City of Oceanside (Loretta lift station)
City of Oceanside

33.12577	-117.04771	San Diego
33.279167	-117.166667	San Diego
33.181667	-117.116667	San Diego
33.245833	-117.068333	San Diego
33.1202733	-117.0698993	San Diego
33.6385	-117.668794	Orange
33.635106	-117.693528	Orange
33.644722	117.683056	Orange
33.648679	-117.686368	Orange
33.64103	-117.721393	Orange
33.641015	-117.693697	Orange
33.652744	-117.680533	Orange
33.655	117.690556	Orange
33.628481	-117.712951	Orange
33.068056	-116.602639	San Diego
33.19952	117.33085	San Diego
33.2507	117.31463	San Diego
33.22201	117.26397	San Diego
33.18459	117.34386	San Diego
33.18459	117.34386	San Diego
33.19951	-117.33074	San Diego
33.19951	-117.33074	San Diego
33.19532	-117.29324	San Diego
33.18532	-117.32314	San Diego
33.1833	117.299722	San Diego
33.20957	-117.28557	San Diego
33.19739	-117.35041	San Diego
33.18578	-117.34403	San Diego
33.2096	-117.35358	San Diego
33.20811	-117.38474	San Diego
33.19679	-117.37912	San Diego
33.21797	-117.32945	San Diego
33.19368	117.35563	San Diego
33.22307	-117.26758	San Diego
33.18419	-117.34436	San Diego
33.26488	117.29753	San Diego
33.18481	-117.32394	San Diego
33.3925	117.5725	San Diego
33.372778	117.506944	San Diego
33	117	San Diego
33.379722	-117.542778	San Diego
33.349722	-117.503889	San Diego
33.18052	-117.29605	San Diego
33.340556	-117.470833	San Diego
33.379722	-117.542778	San Diego
33.379722	-117.542778	San Diego
33.230934	-117.325706	San Diego
33.379722	-117.542778	San Diego
33.379722	-117.542778	San Diego
33.365833	-117.542778	San Diego
33.24711	-117.33135	San Diego
33.20196	-117.36901	San Diego
33.23599	-117.3013	San Diego
33.20914	-117.37645	San Diego
33.20761	-117.38539	San Diego

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Spill was within the house and their property

City mainline manhole
Easement behind Parkwood St.

IRWD manhole number 194S-0015

Located in a nature walking trail behind the housing tract in the Woods area of Lake Forest.

Two manholes located in creek easement south of Toledo Way and Elkwood in Lake Forest.

200' south of Sprinter R/R tracks in south bound lanes of El Camino Real in the bike lane.
Sewer easement / manhole
Easement manhole in backyard
City of Oceanside
Fire mountain area
El Camino Real at the railroad tracks.
100' south of the railroad tracks on el camino
City line / sewer manhole
El Camino Country Club
Manhole overflow at 3760 Vista Way
SEWER EASEMENT

Inbetween Oceanside Blvd. and RR tracks.
Sewer manholes

intersection of Vandergrift and Castellano

Open field off of Mission ave.
Sewer easement
Oceanside Harbor
Near Harvard area
Goat Hill Golf Course
College Blvd. in front of 7-11 by Mossy Nissan.

Syphon
Intersection of Douglas Dr. and El Camino Real in Oceanside
City of Oceanside
Sewer Manhole at the end of culdesac.
Haymar easement that paralles the 78 Freeway
24 FM broke inside of San Luis Rey Treatment Plant
City main
Two City sewer manholes

Sewer manhole and damage to private residence

1
1
1

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

Spill was in their house, initially our on call person thought it was just a private lateral issue, until a plumber came out Mo

A small leak identified on a coupler during construction bypass operations

Easement manhole in backyard

FOUR RETAIL SHOPS
Sewer easement
City Land Outfall Pipeline

Sewer air valve
Easement manhole
2 Manholes

Sewer manhole

Spilled to roadway

Broken 15 inch VCP gravity main with liner
24 Techite FM pipe

Pump station overflow line
Sewer manhole and damage to private residence

Building or structure
Separate storm drain;Street/curb and gutter
Separate Storm Drain
Separate Storm Drain

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

Dirt area

Spill contained with preplaced sand bags at the storm drain catch basin
Final destination was the San Diego Creek

Contained at the creek catch basin located between north of the 5 Freeway and the south end of Whatney street in Lake I

While the spill entered a storm drain channel, all 28,000 gallons was recovered from the channel by berming off the chan
Flood channel

Full recovery
Full recovery

Golf course fairway (soaked into soil)
Spill traversed over steep embankment to ravine that eventually leads to receiving waters.

FULL RECOVERY
Full recovery

Canyon / high brush
Total unrecovered spill of 21,000 gallons went into open flood channel, Loma Altra Creek then into Pacific Ocean. 84,00
Full recovery

Fully recovered.
Spill went into nearby storm drain which travels under the 78 freeway and discharges into reeds with little access.
Full recovery - contained in field
Soaked into soil / small private drain system
Oceanside Harbor / Pacific Ocean
South side of highway 78, down off side of hill with no vehicle access.
Soaked into soil in canyon.
Spilled into Buena Vista Creek

At the Syphon, there is a sewer vault that has an overflow. The overflow discharges into a nearby canyon. The canyon wa

Spill went into storm drain system and ended up in private golf course ponds
Full Recovery
Pipe broke in Buena Vista Creek, which went into Buena Vista Lagoon, and then entered the Ocean.
San Luis Rey River
Spill entered a nearby storm drain which daylights down into a canyon with no human or vehicle access.
Full recovery
Dirt field
Recovered 200 gallons / 25 gallons into soil

