4SSO10498	Active	793021	Joshua Witt	Certified
4SSO10498	Active	793027	Joshua Witt	Certified
4SSO10498	Active	793032	Joshua Witt	Certified
4SSO10498	Active	794232	Joshua D. Witt	Certified
4SSO10498	Active	796363	Joshua Witt	Certified
4SSO10498	Active	797353	Joshua D. Witt	Certified
4SSO10498	Active	798159	Joshua Witt	Certified
4SSO10498	Active	798921	Gillian Marks	Certified
4SSO10498	Active	798978	Joshua Witt	Certified
4SSO10498	Active	799806	Gillian Marks	Certified
4SSO10498	Active	799925	Gillian Marks	Certified
4SSO10498	Active	799971	Gillian Marks	Certified
4SSO10498	Active	800025	Gillian Marks	Certified
4SSO10498	Active	800514	Gillian Marks	Certified
4SSO10498	Active	800550	Gillian Marks	Certified
4SSO10500	Active	718764	Elaine Chips	Certified
4SSO10500	Active	731955	Elaine Chips	Certified
4SSO10500	Active	750315	Elaine Chips	Certified
4SSO10500	Active	788057	Elaine Chips	Certified
4SSO10502	Active	645656	Barry G. Berggren	Certified
4SSO10502	Active	648953	Barry G. Berggren	Certified
4SSO10502	Active	656461	Barry G. Berggren	Certified
4SSO10502	Active	706599	Barry G. Berggren	Certified
4SSO10502	Active	718275	Barry G. Berggren	Certified
4SSO10502	Active	731145	Barry G. Berggren	Certified
4SSO10502	Active	736278	Barry G. Berggren	Certified
4SSO10502	Active	743980	Barry G. Berggren	Certified
4SSO10502	Active	744079	Barry G. Berggren	Certified
4SSO10502	Active	746061	Barry G. Berggren	Certified
4SSO10502	Active	752496	Barry G. Berggren	Certified
4SSO10502	Active	763338	Barry G. Berggren	Certified
4SSO10502	Active	766447	Barry G. Berggren	Certified
4SSO10502	Active	767482	Barry G. Berggren	Certified
4SSO10502	Active	768308	Barry G. Berggren	Certified
4SSO10502	Active	778326	Barry G. Berggren	Certified
4SSO10502	Active	797518	Barry G. Berggren	Certified
4SSO11364	Active	727070	R R Pakala	Certified
4SSO11364	Active	758902	Elaine Chips	Certified
4SSO11365	Active	645018	Keith Lehto	Certified
4SSO11365	Active	645456	keith lehto	Certified
4SSO11365	Active	645459	keith lehto	Certified
4SSO11365	Active	645460	keith lehto	Certified
4SSO11365	Active	645461	Keith Lehto	Certified
4SSO11365	Active	645620	keith lehto	Certified
4SSO11365	Active	645628	keith lehto	Certified
4SSO11365	Active	645629	keith lehto	Certified
4SSO11365	Active	645637	keith lehto	Certified
4SSO11365	Active	645685	keith lehto	Certified
4SSO11365	Active	645713	Nicholas A. Agbobu	Certified
4SSO11365	Active	645755	keith lehto	Certified
4SSO11365	Active	645767	keith lehto	Certified
4SSO11365	Active	645824	keith lehto	Certified
4SSO11365	Active	646207	keith lehto	Certified
4SSO11365	Active	646381	keith lehto	Certified
4SSO11365	Active	646722	keith lehto	Certified

Environmental Health Program Manager
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Environmental Health Program Manager
Environmental Health Program Manager
Environmental Health Program Manager
Environmental Health Program Manager
Environmental Health Program Manager
Environmental Compliance Program Manager
Environmental Health Program Manager
Environmental Compliance Program Manager
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Environmental Compliance Program Manager
Technical Specialist
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Director
Technical Specialist
Principal Engineer
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Senior Civil Engineer
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principal engineer

UCLA EH&S	505538
UCLA EH&S	746263
UCLA EH&S	347030
UCLA EH&S	519557
UCLA EH&S	400222
UCLA EH&S	729568
UCLA EH&S	291529
UCLA EH&S	837035
EH&S UCLA	360822
UCLA EH&S	506643
UCLA EH&S	449830
UCLA EH&S	442081
UCLA EH&S	263485
UCLA EH&S	853996
UCLA EH&S	307266
Moorpark	229807
Moorpark, CA	692950
Moorpark	178627
Moorpark	618448
Los Angeles	568674
Los Angeles	737065
Los Angeles	431496
Los Angeles	424040
Los Angeles	659487
Los Angeles	851956
Los Angeles	405079
Los Angeles	401580
Los Angeles	259019
Los Angeles	787062
Los Angeles	544757
Los Angeles	994545
Los Angeles	271016
Los Angeles	523460
Los Angeles	747032
Los Angeles	968040
Los Angeles	292916
Moorpark	759903
Moorpark	974147
Los Angeles County Department of Public Works	642435
la county dpw	973792
lacounty dpw	950445
la county dpw	404772
Los Angele County Department of Public Works	966844
la county dpw	688814
la county dpw	866352
la county dpw	610039
la county dpw	639340
la county dpw	784331
Alhambra	936260
la county dpw	733464
la county dpw	866346
la county dpw	892624
la county dpw	539282
la county dpw	292048
la county dpw	161404

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

Category 3		100	100
Category 3		70	70
Category 3		35	35
Category 1	400	500	450
Category 3		5	0
Category 2		112100	0
Category 3		20	0
Category 3	40	40	40
Category 3	200	200	200
Category 3	47	47	47
Category 1	0	50	0
Category 1	0	4000	0
Category 3	110	110	110
Category 3	200	200	200
Category 3	180	180	180
Category 1		2000	1500
Category 2		5800	0
Category 3		50	50
Category 3		40	40
Category 1		51	0
Category 3		26	26
Category 3		70	70
Category 3		41	41
Category 3		49	49
Category 3		97	0
Category 3		136	136
Category 3		144	144
Category 3		448	448
Category 3		80	80
Category 3		183	183
Category 3		120	120
Category 3		50	0
Category 3		106	0
Category 3		122	0
Category 3		770	770
Category 3		365	365
Category 3		150	150
Category 1		720	120
Category 1		300	0
Category 1		600	0
Category 1		500	0
Category 1		400	0
Category 1		800	0
Category 3		50	
Category 3		150	
Category 1		500	0
Category 3		50	
Category 1		400	0
Category 1		100	0
Category 1		400	0
Category 1		400	0
Category 3		50	
Category 1		700	0
Category 1		500	0
Category 1		100	0

0	No	No
0	No	No
0	No	No
50	Yes	Yes
0	No	No
0	No	No
0	No	No
0	No	No
0	No	No
0	No	No
50	Yes	Yes
4000	Yes	Yes
0	No	No
0	No	No
0	No	No
500	Yes	No
0	No	No
0	No	No
0	No	No
51	Yes	Yes
	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	Yes
0	No	No
0	No	No
0	No	No
600	No	Yes
300	Yes	Yes
600	Yes	Yes
500	Yes	Yes
400	Yes	Yes
800	Yes	Yes
	No	No
	No	No
500	Yes	Yes
	No	No
400	Yes	Yes
100	Yes	Yes
400	Yes	Yes
400	Yes	Yes
	No	No
700	Yes	Yes
500	Yes	Yes
100	Yes	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
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Not Applicable - Spill did not reach storm drainpipe
No
No
No

Krieger Childcare Ctr. parking lot, UCLA campus
UCLA Law School
UCLA Law School
UCLA - Los Angeles Tennis Center
UCLA - Jackie Robinson Stadium
Semel Institute C-Level
UCLA Neuroscience Research Building
Center for Health Sciences, UCLA
Acosta Athletic Center
Law Building Shapiro Courtyard
UCLA-GSEIS, 290 Charles E. Young Drive, North, Los Angeles, 90095
UCLA North Campus, Hedrick Hall
UCLA - Krieger Child Care Center
UCLA, Young research Library
UCLA, Boelter Hall, East side Basement
2950 E. Telegraph Road, Piru
Piru Wastewater Treatment Plant Percolation Ponds
Piru Wastewater Treatment Plant
Rancho Sespe Co-op
114th Street and Zamora
1519 West 257th Street
1607 West 219th Street
Intersection of 149th & Estrella Ave
24400 Senator Avenue
138 West 118th Place
1310 West 227th Street
520 West Athens Boulevard
1306 West 227th Street
12800 South Figueroa St
801 East 91st Street
11810 South Spring Street
973 East 120th Street Unit B
25820 South Vermont Avenue
9628 South Wilmington Avenue
555 West 130th Street
1126 West 255th Street
Montgomery lift Station (CSA 34)
El Rio
2220-0029
1310 Century Boulevard
1701-0003
1588-0474
1699-0061
1906-cleanout
1906-cleanout
2219-0684
1906-0025
1642-0010
1598-cleanout
1490-0140
1490-cleanout
2348-clean out
1867-0025
2305-0457
2018-0004

34.07559	-118.45513	Los Angeles
34.073253	-118.438797	Los Angeles
34.073253	-118.438797	Los Angeles
34.070378	-118.448249	Los Angeles
34.0594444	-118.4594444	Los Angeles
34.065715	-118.444771	Los Angeles
34.067467	-118.443417	Los Angeles
34.0648067	-118.4433889	Los Angeles
34.068336	-118.4483588	Los Angeles
34.073022	-118.438489	Los Angeles
34.066995	-118.443754	Los Angeles
34.073201	-118.45227	Los Angeles
34.076025	-118.454112	Los Angeles
34.074971	-118.441291	Los Angeles
34.068036	-118.442434	Los Angeles
34.405	-118.739	Ventura
34.390231	118.835806	Ventura
34.401196	-118.826124	Ventura
34.400565	-118.822179	Ventura
33.930994	-118.251035	Los Angeles
33.790475	118.303501	Los Angeles
33.829342	118.306833	Los Angeles
33.896697	118.285726	Los Angeles
34.802434	118.301822	Los Angeles
33.925191	118.275383	Los Angeles
33.819194	-118.301466	Los Angeles
33.920929	-118.28367	Los Angeles
33.820149	-118.299665	Los Angeles
33.916425	-118.284616	Los Angeles
33.95471	-118.260766	Los Angeles
33.92609	-118.27583	Los Angeles
33.924138	-118.256304	Los Angeles
33.789333	-118.293662	Los Angeles
33.948248	-118.238569	Los Angeles
33.91488	-118.285192	Los Angeles
33.792804	-118.297176	Los Angeles
34.252778	119.163611	Ventura
34.255922	-119.164088	Ventura
33.976389	117.968889	Los Angeles
33.94499293	118.2970553	Los Angeles
33.9202023	118.2811551	Los Angeles
33.99914854	118.3463592	Los Angeles
33.94499638	118.2927723	Los Angeles
34.19957341	118.1554645	Los Angeles
34.19359373	118.142367	Los Angeles
33.99124728	117.9501585	Los Angeles
34.20250624	118.1609087	Los Angeles
34.0075829	118.3320286	Los Angeles
33.7786884	-118.3505118	Los Angeles
33.78031511	118.4087427	Los Angeles
33.78013887	118.4090549	Los Angeles
33.98926297	117.8640566	Los Angeles
33.8814073	118.1972806	Los Angeles
33.9910218	117.8812547	Los Angeles
34.10160581	118.0896805	Los Angeles

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Located inside the UCLA Krieger Childcare Center.
Custodial closet
Courtyard on west side of building.
Los Angeles Tennis Center Southwest Side. Sewage flowed out of sewer manhole 510, located between the LATC buildi
Sewage main line servicing concession stand kitchen, men's and women's restrooms
A break and cavity was discovered on a 6 inch sewer line underneath the Semel Institute room C7-411.
NRB Pump Room B21 in the basement of the Neuroscience Research Building
Center for Health Sciences B-Level (Vivarium floor clean out) on the UCLA campus. Spill occurred at BV-100 clean out a
Clean-out cover at the south end of the Acosta Center adjacent to a walkway and wall.
Law Building courtyard at the point of exit - cleanout

Clean out inside the first level of Hedrick Hall. Flow went into the corridor and several rooms. Spill evacuated using wet
Inside Building A , Room A30B floor drains
Bathroom A1765 in basement
Inside the basement of Boelter Hall, (engineering building) from a clean out in the corridor.
Three manholes into concrete lined drainage ditch and debris basin
Treatment Plant Percolation Ponds
Piru Treatment plant and access road
In driveway entrance to complex
Residential area
Residential area
Residential area
Residential Area
Residential / Commercial Area
Residential
Residential area
Residential area
Residential area
This CIWQS Report replaces Event ID 745311. Event 745311 was erroneously entered into the Terminal Island Treatme
Residential
Residential area
Residential area
Commercial area
Residential area
Residential area
Residential area

Manhole in Lambert Street
CSMD Map Sheet 2220 Manhole 29 MMS. No. 2623685B
Clean-out in front of 1310 Century Boulevard MMS 2626764
Manhole No. 3 on Mapsheet 1701
Manhole 474 on Mapsheet 1588 MMS No. 2626792
Manhole 61 on Mapsheet 1699 MMS No. 2626800
CSMD Map Sheet 1906 Cleanout MMS No. 2625105B
CSMD Map Sheet 1906 Cleanout MMS No. 2626805
CSMD Map Sheet 2219 Manhole 684 MMS No. 2630276B
CSMD Map Sheet 1906 Manhole 25 MMS No. 2633802B
CSMD Map Sheet 1642 Manhole 10 MMS No. 2629867C
CSMD Map Sheet No. 1598 Cleanout MMS No. 2630186C
CSMD Map Sheet No. 1490 Manhole 140 MMS No. 2629935C
CSMD Map Sheet No. 1490 Cleanout MMS No. 2629935C
CSMD Map Sheet No. 2348 Clean-out MMS No. 2631070B

CSMD Map Sheet 2305 Manhole 457 MMS No. 2645822B
CSMD Map Sheet 2018 Manhole 4 MMS No. 2651402B

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nt System.

Manhole
Building or structure
Manhole
Manhole
Building or structure
Building or structure
Building or structure
Inside Building or Structure
Lateral Clean Out (Public)
Lateral Clean Out (Public)
Manhole
Inside Building or Structure;Lateral Clean Out (Public)
Inside Building or Structure
Inside Building or Structure
Inside Building or Structure
Manhole
Gravity sewer
Other (specify)
Manhole
Manhole
Manhole
Building or structure
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Other (specify)
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Other (specify)
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Other (specify)
Other (specify)
Manhole
Manhole
Manhole

Originated in Krieger room A30A sewage flowing out of a cleanout.
Cleanout inside the Law School Building 1st floor.
Overflowed out of a cleanout on the concrete patio
Sewage flowed out of sewer manhole 510, located between the LATC building and the courts to the south near the hot wa

Located underneath the women's restroom (C7-411)

The BV-100 corridor in Vivarium.

Single clean out

Bathroom and clean out in hallway near bathroom

Northeast corner of mixed liquor tank

Initially, this overflow erroneously was entered in Terminal Island Collection System, under CIWQS Event ID 742242.
This overflow was entered erroneously under event ID 743063 in Terminal Island Collection System Database.

Spill backed into two apartment units ant the address

private property clean-out

Cleanout
Cleanout

Cleanout

Cleanout
Clean-out

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

Inside building. All sewage was pumped into the sanitary sewer.
Contained to restrooms, hallway and a small amount that entered the courtyard but was contained.
The spill was contained to the concrete surrounding the cleanout and an artificial grass field nearby.

Sewage backed up and pooled around floor drains in men's restroom, women's restroom, and concession stand kitchen. S
Sewage has come into contact with soil underneath the building. UCLA is currently performing soil testing and water testi

Water was vacuumed from floor in corridor, extracted from carpet in BV-227, and reintroduced into floor clean outs.
All liquid flowed from the clean-out cover in a south westerly direction towards a drainage channel and collected in a catc
Hardscape in the courtyard where is pooled

A snake was used to clear the blockage in the men's bathroom but was unsuccessful. Pipe tech (vendor) was able to cle

concrete ditch and debris basin

Treatment plant and access road

The entire backup amount entered an adjacent City of Los Angeles catch basin, which is tributary to the Los Angeles Riv
The crew was able to establish containment and subsequently they returned the entire back up amount to the sewer syste
The entire back up amount was contained within the property and was returned back to the sewer system.
The crew was able to establish containment and subsequently they returned the entire back up amount to the sewer syste
The crew was able to establish containment and subsequently they returned the entire back up amount to the sewer syste
The entire back up amount soaked into the ground.
The crew was able to establish containment and subsequently they returned the entire back up amount to the sewer syste
The crew was able to establish containment and the entire backup amount was returned to the sewer system.
The crew was able to establish containment and subsequently they returned the entire back up amount to the sewer syste
The crew was able to establish containment and subsequently they returned the entire back up amount to the sewer syste
The crew was able to establish containment and subsequently they returned the entire back up amount to the sewer syste
The crew was able to establish containment and subsequently they returned the entire back up amount to the sewer syste
The entire back up amount soaked into the carpet. A private cleaning company removed all the spill amount and returnec
The entire back up amount soaked into the ground.
The entire back up amount entered an adjacent City of Los Angeles catch basin, which is tributary to the Compton Creek.
The crew was able to establish containment and subsequently they returned the entire back up amount to the sewer syste
The crew was able to establish containment and subsequently they returned the entire back up amount to the sewer syste

Ground and grass area in the back yard of 470 West Palm Street
The water from lateral cleanout overflowed onto the lawn at the residence located at 244 E. Pentagon Street. No solids pı
Walnut Creek Channel
Overflowing from Manhole 25 and dried up in the street.