2/28/2013 14:30	3/2/2013 6:50	3/2/2013 8:00	3/4/2013 16:20
3/29/2013 0:00	3/29/2013 8:00	3/29/2013 8:15	3/29/2013 9:00
10/16/2013 10:00	10/16/2013 10:00	10/16/2013 10:15	10/16/2013 10:30
10/16/2013 14:00	10/16/2013 14:00	10/16/2013 14:10	10/16/2013 14:15
11/16/2013 12:00	11/16/2013 13:04	11/16/2013 13:08	11/16/2013 13:48
11/8/2007 6:30	11/12/2007 8:30	11/12/2007 9:00	11/8/2007 7:00
12/3/2007 6:42	12/3/2007 6:52	12/3/2007 7:30	12/3/2007 7:52
1/1/2008 6:00	1/1/2008 12:18	1/1/2008 12:40	1/1/2008 13:05
1/4/2008 8:45	1/4/2008 9:15	1/4/2008 9:43	1/4/2008 9:15
4/7/2008 15:05	4/7/2008 15:05	4/7/2008 15:05	4/7/2008 15:20
6/18/2008 7:30	6/18/2008 18:30	6/18/2008 19:00	6/18/2008 20:30
9/18/2008 19:23	9/18/2008 19:23	9/18/2008 20:06	9/18/2008 22:15
12/21/2008 11:13	12/21/2008 11:13	12/21/2008 11:30	12/21/2008 14:00
7/8/2013 12:15	7/8/2013 12:20	7/8/2013 12:45	7/8/2013 12:55
4/11/2008 9:30	4/11/2008 9:30	4/11/2008 11:00	4/11/2008 11:15
1/7/2007 22:00	1/7/2007 22:00	1/7/2007 22:20	1/7/2007 23:20
3/3/2007 20:40	3/3/2007 20:40	3/3/2007 21:05	3/3/2007 21:20
3/31/2007 9:50	3/31/2007 10:05	3/31/2007 10:15	3/31/2007 10:30
4/15/2007 10:30	4/15/2007 10:30	4/15/2007 10:45	4/15/2007 11:02
4/22/2007 9:08	4/22/2007 9:08	4/22/2007 9:20	4/22/2007 9:48
6/6/2007 22:10	6/6/2007 22:10	6/6/2007 22:25	6/6/2007 22:50
6/20/2007 21:05	6/20/2007 21:25	6/20/2007 21:05	6/20/2007 21:25
6/22/2007 20:50	6/22/2007 20:50	6/22/2007 21:10	6/22/2007 21:50
7/18/2007 10:20	7/18/2007 10:20	7/18/2007 10:30	7/18/2007 10:40
8/21/2007 7:50	8/21/2007 8:11	8/21/2007 8:00	8/21/2007 8:11
8/28/2007 19:59	8/28/2007 19:59	8/28/2007 20:14	8/28/2007 21:00
9/23/2007 12:40	9/23/2007 13:00	9/23/2007 13:00	9/23/2007 13:40
10/18/2007 10:10	10/18/2007 10:10	10/18/2007 10:20	10/18/2007 10:30
10/23/2007 11:37	10/23/2007 11:37	10/23/2007 11:42	10/23/2007 11:48
11/4/2007 11:40	11/4/2007 11:40	11/4/2007 12:00	11/4/2007 12:47
12/3/2007 12:10	12/3/2007 12:10	12/3/2007 12:22	12/3/2007 12:35
1/8/2008 11:45	1/8/2008 11:45	1/8/2008 11:55	1/8/2008 13:15
2/2/2008 7:00	2/2/2008 7:00	2/2/2008 7:15	2/2/2008 9:20
3/26/2008 19:10	3/26/2008 19:10	3/26/2008 19:20	3/26/2008 20:00
6/12/2008 8:00	6/12/2008 8:00	6/12/2008 8:12	6/12/2008 8:20
8/6/2008 13:10	8/6/2008 13:10	8/6/2008 13:20	8/7/2008 13:55
10/26/2008 18:00	10/26/2008 18:00	10/26/2008 18:15	10/26/2008 18:20
1/24/2009 0:00	1/24/2009 10:45	1/24/2009 11:00	1/24/2009 11:35
2/1/2009 0:00	2/1/2009 20:00	2/1/2009 20:20	2/1/2009 21:16
2/25/2009 0:00	2/25/2009 6:34	2/25/2009 7:10	2/25/2009 8:14
4/6/2009 0:00	4/6/2009 7:42	4/6/2009 7:55	4/6/2009 8:10
6/15/2009 0:00	6/15/2009 9:48	6/15/2009 10:00	6/15/2009 10:10
9/3/2009 0:00	9/3/2009 7:20	9/3/2009 7:35	9/3/2009 8:00
12/10/2009 0:00	12/10/2009 12:05	12/10/2009 12:18	12/10/2009 12:35
12/12/2009 0:00	12/12/2009 17:07	12/12/2009 17:27	12/12/2009 17:55
1/21/2010 0:00	1/21/2010 11:20	1/21/2010 11:30	1/21/2010 13:50
1/26/2010 0:00	1/26/2010 8:30	1/26/2010 9:00	1/26/2010 7:01
2/20/2010 0:00	2/20/2010 9:40	2/20/2010 9:55	2/20/2010 10:05
12/22/2010 0:00	12/22/2010 7:40	12/22/2010 7:40	12/22/2010 10:50
12/23/2010 0:00	12/28/2010 9:30	12/28/2010 9:30	12/28/2010 11:00
1/14/2011 0:00	1/14/2011 4:00	1/14/2011 4:00	1/14/2011 15:00
4/16/2011 0:00	4/16/2011 17:15	4/16/2011 17:35	4/16/2011 18:00
8/10/2011 0:00	8/10/2011 21:00	8/10/2011 21:10	8/10/2011 21:40
9/4/2011 9:21	9/4/2011 9:21	9/4/2011 9:35	9/4/2011 10:10
9/30/2011 0:00	9/30/2011 20:45	9/30/2011 21:05	9/30/2011 21:30

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

SAND FOR A WATER MAIN FAILURE.

Roots and Grease Deposition FOG
We are unable to determine the exact cause of the spill at this time. The area was inspected using a cctv unit and there w
Leak in the coupler located on the sewage bypass system

Vandalism caused the sewer blockage. Staff found three large rocks, one of them the size of a bowling ball, fresh green

Combination of debris and grese deposition.
Contractor was diging bore pit for force main replacment and hit existing 14 force main.

RV sewer discharge hose stuck in city line.
Sewer discharge hose from RV vehicle stuck in city line
Contractor hit 14 force main
Contractor installing a new sewer force main hit the old active force main as he was potholing to find it location.

ROOTS IN SEWER MANHOLE ON EASEMENT

Dog hair, pet toys, collar (Humane Society)

GREASE, RAGS, ROOTS

RV dump hose
Small amount of roots with a large amount of rags
street was overlaid some time ago and some lose asphalt fall in to channel and backed the line up.
Rags and debris
Airplane crash
Manhole had heavy root intrusion which caused the main to back-up.
Blockage in City main due to grease from nearby restaurants.
Large amount of rags

Unknown - never saw what caused obstruction

Large storm with heavy rain fall, inundated sewer system.
Biosolids overflowed hauling trailer due to excess liquid in trailer.

Large storm with heavy rains and local flooding overcame sewer lift station until rains subsided and normal flow was restc
Exposed 15 inch clay pipe with liner blew out in creek bed.
24 FM break

Heavy amounts of grease
Pumps and Scada failed

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

Main
Other (specify below)

Main

Main
Main

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

From private clean out.
Private Clean out

Contractor temp trunk sewer by-pass line leaked during by-pass operations for a new trunk line installation.
A lockable manhole cover was removed by vandalis and large rocks in the range of 6 -8 were dropped into the manhole

Airplane broke a 4 inch sewer relief valve upon impact
Easement manhole
8 inch City main

City gravity line.

Spill came from hauling truck exiting wwtp in transit to disposal site.

VCP gravity main with liner separated in creek.
Force main inside of San Luis Rey Treatment Plant before the headworks.

Small sewer lift station

No		
No		
No		
	8	clay
	8	clay
	10	Clay
	8	vcp
causing a blockage.	10	vcp
	15	VCP
	10	VCP
	14	D.I.P
	8	VCP
	8	pvc
	8	VCP
	8	VCP
		DIP
	10	VCP
	8	VCP
	8	
	8	VCP
	8	VCP
	8	VCP
	8	VCP
	8	VCP
	6	VCP
	8	VCP
	24	DIP
	8	VCP
	8	VCP
	8	pvc
		VCP
	4	na
	8	pvc
	8	VCP
	8	VCP
		VCP
	8	CIP
	8	VCP
	8	VCP
	12	AC
	10	VCP
	18	vcp
	15	VCP
	24	FRP
	6	VCP
	8	VCP
	8	VCP

1976
36
1981
30

1971

1975
1978
1988
1989
1989
1975

1973
1964

1977
1954
1968
1959
1970
1913
1963
1975
1980
1968
8
1959

1961
1971
1954
1972
1954
1961
1968

1973
1980
1961
1972
1948
1976

1970

Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-Up;Mitigated Effects of Spill;Contained all or portion of spill;Returned All Spill to Sanitary Sewer System;Propert

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

On 12/21/2008 at 11:13 AM, a resident notified the District of the overflowing manholes. At 11:30 AM, District's Staff star

Full recovery

Full recovery

Jetted line / restored flow. No access to spill.

Monitored spill and destination until flow returned to normal.