Unnamed terrain

Overflow absorbed into the grass of residence located at 20002 Emerald Meadow Drive.
Spill entered storm drain system that eventually outlets into the LA River.

Rubio Wash Channel

3/19/2013 16:45	3/19/2013 16:45	3/19/2013 16:58	3/19/2013 17:15
3/5/2013 12:10	3/5/2013 12:10	3/5/2013 12:25	3/5/2013 12:45
3/11/2013 11:50	3/11/2013 11:50	3/11/2013 12:05	3/11/2013 12:15
5/14/2013 0:01	5/14/2013 9:20	5/14/2013 0:10	5/14/2013 0:20
6/27/2013 13:15	6/27/2013 14:30	6/27/2013 13:30	6/27/2013 13:45
1/1/2012 0:00	7/17/2013 15:00	7/17/2013 15:30	7/31/2013 17:00
8/14/2013 10:00	8/14/2013 10:20	8/14/2013 10:45	8/14/2013 11:10
9/16/2013 11:00	9/16/2013 11:00	9/16/2013 11:30	9/16/2013 11:15
9/19/2013 12:55	9/19/2013 16:15	9/19/2013 12:55	9/19/2013 22:30
10/15/2013 11:30	10/15/2013 11:35	10/15/2013 11:50	10/15/2013 12:00
10/18/2013 11:20	10/18/2013 11:45	10/18/2013 12:00	10/18/2013 12:20
10/20/2013 11:00	10/20/2013 11:15	10/20/2013 12:00	10/20/2013 6:00
10/21/2013 13:01	10/21/2013 13:06	10/21/2013 13:28	10/21/2013 14:50
11/1/2013 11:00	11/1/2013 11:15	11/1/2013 11:25	11/1/2013 15:00
11/5/2013 10:10	11/5/2013 10:30	11/5/2013 10:45	11/5/2013 13:30
5/29/2008 1:30	5/29/2008 2:00	5/29/2008 2:30	5/29/2008 2:45
12/29/2008 16:22	12/30/2008 16:10	12/30/2008 0:00	12/30/2008 13:00
2/18/2010 10:00	2/18/2010 10:00	2/18/2010 10:15	2/18/2010 10:20
10/14/2012 14:40	10/14/2012 14:40	10/14/2012 15:20	10/14/2012 14:50
1/11/2007 9:27	1/11/2007 9:37	1/11/2007 10:10	1/11/2007 10:17
3/25/2007 17:00	3/25/2007 17:00	3/25/2007 17:30	3/25/2007 18:15
8/5/2007 12:35	8/5/2007 12:40	8/5/2007 13:16	8/5/2007 13:26
10/15/2007 14:15	10/15/2007 14:20	10/15/2007 14:40	10/15/2007 14:55
5/19/2008 10:10	5/19/2008 10:10	5/19/2008 10:28	5/19/2008 10:34
12/27/2008 13:50	12/27/2008 13:50	12/27/2008 14:10	12/27/2008 14:20
4/4/2009 17:48	4/4/2009 17:48	4/4/2009 18:23	4/4/2009 18:55
8/1/2009 12:10	8/1/2009 12:10	8/1/2009 12:38	8/1/2009 13:00
8/13/2009 17:51	8/13/2009 17:51	8/13/2009 19:05	8/13/2009 19:21
10/1/2009 23:35	10/1/2009 23:35	10/2/2009 0:39	10/2/2009 1:00
5/5/2010 20:50	5/5/2010 20:50	5/5/2010 20:50	5/5/2010 21:20
2/21/2011 9:38	2/21/2011 9:38	2/21/2011 9:50	2/21/2011 10:00
5/12/2011 11:00	5/12/2011 11:00	5/12/2011 11:20	5/12/2011 11:35
6/14/2011 11:00	6/14/2011 11:00	6/14/2011 11:15	6/14/2011 11:30
7/7/2011 22:05	7/7/2011 22:05	7/7/2011 22:30	7/7/2011 23:10
2/22/2012 15:41	2/22/2012 15:41	2/22/2012 16:35	2/22/2012 20:30
8/3/2013 12:40	8/3/2013 12:40	8/3/2013 14:14	8/3/2013 14:47
8/7/2008 20:30	8/8/2008 8:30	8/8/2008 8:30	8/8/2008 8:30
11/23/2010 9:45	11/23/2010 9:45	11/23/2010 10:30	11/23/2010 11:09
1/2/2007 16:00	1/2/2007 16:00	1/2/2007 16:45	1/2/2007 17:00
1/6/2007 10:33	1/6/2007 12:00	1/6/2007 14:00	1/6/2007 15:10
1/6/2007 12:32	1/6/2007 12:57	1/6/2007 14:30	1/6/2007 14:50
1/6/2007 19:15	1/6/2007 20:45	1/6/2007 23:00	1/6/2007 23:15
1/7/2007 8:46	1/7/2007 9:45	1/7/2007 11:30	1/7/2007 12:10
1/3/2007 20:12	1/3/2007 21:35	1/3/2007 23:40	1/4/2007 0:00
1/7/2007 10:40	1/7/2007 11:30	1/7/2007 13:44	1/7/2007 14:00
1/15/2007 20:09	1/15/2007 21:30	1/15/2007 22:35	1/15/2007 23:00
1/20/2007 11:31	1/20/2007 13:30	1/20/2007 15:55	1/20/2007 16:05
1/13/2007 10:17	1/13/2007 11:15	1/13/2007 12:45	1/13/2007 13:00
1/15/2007 9:30	1/15/2007 10:40	1/15/2007 12:30	1/15/2007 13:15
1/14/2007 10:04	1/14/2007 11:40	1/14/2007 13:30	1/14/2007 14:30
1/14/2007 10:04	1/14/2007 11:40	1/14/2007 13:30	1/14/2007 14:30
1/16/2007 16:05	1/16/2007 16:15	1/16/2007 17:30	1/16/2007 18:00
1/22/2007 16:30	1/22/2007 16:30	1/22/2007 17:30	1/22/2007 22:30
1/27/2007 21:50	1/27/2007 22:50	1/27/2007 23:45	1/28/2007 0:05
2/4/2007 13:10	2/4/2007 13:20	2/4/2007 16:00	2/4/2007 16:30

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

The debris was baby wipes combined with root intrusion. There are multiple postings not to flush baby wipes in the Krieg

Clogged sewer pipe from roots and sludge.
Dirt from construction entered through two cleanout pipes and created stoppage. Use of restrooms created sewage backu
UCLA is still investigating the cause of the pipe failure. Early indications point towards soil compaction issues.
The sump pumps in NRB Pump Room B21 failed and backed sewage water up through the sump as well as through two
Excess soap and suds in the drain line due to pipe break in wall above foundation.

Grease from north campus food kitchen
Paper and roots

There are two 80' trees growing above the sewer lines which have intruded into the lines.

Effluent pump could not pump past check valve due to hydraulically loaded discharge pipe.

Sampler Malfunction

Roots and rocks
Roots and rocks

Upper Lateral
Upper Lateral
Upper Lateral
Upper Lateral (Public)
Main
Main
Lower Lateral
Upper Lateral (Public)
Lower Lateral (Public)
Upper Lateral (Public)
Upper Lateral (Public)
Upper Lateral (Public)
Upper Lateral (Public)
Upper Lateral (Public)
Upper Lateral (Public)
Main

Other (specify below)
Other (specify below)
Main

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

Main

Sewer mainline servicing the restrooms and concession stand.

Pipe break in wall above foundation. See attached report and data
Roots had entered the mainline and caused the stoppage that surfaced on land through the clean-out.

In the lateral between the restroom and the main inside the building.

November 13, 2013 - based on camera line inspection the spill at YRL is related to other locations on campus in the Nortl

At treatment plant
Lateral manhole

Sampler in the lift station

No		
	6	Cast Iron
No	4	cast iron
No	6	clay
No		
No		
No		
No	6	clay
No		
No		
	15	ACP
	8	VCP
	8	VCP
	8	VCP
	10	VCP
	8	VCP
	8	Concrete
	8	VCP
	8	VCP
	8	VCP
	8	VCP
	10	VCP
	8	VCP
	8	VCP
	10	VCP
	10	Concrete
	8	VCP
	8	VCP
	8	vcp
	8	vcp
	8	vcp
	8	vcp
	8	vcp

48

600
600

1972

78
75
77
59
47
79
56
54
55
54
82
82
56
48
81
56
76

50

Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow;Returned all or portion of spill to sanit
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow;Returned all or portion of spill to sanit
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow;Returned all or portion of spill to sanit
Contained all or portion of spill;Restored flow;Cleaned-up (mitigated effects of spill);Inspected sewer using CCTV to deter
Cleaned-up (mitigated effects of spill)
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;Restored flow;Other Enforcement Agency Notified
Cleaned-Up;Mitigated Effects of Spill;Restored flow

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

On arrival, water was taken out of service to prevent further overflow of sewer. Had to run cable several times to remove

On arrival, bathrooms were taken out of service to prevent further overflow of sewer. Storm drain was blocked off, the lir
Building water was immediately turned off to prevent any further overflow, and upstream bathrooms were closed. Sewer
Campus plumbers responded immediately to clear the stoppage. Custodians and concession stand employees cleaned a
UCLA Facilities Management and Capital Programs continue to investigate the scope of the plumbing failure by: 1. Perf
The sump pumps were fixed onsite and the sewage was entered back into the sewer system after the building floor was c

Vacuumed up effluent from floors. Cleaned and sanitized all impacted areas. Any flooded areas requiring demolition or

Manually started pumps,Used Vactor truck to recover 1500 gallons of wastewater from debris basin

The initial crew arrived at 10:10 A.M. and discovered a blockage in an 8-inch diameter mainline sewer serving the referer
The initial crew arrived at 5:30 P.M. and discovered a 8-inch mainline sewer serving the referenced area backed up due t
The initial crew arrived at 1:16 P.M. and discovered an 8-inch mainline sewer serving the referenced area backed up due
The initial crew arrived at 2:40 P.M. and discovered a 10-inch mainline sewer serving the referenced area backed up due
The initial crew arrived at 10:28 A.M. and discovered an 8-inch mainline sewer serving the referenced area backed up du
The initial crew arrived at 2:10 P.M., and discovered an 8-inch mainline sewer serving the referenced area backed up due
The initial crew arrived at 6:23 P.M. and discovered an 8-inch mainline sewer serving the referenced area backed up due
The initial crew arrived at 12:38 P.M. and discovered an 8-inch mainline sewer serving the referenced area backed up du
The initial crew arrived at 7:05 P.M. and discovered an 8-inch mainline sewer serving the referenced area backed up due
The initial crew arrived at 12:39 A.M. and discovered an 8-inch mainline sewer serving the referenced area backed up du
The initial crew arrived at 8:50 PM and discovered a 8-inch mainline sewer serving the reference area backed up due to a
The initial crew arrived at 9:50 A.M. and discovered a 8-inch mainline sewer serving the referenced area backed up due t
The initial crew arrived at 11:20A.M. and discovered an 8-inch mainline sewer serving the referenced area backed up to a
The initial crew arrived at 11:15 A.M. and discovered a 10-inch mainline sewer serving the referenced area backed up du
The initial crew arrived at 10:30 P.M. and discovered an 10-inch mainline sewer serving the referenced area backed up to
The initial crew arrived at 4:35 P.M. and discovered a 8-inch mainline sewer serving the referenced area backed up due t
The initial crew arrived at 2:14 P.M. and discovered an 8-inch mainline sewer serving the referenced area backed up to a

We rodded mainline on Palm St. and broke down a heavy root stoppage. Inspected area around cleanout and found no s
We rodded the mainline south of Pentagon St. and broke down a heavy root stoppage. Swept all standing water back into
We rodded the mainline sewer to relieve root stoppage and vacuumed up remaining spill.
We rodded the mainline and broke down a root stoppage.
We dammed the area around the manhole with absorbent sock and rodded the mainline to relieve root stoppage. Vacuun
We rodded mainline to relieve stoppage. Vacuumed and returned remaining sewage into the system.
We dammed overflow with absorbent socks and rodded mainline to relieve stoppage. Vacuumed and returned remaining
We dammed overflow with absorbent socks and rodded mainline to relieve stoppage. Vacuumed and returned remaining
We Hydroed the mainline and broke down the root stoppage.
The crew contained the spill with vactor truck . Swept and cleaned the debris back into the manhole. The crew hydroed a
The crew vacuumed and returned the spill back into the system. The crew also rodded the mainline and broke down ro
Dammed to contain overflow and returned spill to the system. Hydroed the mainline and broke down a heavy grease stop

5/14/2013 5:00

8/13/2013 17:00

10/18/2013 12:20
10/20/2013 22:00

5/29/2008 7:00
12/30/2008 16:00

1/12/2007 11:59

7/12/2011 16:54

11/23/2010 11:09
1/2/2007 17:00
1/6/2007 17:00
1/6/2007 16:15
1/7/2007 0:10
1/7/2007 14:00

1/15/2007 23:30

1/13/2007 13:45
1/15/2007 14:15
1/14/2007 17:30
1/14/2007 17:30

1/22/2007 22:30
1/28/2007 0:05
2/4/2007 21:15

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

Plan rehabilitation or replacement of sewer;Repaired sewer

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

Other (specify below)
Repaired sewer

Adjusted schedule/method of preventive maintenance

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

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

Added sewer to preventive maintenance program

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

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

This section of sewer line will be placed on an annual PM schedule, and will also be added to the deferred maintenance r

The building drain is functioning under temporary repair. Corrective actions have been developed and are being initiated

Attempted to snake the pipeline through the clean out to the main. Unable to complete and called a third party vendor (P

New battery backup (UPS) was installed and SCADA system back on line

The Closed Circuit Television inspection revealed no defects that require repair at this time. In an effort to prevent future

The Closed Circuit Television inspection revealed a small defect, which will be repaired by a contractor. In an effort to pr

Restored electrical power to pump station

Televise Main line sewer.
Spill causes by prior maintenance activities upstream of spill location. Maintenance crews failed to capture all grease fro

No

Yes

No
No

No
No

No

No

No
No
No
No
No
No

No

No
No
No
No

No
No
No

N/A

No impact. Spill was quickly diluted with the on-going flows in the LA River
No impact. Flow quickly diluted with on-going flows in Los Angeles River

Flowed from storm drain into Walnut Creek channel.

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

NA

NA
NA

NA
NA

NA

N/A

N/A
N/A

NA
NA
NA
NA
NA

N/A

NA
N/A
N/A
N/A

N/A
N/A
N/A

Ballona Creek will be the eventual surface water the storm drain will lead to.
None

None

Drainage ditch alongside State Hwy 126 (2950 E. Telegraph Rd., Piru)
NA

None
Los Angeles River

N/A
N/A

Compton Creek
N/A
N/A

None
San Gabriel River
Los Angeles River
Los Angeles River
Ballona Creek
Los Angeles River

walnut Creek Channel

Los Angeles River
Unnamed terrain
Pacific Ocean
Pacific Ocean

Los Angeles River
San Jose Creek Channel which leads to the San Gabriel River
Rubio Wash Channel which flows into San Gabriel River.

No water quality samples taken

Other chemical indicator(s) - specify below;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

Biological indicator(s) - specify below

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

No water quality samples taken

No water quality samples taken
No water quality samples taken
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 Indicators: Total Coliforms Fecal Coliforms E.coli Chemical Indicators: Nitrates VOC's (Regulated 624 Li

Total Coliforms E. coli Enterococcus

No water quality samples taken

County Health Agency;Regional Water Quality Control Board

No water quality samples taken
No water quality samples taken

Not applicable to this spill
None of the above

Not applicable to this spill

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
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

UCLA has received water quality results for the groundwater well servicing the co-generation plant which is an industrial p

Emptied approximately 8 wet vacs of which were 55 gallons each.