Temporarily bypassing flow into neighboring City line.
Made proper repairs to FM

Pumps were put back on line and return station wet well to normal levels.
Recovered 200 gallons / 25 gallons into soil

3/29/2013 15:00
10/16/2013 11:00

11/12/2007 9:00
12/3/2007 12:00
1/2/2008 14:00
1/4/2008 14:30
4/7/2008 16:17
6/19/2008 15:00
9/19/2008 1:00
12/22/2008 12:00

4/11/2008 15:00
1/8/2007 5:30
3/4/2007 2:00
3/31/2007 13:00

6/7/2007 12:10
6/21/2007 7:00
6/23/2007 9:00

8/21/2007 8:30
8/29/2007 11:30
9/23/2007 14:00
10/18/2007 10:50

11/4/2007 14:00
12/3/2007 14:00
1/8/2008 14:00
2/3/2008 3:00
3/27/2008 11:30
6/12/2008 10:20

10/26/2008 20:30
1/24/2009 16:00
2/2/2009 16:00
2/25/2009 10:30
4/6/2009 10:30
6/15/2009 11:30
9/3/2009 10:00
12/10/2009 1:05
12/12/2009 18:10
1/21/2010 16:00
1/26/2010 10:30
2/20/2010 10:15
12/22/2010 17:45
12/28/2010 16:00
1/14/2011 17:00
4/16/2011 19:00
8/11/2011 15:00

10/1/2011 10:00

Other (specify below)
Added sewer to preventive maintenance program

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

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

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

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

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

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

Added sewer to preventive maintenance program

rod and vactor line

Inspected the sewer section using a cctv unit, the sewer line was cleaned and returned to normal operation. F.O.G. admir
Repaired coupler on bypass piping
Sewer manholes had locking manhole covers and have all been inspected in the area to ensure that there are no more va

The District currently has locking manhole covers within the creek's sewer easement.

Plan to TV line segments to determine structural integrity and repair if needed.

Dropped 200 Lbs of chlorine tabs in area
CCTV

MADE ENTRIES INTO MANHOLES ON EASEMENT TO CLEAR ROOTS CAUSING PROBLEM.
SCHEDULED TO BE TELEVISED

Design and specifications for a replacement pipeline is at 99%. Project is a top priority.
Investigating possible RV hose entry points
Need to TV line to see what is causing rags to collect in specific section of line.

Thoroughly clean area
Repair air vac
Repair mahole in question
Industrial waste inspector called to investigate

Televise line / adjust maintenance schedule

Scheduled CCTV
Scheduled CCTV
Inspection of area flows during wet weather and dry conditions
Mechanical failure caused dewatered sludge to be too low in percent solids content. Truck was not able to contain this un
jetted line really good and dropped 100 lbs. of chlorine
Spill was fully contained and complete recovery was achieved after heavy rains had past.
Pipe has been in the works for re-alignment for years. 100% designed and just waiting for the proper permits.

No
No

No
No
Yes
No
No
Yes
No
Yes

No
No
No
No

No
No
No

No
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
No

No

There were no signs of fecal matter or waste tissue from the spill in the creek adjacent to the spill.

At 8:00 AM 12/22/2008, staff sampled the creek for DO's at several locations from the spill location down to the creek's c

NA

N/A

Minimal - no human contact
recovered most of the spill that was contained around the railroad tracks and in the loma alta creek

NA

n/a

No
No No

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

No
No
Yes
Yes
No
No
No
No
No
No
No
No
No
Yes
No
No
No

No

NA
na
NA
N/A
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N/A
NA

NA
N/A
N/A

NA
N/A
N/A

NA
N/A
NA
NA

NA
NA
n/a
Buccaneer Beach
N/A
NA

NA
na
na
NA
NA
NA
NA
NA
NA
NA
NA
NA
n/a
South Oceanside / St. Malo

N/A

N/A

N/A
escondido creek

San Diego Creek
Canada Channel
At this time IRWD and orange county health could not determine surface water was impacted.
Serrano Creek
San Diejo Creek Channel
San Diego Creek
Serrano Creek
San Diego Creek
N/A

NA
N/A
N/A

Loma Alta Creek
Loma Alta creek
N/A

Buena Vista Creek
N/A
NA
NA

San Luis Rey
NA
n/a
Loma Alta Creek and Pacific Ocean
N/A
NA

NA
na
na
Oceanside Harbor / Pacific Ocean
NA
NA
Buena Vista Creek
NA
NA
NA
NA
NA
n/a
Buena Vista Creek, Buena Vista Lagoon, Pacific Ocean
Pilgrim Creek Flood Channel / San Luis Rey River
N/A
Flood channel
N/A
N/A

No water quality samples taken
No water quality samples taken

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

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
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
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
Not applicable to this spill
Not applicable to this spill
Not applicable to this spill
Not applicable to this spill
Other (specify below)
Not applicable to this spill
Not applicable to this spill
Not applicable to this spill

Not applicable to this spill

Bac-T, BOD, TSS, DO's

Keep Out signs were posted at Buccaneer Beach for 72 hours as per SD County DEH.

Routine samples were taken on Monday; Dec. 27th along the beach. Samples were also taken on Dec. 30th and 31st in r

None of the above
No water quality samples taken

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

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

Not applicable to this spill
None of the above
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
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
Not applicable to this spill
Not applicable to this spill
Not applicable to this spill
Not applicable to this spill
No water quality samples taken
Not applicable to this spill
Not applicable to this spill
Not applicable to this spill
Not applicable to this spill
County Health Agency
Not applicable to this spill
Not applicable to this spill
Not applicable to this spill

Not applicable to this spill

All samples taken were maxed due to the heavy rain event.

Watching flow out of clean out

131911	3/29/2013 13:00
76965	11/12/2007 13:00
77452	12/3/2007 9:58
80005	1/1/2008 13:12
80062	1/4/2008 10:50
82623	4/7/2008 16:13
84338	6/18/2008 19:25
86828	9/18/2008 22:50
89063	12/21/2008 15:43
134214	7/8/2013 13:05
82727	4/11/2008 14:00
70141	1/8/2007 3:10
	4/15/2007 14:15
73443	6/7/2007 4:07
73737	6/21/2007 1:42
73784	6/23/2007 0:06
81014	2/2/2008 10:48
84180	6/12/2008 9:16
85702	8/6/2008 14:26
87727	10/26/2008 19:34
90737	1/24/2009 13:22
90952	2/1/2009 22:32
91636	2/25/2009 9:12
92775	4/6/2009 10:16
94354	6/15/2009 11:15
96104	9/3/2009 9:18
98250	12/10/2009 14:16
98293	12/12/2009 18:54
100538	1/21/2010 14:17
100684	1/26/2010 10:15
101297	2/20/2010 10:39
107776	12/22/2010 13:33
107914	12/28/2010 15:50
110253	1/14/2011 5:00
112417	4/16/2011 19:00
114761	8/10/2011 22:42
115254	9/4/2011 11:35
115825	9/30/2011 22:50