›rocess (Results attached). UCLA has agreed in cooperation with the Los Angeles County Department of Public Health tc

Vacuum volume prior to disposal. View and sampling of excavation and oil beneath the foundation. See attached report
Observation of flow rate over the first half hour of spill.
Circular estimate L' x W' x D' x 0.785 conversion factor to gallons
L' x W' x D' x Conversion Factor 20x12x0.25x0.785
Number of evacuated 25 gallon wet vacuum buckets. 2 buckets x 25 gallons x 80 trips.

3 x 55 gallon drums = 165 gallons + material residual in carpet that was removed.

132906	5/14/2013 9:20
134656	7/29/2013 14:08
136476	10/18/2013 12:45
136539	10/21/2013 9:15
83855	5/29/2008 4:55
89258	12/30/2008 15:00
70225	1/11/2007 13:12
114086	7/8/2011 0:09
107103	11/26/2010 8:45
	1/6/2007 18:30
	1/6/2007 15:56
70129	1/7/2007 11:30
	1/7/2007 13:50
	1/4/2007 1:45
	1/7/2007 14:52
	1/15/2007 23:50
70446	1/20/2007 16:30
70287	1/14/2007 20:10
70312	1/15/2007 15:40
70288	1/14/2007 20:45
70288	1/14/2007 20:45
	1/23/2007 0:10
70615	1/28/2007 1:55
70774	2/4/2007 21:35

Joshua D. Witt	3107945399
Gillian Marks	3107945775
Gillian Marks	3107945775
Gillian Marks	3107945775
Gillian Marks	3109014053
Gillian Marks, Environmental Compliance Program Manager	3107945775
Gillian Marks, Environmental Compliance Program Manager	3109014053
Gillian Marks, Environmental Compliance Program Manager	3107945775
Gillian Marks, Environmental Compliance Program Manager	3107945775

4SSO11365	Active	646737	keith lehto	Certified
4SSO11365	Active	647157	keith lehto	Certified
4SSO11365	Active	647410	keith lehto	Certified
4SSO11365	Active	647412	keith lehto	Certified
4SSO11365	Active	647723	keith lehto	Certified
4SSO11365	Active	648164	John Adkins	Certified
4SSO11365	Active	648233	John Adkins	Certified
4SSO11365	Active	648660	keith lehto	Certified
4SSO11365	Active	648942	Keith Lehto	Certified
4SSO11365	Active	649139	Nicholas Agbobu	Certified
4SSO11365	Active	649611	Keith Lehto	Certified
4SSO11365	Active	649614	Keith Lehto	Certified
4SSO11365	Active	649746	Keith Lehto	Certified
4SSO11365	Active	650112	Nicholas Agbobu	Certified
4SSO11365	Active	650253	Robert Swartz	Certified
4SSO11365	Active	650616	Keith Lehto	Certified
4SSO11365	Active	650757	Nicholas Agbobu	Certified
4SSO11365	Active	650783	Keith Lehto	Certified
4SSO11365	Active	651460	Nicholas Agbobu	Certified
4SSO11365	Active	651643	Nicholas Agbobu	Certified
4SSO11365	Active	652286	Nicholas Agbobu	Certified
4SSO11365	Active	653362	Nicholas Agbobu	Certified
4SSO11365	Active	654197	Keith Lehto	Certified
4SSO11365	Active	654301	Keith Lehto	Certified
4SSO11365	Active	654305	Keith Lehto	Certified
4SSO11365	Active	654703	Nicholas Agbobu	Certified
4SSO11365	Active	654704	Nicholas Agbobu	Certified
4SSO11365	Active	654708	Nicholas Agbobu	Certified
4SSO11365	Active	655139	Nicholas Agbobu	Certified
4SSO11365	Active	655393	Nicholas Agbobu	Certified
4SSO11365	Active	655394	Nicholas Agbobu	Certified
4SSO11365	Active	656131	Nicholas Agbobu	Certified
4SSO11365	Active	656175	Nicholas Agbobu	Certified
4SSO11365	Active	656412	nagbobu Agbobu	Certified
4SSO11365	Active	656898	Nicholas Agbobu	Certified
4SSO11365	Active	657040	Nicholas Agbobu	Certified
4SSO11365	Active	657376	Nicholas Agbobu	Certified
4SSO11365	Active	658039	Nicholas Agbobu	Certified
4SSO11365	Active	704409	Nicholas Agbobu	Certified
4SSO11365	Active	704628	Nicholas A Agbobu	Certified
4SSO11365	Active	705044	Nicholas Agbobu	Certified
4SSO11365	Active	705280	Nicholas Agbobu	Certified
4SSO11365	Active	706783	Nicholas Agbobu	Certified
4SSO11365	Active	706865	Nicholas Agbobu	Certified
4SSO11365	Active	707708	Nicholas Agbobu	Certified
4SSO11365	Active	707729	Nicholas Agbobu	Certified
4SSO11365	Active	708335	Nicholas Agbobu	Certified
4SSO11365	Active	708608	Nicholas Agbobu	Certified
4SSO11365	Active	708940	Nicholas Agbobu	Certified
4SSO11365	Active	709793	Nicholas Agbobu	Certified
4SSO11365	Active	710222	Nicholas Agbobu	Certified
4SSO11365	Active	710383	Nicholas A. Agbobu	Certified
4SSO11365	Active	711212	Nicholas Agbobu	Certified
4SSO11365	Active	711216	Nicholas Agbobu	Certified
4SSO11365	Active	711652	Nicholas Agbobu	Certified

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la county dpw	504653
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la county dpw	359086
la county dpw	206625
la county dpw	122845
LA County DPW	682173
LA County DPW	455762
la county dpw	111521
LA County DPW	478764
Alhambra	575792
LA County DPW	943693
LA County DPW	635446
LA County DPW	214391
Alhambra	366751
Alhambra	995682
LA County DPW	887089
Alhambra	584818
LA County DPW	538271
Alhambra	168870
Alhambra	514320
Alhambra	654585
Alhambra	133221
Los Angeles County DPW	399121
LA County DPW	653963
LA County DPW	489328
Alhambra	835047
Alhambra	210827
Alhambra	197340
Alhambra	703803
Alhambra	640189
Alhambra	312954
Alhambra	441484
Alhambra	352105
Alhambra	575618
Alhambra	356327
Alhambra	183757
Alhambra	273924
Alhambra	169110
Alhambra	354821
Alhambra	782758
Alhambra	298825
Alhambra	157845
Alhambra	272029
Alhambra	508919
Alhambra	162464
Alhambra	210529
Alhambra	192273
Alhambra	186059
Alhambra	584265
Alhambra	398750
Alhambra	164567
Alhambra	680536
Alhambra	244448
Alhambra	296324
Alhambra	465980

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

Category 1	500	460
Category 1	200	150
Category 3	600	
Category 3	50	
Category 1	100	20
Category 1	200	100
Category 1	400	0
Category 3	150	
Category 3	25	
Category 3	100	0
Category 1	300	150
Category 1	400	0
Category 3	25	0
Category 1	300	0
Category 1	100	50
Category 1	700	0
Category 3	50	50
Category 1	300	150
Category 3	300	0
Category 1	500	300
Category 1	600	200
Category 3	300	0
Category 1	200	0
Category 1	1000	0
Category 1	2000	0
Category 3	200	200
Category 3	5	5
Category 3	10	10
Category 1	350	250
Category 1	2000	600
Category 1	2000	700
Category 1	200	0
Category 3	50	10
Category 1	700	400
Category 3	400	0
Category 1	300	100
Category 1	400	0
Category 1	200	130
Category 1	500	300
Category 1	400	100
Category 3	100	0
Category 1	500	100
Category 1	500	50
Category 3	300	300
Category 1	1800	500
Category 3	200	0
Category 3	20	0
Category 3	350	50
Category 3	50	0
Category 1	900	300
Category 3	100	0
Category 3	300	300
Category 3	500	500
Category 3	50	0
Category 3	300	0

40	Yes	Yes
50	Yes	Yes
	No	No
	No	No
80	Yes	Yes
100	Yes	Yes
400	Yes	Yes
	No	No
	No	No
	No	No
150	Yes	Yes
400	Yes	Yes
	No	No
300	Yes	Yes
50	Yes	Yes
700	Yes	Yes
	No	No
150	Yes	Yes
	No	No
200	Yes	Yes
400	Yes	Yes
	No	No
200	Yes	Yes
1000	Yes	Yes
2000	Yes	Yes
	No	No
	No	No
	No	No
50	Yes	Yes
1400	Yes	Yes
1300	Yes	Yes
200	Yes	Yes
0	No	No
300	Yes	Yes
	No	No
200	Yes	Yes
400	Yes	Yes
70	Yes	Yes
200	Yes	Yes
300	No	Yes
	No	No
400	Yes	Yes
450	Yes	Yes
	No	No
1300	Yes	Yes
	No	No
	No	No
	No	No
	No	No
600	Yes	Yes
	No	No
0	No	Yes
	No	No
	No	No
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No
No
Not Applicable - Spill did not reach storm drainpipe
Not Applicable - Spill did not reach storm drainpipe
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1704-cleanout
1906-cleanout
1906-cleanout
2017-0138
1535-0132
2386-0205
2167-0016
1705-Los Angeles County Harbor UCLA Medical Center
2124-0353
1906-112 W. Laurel Dr.
1699-0189
1706-0249
2172-1116 S. Ninth Avenue
1756-0113
1701-0088
1754-0049
2016-0410
1699-0053
1859-0742
1960-0187
2129-0324
1906-0556
1859-0122
1961-0289
1961-0284
1961 - 1626 Morada Place
1961 - 1616 Morada Place
1859-0100
Los Angeles County USC Medical Center
2262-0199
2262-0183
1859-0100
1588-0013
2076-0087
2079-0566
2076-0037
1588-0009
1705-0137
1859-0756
1588-0076
1907-Cleanout
1907-0182
2077-0068
1535 - Cleanout
2263-0346
2221 - 122 Eseveri Lane
1753-0626
2124-0166
1961 - Cleanout
2176-0056
1961-Cleanout
1646-Cleanout
1961 - 2071 Maiden Lane
2014 - Cleanout
1907 - 328 East Calaveras Street

33.84468915	118.2938627	Los Angeles
34.20499981	118.1594103	Los Angeles
34.20093424	118.1592649	Los Angeles
34.12313225	118.0730448	Los Angeles
33.98298906	118.3726397	Los Angeles
34.10309873	117.8376235	Los Angeles
34.12448488	117.9994818	Los Angeles
33.83153646	118.2926815	Los Angeles
34.03226657	118.0177476	Los Angeles
34.20107386	118.1481327	Los Angeles
33.95799948	118.2927199	Los Angeles
33.81587496	118.2897006	Los Angeles
34.00736005	117.9957495	Los Angeles
33.91626271	118.2625323	Los Angeles
33.92128912	118.2696257	Los Angeles
33.95139	118.25305	Los Angeles
34.133892	118.06944	Los Angeles
33.944168	118.299164	Los Angeles
34.049442	118.18222	Los Angeles
34.196667	118.1275	Los Angeles
33.9275	118.02889	Los Angeles
34.202778	118.13944	Los Angeles
34.05472	118.1875	Los Angeles
34.184166	118.11639	Los Angeles
34.185833	118.119446	Los Angeles
34.179447	118.11694	Los Angeles
34.179447	118.11694	Los Angeles
34.05611	118.1875	Los Angeles
34.05861	118.20944	Los Angeles
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33.990833	117.93111	Los Angeles
34.05611	118.1875	Los Angeles
33.984165	118.36583	Los Angeles
33.988888	118.068886	Los Angeles
33.93389	118.03889	Los Angeles
33.998055	118.06694	Los Angeles
33.98639	118.36472	Los Angeles
33.83427831	118.2901719	Los Angeles
34.04630728	118.1821746	Los Angeles
33.98704345	-118.3581402	Los Angeles
34.18548601	118.151415	Los Angeles
34.18157542	118.1590843	Los Angeles
33.98133357	118.0611593	Los Angeles
33.97741459	118.3739559	Los Angeles
33.96943399	117.9142102	Los Angeles
33.94795062	117.9625854	Los Angeles
33.96800432	118.2388758	Los Angeles
34.04080095	118.0100868	Los Angeles
34.18870989	118.1212149	Los Angeles
33.92879461	117.9965673	Los Angeles
34.18697209	118.1205397	Los Angeles
33.9202183	-118.3089976	Los Angeles
34.18116675	118.1285954	Los Angeles
34.17552423	118.1002902	Los Angeles
34.1871757	118.1427232	Los Angeles

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CSMD Mapsheet 1704 Cleanout MMS No. 2658304C
CSMD Mapsheet 1906 Cleanout MMS No. 2660217B
CSMD 1906 Cleanout MMS No. 2665480B
CSMD Mapsheet 2017 Manhole 138 MMS No. 2665542B
CSMD Map Sheet 1535 Manhole 132 MMS No. 2669340
CSMD Map Sheet 2386 Manhole 205 MMS No. 2675706B
CSMD Map Sheet 2167 Manhole 16 MMS No. 2676995B
CSMD Map Sheet 1705 Los Angeles County Harbor UCLA Medical Center MMS No. 2692219C
CSMD Map Sheet 2124 Manhole 353 MMS No. 2705764B
CSMD Map Sheet 1906 112 W. Laurel Drive MMS No. 2707711B
CSMD Map Sheet 1699 Manhole 189 MMS No. 2716916
CSMD Map Sheet 1706 Manhole 249 MMS No. 2715289
CSMD Map Sheet 2172 MMS No. 2717728B
CSMD Map Sheet 1756 Manhole 113 MMS. No. 2733695
CSMD Map Sheet 1701 Manhole 88 MMS No. 2734981
CSMD Map Sheet 1754 Manhole 49 MMS No. 2741035C
CSMD Mapsheet No. 2016 Manhole 410 MMS No. 2742674B
CSMD Mapsheet 1699 Manhole 53 MMS No. 2742659C
CSMD Mapsheet 1859 Manhole 742 MMS No. 2754524
CSMD Mapsheet 1960 Manhole 187 MMS No. 2757046B
CSMD Mapsheet 2129 Manhole 324 MMS No. 2760769B
CSMD Mapsheet 1906 Manhole 556 MMS No. 2789750
CSMD Mapsheet 1859 Manhole 122 MMS No. 2799602
CSMD Mapsheet 1961 Manhole 289 MMS No. 2802889
CSMD Mapsheet 1961 Manhole 284 MMS No. 2803488
CSMD Mapsheet 1961 MMS No. 2809680
CSMD Mapsheet 1961 MMS No. 2809680 Related to SSO Event ID#654703
CSMD Mapsheet 1859 Manhole 100 MMS No. 2809731
Los Angeles County USC Medical Center MMS No. 2816793
CSMD Mapsheet 2262 Manhole 199 MMS No. 2821582
CSMD Mapsheet 2262 Manhole 183 MMS No. 2821637
CSMD Mapsheet 1859 Manhole 100 MMS No. 2830522
CSMD Mapsheet 1588 Manhole 13 MMS No. 2832561
CSMD Mapsheet 2076 Manhole 87 MMS No. 2834738
CSMD Mapsheet 2079 Manhole 566 MMS No. 2842861
CSMD Mapsheet 2076 Manhole 37 MMS No. 2847065
CSMD Mapsheet 1588 Manhole 9 MMS No. 2849668
CSMD Mapsheet 1705 Manhole 137 MMS No. 2857923
CSMD Mapsheet 1859 Manhole 756 MMS No. 2861619
CSMD Mapsheet 1588 Manhole 76 MMS No. 2866528
CSMD Mapsheet 1907 Cleanout MMS No. 2870157
CSMD Mapsheet 1907 Manhole 182 MMS No. 2871674
CSMD Mapsheet 2077 Manhole 68 MMS No. 2882119
CSMD Mapsheet 1535 Cleanout MMS No. 2883111
CSMD Mapsheet 2263 Manhole 346 MMS No. 2890390
CSMD Mapsheet 2221 MMS No. 2891648
CSMD Mapsheet 1753 Manhole 626 MMS No. 2906732
CSMD Mapsheet 2124 Manhole 166 MMS No. 2910665
CSMD Mapsheet 1961 Cleanout MMS No. 2915094
CSMD Mapsheet 2176 Manhole 56 MMS No. 2917896
CSMD Mapsheet 1961 Cleanout MMS No. 2922118
CSMD Mapsheet 1646 Cleanout MMS No. 2922932
CSMD Mapsheet 1961 MMS No. 2948764
CSMD Mapsheet 2014 Cleanout MMS No. 2948766
CSMD Mapsheet 1907 MMS No. 2955244

Other (specify)
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Cleanout
Cleanout
Cleanout

Private manhole within L.A. County Harbor UCLA Medical Center

plumbing fixtures

plumbing fixtures

Basement of residence located at 1626 Morada Place
Exposed pipe located in the backyard of residence located at 1616 Morada Place.