Brad Lesperance	7608394255
Joe Sanchez	7608394668
Lance Lauricha	7608394347

9SSO10674	Active	777830	Mike Dumas	Certified
9SSO10674	Active	778837	Mark Hammond	Certified
9SSO10674	Active	781991	Jeremy Kemp	Certified
9SSO10674	Active	782369	Mike Dumas	Certified
9SSO10674	Active	782942	Mike Dumas	Certified
9SSO10674	Active	783478	Jeremy Kemp	Certified
9SSO10674	Active	785277	Mike Dumas	Certified
9SSO10674	Active	785567	Jeremy Kemp	Certified
9SSO10674	Active	785615	Jeremy Kemp	Certified
9SSO10674	Active	787373	Jeremy Kemp	Certified
9SSO10674	Active	788031	Jeremy Kemp	Certified
9SSO10674	Active	788880	Jeremy Kemp	Certified
9SSO10674	Active	791749	Jeremy Kemp	Certified
9SSO10674	Active	792119	Jeremy Kemp	Certified
9SSO10674	Active	792688	Jeremy Kemp	Certified
9SSO10674	Active	798608	Jeremy Kemp	Certified
9SSO10674	Active	801096	Jeremy Kemp	Certified
9SSO10675	Active	711530	Richard Beath	Certified
9SSO10675	Active	723663	Richard Beath	Certified
9SSO10675	Active	734864	Richard Beath	Certified
9SSO10675	Active	780732	Richard Beath	Certified
9SSO10675	Active	789442	Richard Beath	Certified
9SSO10676	Active	646834	George R. Arrant	Certified
9SSO10676	Active	657742	Corey Harrell	Certified
9SSO10676	Active	712352	Corey Harrell	Certified
9SSO10676	Active	733475	George R. Arrant	Certified
9SSO10676	Active	733960	George R. Arrant	Certified
9SSO10676	Active	758985	George R. Arrant	Certified
9SSO10676	Active	759832	George R. Arrant	Certified
9SSO10676	Active	759833	George R. Arrant	Certified
9SSO10676	Active	759834	George R. Arrant	Certified
9SSO10676	Active	760348	George R. Arrant	Certified
9SSO10676	Active	772185	Corey Harrell	Certified
9SSO10676	Active	781075	Corey Harrell	Certified
9SSO10676	Active	786481	Corey Harrell	Certified
9SSO10676	Active	799182	Braden McCrory	Certified
9SSO10676	Active	799388	Braden McCrory	Certified
9SSO10678	Active	706862	Brad Bruington	Certified
9SSO10678	Active	707978	Brad Bruington	Certified
9SSO10678	Active	730945	Brad Bruington	Certified
9SSO10678	Active	734730	Brad Bruington	Certified
9SSO10678	Active	735384	Brad Bruington	Certified
9SSO10678	Active	737897	Brad Bruington	Certified
9SSO10678	Active	746775	Brad Bruington	Certified
9SSO10678	Active	757102	Brad Bruington	Certified
9SSO10678	Active	760465	Brad Bruington	Certified
9SSO10678	Active	767606	Brad Bruington	Certified
9SSO10678	Active	780710	Brad Bruington	Certified
9SSO10678	Active	794520	Brad Bruington	Certified
9SSO10678	Active	794561	Brad Bruington	Certified
9SSO10679	Active	647308	Gary Stalker	Certified
9SSO10679	Active	712334	Gary Stalker	Certified
9SSO10679	Active	725172	Gary Stalker	Certified
9SSO10680	Active	647104	Paul Clarke	Certified
9SSO10680	Active	715239	Paul Clarke	Certified

Senior Utility Worker
Compliance Officer
Utility Supervisor
Senior Utility Worker
Senior Utility Worker
Utility Supervisor
Senior Utility Worker
Utility Supervisor
Utility Supervisor
Utility Supervisor
Utility Supervisor
Utility Supervisor
Utility Supervisor
Utility Supervisor
Utility Supervisor
Utility Supervisor
Utility Supervisor
Chief Plant Operator
Wastewater System Supervisor
Wastewater Systems Supervisor
Wastewater Supervisor
Supervisor
O & M Manager
Systems Collection Supervisor
Systems Collection Supervisor
O&M Manager
O&M Manager
O&M Manager
O&M Manager
O&M Manager
O&M Manager
O&M Manager
Systems Collection Supervisor
Systems Collection Supervisor
Systems Collection Supervisor
Vallecitos Water District Systems Collection Department Supervisor
Systems Collection Supervisor
Superintendent
Superintendent
Superintendent
Superintendent
Superintendent
Superintendent
Superintendent
Superintendent
Superintendent
Superintendent
superintendent
Superintendent
Superintendent
System Operations Manager
System Operations Manager
System Operations Manager
Operations Manager
Operations Manager

City of Oceanside		242512
SLR WRF		189038
City of Oceanside		891416
	9:04 AM	835090
	6:51 AM	474619
City of Oceanside		805492
10:28am		891350
City of Oceanside		775923
City of Oceanside		607695
City of Oceanside		778778
City of Oceanside		605819
City of Oceanside		423786
City of Oceanside		249275
City of Oceanside		754645
City of Oceanside		446834
City of Oceanside		752364
City of Oceanside		283929
	1/22/2008	218514
	1546	442327
	12/6/2010	661714
	1126	640417
	1524	531376
	1403	815581
Vallecitos Water District		369050
Vallecitos Water District		705606
201 Vallecitos De Oro		685087
201 Vallecitos De Oro		318690
201 Vallecitos De Oro		961750
201 Vallecitos De Oro		215465
201 Vallecitos De Oro		183342
201 Vallecitos De Oro		887516
201 Vallecitos De Oro		863265
201 Vallecitos de Oro, San Marcos, CA 92069		117546
201 Vallecitos de Oro, San Marcos, CA 92069		506162
201 Vallecitos de Oro, San Marcos, CA 92069		673540
201 Vallecitos de Oro, San Marcos Ca 92069		719110
201 Vallecitos de Oro, San Marcos Ca 92069		961358
Laguna Hills, CA		515274
Laguan Hills		158763
Laguna Hills, CA		328328
Laguna Hills, CA		669602
Laguna Hills, CA		220850
Laguna Hills, CA		729167
Laguna Hills, Ca		580644
Laguna Hills, Ca		498800
Laguna Hills, CA		743919
Laguna Hills, Ca		498314
Laguna Hills		802795
Laguna Hills, CA		431177
Laguna Hills, Ca		556852
0757 hours		387353
0941 hours		893908
	11:03 AM	765020
Santee Ca		388553
Santee CA		608198

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

Category 1		1710	960
Category 3		123	0
Category 1		530	0
Category 3		182	110
Category 1		750	100
Category 1		900	750
Category 1		64	0
Category 1		300	0
Category 1		300	100
Category 1		720	0
Category 1		885	0
Category 1		1500	1300
Category 1		13050	12000
Category 1		4500	200
Category 1		1000	500
Category 3	300	300	0
Category 1	3000	11400	0
Category 3		150	0
Category 3		50	0
Category 3		40	30
Category 3		400	50
Category 1		900	200
Category 3		37	
Category 3		7	7
Category 3		7	1
Category 3		4	4
Category 3		15	0
Category 1		1160	1160
Category 3		46	46
Category 1		1500	0
Category 1		6080	0
Category 1		1650	1650
Category 3		258	258
Category 1		3450	3450
Category 3		30	30
Category 3	25	25	25
Category 3	320	320	0
Category 1		750	0
Category 1		400	0
Category 1		450	300
Category 1		25000	0
Category 1		750	0
Category 1		1800	500
Category 1		150	30
Category 1		1500	0
Category 1		6750	0
Category 1		350	50
Category 1		800	40
Category 3		25	25
Category 3		300	300
Category 1		100	0
Category 3		60	30
Category 3		25	25
Category 2		6000	6000
Category 3		2	2

750	Yes	No
0	No	Yes
530	Yes	No
0	No	Yes
650	Yes	No
150	Yes	Yes
64	No	Yes
300	Yes	Yes
200	Yes	Yes
720	No	No
885	Yes	No
200	Yes	Yes
1050	Yes	Yes
4300	Yes	Yes
500	No	Yes
0	No	No
8400	Yes	Yes
	No	No
0	No	No
0	No	Yes
0	No	No
700	No	Yes
	No	No
0	No	No
0	No	No
0	No	Yes
0	No	No
1160	Yes	Yes
0	No	Yes
1500	Yes	No
6080	Yes	No
1650	No	Yes
0	No	Yes
1350	Yes	Yes
0	No	No
0	No	No
0	No	No
750	Yes	Yes
400	Yes	Yes
150	Yes	Yes
25000	Yes	Yes
750	Yes	Yes
1300	Yes	Yes
120	Yes	Yes
1500	Yes	Yes
6750	Yes	Yes
300	Yes	Yes
760	Yes	Yes
0	No	No
0	No	No
100	Yes	Yes
	No	No
0	No	No
0	No	No
0	No	No