Private manhole within L.A. County USC Medical Center.

Cleanout

Cleanout

Spill appeared under residence located at 122 Eseverri Lane.

Cleanout

Cleanout
plumbing fixtures
Cleanout
Cleanout and plumbing fixtures from within residence located at 328 East Calaveras Street

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

Dominguez Channel
Arroyo Seco Spreading Grounds above Devils Gate Dam in Pasadena.
dirt channel
Absorbed into the ground at Manhole 138
Entered CDR 233039 to PD 265 outletting into a natural drainage course where is seeped into the ground.
Entered TG 599 to PD 176 outletting into a natural drainage course where it seeped into the ground.
Spill entered storm drain flowing to PD 709 outletting to a spreading ground at Peck Road County Park.
Spill ponded above the manhole and absorbed into a surrounding grass area.
Spill flowed down street and entered Manhole 352. Much of spill had evaporated upon arrival.
Leached into soil in the backyard of residence located at 112 W. Laurel Drive
Spill entered Vermont Avenue Drain into Compton Creek, which leads to the Los Angeles River.
Overflow drained into a parking lot drain behind an apartment complex. This drain appears to connect to the Wilmington
Overflowing from plumbing fixtures inside residence located at 1116 S. Ninth Avenue.
Storm Drain outletting into Compton Creek
Spill entered the storm drain to MTD 493 outletting into Compton Creek, which eventually leads to the Los Angeles River.
Spill entered storm drain flowing to Hooper Avenue drain to Compton Creek, eventually outletting into the Los Angeles Ri
Spill ponded around Manhole 410.
Spill entered storm drain to RDD 007 into Compton Creek outletting into the Los Angeles River.
Spill flowed from Manhole 742 onto the surrounding soil and pavement.
Spill entered storm drain 544 flowing into Rubio Wash, outletting into the Rio Hondo Channel.
Spill entered drain 531, which outlets into Coyote Creek North Fork into the San Gabriel River.
Spill leached into surrounding dirt and grass area.
Drainage system appears to outlet to LA River north of the 10 freeway.
Spill entered storm drain at 1917 Sinaloa Avenue flowing to the Rubio Wash to the Rio Hondo Channel, which eventually
Spill entered storm drain East of Manhole 284 flowing to RDD 75 to the Arroyo Seco Channel, which eventually leads to
Spill was contained in the basement area. Did not reach a storm drain or flood channel.
Exposed pipe in the backyard of residence located at 1616 Morada Place.
Overflowed from Manhole 100 onto surrounding soil.
Spill entered storm drain which leads to the Los Angeles River.
Spill entered storm drain to PD 1508, which eventually leads to San Jose Creek.
Spill entered storm drain to PD 1521, which eventually leads to San Jose Creek.
Spill entered storm drain flowing to the City Terrace Drainage System, which leads to the Los Angeles River.
Spill reached the gutter where it evaporated.
Spill entered storm drain on the Southwest corner of Loch Avon Drive and Norwalk Boulevard, which flows to the San Ga
Much of the spill absorbed into the ground. Remaining effluent was dammed around Manhole 566 and returned to the sev
Spill entered catch basin on the Northwest corner of Pioneer Blvd. and Orange Drive, which flows to the San Gabriel Rive
Spill flowed into storm drain located at 6122 Kings Road, which flows to the Centinela Channel to Ballona Creek.
Spill entered storm drain on the Southeast corner of Vermont Avenue and 214th Street, which leads to the Dominquez Ch
Spill entered storm drain on the Southeast corner of Record Avenue and Floral Drive, which flows to RDD 295 to the Los
Spill entered storm drain located at 6123 La Brea Avenue and did not appear to reach surface water.
Spill flowed onto the curb located on the West side of Kellogg Court where it evaporated approximately 100 feet from the
Spill entered storm drain at the Northeast corner of Montana St. and Lincoln Ave., which flows to the Arroyo Seco Channe
Spill entered storm drain located at 6819 Broadway Drive to Coyote Creek, which flows to the Los Angeles River.
Cleanout in parking garage
Spill entered storm drain on the eastside of Fullerton Road, which flows to PD 1570 outletting into natural terrain.
Residence located at 122 Eseverri Lane.
Spilled onto the pavement around Manhole 626.
Spill absorbed into the soil around Manhole 166.
Spill seeped into the ground around cleanout location.
Spill entered PD 532 to Coyote Creek, which leads to the Los Angeles River.
Spill absorbed into the ground around cleanout located in backyard of residence located at 1512 Braeburn Road.
Spill entered storm drain located on the Northeast corner of 124th Street and Western Avenue, which leads to Domingue:
Spill flowed from plumbing fixtures in residence located at 2071 Maiden Lane.
Spill leached into the ground around cleanout.
Spill flowed from residential cleanout and absorbed into the ground.

2/14/2007 6:45	2/14/2007 8:45	2/14/2007 9:30	2/14/2007 10:45
2/19/2007 11:20	2/19/2007 13:00	2/19/2007 14:30	2/19/2007 16:00
2/23/2007 7:29	2/23/2007 7:30	2/23/2007 8:15	2/23/2007 8:30
2/23/2007 10:06	2/23/2007 10:58	2/23/2007 11:30	2/23/2007 12:00
3/4/2007 19:00	3/4/2007 19:30	3/4/2007 20:50	3/4/2007 21:00
3/16/2007 22:55	3/16/2007 23:00	3/17/2007 1:00	3/17/2007 1:20
3/20/2007 13:28	3/20/2007 13:30	3/20/2007 13:40	3/20/2007 13:45
3/28/2007 14:37	3/28/2007 14:42	3/28/2007 15:20	3/28/2007 16:00
4/3/2007 11:23	4/3/2007 11:29	4/3/2007 11:59	4/3/2007 12:30
4/8/2007 15:45	4/8/2007 17:45	4/8/2007 19:00	4/8/2007 19:30
4/18/2007 18:30	4/18/2007 19:20	4/18/2007 19:45	4/18/2007 20:45
4/17/2007 10:02	4/17/2007 10:30	4/17/2007 11:10	4/17/2007 11:50
4/19/2007 20:09	4/19/2007 21:25	4/19/2007 22:25	4/19/2007 22:30
5/2/2007 12:11	5/2/2007 12:30	5/2/2007 13:00	5/2/2007 13:30
5/4/2007 11:18	5/4/2007 12:00	5/4/2007 14:00	5/4/2007 14:30
5/15/2007 20:34	5/15/2007 21:05	5/15/2007 22:35	5/15/2007 22:40
5/20/2007 21:35	5/20/2007 22:00	5/20/2007 23:45	5/21/2007 1:15
5/20/2007 11:30	5/20/2007 12:00	5/20/2007 13:30	5/20/2007 14:05
6/5/2007 9:48	6/5/2007 10:00	6/5/2007 10:30	6/5/2007 16:30
6/9/2007 9:43	6/9/2007 11:00	6/9/2007 12:30	6/9/2007 13:30
6/17/2007 19:08	6/17/2007 20:09	6/17/2007 21:20	6/17/2007 21:35
7/1/2007 9:01	7/1/2007 10:15	7/1/2007 11:30	7/1/2007 12:15
7/12/2007 15:30	7/12/2007 15:35	7/12/2007 16:00	7/12/2007 16:20
7/15/2007 10:58	7/15/2007 12:05	7/15/2007 13:20	7/15/2007 13:35
7/16/2007 9:25	7/16/2007 9:50	7/16/2007 10:50	7/16/2007 16:30
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7/20/2007 17:55	7/20/2007 18:00	7/20/2007 20:00	7/20/2007 22:00
7/22/2007 14:20	7/22/2007 15:20	7/22/2007 17:30	7/22/2007 20:30
7/31/2007 12:00	7/31/2007 12:15	7/31/2007 13:00	7/31/2007 13:30
8/4/2007 12:50	8/4/2007 13:05	8/4/2007 13:10	8/4/2007 14:00
8/5/2007 11:50	8/5/2007 12:10	8/5/2007 13:15	8/5/2007 14:15
8/19/2007 19:57	8/19/2007 21:00	8/19/2007 21:45	8/20/2007 4:30
8/21/2007 9:31	8/21/2007 10:25	8/21/2007 10:50	8/21/2007 11:15
8/23/2007 14:20	8/23/2007 14:25	8/23/2007 15:00	8/23/2007 15:00
9/1/2007 10:11	9/1/2007 10:25	9/1/2007 13:45	9/1/2007 14:45
9/9/2007 15:18	9/9/2007 16:00	9/9/2007 16:40	9/9/2007 17:30
9/12/2007 16:22	9/12/2007 17:00	9/12/2007 17:45	9/12/2007 21:15
9/24/2007 19:38	9/24/2007 20:00	9/24/2007 21:45	9/24/2007 22:45
9/26/2007 15:41	9/26/2007 15:45	9/26/2007 17:00	9/26/2007 17:30
10/3/2007 10:08	10/3/2007 10:30	10/3/2007 11:45	10/3/2007 13:00
10/10/2007 11:07	10/10/2007 11:15	10/10/2007 11:45	10/10/2007 12:00
10/13/2007 9:38	10/13/2007 10:55	10/13/2007 12:20	10/13/2007 13:45
10/28/2007 17:18	10/28/2007 19:30	10/28/2007 21:00	10/28/2007 21:20
10/29/2007 14:49	10/29/2007 14:50	10/29/2007 15:40	10/29/2007 16:15
11/10/2007 9:35	11/10/2007 11:30	11/10/2007 13:10	11/10/2007 13:30
11/14/2007 10:09	11/14/2007 10:15	11/14/2007 10:45	11/14/2007 11:30
11/26/2007 12:00	11/26/2007 12:10	11/26/2007 12:40	11/26/2007 13:45
12/2/2007 13:05	12/2/2007 13:10	12/2/2007 14:40	12/2/2007 15:40
12/9/2007 20:25	12/9/2007 20:30	12/9/2007 21:30	12/9/2007 22:00
12/13/2007 10:36	12/13/2007 10:50	12/13/2007 11:05	12/13/2007 11:10
12/21/2007 13:26	12/21/2007 13:30	12/21/2007 14:00	12/21/2007 14:15
12/24/2007 18:16	12/24/2007 18:40	12/24/2007 20:10	12/24/2007 21:00
1/12/2008 14:24	1/12/2008 15:10	1/12/2008 15:50	1/12/2008 16:00
1/12/2008 14:45	1/12/2008 16:30	1/12/2008 17:10	1/12/2008 17:10
1/23/2008 8:10	1/23/2008 8:15	1/23/2008 8:45	1/23/2008 9:15

Other (specify below)
Other (specify below)
Other (specify below)
Grease deposition (FOG)
Grease deposition (FOG)
Grease deposition (FOG)
Grease deposition (FOG)
Other (specify below)
Other (specify below)
Root intrusion
Grease deposition (FOG)
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Grease deposition (FOG)
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Root intrusion
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Vandalism
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Grease deposition (FOG)
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Other (specify below)
Root intrusion
Vandalism
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Grease deposition (FOG)
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Grease deposition (FOG)
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Other (specify below)
Grease deposition (FOG)
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Grease deposition (FOG)

Rocks and debris
Roots and rocks
Root intrusion and grease blockage

Rags
Roots and grease

Grease and grinds

Rags and grease
Roots and grease

Grease and Roots
Grease and Debris

Roots and Grinds
Roots and Grease
Roots and Grease

Rags

Bricks and cement in mainline.

Roots and Grease
Paper and Debris

Cement found in mainline, possibly due to contractor error or vandalism.

Roots and Rags
Rocks and paper
Roots and possible broken lateral.

Main

Main

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

We rodded mainline to relieve stoppage and returned remaining sewage into the system.
Crews dammed and returned the spill to the mainline. We also rodded the mainline to breadown a stoppage caused by rc
Spill went into a dirt channel where it was dammed and vacuumed.
We rodded the mainline and broke down a grease stoppage. Cleaned-up and washed down the area affected by the spill.
We contained the spill with absorbent socks and returned remaining sewage back to the system. Hydroed the mainline ar
We used hydro pressure equipment to break down a grease stoppage in the mainline. We contained the spill with absorb
Sewage overflowing from MH 16 and backed up into residence located at 253 Pamela Road. Hand rodded the mainline o
We rodded the private line and broke down a heavy rag blockage. Spill debris was contained and returned to the sewer s
Upon arrival, we observed signs of an overflow. Pushed hand rods, broke down a root and grease blockage in the mainlir
Rodded the mainline on Laurel Drive and broke down a heavy root stoppage. Spill leached into soil in the backyard of res
Hydro pressure equipment was used to break down a heavy grease blockage in the mainline. Contained with absorbent s
Hydro pressure equipment was used to break down a grease blockage in the mainline. Contained with absorbent socks, r

We hydroed the mainline to break down grease stoppage.
Rodder equipment was used to break down a grease and grinds blockage in the mainline. Contained with absorbent sock
Hydro pressure equipment was used to break down a grease blockage in the mainline. Restored flow and cleaned-up spil
Rodded the mainline and broke down a root stoppage. Restored flow and cleaned-up spill area.
Used Rodder equipment to break down a stoppage in the mainline. Restored flow, vacuumed and cleaned-up spill area.
Used hand rods to break down a blockage in the mainline. Restored flow, but unable to contain. Spill leached into the gro
Contained the spill using absorbent socks. Rodder equipment was used to break down a root blockage in the mainline. Re
Spill was contained with absorbent socks. Rodder equipment was used to alleviate a root intrusion and restore the flow in
Spill flowed from Manhole 556 onto a surrounding dirt and grass area. Contained using absorbent socks. Remaining efflu

Attempted containment, with a dirt dam, at storm drain located at 1917 Sinaloa Avenue. Rodder equipment was used to b
Attempted to contain with absorbent socks. Rodder and Hydro pressure equipment were used to break down a mainline b
Hydro pressure equipment was used to break down a mainline blockage and to restore flow. Spill was fully contained with
Hydro pressure equipment was used to break down a mainline blockage and to restore flow. Spill was contained within th
Contained using absorbent socks. Hydro pressure equipment was used to break down a mainline blockage and to restore

Hand rods and hydro pressure equipment, approximately 10,050 gallons of water, was used to break down a blockage in

Unable to contain due to spill location in a right-of-way. Spill absorbed into the ground around Manhole 566 and remaining

Removed plastic lateral lining from manhole, which was the source of the mainline blockage.

Rodder equipment was used to break down a mainline root intrusion and restore flow. Washed down curbside and returne

Spill discharged into parking garage and flowed back into the cleanout in the parking garage, where it returned to the sew

Rodder and Hydro pressure equipment was used to break down a mainline stoppage. Sewage collected under residence

Rodder equipment was used to break down a mainline root intrusion and restore flow. No solids present.
Hydro Vactor equipment was used to vacuum remaining effluent.

Spill was fully contained in the basement within the residence located at 2071 Maiden Lane. Carl Warren and Company
Upon arrival, observed signs of an overflow. It appeared that spill had leached into the ground around the cleanout. Rod
Hydro equipment was used to break down a mainline blockage and restore flow. Spill flowed from plumbing fixtures and

2/14/2007 14:00
2/19/2007 17:45

3/3/2007 21:30
3/17/2007 2:30
3/20/2007 16:45

4/18/2007 22:15
4/17/2007 12:30

5/2/2007 14:00
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5/15/2007 23:15

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11/10/2007 14:30

12/13/2007 12:35

Other (specify below)
Added sewer to preventive maintenance program

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

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

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

Added sewer to preventive maintenance program

spill was caused by a random act of vandalism. No corrective action will be taken.

No corrective action taken. Mainline back up was due to a previous cleaning.

Closed Circuit Televising to be conducted on the mainline to determine the necessary preventive measures to be taken.

The Consolidated sewer Maintenance District is not responsible for maintaining the sewer lines related to this event. Assi

Bricklayer to place set screws in Manhole 100 and Manhole 99 to prevent unlawful opening of Manhole covers.

No corrective action necessary, due to vandalism.

Mainline to be inspected using CCTV equipment to determine the condition.
Continuous bypass being performed until mainline is repaired. In an attempt to repair the mainline, our crews attempted t
Mainline to be televised to determine condition.

Mainline to be televised using CCTV equipment.

No
No

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No

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Dominguez Channel which flows into the L.A. Harbor.
Altadena System storm drain which discharges into the Arroyo Seco spreading grounds above Devils Gate Dam.

No impact. Spill entered CDR 233039 to PD 265 outletting into a natural drainage course where it seeped into ground.
No impact. Spill entered TG 599 to PD 176 outletting into a natural drainage course where it seeped into the ground.
Spill entered storm drain flowing to PD 709 outletting to a spreading ground at Peck Road County Park.

Compton Creek and the Los Angeles River
Machado Lake

Compton Creek
Los Angeles River
Los Angeles River

Los Angeles River

Rio Hondo Channel
San Gabriel River

Los Angeles River
Los Angeles River
Los Angeles River

Los Angeles River
San Jose Creek
San Jose Creek
Los Angeles River

San Gabriel River

San Gabriel River
Ballona Creek
Dominguez Channel
Los Angeles River
No impact. No signs of spill reaching surface water; however, storm drain flows to Centinela Channel to Ballona Creek.

Los Angeles River
Spill flowed to Coyote Creek, which leads to the Los Angeles River.

No impact. No evidence of spill reaching surface water.

Los Angeles River

Spill was fully captured.

No water quality samples taken
No water quality samples taken

No water quality samples taken
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No water quality samples taken

71000	2/14/2007 19:10
71103	2/20/2007 11:25
71182	2/23/2007 9:19
71230	2/26/2007 9:10
71104	3/4/2007 8:45
71709	3/17/2007 1:55
71786	3/20/2007 14:13
71982	3/28/2007 17:47
72101	4/3/2007 16:22
72200	4/8/2007 20:00
72400	4/18/2007 22:10
72367	4/17/2007 13:40
72429	4/19/2007 23:50
72674	5/2/2007 15:30
72719	5/4/2007 14:50
72968	5/15/2007 23:20
73093	5/21/2007 1:25
73084	5/20/2007 15:30
73414	6/5/2007 12:01
73497	6/9/2007 14:55
73655	6/17/2007 22:03
73943	7/1/2007 12:20
74187	7/12/2007 17:13
74243	7/15/2007 16:48
74253	7/16/2007 17:00
74365	7/20/2007 21:45
74365	7/20/2007 21:45
74394	7/22/2007 20:35
74589	7/31/2007 14:19
74677	8/4/2007 14:45
74688	8/5/2007 14:25
74968	8/20/2007 4:46
75005	8/21/2007 11:28
75069	8/23/2007 15:38
75297	9/1/2007 16:30
75479	9/9/2007 18:15
75566	9/12/2007 21:45
75843	9/24/2007 23:20
75900	9/26/2007 16:33
76021	10/3/2007 12:25
76149	10/10/2007 12:39
76247	10/13/2007 12:30
76608	10/28/2007 19:41
76645	10/29/2007 17:00
76933	11/10/2007 11:20
77033	11/14/2007 12:20
77294	11/26/2007 14:00
77434	12/2/2007 15:40
77606	12/9/2007 21:57
77684	12/13/2007 11:20
77844	12/21/2007 14:25
77904	12/25/2007 2:05
80392	1/12/2008 16:32
80396	1/12/2008 19:29
80642	1/23/2008 9:56

4SSO11365	Active	712258	Nicholas Agbobu	Certified
4SSO11365	Active	712498	Nicholas Agbobu	Certified
4SSO11365	Active	712680	Nicholas Agbobu	Certified
4SSO11365	Active	712805	Nicholas Agbobu	Certified
4SSO11365	Active	712825	Nicholas Agbobu	Certified
4SSO11365	Active	713424	Nicholas Agbobu	Certified
4SSO11365	Active	714079	Nicholas Agbobu	Certified
4SSO11365	Active	714816	Nicholas Agbobu	Certified
4SSO11365	Active	714941	Nicholas Agbobu	Certified
4SSO11365	Active	715305	Nicholas Agbobu	Certified
4SSO11365	Active	715306	Nicholas Agbobu	Certified
4SSO11365	Active	715593	Nicholas Agbobu	Certified
4SSO11365	Active	716045	Nicholas Agbobu	Certified
4SSO11365	Active	716046	Nicholas Agbobu	Certified
4SSO11365	Active	716047	Nicholas Agbobu	Certified
4SSO11365	Active	716108	Nicholas Agbobu	Certified
4SSO11365	Active	716138	Nicholas Agbobu	Certified
4SSO11365	Active	717037	Nicholas Agbobu	Certified
4SSO11365	Active	717041	Nicholas Agbobu	Certified
4SSO11365	Active	717668	Nicholas Agbobu	Certified
4SSO11365	Active	718246	Nicholas Agbobu	Certified
4SSO11365	Active	719212	Nicholas Agbobu	Certified
4SSO11365	Active	720376	Nicholas Agbobu	Certified
4SSO11365	Active	724585	Nicholas Agbobu	Certified
4SSO11365	Active	725686	Nicholas Agbobu	Certified
4SSO11365	Active	725930	Nicholas Agbobu	Certified
4SSO11365	Active	726267	Nicholas Agbobu	Certified
4SSO11365	Active	726413	Nicholas Agbobu	Certified
4SSO11365	Active	726474	Nicholas Agbobu	Certified
4SSO11365	Active	726481	Nicholas Agbobu	Certified
4SSO11365	Active	726485	Nicholas Agbobu	Certified
4SSO11365	Active	727535	Nicholas Agbobu	Certified
4SSO11365	Active	727831	Nicholas Agbobu	Certified
4SSO11365	Active	728567	Nicholas Agbobu	Certified
4SSO11365	Active	728896	Nicholas Agbobu	Certified
4SSO11365	Active	728932	Nicholas Agbobu	Certified
4SSO11365	Active	729134	Nichplas A. Agbobu	Certified
4SSO11365	Active	729136	Nicholas A. Agbobu	Certified
4SSO11365	Active	732583	Nicholas A. Agbobu	Certified
4SSO11365	Active	733828	Nicholas A. Agbobu	Certified
4SSO11365	Active	735003	Nicholas A. Agbobu	Certified
4SSO11365	Active	735091	Nicholas A. Agbobu	Certified
4SSO11365	Active	735379	Nicholas A. Agbobu	Certified
4SSO11365	Active	735381	Nicholas A. Agbobu	Certified
4SSO11365	Active	735431	Nicholas A. Agbobu	Certified
4SSO11365	Active	735955	Nicholas A. Agbobu	Certified
4SSO11365	Active	736538	Nicholas A. Agbobu	Certified
4SSO11365	Active	736621	Nicholas A. Agbobu	Certified
4SSO11365	Active	736895	Nicholas A. Agbobu	Certified
4SSO11365	Active	740222	Nicholas A. Agbobu	Certified
4SSO11365	Active	741421	Nicholas A. Agbobu	Certified
4SSO11365	Active	742837	Nicholas A. Agbobu	Certified
4SSO11365	Active	742859	Nicholas A. Agbobu	Certified
4SSO11365	Active	744280	Nicholas A. Agbobu	Certified
4SSO11365	Active	745185	Nicholas A. Agbobu	Certified

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Alhambra	484085
Alhambra	586684
Alhambra	997334
Alhambra	513480
Alhambra	175707
Alhambra	763932
Alhambra	409758
Alhambra	614915
Alhambra	705028
Alhambra	318274
Alhambra	473301
Alhambra	860380
Alhambra	557645
Alhambra	241786
Alhambra	283229
Alhambra	848355
Alhambra	191045
Alhambra	873963
Alhambra	125721
Alhambra	470286
Alhambra	978984
Alhambra	618689
Alhambra	366475
Alhambra	263955
Alhambra	618261
Alhambra	844554
Alhambra	311561
Alhambra	938367
Alhambra	800324
Alhambra	199882
Alhambra	217683
Alhambra	310853
Alhambra	411038
Alhambra	466479
Alhambra	509152
Alhambra	686117
Alhambra	146922
Alhambra	852453
Alhambra	506234
Alhambra	260611
Alhambra	656160
Alhambra	369618
Alhambra	275254
Alhambra	402196
Alhambra	427915
Alhambra	347017
Alhambra	187295
Alhambra	734253
Alhambra	399109
Alhambra	784981
Alhambra	735737
Alhambra	305826
Alhambra	376884
Alhambra	735386
Alhambra	329110

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

Category 1	1800	500
Category 1	200	100
Category 1	50	0
Category 3	200	0
Category 1	50	10
Category 1	200	50
Category 1	100	50
Category 1	100	25
Category 3	50	50
Category 3	20	0
Category 1	500	400
Category 1	1000	200
Category 3	100	0
Category 3	100	0
Category 3	300	0
Category 3	20	0
Category 1	250	50
Category 3	20	0
Category 1	500	200
Category 1	500	200
Category 1	600	100
Category 3	25	0
Category 3	100	100
Category 1	200	0
Category 3	50	0
Category 3	100	100
Category 3	25	0
Category 1	100	70
Category 1	500	0
Category 3	200	0
Category 3	100	0
Category 1	1000	100
Category 1	400	0
Category 1	500	200
Category 3	400	400
Category 1	100	80
Category 3	50	50
Category 3	50	50
Category 1	100	50
Category 2	3000	200
Category 3	100	0
Category 3	30	0
Category 3	100	0
Category 3	100	0
Category 3	200	100
Category 1	200	25
Category 3	30	20
Category 3	25	0
Category 3	20	0
Category 1	150	25
Category 3	500	500
Category 1	200	0
Category 3	150	0
Category 1	500	100
Category 1	2000	500

1300	Yes	Yes
100	Yes	Yes
50	Yes	Yes
	No	No
40	Yes	Yes
150	Yes	Yes
50	Yes	Yes
75	Yes	Yes
0	No	No
0	No	No
100	Yes	Yes
800	Yes	Yes
0	No	No
0	No	No
0	No	No
0	No	No
200	Yes	Yes
0	No	No
300	Yes	Yes
300	Yes	Yes
500	Yes	Yes
0	No	No
0	No	No
200	Yes	Yes
0	No	No
0	No	No
0	No	No
30	Yes	Yes
500	Yes	Yes
0	No	No
0	No	No
900	Yes	Yes
400	Yes	Yes
300	Yes	Yes
0	No	No
20	Yes	Yes
0	No	Yes
0	No	Yes
50	Yes	Yes
0	No	No
0	No	No
0	No	No
0	No	No
0	No	No
0	No	No
175	Yes	Yes
0	No	No
0	No	No
0	No	No
125	Yes	Yes
0	No	No
200	Yes	Yes
0	No	No
400	Yes	Yes
1500	Yes	Yes

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 a separate storm drainpipe
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1906-0227
1275-0031
1534-0128
2020-0474
1756-0072
1906-0071
1914-0316
1702-0239
2016 - 800 South Michillinda Avenue (Michillinda Park)
1587-4188 Angeles Vista Blvd.
1587-0024
2129-0321
1860-3969 Gleason Street
1860-3971 Gleason Street
1860-3956 Gleason Street
1961-1752 Elizabeth Street
1702-0228
1961-0306
1588-0112
1699-0063
2219-0684
1961-0298
1754-0049
2016-0292
1960 - 1647 East Loma Alta Drive
1907 - 740 West Woodbury Road
2017 - 8554 Lorain Road
1808-0045
2172-0318
2172 - 15003 Wallbrook Drive
2172 - 953 9th Avenue
2386-0205
1091-0153
1961-0509
1587 - 4220 Victoria Avenue
1808-0045
1808-0032
1808-0034
2305-0370
2221-0026
1906 - 2923 North Casitas Avenue
1960 - 1281 Sunny Oaks Circle
1961 - 956 New York Drive
1961 - 932 New York Drive
1757-0078
2018-0022
1961-0257
2171 - 13321 Alanwood Road
1859-0681
2171-0456
1860 - 4000 Block of 3rd Street
1906-0009
1906-0016
2173-0573
1914-0135

34.19196065	118.1562009	Los Angeles
34.04404318	118.5690471	Los Angeles
33.99250042	118.3768004	Los Angeles
34.05305178	118.1019941	Los Angeles
33.90598321	118.2609825	Los Angeles
34.19691746	118.1657825	Los Angeles
34.03345736	118.1536456	Los Angeles
33.89542051	118.2764296	Los Angeles
34.1311497	118.0703111	Los Angeles
34.00533526	118.3363208	Los Angeles
34.00624477	118.3368853	Los Angeles
33.92500621	118.0290537	Los Angeles
34.03525916	118.1801859	Los Angeles
34.03447012	118.1809514	Los Angeles
34.03447012	118.1809514	Los Angeles
34.17331818	118.1134775	Los Angeles
33.89902437	118.2762064	Los Angeles
34.17410498	118.1155369	Los Angeles
33.98855006	118.3585437	Los Angeles
33.94602422	118.2927632	Los Angeles
33.99124755	117.9501578	Los Angeles
34.17851376	118.1158941	Los Angeles
33.9512549	118.2530106	Los Angeles
34.1279712	118.0914184	Los Angeles
34.19407749	118.1160162	Los Angeles
34.18231075	118.1641648	Los Angeles
34.12662003	118.083616	Los Angeles
33.97307394	118.232554	Los Angeles
34.01748327	117.9793701	Los Angeles
34.01748327	117.9793701	Los Angeles
34.01748327	117.9793701	Los Angeles
34.10309808	117.837624	Los Angeles
34.13088694	118.7581495	Los Angeles
34.1722602	118.107422	Los Angeles
34.00528066	118.3339165	Los Angeles
33.97307394	118.232554	Los Angeles
33.96867774	-118.2323465	Los Angeles
33.96874661	-118.2325311	Los Angeles
33.98989832	117.8867233	Los Angeles
33.94613788	-117.9588195	Los Angeles
34.19583012	-118.1633804	Los Angeles
34.19714711	-118.1216947	Los Angeles
34.17840287	-118.1317265	Los Angeles
34.17840841	-118.1309264	Los Angeles
33.89791766	-118.2653656	Los Angeles
34.100483	-118.088519	Los Angeles
34.18485011	-118.1297983	Los Angeles
34.04299204	-118.0030341	Los Angeles
34.05059068	-118.1823387	Los Angeles
34.03221837	-117.9773315	Los Angeles
34.03341789	-118.1816596	Los Angeles
34.20694599	-118.1646745	Los Angeles
34.20525552	-118.1642379	Los Angeles
33.98905718	-117.9928177	Los Angeles
34.03552094	-118.1637331	Los Angeles

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CSMD Mapsheet 1906 Manhole 227 MMS No. 2963029
CSMD Mapsheet 1275 Manhole 31 MMS No. 2964010
CSMD Mapsheet 1534 Manhole 128 MMS No. 2966536
CSMD Mapsheet 2020 Manhole 474 MMS No. 2967634
CSMD Mapsheet 1756 Manhole 72 MMS No. 2968709
CSMD Mapsheet 1906 Manhole 71 MMS No. 2971458
CSMD Mapsheet 1914 Manhole 316 MMS No. 2977293
CSMD Mapsheet 1702 Manhole 239 MMS No. 2983977
CSMD Mapsheet 2016 MMS No. 2986512
CSMD Mapsheet 1587 MMS. No. 2990621
CSMD Mapsheet 1587 Manhole 24 MMS. No. 2990621
CSMD Mapsheet 2129 Manhole 321 MMS No. 2989189
CSMD Mapsheet 1860 MMS No. 3013983
CSMD Mapsheet 1860 MMS No. 3013983
CSMD Mapsheet 1860 MMS No. 3013983
CSMD Mapsheet 1961 MMS No. 3017254
CSMD Mapsheet 1702 Manhole 228 MMS No. 3018413
CSMD Mapsheet 1961 Manhole 306 MMS No. 3039474B
CSMD Mapsheet 1588 Manhole 112 MMS No. 3038740
CSMD Mapsheet 1699 Manhole 63 MMS No. 3045707
CSMD Mapsheet No. 2219 Manhole 684 MMS No. 3050388
CSMD Mapsheet 1961 Manhole 298 MMS No. 3060169
CSMD Mapsheet 1754 Manhole 49 MMS No. 3075384
CSMD Mapsheet 2016 Manhole 292 MMS No. 3108411
CSMD Mapsheet 1960 MMS No. 3124800
CSMD Mapsheet 1907 Clean-out MMS No. 3129249
CSMD Mapsheet 2017 Clean-out MMS No. 3131884
CSMD Mapsheet 1808 Manhole 45 MMS No. 3133116
CSMD Mapsheet 2172 Manhole 318 MMS No. 3133461B
CSMD Mapsheet 2172 Flood-out MMS No. 3133461B2
CSMD Mapsheet 2172 Flood-out MMS No. 3133461B1
CSMD Mapsheet Manhole 205 MMS No. 3148479
CSMD Mapsheet 1091 Manhole 153 MMS No. 3153108
CSMD Mapsheet No. 1961 Manhole 509 MMS No. 3159757
CSMD Mapsheet No. 1587 MMS No. 3166501
CSMD Mapsheet No. 1808 Manhole 45 MMS No. 3167587
CSMD Mapsheet No. 1808 Manhole 32 MMS No. 3171135
CSMD Mapsheet No. 1808 Manhole 34 MMS No. 3171135
CSMD Mapsheet 2305 Manhole 370 MMS No. 3216509
CSMD Mapsheet 2221 Manhole 26 MMS No. 3230351
CSMD Mapsheet 1906 MMS No. 3247007
CSMD Mapsheet 1960 (Flood-out) MMS No. 3246964
CSMD Mapsheet 1961 (Flood-out) MMS No. 3249868
CSMD Mapsheet 1961 (Flood-out) MMS No. 3249868
CSMD Mapsheet 1757 Manhole 78 MMS No. 3250807
CSMD Mapsheet 2018 Manhole 22 MMS No. 3260160
CSMD Mapsheet 1961 Manhole 257 MMS No. 3267853
CSMD Mapsheet 2171 (Clean-out) MMS No. 3268819
CSMD Mapsheet 1859 Manhole 681 MMS No. 3271537
CSMD Mapsheet 2171 Manhole 456 MMS No. 3308438
CSMD Mapsheet 1860 (Manhole not in CSMD map, West of Manhole 451) MMS No. 3336358
CSMD Mapsheet 1906 Manhole 9 MMS No.4008944
CSMD Mapsheet 1906 Manhole 16 MMS No. 4009840
CSMD Mapsheet 2173 Manhole 573 MMS No. 4027312
CSMD Mapsheet 1914 Manhole 135 MMS No. 4039001