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

City of Oceanside
Manhole
City of Oceanside
sewer manhole on a private street
Chavez Middle School bathrooms
City of Oceanside
City of Oceanside
City of Oceanside
City of Oceanside
City of Oceanside
City of Oceanside
City of Oceanside
City f Oceanside
City of Oceanside
City of Oceanside
175 Edgewood Dr.
City of Oceanside
Meadows, Highline
Moss Tree Lane
Lower Moosa Canyon Reclamation Facility
Meadows Highline bottom manhole
Welk View Ct.
Sage Canyon Appartments
Intersection of Rancho Sante Fe Road and San Elijo Road
449 Deersprings Road
139 Gosnell Way
659 Olive Street
Intersection of Vineyard and Borden Road
Bel Espirit at Wendy Way
Acacia Drive in the canyon
East of Bent Avenue
700 S. Rancho Sante Fe Road
Mission Road East of Mulberry Drive
Grand Ave at Linda Vista Dr Easement Overflow
Currycomb Drive at Concha Lane
1641 Grand Ave. (Private Lateral)
Canyon View Glen (Multiple Manhole SSO
Los Arbolas & Niguel Rd
Alicia & Jeronimo
Via Fabricante
Esmeralda Easement
Crown Valley Manhole
La Paz-Chrisanta
Weatherwood
Niguel Rd Upper Salada Lift Station
North Aliso Lift Station
Tabuco-Los Alisos
Monarch Coast Apartments
Greenfield-Rancho Niguel
Greenfield Rancho Niguel Chase Bank
Fuerte Heights Lane
Russell Square Pump Station
Heatherwood Drive
Cottonwood 15 Trunk Sewer
1320 Somermont Drive

33.1917	-117.35496	San Diego
33.20536	-117.37166	San Diego
33.21542	-117.32278	San Diego
33.21029	-117.33143	San Diego
33.24319	-117.3004	San Diego
33.17761	-117.36627	San Diego
33.18317	-117.30151	San Diego
33.18648	-117.34512	San Diego
33.18596	-117.34394	San Diego
33.21106	-117.37575	San Diego
33.17949	-117.29192	San Diego
33.17973	-117.29481	San Diego
33.21541	-117.33821	San Diego
33.24967	-117.30131	San Diego
33.24173	-117.30062	San Diego
33.20383	-117.35793	San Diego
33.177222	-117.273056	San Diego
33.213611	117.125833	San Diego
33.213611	117.125833	San Diego
33.322222	-117.193611	San Diego
33.12851	-117.07431	San Diego
33.233376	-117.116913	San Diego
33.160556	117.317778	San Diego
33.09995	117.22219	San Diego
33.19054	117.14952	San Diego
33.145167	117.164306	San Diego
33.175706	117.140797	San Diego
33.150325	-117.155978	San Diego
33.153231	-117.166178	San Diego
33.130867	-117.221053	San Diego
33.133542	-117.179244	San Diego
33.132761	-117.20795	San Diego
33.145139	-117.149211	San Diego
33.140175	-117.186525	San Diego
33.154394	-117.192383	San Diego
33.145556	-117.199444	San Diego
33.168967	-117.133889	San Diego
33.520098	117.705702	Orange
33.615768	117.677039	Orange
33.620132	-117.684765	Orange
33.591628	-117.671155	Orange
33.561019	-117.670287	Orange
33.599592	-117.67185	Orange
33.528423	-117.688504	Orange
33.50565	-117.70808	Orange
33.621925	-117.685935	Orange
33.629664	-117.666299	Orange
33.493773	-117.718806	Orange
33.555017	-117.685727	Orange
33.555017	-117.685727	Orange
32.762753	-116.92931	San Diego
32.77	-116.97	San Diego
32.74143	116.91516	San Diego
32.842217	116.977993	San Diego
32.822661	-116.945716	San Diego

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Sewer manhole on an easement.
City manhole in public street. Gravity line.

The spill was out of a City manhole on a private street
Bathrooms / maintenance building floor drains spilled out over the basketball courts, the fields, and grass channel in Man
Private apartment complex
City Sewer Manhole in the apartment complex.
Blockage was in City main and spilling from sewer manhole.
City manhole
Loretta Lift Station
Sewer easement
City main - manhole in the center divide of College Blvd.
Station failure caused nearby neighborhood to surcharge and spill out of manholes in street.
Upper Valley
Cesar Chavez Middle School
Single family residence at 175 Edgewood - bedrooms and bathrooms
4700 Lake Blvd. - broken sewer force main.
Collection system line on district easement
On a easement, dirt road
Treatment Facility
District easment, dirt road

Manhole in planter area.
Manhole near street intersection.
Sewer was coming out of manhole with sewer water collecting in the dirt around the manhole.
The spill surfaced from a clean out in the cul de sac street called Gosnell. It then flowed down the curbline, entering the st
The spill location was on the dirt ground around the clean out in the South West corner of the property located at 659 Oliv
The spill location was from a manhole in the middle of the intersection of Vineyard Road and Borden Road onto a paved
The spill location was onto an asphalt road.
The spill location is an unpaved mixed terrain surface
The spill location was in a flat dirt/grass field.
The spill location was from a clean out in an asphalt driveway.
The spill location was from a manhole located in the eastbound No. 1&2 lanes of an asphalt street with a gentle southern
The spill location was from a manhole located in the back south east corner of a vacant dirt.
The spill location was from a private clean out in a planter area at the edge of the front yard near a sidewalk in front of 16
The spill location was a mostly flat planter covered with wood chips.
The spill location was from two manholes on an asphalt road, with a third manhole on an asphalt easement.

24 manhole, Northbound Alicia, lane 3, 100 yards North of Jeromino
manhole at low point of line - end of cul-de-sac
Easement manhole between Esmeralda cul-de-sac and I-5 freeway
manhole on 10 sewer line
On street and farm area of High School
manhole in intersection of Weatherwood/Hidden Hills
24 in manhole cover
Lift station wetwell
manhole in street
in front of E 9th (32426) inside apartment complex
manhole
Inside of Chase Bank (floor drains, toilets)

The Russell Square Pump Station collects sewer from only four homes. The discharge pipe from the #1 Pump had a 0.2
East-bound lane on Heatherwood Dr. at the intersection of Heatherwood Drive and Steele Canyon Road
Cottonwood trunk sewer running from Cottonwood Ave. to Cuyamaca St. behind Town Center Shopping Mall.
Manhole in front of 1320 Somermont Drive.

ce Buchanon Park.

2
1

torm drain throught the inlet along the cu
e Street
flat road.

slope towards the curb line.

16 Currycomb Drive.

1
3

5 inch hole in it (due to corrosion) that ca

Manhole
Gravity sewer;Manhole
Manhole
Gravity sewer;Manhole
Building or structure
Building or structure
Gravity sewer;Manhole
Manhole
Manhole
Force main or pressure sewer
Gravity sewer
Manhole
Manhole
Manhole
Building or structure;Manhole
Inside Building or Structure
Force Main
Gravity sewer
Gravity sewer
Building or structure
Gravity sewer;Manhole
Force main or pressure sewer
Manhole
Manhole
Manhole
Gravity sewer
Other sewer system structure
Gravity sewer;Manhole
Gravity sewer;Other (specify)
Manhole
Manhole
Building or structure;Other sewer system structure;Other (specify)
Manhole
Manhole
Other sewer system structure;Other (specify)
Lateral Clean Out (Private)
Gravity Mainline;Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Gravity sewer
Manhole
Manhole
Pump station
Manhole
Manhole
Manhole
Building or structure
Manhole
Pump station
Force main or pressure sewer
Gravity sewer
Manhole

Private apartment complex

Loretta lift station force main break
Hole in top of 14 DIP

3 Manholes
3 separate manholes
Manhole in front of School and School restrooms
Bathrooms in home
16inch sewer force main

Lateral

Spill was coming out of a manhole near street intersection.

The spill appearance point was from a clean out on the gravity sewer system.
The spill appearance point was at the clean out in the South west corner of the property located at 659 Olive Street.
The spill appearance point was from a manhole belonging to Vallecitos Water District.
The spill appearance point was from a clean out on a gravity sewer system belonging to Vallecitos Water District.
The spill appearance point was from a manhole belonging to Vallecitos Water District
The spill appearance point was from a manhole belonging to Vallecitos Water District.
The spill appearance point was from a private clean out in a private parkinglot caused from a blockage in a sewer main b
The spill appearance point was from a manhole belonging to the Vallecitos Water District.
The spill appearance point was from a manhole on a sewer line belonging to Vallecitos Water District.
The spill appearance point was from a private clean out, but was due to a blockage in the sewer line belonging to Vallecit
The spill appearance point was from a private clean out along the side of the business.
The spill appearance point had two (2) of three (3) manholes flowing. The third manhole was not spilling but showed sign

24 manhole

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

Spill entered brow ditch then entered the Loma Alta Creek. Inspected the mouth of creek - not entering the Pacific Ocean
Daylighted in inaccessible canyon.
Man-made pond at Emerald Isle Golf Course (Hole 10)
Possibly reached Garrison Creek , unable to locate disharge pipe due to heavy vegetation.
soaked into the grass and into large rock channel
Mouth of creek closed at beach - creek flow is diverted into La Salina Wastewater Plant and treated by UV building.
The spill was lost in the storm drain system with no access to the water it never came out of the pipe.

Spill went into storm drain - no signs of spill reaching lagoon.
Natural vegetation area off side of road
Entered Buena Vista Creek / Buena Vista Lagoon
Recovered 1,300 gals / lost 200 into Buena Vista Creek
Spill was over a large flat area. Initially it entered the storm drain system and then went into a long open flood channel wh
River bed / San Luis Rey River
Restrooms on school property and grassy area of school grounds as well as grass of Mance Buchanon Park.
Spill was contained inside home at 175 Edgewood - restoration company was on scene for clean-up
Lake Calaveras

Planted area east of parking lot.
The final destination was containment in sandbags along curbline for erosion control of new construction.
The final destination was the dirt surrounding the sewer manhole.
The final spill destination was along the street/curb and gutter ending up in the storm drain box
The final destination of the spill was the dirt around the clean out. It was unrecoverable because it soaked into the dirt.
The final spill destination was to an impoundment created by sandbag dam across San Marcos creek installed to collect a
The final spill destination was to a storm drain box about a quarter mile downstream of the spill site.
The final destination was to a small un-named creek flowing at the bottom of the canyon.
The final spill destination was to San Marcos Creek.
The final spill destination was to a storm drain channel that was blocked by using sand bags to create a dam before the st
The final spill destination was to the concrete curbline running down into a storm drain box.
The final spill destination was onto a dirt lot by the manhole which backs up to a storm drain channel. 1350 gallons flow
The final spill destination was to a dirt ditch at the end of the asphalt road.
The final spill destination was to a planter area covered with wood chips then crossing over a concrete sidewalk and finall
The final spill destination from the upper two manholes was along the curb and gutter into a seperate storm drain collecto

Oso Trabuco Creek
300 gals vacuumed into truck

San Juan Creek
Laguna Niguel Regional Park Lake

Cottonwood Trunk line runs east to west through a open field. The contractor built a containment basin around overflow, c

2/22/2012 0:00	2/22/2012 9:50	2/22/2012 9:50	2/22/2012 10:54
3/19/2012 18:24	3/19/2012 18:24	3/19/2012 18:45	3/19/2012 19:05
6/6/2012 0:00	6/6/2012 8:34	6/6/2012 8:50	6/6/2012 10:20
6/21/2012 0:00	6/21/2012 15:34	6/21/2012 15:40	6/21/2012 16:00
7/4/2012 0:00	7/4/2012 1:45	7/4/2012 2:00	7/4/2012 3:00
7/14/2012 0:00	7/14/2012 14:45	7/14/2012 15:10	7/14/2012 15:30
8/19/2012 0:00	8/19/2012 13:08	8/19/2012 13:21	8/19/2012 13:40
8/26/2012 0:00	8/26/2012 15:30	8/26/2012 15:55	8/26/2012 16:30
8/27/2012 0:00	8/27/2012 18:50	8/27/2012 19:07	8/27/2012 19:20
10/18/2012 22:30	10/19/2012 7:15	10/19/2012 7:30	10/19/2012 7:30
11/13/2012 0:00	11/13/2012 11:00	11/13/2012 11:00	11/13/2012 14:00
12/7/2012 0:00	12/7/2012 15:30	12/7/2012 15:42	12/7/2012 16:00
2/16/2013 0:00	2/16/2013 14:10	2/16/2013 14:25	2/16/2013 15:37
2/25/2013 0:00	2/25/2013 18:45	2/25/2013 19:05	2/25/2013 19:30
3/16/2013 0:00	3/16/2013 19:30	3/16/2013 19:50	3/16/2013 20:10
8/22/2013 9:49	8/22/2013 9:49	8/22/2013 10:02	8/22/2013 10:18
11/25/2013 8:42	11/25/2013 8:42	11/25/2013 9:00	11/25/2013 9:05
12/24/2007 7:00	12/24/2007 7:26	12/24/2007 7:46	12/24/2007 8:45
6/28/2008 7:40	6/28/2008 7:45	6/28/2008 8:30	6/28/2008 9:30
1/23/2009 0:00	1/23/2009 5:50	1/23/2009 5:50	1/23/2009 6:00
3/18/2012 10:33	3/18/2012 10:33	3/18/2012 10:33	3/18/2012 11:05
12/24/2012 0:00	12/24/2012 15:45	12/24/2012 16:05	12/24/2012 17:40
2/7/2007 12:10	2/7/2007 12:10	2/7/2007 12:10	2/7/2007 13:25
9/10/2007 13:35	9/10/2007 13:35	9/10/2007 13:35	9/10/2007 14:05
2/1/2008 12:30	2/1/2008 12:30	2/1/2008 12:30	2/1/2008 12:37
2/3/2009 12:00	2/3/2009 12:00	2/3/2009 12:00	2/3/2009 12:14
2/15/2009 16:27	2/15/2009 16:27	2/15/2009 16:27	2/15/2009 20:00
11/25/2010 0:00	11/25/2010 11:40	11/25/2010 11:40	11/25/2010 12:38
12/22/2010 0:00	12/22/2010 18:25	12/22/2010 18:25	12/22/2010 18:48
12/22/2010 0:00	12/22/2010 12:40	12/22/2010 12:40	12/22/2010 13:10
12/22/2010 0:00	12/22/2010 7:55	12/22/2010 7:55	12/22/2010 22:00
1/5/2011 0:00	1/5/2011 13:37	1/5/2011 13:37	1/5/2011 14:10
10/12/2011 17:40	10/12/2011 17:40	10/12/2011 17:40	10/12/2011 18:40
5/7/2012 0:00	5/7/2012 9:30	5/7/2012 9:30	5/7/2012 10:16
9/8/2012 12:15	9/8/2012 12:15	9/8/2012 12:15	9/8/2012 12:27
8/28/2013 17:45	8/28/2013 17:45	8/28/2013 17:45	8/28/2013 18:38
9/30/2013 16:47	9/30/2013 16:47	9/30/2013 16:47	9/30/2013 18:26
10/30/2007 8:56	10/30/2007 9:01	10/30/2007 9:05	10/30/2007 9:15
11/21/2007 7:30	11/21/2007 7:30	11/21/2007 7:50	11/21/2007 7:50
12/20/2008 0:00	12/20/2008 13:30	12/20/2008 14:00	12/20/2008 15:00
2/15/2009 0:00	3/6/2009 13:20	3/6/2009 14:00	3/6/2009 15:30
3/23/2009 0:00	3/23/2009 10:00	3/23/2009 10:20	3/23/2009 10:26
5/22/2009 0:00	5/22/2009 8:05	5/22/2009 8:20	5/22/2009 11:15
11/14/2009 0:00	11/14/2009 10:30	11/14/2009 10:40	11/14/2009 11:25
9/19/2010 0:00	9/19/2010 20:15	9/19/2010 20:15	9/19/2010 20:45
1/8/2011 0:00	1/8/2011 3:15	1/8/2011 3:15	1/8/2011 4:00
6/17/2011 0:00	6/17/2011 18:05	6/17/2011 18:55	6/17/2011 19:15
4/26/2012 0:00	4/26/2012 14:35	4/26/2012 14:50	4/26/2012 15:13
5/23/2013 15:23	5/23/2013 15:30	5/23/2013 15:00	5/23/2013 15:30
5/18/2013 8:45	5/18/2013 15:00	5/23/2013 15:23	5/23/2013 15:30
2/5/2007 9:58	2/5/2007 9:58	2/5/2007 10:30	2/5/2007 10:40
2/2/2008 21:30	2/2/2008 22:10	2/2/2008 22:20	2/2/2008 22:30
7/7/2008 9:30	7/7/2008 9:30	7/7/2008 9:30	7/7/2008 13:40
2/12/2007 15:15	2/12/2007 15:20	2/12/2007 15:30	2/12/2007 20:00
2/11/2008 19:15	2/11/2008 19:15	2/11/2008 19:20	2/11/2008 20:02