Manhole
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Plumbing fixtures
Plumbing fixtures

Cleanout
Cleanout
Cleanout
Cleanout

Mainline break (sewage seeping from the ground in-line with manholes No. 266 and 267).
Clean-out
Clean-out

Clean-out and Plumbing Fixtures
Clean - out and Plumbing Fixtures

Floor Drain

Clean-out
Plumbing fixture
Clean-out
Clean-out

Clean-out

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

Spill entered storm drain, which flows to the Arroyo Seco Channel to the Los Angeles River.
Spill entered storm drain, which leads to the Pacific Ocean.
Spill entered storm drain at 5441 Senford Avenue, which leads to Centinela Creek to Ballona Creek.
Spill absorbed into the ground.
Spill entered storm drain on the corner of McKinley Avenue and 138th Street, which leads to Compton Creek to the Los A
Spill entered storm drain at 2931 Crestford Ave., which flows to the Arroyo Seco Spreading Grounds.
Spill entered storm drain which flows into Los Angeles River.
Spill entered storm drain at 15025 South Main Street, which leads to the Dominguez Channel.
Spill flowed from plumbing fixtures into Michillinda Park restroom where it was self contained.
Spill flowed from plumbing fixtures into the basement at 4188 Angeles Vista Blvd.
Unnamed terrain.
Spill entered storm drain which leads to Coyote Creek to the Los Angeles River.
Spill flowed from cleanouts into driveway between 3969 and 3971 Gleason Street and settled at the driveway.
Spill settled at the driveway between 3969 and 3971 Gleason Street.
Under house at 3956 Gleason Street
Spill flowed from cleanout and dissipated into ground under residence.
Spill entered storm drain at 234 West 146th Street and flow to natural terrain.
Spill evaporated on asphalt.
Spill entered storm drain on North/South Slauson Avenue, which leads to a natural terrain.
Spill entered into a storm drain at 9701 South Vermont Avenue, which leads to natural terrain.
Spill entered into a storm drain at 2114 Santa Bianca Drive, which leads to the San Gabriel River.
Flow had evaporated before Crews arrival.

Spill overflowed from manhole #292 into storm drain, which leads to Rio Hondo Channel.
Spill overflowed from the ground in-line with manholes No. 266 and 267, into the residents vegetation on side of a house.
Spill overflowed from clean-out into the maintenance yard, school.
Spill overflowed from a clean-out into a garden at the residence.
Spill overflowed from Manhole No. 45 into the storm drain at 7400 Roseberry Street, which leads to Los Angeles River.
Spill overflowed from Manhole No. 318 into a storm drain, which leads to Turnvalle Drain.
Portion of the spill overflowed into unpaved areas through the clean-out and dissipated into the ground. Some escaped tl
Portion of the spill overflowed into unpaved areas through the clean - out and disipated into the ground. Some escaped t
Spill entered storm drain, which is tributary to San Gabriel River.
Spill overflowed from Manhole No. 153 and entered into a storm drain, which leads to Medea Creek/Malibu Lake.
Spill overflowed from Manhole No. 509 and entered into a storm drain at North West corner of Pepper Drive and Washin
Residents Basement
Spill overflowed from Manhole No. 45 and entered into a strom drain, which is tributary to Los Angeles River.
Flood basin
Flood Basin
Companario Drain
Spill (approx. 2800) overflowed from Manhole No. 26 and flowed into heavy vegetation around manhole area. Also, ove
Sewage leached into the ground.
Inside the house at 1281 Sunny Oaks Circle.
Spill overflowed from clean-out and flowed into residents flower bed.
Spill overflowed from clean-out and flowed into residents basement.
Spill overflowed from manhole 78 and flowed into a gutter. Spill did not reach into a storm drain.
Rio Hondo Channel which is tributary to Los Angeles River.
Spill overflowed from manhole (257) and flowed into dirt around manhole.
Spill (gray water) overflowed from the clean-out and flowed into the rear back yard, which absorbed into the ground.
Spill overflowed from manhole (681) and flowed into the surrounding area near manhole (681) and leached into ground.
Spill overflowed from manhole 456 and flowed into a storm drain, which is tributary to San Gabriel River.
Spill overflowed from manhole (not in Consolidated Sewer Maintenance map), and flowed into manhole 453.
Spill overflowed from manhole 9 and flowed into a storm drain, which is tributary to Los Angeles River.
Spill overflowed from manhole 16, and flowed into the soil surrounding manhole 16 on the side of hillside.
PD 630, which leads to unnamed terrain.
Spill overflowed from manhole 135 and flowed into a storm drain, which is tributary to Los Angeles River.

2/3/2008 12:30	2/3/2008 14:21	2/3/2008 15:45	2/3/2008 15:55
2/4/2008 18:24	2/4/2008 18:50	2/4/2008 20:40	2/4/2008 22:00
2/7/2008 19:16	2/7/2008 19:45	2/7/2008 21:30	2/7/2008 23:00
2/11/2008 12:07	2/11/2008 12:25	2/11/2008 13:30	2/11/2008 20:15
2/13/2008 10:17	2/13/2008 10:35	2/13/2008 11:00	2/13/2008 12:35
2/20/2008 8:00	2/20/2008 8:09	2/20/2008 9:10	2/20/2008 9:35
2/26/2008 15:03	2/26/2008 15:10	2/26/2008 15:50	2/26/2008 16:35
3/10/2008 8:35	3/10/2008 8:30	3/10/2008 8:30	3/10/2008 9:45
3/14/2008 8:22	3/14/2008 8:57	3/14/2008 9:25	3/14/2008 10:20
3/23/2008 11:38	3/23/2008 13:00	3/23/2008 14:15	3/23/2008 15:15
3/23/2008 11:38	3/23/2008 13:00	3/23/2008 14:15	3/23/2008 15:15
3/19/2008 16:08	3/19/2008 18:55	3/19/2008 19:55	3/19/2008 20:15
4/8/2008 17:26	4/8/2008 18:30	4/8/2008 20:15	4/8/2008 21:00
4/8/2008 17:26	4/8/2008 18:30	4/8/2008 20:15	4/8/2008 21:00
4/8/2008 17:26	4/8/2008 18:30	4/8/2008 20:15	4/8/2008 21:00
4/9/2008 10:19	4/9/2008 11:15	4/9/2008 11:45	4/9/2008 12:00
4/10/2008 15:38	4/10/2008 16:05	4/10/2008 16:45	4/10/2008 18:00
5/5/2008 16:24	5/5/2008 17:02	5/5/2008 17:55	5/5/2008 18:20
5/5/2008 8:06	5/5/2008 8:15	5/5/2008 9:15	5/5/2008 9:35
5/18/2008 11:40	5/18/2008 12:28	5/18/2008 13:30	5/18/2008 18:30
5/25/2008 14:50	5/25/2008 15:50	5/25/2008 17:30	5/25/2008 18:45
6/8/2008 11:10	6/8/2008 11:17	6/8/2008 13:20	6/8/2008 12:00
6/23/2008 22:11	6/23/2008 22:11	6/23/2008 23:34	6/23/2008 23:55
8/11/2008 13:56	8/11/2008 14:00	8/11/2008 14:45	8/11/2008 15:35
8/28/2008 7:29	8/28/2008 7:55	8/28/2008 8:15	8/28/2008 10:50
9/6/2008 16:30	9/6/2008 17:30	9/6/2008 18:45	9/6/2008 19:00
9/11/2008 11:14	9/11/2008 11:40	9/11/2008 13:00	9/11/2008 13:15
9/15/2008 13:37	9/15/2008 13:53	9/15/2008 14:30	9/15/2008 14:50
9/16/2008 6:56	9/16/2008 7:15	9/16/2008 7:45	9/16/2008 8:15
9/16/2008 6:56	9/16/2008 7:15	9/16/2008 7:45	9/16/2008 8:15
9/16/2008 6:56	9/16/2008 7:15	9/16/2008 7:45	9/16/2008 8:15
10/5/2008 11:10	10/5/2008 11:40	10/5/2008 13:15	10/5/2008 13:50
10/10/2008 20:20	10/10/2008 20:20	10/10/2008 22:05	10/11/2008 1:13
10/23/2008 20:17	10/23/2008 20:30	10/23/2008 21:55	10/23/2008 22:30
11/1/2008 9:30	11/1/2008 10:05	11/1/2008 11:45	11/1/2008 12:15
11/3/2008 13:30	11/3/2008 13:50	11/3/2008 14:50	11/3/2008 15:20
11/8/2008 15:00	11/8/2008 15:00	11/8/2008 17:00	11/8/2008 17:15
11/8/2008 15:00	11/8/2008 15:00	11/8/2008 17:00	11/8/2008 17:15
1/22/2009 20:55	1/22/2009 21:10	1/22/2009 23:15	1/23/2009 1:00
2/14/2009 12:09	2/14/2009 13:05	2/14/2009 14:45	2/14/2009 16:00
3/15/2009 13:50	3/15/2009 15:35	3/15/2009 17:15	3/15/2009 17:40
3/13/2009 16:45	3/13/2009 16:45	3/13/2009 18:00	3/13/2009 22:00
3/20/2009 9:34	3/20/2009 9:40	3/20/2009 10:00	3/20/2009 10:15
3/20/2009 9:34	3/20/2009 9:40	3/20/2009 10:00	3/20/2009 10:15
3/23/2009 11:08	3/23/2009 11:13	3/23/2009 11:45	3/23/2009 12:30
4/2/2009 13:30	4/2/2009 13:30	4/2/2009 14:00	4/2/2009 14:10
4/18/2009 9:54	4/18/2009 11:00	4/18/2009 13:10	4/18/2009 13:30
4/20/2009 18:18	4/20/2009 19:40	4/20/2009 21:00	4/20/2009 21:30
4/24/2009 11:54	4/24/2009 12:15	4/24/2009 12:45	4/24/2009 14:30
6/25/2009 11:05	6/25/2009 11:15	6/25/2009 11:25	6/25/2009 11:35
7/15/2009 11:45	7/15/2009 11:45	7/15/2009 12:00	7/15/2009 15:00
8/9/2009 23:45	8/9/2009 23:45	8/9/2009 1:10	8/9/2009 2:25
8/10/2009 14:40	8/10/2009 14:40	8/10/2009 14:55	8/10/2009 15:00
9/1/2009 20:57	9/1/2009 21:33	9/1/2009 22:40	9/1/2009 23:30
9/24/2009 9:10	9/24/2009 9:20	9/24/2009 10:15	9/24/2009 10:30

Root intrusion
Root intrusion
Other (specify below)
Root intrusion
Grease deposition (FOG)
Root intrusion
Vandalism
Other (specify below)
Other (specify below)
Other (specify below)
Other (specify below)
Root intrusion
Other (specify below)
Other (specify below)
Other (specify below)
Other (specify below)
Grease deposition (FOG)
Root intrusion
Grease deposition (FOG)
Other (specify below)
Root intrusion
Root intrusion
Grease deposition (FOG)
Root intrusion
Vandalism
Root intrusion
Root intrusion
Other (specify below)
Root intrusion
Root intrusion
Root intrusion
Grease deposition (FOG)
Other (specify below)
Root intrusion
Grease deposition (FOG)
Other (specify below)
Other (specify below)
Other (specify below)
Other (specify below)
Root intrusion
Root intrusion
Root intrusion
Grease deposition (FOG)
Grease deposition (FOG)
Root intrusion
Grease deposition (FOG)
Root intrusion
Root intrusion
Grease deposition (FOG)
Other (specify below)
Vandalism
Other (specify below)
Other (specify below)
Grease deposition (FOG)
Other (specify below)

Roots and Grease

Suspected cause was rags, due to vandalism.
Grease/Debris
Industrial rags and rocks.
Industrial rags and rocks.

Heavy roots and grease.
Heavy roots and grease.
Heavy roots and grease.
Roots and rags.

Heavy roots and grease.

Rocks/Debris

Broken pieces of clay and heavy grimes.

Rocks and paper.
Brick and Grease
Brick and Grease
Heavy roots and grease stoppage.

Debris and grinds.
Contractor negligence (asphalt, debris)
Roots and Rags
Accumulated roots and rags in the siphon, possibly caused by the stoppage from the previous night (Work Order No. 400

Roots intrusion and Grease deposition.

Main
Main

Main

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

Upon arrival, observed signs of an overflow.
Rodder equipment was used to break down a mainline blockage and restore flow. Unable to contain due to spill absorbin

Rodder equipment was used to break down a mainline blockage and restore flow. Overflow was self contained in bathroc
Used rodder equipment to break down mainline blockage and restore flow. No containment needed. It was contained in

Hydro equipment was used to break down a mainline blockage and restore flow. Overflow was settled at the driveway be
Hydro equipment was used to break down mainline blockage and restore flow. Overflow was settled at the driveway betw
Hydro equipment was used to break down a mainline blockage and restore flow. Cleanup to be performed by Carl Warre
Used Rodder and Hydro equipment to breakdown a mainline blockage and restore flow. Spill was fully contained within r

Rodder equipment was used to break down a mainline blockage and restore flow. Affected area was free of solids and di

Rodder equipment was used to break down a mainline blockage and restore flow. No solids were present around manhol
Supervisor arrived at location at 12 PM and obdserved that waste water level in manhole was down and not overflowing.

Rodder equipment was used to break down a mainline root blockage and restore flow. Absorbent socks were placed on S
Upon arrival no manholes were overflowing and both manholes No. 266 and 267 were both in good condition. A camera
On 09/08/08 Gus Gonzales of Pasadena Unified School District called in regards to the overflow. He wanted further clea
Hydro equipment was used to break down a root stoppage and restore flow. No containment was necessary. Also, no so

Carl Warren & Company performed the clean-up.
Carl Warren & Company performed the clean up.

Upon arrival, overflow had stopped on its own, but overflowed for couple of hours and went into a storm drain in front of 4

Spill was fully contained in the basement and Carl Warren & Company performed clean up.

Sewage was fully contained.
Sewage was fully contained.

Manhole overflow also affected the property (back yard) on 1021 Citrus Street. Complainant was provided with Carl War
Upon arrival clean-out was not overflowing but showed signs of an overflow. Rodder equipment was used to break down
Initial call was received from 1256 East Loma Alta Drive. Upon arrival manhole 238 was up but not overflowing. Rodder
Resident was provided with Carl Warren & Company clean up service.
Resident was provided with Carl & Warren Company clean up service.

No containment implemented upon arrival and mainline was up but not overflowing. Rodder equipment was used to brea
Upon arrival manhole was up but not overflowing and it showed signs that it had overflowed prior to arrival. Hydro equipr

Bypassed by contractor (Sully Miller) and cleaned debris from manhole.

Hydro equipment was used to break down blockage in the mainline and restored flow.