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

Debris and Grease

14 DIP

Roots in the City main
Water line broke causing sinkhole. Asphalt over sinkhole caved in and broke nearby sewer force main.
Rocks thrown at pipe causing small leak.

New aerator in aerobic digester caused foam to overflow

Contractor plug left in sewer line.
See above description.
After cleaning the sewer main a small root mass and some grease was brought back from the cleaning.
The spill was caused by vandalism which involved rocks and other miscellaneous debris being stuffed down the six inch c
The spill was caused from a partial grease blockage in an 8 inch sewer line.
The spill was caused by a combination of roots and grease.
The spill was due to storm event.
The spill was due to storm event that overwhelmed the sanitary sewer system.

The spill was caused from a private contractors lateral plug becoming dislodged and blocking flow in the sewer line which
The spill cause was due to chunks of concrete that had been knocked into the manhole and restricting flow.
The spill cause was due to root intrusion at a joint.
Spill cause was not disclosed to Vallecitos personnel.

Following video inspection, calcium build up in manhole restricting downstream flow from manhole. Debris may have buil

large plastic drinking water bottles recovered from sewer line
Construction company drilled through 8 inch sewer line 2 days earlier
soccer ball, sticks, plastic bag found
10 potable water line break infiltrated sewer line and wetwell at lift station causing gravity line to overflow

Construction debris stoppage at sewer line offset
construction debris from upstream site partial stoppage at sewer line offset

Diamond Lane Contractors while grading open field crushed our 15 Cottonwood trunk line.

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

Main
Other (specify below)
Main
Lower Lateral

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

t up on restriction area.
Other (specify below)
Main
Main
Main
Main
Main
Other (specify below)
Main
Main
Main
Main
Main

Other (specify below)

Main

12 VCP - Line has been slip lined

Station force main
Exposed section of pipe on easement

Station failure caused spill in neighborhood.

Grease on Arbor Glen Way West
City line - 6 inch clay
Top of pipe broken

Aerobic Digester

Unknown
The failure occured at the 90 degree bend from the clean out to the sewer main line.
The blockage or failure occured on the downstream side of the manhole.
The blockage accured on the effluent side of the manhole.
A failure did not occur. The sanitary sewer system was temporarily overwhelmed from the storm event.
Vallecitos Water District sewer system didn't have a failure. It was overwhelmed by storm event.
The failure occured six (6) feet downstream of a manhole that has three (3) eight inch lines feeding into it.
N/A
The failure occured on the effluent side of the manhole.
Blockage occured in a sewer line belonging to Vallecitos Water District.
Vallecitos Water District is not responsible for any portion of the lateral.

Root growth in manhole

22 feet of 8 inch sewer line destroyed by drill

pump casing failure causing flooding of entire station

Section of 8 sewer line offset
debris lodged at sewer main offset pipe. Sewer offset repaired 5-24-13

Crack in pipeline segment between the air-release valve and sewer main connection.

	8	PVC
	6	VCP
	8	vcp
	12	pvc
	12	VCP
	8	vcp
	8	VCP
	8	VCP
	6	CI
	14	DIP
	8	VCP
	12	VCP
	12	PVC
No	6	VCP
No	16	PVC
	8	plastic
	8	Plastic
	8	Clay
	4	PVC
	8	PVC
	8	PVC
	8	clay
	6	VCP
	6	DIP
	8	vcp
	8	vcp
	24	HDPE
	18	RPM
	8	VCP
	8	VCP
	8	VCP
	8	VCP
No		
No	8	
	12	ACP
	10	ACP
	10	VCP
	8	VCP
	10	VCP
	8	VCP
	8	PVC
	10	ACP
	8	VCP
	8	PVC
	8	PVC
	8	PVC
	8	PVC
	2	cast iron
	6	PVC
	15	VCP
	6	VCP

1985

1970
40
9
1929
41
1968
1968
1953
1967
1972

1964
2003
1958
1993
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20

38
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3
1

40
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45
23
30

44
20
30
30

25

50
1961

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

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

Street surface was cleaned after stoppage broken and flow restored.
Raised buried manhole, made entry to remove rags - roots - and debris, manhole scheduled to be coated.

Repaired pipe
Bypass pumps installed until repair is made

Recovered portion of the spill, called tankers to assist with flow, made repairs to pipe and put fm back on line.

N/A
Besides the activities listed above, 3-4 inches of dirt surrounding the spill site was removed.

Along with the activities listed above, the high pressure jetter trailer was brought out to try to restore flow by clearing the b
Please refer to the spill response activites attachment for details regarding actions taken during the spill response.
Please refer to the spill response attachment.
Due to storm event, the land out fall was overwhelmed resulting in an overflow from a manhole. Due to the location of th
Please refer to the spill response activities attachment for details.
Please refer to attachment for spill response activities.
Please refer to the attached sheet detailing spill response activities and explanation of correct spill times and total gallons
Please refer to attachment for spill response activities.
Please refer to attachment for spill response activities.

bypass pumping of flow, excavation/replacement of broken sewer line, video inspect entire line and downstream cleaning
video inspection, investigation of debris source in private sewer area upstream of blockage.

Spill of May 18, 2013 not reported to MNWD until 5-23-13. MNWD called 5-23-13 about overflow, removed costrucdtion c

Contained and vacuumed up all spilled wastewater.

2/22/2012 15:00
3/19/2012 20:11
6/6/2012 11:30
6/21/2012 17:17
7/4/2012 6:00
7/14/2012 19:00
8/20/2012 10:20
8/26/2012 17:00
8/27/2012 19:50

11/30/2012 12:00
12/7/2012 18:00
2/16/2013 22:00
2/26/2013 15:00
3/16/2013 22:30

11/25/2013 16:00

1/23/2009 7:00

12/25/2012 4:30

11/25/2010 18:15

12/22/2010 13:10
12/22/2010 22:10
1/5/2011 20:10

5/7/2012 21:00

10/30/2007 16:30
11/21/2007 8:45
12/20/2008 16:00
3/7/2009 16:00
3/23/2009 14:30
5/23/2009 3:00
11/14/2009 13:30
9/20/2010 16:00
1/10/2011 13:30
6/17/2011 19:55
4/26/2012 17:30

2/5/2007 15:00

2/12/2007 20:00

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

Plan rehabilitation or replacement of sewer;Repaired sewer
Enforcement action against FOG source;Plan rehabilitation or replacement of sewer
Other (specify below)
Enforcement action against FOG source;Other (specify below)
Added sewer to preventive maintenance program;Enforcement action against FOG source

Repaired Facilities or Replaced Defect

Other (specify below)

Repaired sewer

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

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

Other (specify below)

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

Adjusted schedule/method of preventive maintenance

Repaired sewer

Equipment was brought in to fix the road and regain access to manholes back in the canyon. The sewer line has been cle
Will CCTV to determine cause of stoppage and to look for defects.
Cleaned system. Contractor coming in to spray coating on walls of area manholes.
CCTV the sewer main for cause of spill and condition of pipe.
CCTV sewer line
Investigating F.O.G. and inspect with CCTV

Investigating possible slip lining of pipe

Emergency bypass pumps / new line being designed

Making necessary repairs to sewer lift station
FOG investigation with CCTV inspection

Adjusted process by reducing aeration time.

The section of sewer main will be added to the Enhanced Maintenance List. The section of sewer main was inspected us

Man holes up stream of spill point had beeen sealed due to odor complaints. These manhole seals have been broken; a v
Line is part of an improvement plan being designed and going thgrough environmental permiting. To be budgted in the ne
The location of the spill has been inspected using CCTV equipment. No roots were found. Efforts will be made to locate

Manhole already had a locking mahole cover installed. A marking stake has been put next to the manhole and the ring a

Scheduled manhole entry to remove calcium buildup.
Increase visual manhole inspection at site.

No obstructions found during video inspection.
Replaced damaged sewer line, cleaned debris in sewer

Sewer line inspected for damage-there being none the line was cleaned to remove road base debris from major potable li
replace pump, 2 motors and other equipment in affected arrea of the lift station
Private lateral will be cleaned, inspected by property owner. Lateral FOG may be cause. Lateral 80% blocked by FOG

No
No
No
No
Yes
No
No
No
No

No
No
No
No
No

No

No

No

No

No
Yes
No

No

No
No
No
No
No
No
Yes
No
No
No
No

No

No

none

N/A

N/A

N/A

N/A
N/A
N/A
N/A
No impact was observed to the receiving waters.
N/A
Once the inspection of receiving waters was completed, no visible impact was present.
Once the inspection of the receiving waters was completed, no visible impacts were present.

N/A
-N/A-
N/A

None
No visual effect seen in storm drain or receiving waters
none
No solids or paper products were found in or near the stormdrain. Solids remained near manhole.
no visual changes
none
none
none
clear, no debris
No visible affect
unable to see due to heavy foilage in Salt Creek
N/A
N/A

Not Applicatable

No
No
No
No
Yes
No
No
No
No

No
No
No
No
Yes

Yes No

No

No

No

No

No
No
No

No

No
No
No
Yes
Yes
No
No
Yes
Yes
No
Yes

No

No

N/A

N/A
N/A
N/A

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

NA

NA
N/A
None

N/A
N/A

N/A
-N/A-
N/A

NA
NA
Aliso Creek Beach - 6 miles
Doheny Beach, Dana Point, CA
Doheny Beach, Dana Point, CA
NA
NA
Salt Creek Beach
Aliso Creek Beach

Salt Creek Beach

NA

NA

Loma Alta Creek
Did not reach surface waters.
Man-made pond at Emerald Isle Golf Course
Garrison Creek
San Luis Rey River (but didn't reach it)
Loma Alta Creek
Buena Vista Creek (did not reach)
Spill entered storm drain far upstream of Buena Vista Lagoon.
Possible Buena Vista Lagoon
N/A
Buena Vista Creek / Buena Vista Lagoon
Buena Vista Creek
None
San Luis Rey River
N/A

Lake Calaveras

NA
N/A
None

San Marcos Creek
N/A
Un-named Creek.
San Marcos Creek
N/A
N/A
-N/A-
N/A

Laguna Niguel Regional Park Lake (Sulphur Reservoir)
Oso Tabuco Creek (La Paz Channel)
Aliso Creek
Oso and Trabuco Creek's
Oso Creek
Oso and San Juan Creeks
Laguna Niguel Regional Park Lake
Salt Creek
Aliso Creek
Aliso Creek
Salt Creek

Jamacha Creek (dry)

NA

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

Other (specify below)

Not applicable to this spill

Not applicable to this spill

Not applicable to this spill

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

Not applicable to this spill

No water quality samples taken
No water quality samples taken
No water quality samples taken
Other (specify below)
Other (specify below)
No water quality samples taken
No water quality samples taken
Other (specify below)
Other (specify below)
No water quality samples taken
Other (specify below)

Not applicable to this spill

No water quality samples taken;Not applicable to this spill

General

Total and Fecal Coliform, MF and enterococcus
Total and Fecal Coliform, MF, and Enterococcus

Sampling done by OC Health Dept
Sampling at beach by OC Health Dept starting 3/24/09

OC Health Department sampling at beach
done by OC Health Dept

Orange County Health will make a determination if needed

No water quality samples taken
Not applicable to this spill
Not applicable to this spill
None of the above
None of the above
No water quality samples taken
None of the above
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

County Health Agency

Not applicable to this spill

None of the above

No water quality samples taken

None of the above
None of the above
No water quality samples taken;Not applicable to this spill

Not applicable to this spill

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

Not applicable to this spill

None of the above

${ssoDetails.resultsReportedExplanation}

Vallecitos Water District was not required/requested by any of the agencies contacted to submit test results. Samples we
Vallecitos Water District was not required/requested by any of the agencies contacted to submit test results. Samples we

Estimated from normal sewer flows in neighborhood, combined with homeowners description and photos of damage.
Pump run times at station: 950gpm x 12min = 11,400 gallons total

ere taken voluntarily.
ere taken voluntarily.

Volume estimation was based off of the City of San Diego Metropolitan Wastewater Department estimation rate pictures.
Visual

121030	2/22/2012 11:58
121639	3/19/2012 20:11
123316	6/6/2012 10:57
123631	6/21/2012 16:57
123881	7/4/2012 3:54
124104	7/14/2012 17:36
124925	8/19/2012 14:56
125086	8/26/2012 16:40
125117	8/27/2012 20:15
126304	10/19/2012 12:27
126881	11/13/2012 17:16
127497	12/7/2012 17:30
131014	2/16/2013 7:37
131175	2/25/2013 20:27
131628	3/16/2013 21:22
137291	11/25/2013 13:18
90678	1/23/2009 6:10
127919	12/26/2012 14:15
91003	2/3/2009 15:15
91303	2/16/2009 0:26
107097	11/25/2010 14:20
107797	12/22/2010 21:28
107784	12/22/2010 15:45
107747	12/22/2010 9:07
110083	1/5/2011 17:14
116096	10/12/2011 20:42
122712	5/7/2012 11:20
125414	9/8/2012 16:05
92078	3/6/2009 18:20
93873	5/23/2009 8:00
97717	11/16/2009 9:30
105642	9/20/2010 7:29
110140	1/8/2011 16:00
113676	6/20/2011 8:00
122501	4/26/2012 16:38

07-0793 2/5/2007 16:00

Jeremy Kemp	7604355842
Tracy	8008527550

Braden McCrory, Supervisor	7607440460
Braden McCrory, Supervisor	7607440460