2/3/2008 16:30
2/4/2008 23:30
2/7/2008 23:50

2/13/2008 14:00
2/20/2008 10:45
2/26/2008 18:20
3/10/2008 10:30

3/23/2008 16:00
3/19/2008 20:40

4/10/2008 19:45

5/5/2008 11:00
5/18/2008 18:50
5/25/2008 20:30

8/11/2008 16:00

9/15/2008 15:50
9/16/2008 9:10

10/5/2008 15:20
10/11/2008 2:00
10/24/2008 12:30

11/3/2008 17:00

1/23/2009 2:00
2/14/2009 20:00

4/2/2009 15:00

6/25/2009 13:15

8/9/2009 4:00

9/2/2009 12:20
9/24/2009 11:30

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

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

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

Added sewer to preventive maintenance program

Other (specify below)
Added sewer to preventive maintenance program

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

Other (specify below)

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

Added sewer to preventive maintenance program

Added sewer to preventive maintenance program

Added sewer to preventive maintenance program

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

Mainline to be televised to determine if further action is needed.

Mainline sewer to be televised to determine further action.
Sewer mainline to be televised to determine if further action is needed.
Hydroed Mainline and broke down debris stoppage.
Mainline sewer to be televised to determine condition.

Mainline to be televised using CCTV equipment to determine if further action is needed.

Mainline to be televised to determine if further action is needed.

Mainline to be televised to determine if further action is needed.

Mainline to be televised to determine if further action is needed.

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
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

N/A
Topanga South Beach
N/A

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

N/A
N/A

N/A

N/A
N/A
N/A

N/A

N/A
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N/A
N/A

N/A

N/A

N/A

N/A
N/A

Los Angeles River
Pacific Ocean
Ballona Creek

Los Angeles River
Arroyo Seco Spreading Grounds.
Los Angeles River
Dominguez Channel

Spill flowed to unnamed terrain. No evidence of spill reaching surface water.
Los Angeles River

No impact. No evidence of spill reaching surface water.

No impact. No evidence of spill reaching surface water.
No impact. No evidence of spill reaching surface water.
San Gabriel River

Rio Hondo Channel

Los Angeles River
Turnvalle Drain

San Gabriel River
Medea Creek/Malibu Lake
L.A. River

Los Angels River (Per Eddie Maldonado at Flood Maintenance Division spill did not reach to surface water).
No impact. No evidence of spill reaching surface water.
No impact. No evidence of spill reaching surface water.
Companario Drain
Spill overflowed from Manhole No. 26 and flowed into heavy vegetation around manhole area. Also, overflow had affect

Rio Hondo Channel which is tributary to Los Angeles River.

San Gabriel River

Los Angeles River

Private Drainage (PD 630)
Los Angeles River

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

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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

Total coliform, E.coli, and Enteroccus

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

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

No water quality samples taken
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No water quality samples taken

No water quality samples taken
No water quality samples taken

No water quality samples taken

No water quality samples taken

No water quality samples taken

No water quality samples taken
No water quality samples taken

Eric Edwards with County Health Department

81046	2/3/2008 14:56
81076	2/4/2008 22:15
81180	2/7/2008 23:10
81264	2/12/2008 7:50
81302	2/13/2008 13:10
81445	2/20/2008 9:50
81627	2/26/2008 16:45
81941	3/10/2008 11:20
82060	3/14/2008 9:15
82265	3/23/2008 15:42
82265	3/23/2008 15:42
82194	3/19/2008 19:22
82657	4/8/2008 18:44
82657	4/8/2008 18:44
82657	4/8/2008 18:44
82677	4/9/2008 12:46
82709	4/10/2008 16:57
83282	5/5/2008 18:55
83256	5/5/2008 9:45
83596	5/18/2008 13:25
83752	5/25/2008 16:40
84091	6/8/2008 12:18
84484	6/24/2008 12:46
85823	8/11/2008 15:55
86318	8/28/2008 9:17
86520	9/6/2008 18:32
86658	9/11/2008 13:30
86745	9/15/2008 14:57
86763	9/16/2008 8:00
86763	9/16/2008 8:00
86763	9/16/2008 8:00
87194	10/5/2008 12:27
87347	10/10/2008 21:27
87671	10/23/2008 21:38
87865	11/1/2008 11:25
87919	11/3/2008 15:42
80865	11/8/2008 15:08
80865	11/8/2008 15:08
90675	1/22/2009 21:35
91277	2/14/2009 14:07
92284	3/15/2009 17:35
92256	3/14/2009 1:35
92411	3/20/2009 10:35
92411	3/20/2009 10:35
92459	3/23/2009 12:05
92705	4/2/2009 14:25
863048	4/18/2009 11:20
93125	4/20/2009 20:19
93227	4/24/2009 12:54
94592	6/25/2009 11:18
95023	7/15/2009 13:10
95552	8/9/2009 12:02
95569	8/10/2009 14:55
96075	9/1/2009 21:41
96517	9/24/2009 10:04

4SSO11365	Active	745188	Nicholas A. Agbobu	Certified
4SSO11365	Active	747193	Nicholas A. Agbobu	Certified
4SSO11365	Active	747814	Nicholas A. Agbobu	Certified
4SSO11365	Active	748451	Nicholas A. Agbobu	Certified
4SSO11365	Active	748851	Nicholas A. Agbobu	Certified
4SSO11365	Active	748852	Nicholas A. Agbobu	Certified
4SSO11365	Active	749649	Nicholas A. Agbobu	Certified
4SSO11365	Active	749815	Nicholas A. Agbobu	Certified
4SSO11365	Active	750605	Nicholas A. Agbobu	Certified
4SSO11365	Active	750974	Nicholas A. Agbobu	Certified
4SSO11365	Active	751350	Nicholas A. Agbobu	Certified
4SSO11365	Active	751351	Nicholas A. Agbobu	Certified
4SSO11365	Active	752187	Nicholas A. Agbobu	Certified
4SSO11365	Active	752210	Nicholas A. Agbobu	Certified
4SSO11365	Active	752286	Nicholas A. Agbobu	Certified
4SSO11365	Active	752384	Nicholas A. Agbobu	Certified
4SSO11365	Active	753474	Nicholas A. Agbobu	Certified
4SSO11365	Active	753475	Nicholas A. Agbobu	Certified
4SSO11365	Active	754235	Nicholas A. Agbobu	Certified
4SSO11365	Active	754606	Nicholas A. Agbobu	Certified
4SSO11365	Active	755021	Nicholas A. Agbobu	Certified
4SSO11365	Active	756447	Nicholas A. Agbobu	Certified
4SSO11365	Active	756861	Nicholas A. Agbobu	Certified
4SSO11365	Active	757017	Nicholas A. Agbobu	Certified
4SSO11365	Active	757196	Nicholas A. Agbobu	Certified
4SSO11365	Active	757874	Nicholas A. Agbobu	Certified
4SSO11365	Active	758110	Nicholas A. Agbobu	Certified
4SSO11365	Active	758437	Nicholas A. Agbobu	Certified
4SSO11365	Active	759892	Nicholas A. Agbobu	Certified
4SSO11365	Active	759954	Nicholas A. Agbobu	Certified
4SSO11365	Active	759965	Nicholas A. Agbobu	Certified
4SSO11365	Active	761361	Nicholas A. Agbobu	Certified
4SSO11365	Active	762377	Nicholas A. Agbobu	Certified
4SSO11365	Active	764784	Nicholas A. Agbobu	Certified
4SSO11365	Active	765241	Nicholas A. Agbobu	Certified
4SSO11365	Active	765858	Nicholas A. Agbobu	Certified
4SSO11365	Active	765928	Nicholas A. Agbobu	Certified
4SSO11365	Active	766156	Nicholas A. Agbobu	Certified
4SSO11365	Active	766256	Nicholas A. Agbobu	Certified
4SSO11365	Active	766258	Nicholas A. Agbobu	Certified
4SSO11365	Active	766261	Nicholas A.Agbobu	Certified
4SSO11365	Active	766264	Nicholas A. Agbobu	Certified
4SSO11365	Active	768193	Nicholas A. Agbobu	Certified
4SSO11365	Active	769857	Nicholas A. Agbobu	Certified
4SSO11365	Active	770558	Nicholas A. Agbobu	Certified
4SSO11365	Active	770834	Nicholas A. Agbobu	Certified
4SSO11365	Active	773210	Nicholas A. Agbobu	Certified
4SSO11365	Active	775241	Nicholas A. Agbobu	Certified
4SSO11365	Active	775257	Nicholas A. Agbobu	Certified
4SSO11365	Active	775284	Nicholas A. Agbobu	Certified
4SSO11365	Active	776019	Nicholas A. Agbobu	Certified
4SSO11365	Active	776464	Nicholas A. Agbobu	Certified
4SSO11365	Active	777498	Nicholas A. Agbobu	Certified
4SSO11365	Active	777621	Nicholas A. Agbobu	Certified
4SSO11365	Active	778112	Nicholas A. Agbobu	Certified

Senior Civil Engineer
Senior Civil Engineer
Senior Civil Engineer
Senior Civil Engineer
Senior Civil Engineer
Senior Civil Engineer
Senior Civil Engineer
Senior Civil Engineer
Senior Civil Engineer
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Nicholas A. Agbobu
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Alhambra	100502
Alhambra	681682
Alhambra	244795
Alhambra	637957
Alhambra	737534
Alhambra	336076
Alhambra	330774
Alhanbra	141662
Alhambra	386055
Alhambra	967810
Alhambra	581395
Alhambra	181320
Alhambra	471050
Alhambra	533897
Alhambra	949959
Alhambra	615143
Alhambra	544458
Alhambra	533685
Alhambra	437479
Alhambra	526718
Alhambra	242803
Alhambra	738051
Alhambra	385025
Alhambra	506053
Alhambra	893262
Alhambra	387566
Alhambra	411135
Alhambra	724628
Alhambra, CA	652690
Alhambra, CA	989283
Alhambra	676954
Alhambra	564394
Alhambra	574585
Alhambra	724649
Alhambra	423566
Alhambra	143602
Alhambra	293862
Alhambra	591066
Alhambra	377162
Alhambra	532959
Alhambra	529605
Alhambra	167099
Alhambra	853048
Alhambra	538205
Alhambra	365543
Alhambra	227191
Alhambra	899467
Alhambra	131135
Alhambra	949328
Alhambra	658803
Alhambra	287863
Alhambra	835800
Alhambra	517470
Alhambra	779329
Alhambra	656878

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

Category 3	600	600
Category 1	200	25
Category 3	50	0
Category 1	25	15
Category 3	900	0
Category 3	100	0
Category 1	800	0
Category 1	100	50
Category 3	20	20
Category 3	1	1
Category 1	200	50
Category 3	10	0
Category 1	50	0
Category 1	95	0
Category 3	1	0
Category 1	100	90
Category 1	1800	800
Category 3	25	25
Category 1	500	100
Category 1	200	100
Category 3	50	50
Category 1	3000	0
Category 1	200	100
Category 1	1000	0
Category 1	500	100
Category 1	500	100
Category 1	10	0
Category 1	100	75
Category 1	600	200
Category 1	1500	0
Category 3	35	0
Category 1	150	75
Category 1	25	10
Category 1	3000	300
Category 3	25	0
Category 1	4200	0
Category 1	200	0
Category 3	10	5
Category 1	50	40
Category 1	200	0
Category 1	600	200
Category 1	200	0
Category 3	25	25
Category 1	200	100
Category 1	1800	500
Category 3	100	100
Category 3	50	0
Category 3	600	0
Category 1	10000	5000
Category 3	10	0
Category 3	700	700
Category 1	125	25
Category 3	200	0
Category 1	800	25
Category 1	50	25

0	No	No
175	Yes	Yes
0	No	No
10	Yes	Yes
0	No	No
0	No	No
800	Yes	Yes
50	Yes	Yes
0	No	No
0	No	No
150	Yes	Yes
0	No	No
50	Yes	Yes
95	Yes	Yes
0	No	No
10	Yes	Yes
1000	Yes	Yes
0	No	No
400	Yes	Yes
100	Yes	Yes
0	No	Yes
3000	Yes	Yes
100	Yes	Yes
1000	Yes	Yes
400	Yes	Yes
400	Yes	Yes
10	Yes	Yes
25	Yes	Yes
400	No	Yes
1500	No	Yes
0	No	No
75	Yes	Yes
15	Yes	Yes
2700	Yes	Yes
0	No	No
4200	Yes	Yes
200	Yes	Yes
0	No	No
10	Yes	Yes
200	Yes	Yes
400	Yes	Yes
200	Yes	Yes
0	No	No
100	Yes	Yes
1300	Yes	Yes
0	No	No
0	No	No
0	No	No
5000	Yes	Yes
0	No	No
0	No	No
100	Yes	Yes
0	No	No
775	Yes	Yes
25	Yes	Yes

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

1808-0054
1867-0160
1961 - 2250 East New York Drive
2017-0198
1599 - 26800 South Academy Road
1906-0016
1702-0237
2124-0060
2129 - 13953 Close Street
1906 - 3589 North Canon Boulevard
2305-0605
2305 - 19615 Andrada Drive
2262-0347
1535-0081
2016 - 3532 Thorndale Road
1859-0041
1906-0806
2348 - 20002 Emerald Meadow Drive
1645-0172
2219-0684
1642-0005
1599-0059
2173-0252
1860-0312
2219-0785
2170-0490
2077-0019
2172-0010
2129-15013 Lindhall Way
2261-0206
2129 Lindhall Way
1907- 0440
2174 - 0046
1705 - 0110
1960 - 0180
1860 - 3810 Hammel St
2342-0351
2216-0078
1701-0003
1647-0173
2020-0617
2018-0417
2263-0314
1961 - 1979, 1989, 1999 Mar Vista Avenue
2075-0049
1961-0592
1705-0269
1647 - 3148 West 152nd Place
1859-0111
2343-0251
1753 - 1709 65th Street
2129-0146
2017 - 6858 & 6834 La Presa Avenue
2259-0116
2024-0686

33.96874632	-118.2321946	Los Angeles
33.89709423	-118.1879326	Los Angeles
34.17475	-118.10591	Los Angeles
34.11994	-118.08866	Los Angeles
33.77674	-118.36123	Los Angeles
34.20473	-118.16241	Los Angeles
33.89775	-118.27645	Los Angeles
34.03573	-118.01974	Los Angeles
33.93947	-118.03592	Los Angeles
34.20506	-118.16286	Los Angeles
33.98598405	-117.874332	Los Angeles
33.98623	-117.87452	Los Angeles
33.98730434	-117.910741	Los Angeles
33.97656974	-118.3809802	Los Angeles
34.14023	-118.0781	Los Angeles
34.05915674	-118.1859651	Los Angeles
34.20799	-118.1608	Los Angeles
33.9875	-117.86645	Los Angeles
33.92822141	-118.311232	Los Angeles
33.99124755	-117.9501578	Los Angeles
34.00228766	-118.3323199	Los Angeles
33.77664883	-118.3583833	Los Angeles
33.99351746	-117.9772595	Los Angeles
34.0443506	-118.1792666	Los Angeles
33.98925786	-117.961228	Los Angeles
34.05827537	-117.9720287	Los Angeles
33.98286597	-118.0622677	Los Angeles
34.01244549	-117.9953391	Los Angeles
33.93677	-118.01146	Los Angeles
34.01487132	-117.918097	Los Angeles
33.93586	-118.00974	Los Angeles
34.18299981	-118.1596101	Los Angeles
33.98262809	-117.9822436	Los Angeles
33.81912474	-118.2904056	Los Angeles
34.19433584	-118.131203	Los Angeles
34.04208	-118.18428	Los Angeles
34.1066839	-117.8601763	Los Angeles
34.04778878	-117.9398855	Los Angeles
33.92020922	-118.2816679	Los Angeles
33.8893458	-118.3266194	Los Angeles
34.05213754	-118.092567	Los Angeles
34.09328661	-118.0776142	Los Angeles
33.97098513	-117.9087907	Los Angeles
34.18022497	-118.1273319	Los Angeles
34.00834696	-118.0389757	Los Angeles
34.17889813	-118.1051185	Los Angeles
33.83168114	-118.293152	Los Angeles
33.89278	-118.32825	Los Angeles
34.05498868	-118.1904162	Los Angeles
34.10131404	-117.8446296	Los Angeles
33.97960595	-118.2411972	Los Angeles
33.94065735	-118.0164368	Los Angeles
34.12476	-118.08279	Los Angeles
34.0503329	-117.9168967	Los Angeles
33.96789741	-118.0838143	Los Angeles

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CSMD Mapsheet 1808 Manhole 54 MMS No. 4035685
CSMD Mapsheet 1867 Manhole 160 MMS No. 4073593
CSMD Mapsheet 1961 MMS No. 4091907
CSMD Mapsheet 2017 Manhole 198 MMS No. 4107060
CSMD Mapsheet 1599 MMS No. 4112472
CSMD Mapsheet 1906 Manhole No. 16 MMS No. 4112522
CSMD Mapsheet 1702 Manhole 237 MMS No. 4128766
CSMD Mapsheet 2124 Manhole 60 MMS No. 4134393
CSMD Mapsheet 2129 MMS No. 4146874
CSMD Mapsheet 1906 MMS No. 4151069
CSMD Mapsheet 2305 Manhole 605 MMS No. 4161666
CSMD Mapsheet 2305 MMS No. 4161666
CSMD Mapsheet 2262 Manhole No. 347 MMS No. 4213881
CSMD Mapsheet 1535 Manhole No. 81 MMS No. 4213853
CSMD Mapsheet 2016 MMS No. 4217649
CSMD Mapsheet 1859 Manhole 41 MMS No. 4220062
CSMD Mapsheet No. 1906 Manhole No. 806 MMS No. 4213276
CSMD Mapsheet No. 2348 MMS No. 4239026
CSMD Mapsheet No. 1645 Manhole No. 172 MMS No. 4246869
CSMD Mapsheet 2219 Manhole 684 MMS No. 4253418
CSMD Mapsheet 1642 Manhole 5 MMS No. 4253427
CSMD Mapsheet No. 1599 Manhole No. 59 MMS No. 4291476
CSMD Mapsheet No. 2173 Manhole No. 252 MMS No. 4304825
CSMD Mapsheet 1860 Manhole 312 MMS No. 4310840
CSMD Mapsheet No. 2219 Manhole No. 785 MMS #4315322
CSMD Mapsheet No. 2170 Manhole No. 490 MMS No. 4327694
CSMD Mapsheet No. 2077 Manhole No. 19 MMS No. 4332068
CSMD Mapsheet No. 2172 Manhole No. 10 MMS No. 4342448
CSMD Mapsheet No. 2129 MMS No. 4371070B
CSMD Mapsheet No. 2261 Mh No. 206,207,208,209 MMS No. 4370774B
CSMD Mapsheet No 2129 MMS No 4370957B
CSMD Mapsheet No. 1907 Manhole No. 440 MMS No. 4383941
CSMD Mapsheet No. 2174 Manhole No. 46 MMS No.4391350B
CSMD Mapsheet No. 1705 Manhole No. 110 MMS No. 4417184B
CSMD Mapsheet No 1960 Manhole No 180 MMS No 4430297B
CSMD 1860 MMS No. 4441779B
CSMD Mapsheet No. 2342 Manhole No. 351 MMS No. 4438651
CSMD Mapsheet No. 2216 Manhole No. 78 MMS No. 4396196
CSMD Mapsheet No. 1701 Manhole No. 3 MMS No. 4380455
CSMD Mapsheet No. 1647 Manhole No. 173 MMS No. 4387842
CSMD Mapsheet No. 2020 Manhole No. 617 MMS No. 4391019
CSMD Mapsheet No. 2018 Manhole No. 417 MMS No. 4390919
CSMD Mapsheet No. 2263 Manhole No. 314 MMS No. 4549457
CSMD Mapsheet No. 1961 Manhole No. 140 MMS No. 4570726
CSMD Mapsheet No. 2075 Manhole No. 49 MMS No. 4577885
CSMD Mapsheet No. 1961 Manhole No. 592 MMS No. 4582118
CSMD Mapsheet No. 1705 Manhole No. 269 MMS No. 4615947
CSMD Mapsheet No. 1647 MMS No. 4633355
CSMD Mapsheet No. 1859 Manhole No. 111 MMS No. 4633766
CSMD Mapsheet No. 2343 Manhole No. 251 MMS No. 4634808
CSMD Mapsheet No. 1753 MMS No. 4641253
CSMD Mapsheet No. 2129 Manhole No. 146 MMS No. 4646813
CSMD Mapsheet No. 2017 MMS No. 4653858
CSMD Mapsheet No. 2259 Manhole No. 116 MMS No. 4655016
CSMD Mapsheet No. 2024 Manhole No. 686 MMS No. 4659495

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

Clean-out

Pipe leaking sewage.

Plumbing Trouble
Plumbing trouble (clean-out)

Plumbing fixtures

Clean-out

Clean-out

cleanout at 15013 Lindhall Way
Four manholes overflowed and two properties were flooded out (238 and 242 Sandalwood Ave)
Private lateral cleanout

Lateral/Burried Cleanout

Clean-out

Vault

Plumbing fixtures

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

Catch Basin
Los Angeles River
Spill leached into the ground.
Eaton Wash/Rio Hondo Channel

Spill overflowed from Manhole No. 237 and flowed into the storm drain, at the North West corner of Main Street and Com
Spill overflowed from Manhole No. 60 and entered into a storm drain at 1583 Belgreen Drive, which leads to San Jose Cr
Bathrooms, hallway, bedroom, closets and seeped into the floor and walls.
Spill overflowed into the complainant's basement.
Private Drain 1138
Spill overflowed from the plumbing fixtures into the residence bathroom and garage.
Private drain1465-2202, into natural terrain.
Centinela Creek/Private Drain 265 - 430
Lawn area surrounding the clean-out.
City Terrace Drainnage System
Altadena System West Drain/Los Angeles River

Anderson Wash which leads to Chester L Washington County Golf Course.
Private Drain 452

Spill overflowed from Manhole No. 59 and entered into a storm drain, which leads to Road Department Drain (RDD 275)/
Private Drain 1560, which leads to unnamed terrain.
Los Angeles River
Private Drains 424, 1238, and 289, which leads to unnamed terrain.
San Gabriel River
San Gabriel River
Approximately 75 gallons went into Manhole No. 9 and 25 gallons went into storm drain, which leads to private drain.

Lawn area of residents back yard
Arroyo seco channel

uncaptured spill went into drain that empties into Machado Lake
Approx 25 gallons of uncaptured spill seeped into pavement
Approx 10000 spilled into Drain 26 which empties into Los Angeles River
Cienega Glendora Drain
into the field
RDD 057/Dominguez Channel
Crendena Drain/Dominguez Channel
Rio Hondo Channel/Rio Hondo Coastal Basin
Rio Hondo Channel
Soil 50 ft.
West Altadena Drainage System/Arroyo Seco Channel
Private drain/San Gabriel River
Spill was fully contained on the North West corner of Berendo Street, Grand Oaks Avenue, and around overflowing manh
Paddle around manhole.
Spill overflowed from a clean-out behind address 3148 West 152nd Place into the back yard of residence.
Manhole No. 111 overflowed into a storm drain/catch basin on North/South Marengo Street at Ditman Avenue, which lea
Spill overflowed from Manhole No. 251 and dissipated at the curb side.
Spill backed up into a vault.
San Gabriel River
Into the floor at 6858 & 6834 La Presa Avenue.
Los Angeles River
San Gabriel River

9/19/2009 11:00	9/19/2009 11:00	9/19/2009 12:30	9/19/2009 13:00
11/21/2009 13:51	11/21/2009 14:50	11/21/2009 16:20	11/21/2009 16:40
12/21/2009 13:01	12/21/2009 13:15	12/21/2009 13:50	12/21/2009 14:10
1/15/2010 8:30	1/15/2010 8:35	1/15/2010 9:15	1/15/2010 9:35
1/23/2010 0:00	1/23/2010 10:50	1/23/2010 12:00	1/23/2010 0:00
1/24/2010 10:45	1/24/2010 10:45	1/24/2010 11:30	1/24/2010 11:45
2/16/2010 14:55	2/16/2010 14:55	2/16/2010 15:35	2/16/2010 16:45
2/24/2010 8:28	2/24/2010 8:39	2/24/2010 9:35	2/24/2010 9:40
3/15/2010 9:20	3/15/2010 9:20	3/15/2010 9:30	3/15/2010 10:00
3/22/2010 13:26	3/22/2010 13:32	3/22/2010 14:10	3/22/2010 14:25
4/3/2010 10:40	4/3/2010 10:40	4/3/2010 12:00	4/3/2010 12:30
4/3/2010 10:40	4/3/2010 10:40	4/3/2010 12:00	4/3/2010 12:30
5/3/2010 10:00	5/3/2010 10:00	5/3/2010 10:10	5/3/2010 11:00
5/3/2010 8:50	5/3/2010 8:50	5/3/2010 9:05	5/3/2010 9:25
5/7/2010 17:52	5/7/2010 18:30	5/7/2010 20:30	5/7/2010 21:50
5/12/2010 13:08	5/12/2010 13:20	5/12/2010 14:15	5/12/2010 14:40
5/1/2010 10:05	5/1/2010 10:32	5/1/2010 12:45	5/1/2010 13:15
6/15/2010 7:38	6/15/2010 7:40	6/15/2010 8:15	6/15/2010 12:00
6/27/2010 13:49	6/27/2010 14:30	6/27/2010 16:30	6/27/2010 17:50
7/4/2010 8:02	7/4/2010 8:10	7/4/2010 9:50	7/4/2010 10:00
7/4/2010 18:15	7/4/2010 18:30	7/4/2010 20:15	7/4/2010 22:00
8/24/2010 7:21	8/24/2010 8:00	8/24/2010 9:30	8/25/2010 16:00
9/14/2010 8:19	9/14/2010 8:41	9/14/2010 9:12	9/14/2010 10:33
9/17/2010 13:53	9/17/2010 14:00	9/17/2010 14:35	9/17/2010 14:50
9/26/2010 10:35	9/26/2010 10:40	9/26/2010 12:00	9/26/2010 13:30
10/16/2010 15:41	10/16/2010 16:07	10/16/2010 17:31	10/16/2010 17:40
10/24/2010 14:20	10/24/2010 14:45	10/24/2010 16:15	10/24/2010 16:30
11/5/2010 14:47	11/5/2010 15:00	11/5/2010 16:01	11/5/2010 16:15
12/23/2010 12:06	12/23/2010 12:35	12/23/2010 13:00	12/23/2010 13:15
12/22/2010 9:30	12/22/2010 9:30	12/22/2010 9:30	12/22/2010 10:15
12/24/2010 9:40	12/24/2010 9:40	12/24/2010 11:20	12/24/2010 11:40
1/17/2011 9:35	1/17/2011 9:47	1/17/2011 11:00	1/17/2011 11:20
1/31/2011 10:08	1/31/2011 10:20	1/31/2011 11:00	1/31/2011 11:10
3/20/2011 9:14	3/20/2011 9:36	3/20/2011 11:44	3/20/2011 12:30
4/3/2011 16:14	4/3/2011 16:20	4/3/2011 18:10	4/3/2011 18:50
4/22/2011 11:35	4/22/2011 11:40	4/22/2011 12:17	4/22/2011 13:06
4/13/2011 11:27	4/13/2011 11:44	4/13/2011 12:00	4/13/2011 11:55
2/11/2011 21:00	2/11/2011 21:00	2/11/2011 22:30	2/12/2011 12:30
1/7/2011 17:10	1/7/2011 17:20	1/7/2011 19:30	1/7/2011 19:45
1/25/2011 20:50	1/25/2011 20:50	1/25/2011 22:15	1/25/2011 22:45
1/30/2011 15:35	1/30/2011 16:03	1/30/2011 17:25	1/30/2011 17:40
1/28/2011 13:50	1/28/2011 14:05	1/28/2011 14:30	1/28/2011 14:30
6/30/2011 10:36	6/30/2011 11:15	6/30/2011 11:30	6/30/2011 13:00
8/14/2011 14:50	8/14/2011 15:00	8/14/2011 16:30	8/14/2011 17:00
8/28/2011 11:29	8/28/2011 12:32	8/28/2011 13:57	8/28/2011 14:18
9/4/2011 10:55	9/4/2011 10:55	9/4/2011 12:00	9/4/2011 12:30
11/14/2011 20:27	11/14/2011 20:27	11/14/2011 21:45	11/14/2011 22:45
12/28/2011 14:12	12/28/2011 14:45	12/28/2011 15:20	12/28/2011 16:45
12/29/2011 12:40	12/29/2011 12:45	12/29/2011 13:20	12/29/2011 15:45
1/2/2012 20:55	1/2/2012 21:25	1/2/2012 22:55	1/2/2012 23:10
1/15/2012 17:27	1/15/2012 18:00	1/15/2012 19:00	1/15/2012 19:20
1/25/2012 10:33	1/25/2012 10:40	1/25/2012 11:00	1/25/2012 11:25
2/10/2012 9:48	2/10/2012 10:00	2/10/2012 10:30	2/10/2012 11:00
2/14/2012 20:28	2/14/2012 20:40	2/14/2012 21:50	2/14/2012 21:30
2/23/2012 10:27	2/23/2012 10:30	2/23/2012 11:40	2/24/2012 12:00

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

Rags and Grease deposition.
Grease deposition (FOG) - Rags

Broken mainline.

Heavy Debris, Rocks and Sand
Grease caught in the gas trap.

Debris and Grease

Heavy roots and grease

Heavy roots and debris
Asphalt and calcium

Liner material failure

Heavy roots and grease
Grease and Roots

Inflow/Infiltration

Rags and paper
appeared to be rags or grease

Heavy roots and grease

Grease, rags, and roots

Roots, grease, and rags.
Rags and towels.

Grease and Rags

Unknown
Grease and Rags

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

Containment unnecessary as water leached into the ground at rear of the address.

Mainline was repaired on January 25, 2010, by Clarke Contracting Company. They replaced 24 feet of mainline between
Hydro equipment was used to break down blockage and restored flow.
With the use of the Hydro pressure equipment broke down heavy debris, rocks and sand stoppage in the mainline. Wash
Placed absorbent socks around Manhole No. 60 and exercised the gas trap to break down the trapped grease, also clean
Hydro pressure equipment was used to break down mainline grease blockage. Notified Carl Warren & Company (rapid re
Hydro equipment was used to break down debris and grease stoppage in the mainline. Carl Warren & Company perform

Carl Warren and Company cleaned up the affected areas. FOG door hangers distributed in the neighborhood.

Upon arrival, Manhole No. 59 was overflowing. Rodder and Hydro equipments were used to break down the blockage in

Upon arrival, manhole was not overflowing, but it showed signs that it had overflowed in front of address 4018 Floral Ave

vacuumed sewer mainline and setup bypass pump
vacuumed sewer

Rodded mainline from mh 180to mh 41 on Lake Ave
Hydroed mainline, unable to implement containment due to heavy flow.

Upon arrival found Manhole No. 78 up, not overflowing, but showed signs of an overflow.

Called Dana from Rowland Water District and informed her of the action taken. Informed dispatch of findings and results
At addresses 1979, 1989, and 1999 there was a minor water damage, but it dried up. A private remediation company wa
Properties 11325 and 11314 Spy Glass Hill Road were flooded out. Residents were provided with Carl Warren & Compa

Upon arrival manhole was not overflowing but showed signs of an overflow.
Hydro equipment was used to break down stoppage.

Upon arrival mainline on Tudors Street was up but not overflowing at Manhole No. 251. Rodder equipment was used to b
Upon arrival, manholes were up but not overflowing. Hydro equipment was used to break down mainline grease and rags

Rodder equipment was used to break down stoppage in the mainline. Complainant's were provided with a form of Rapid
Upon arrival Manhole No. 116 was not overflowing but showed sign of an overflow. No containment was necessary for th
Upon arrival Manhole No. 686 was up, but not overflowing. However, it did showed signs of an overflow. Rodder equipm

11/21/2009 17:30

1/15/2010 10:15

2/16/2010 17:40
2/24/2010 10:47

4/3/2010 13:45

5/3/2010 12:30
5/3/2010 9:55

5/12/2010 16:20
5/1/2010 14:30

6/27/2010 19:45
7/4/2010 11:00

8/27/2010 2:00
9/14/2010 11:45
9/17/2010 16:08
9/26/2010 14:30
10/16/2010 19:45
10/24/2010 17:30
11/5/2010 17:15
12/23/2010 18:20
12/22/2010 11:00

1/17/2011 11:55
1/31/2011 12:10
3/20/2011 14:40

4/22/2011 17:30
4/13/2011 14:00

1/7/2011 23:45
1/26/2011 0:45
1/30/2011 18:45
1/28/2011 15:50

8/14/2011 21:00
8/28/2011 17:00

12/29/2011 16:20

1/25/2012 13:00

2/14/2012 21:30
2/24/2012 13:00

Other (specify below)

Added sewer to preventive maintenance program

Other (specify below)
Enforcement action against FOG source;Other (specify below)

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

Added sewer to preventive maintenance program
Other (specify below)

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

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

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

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

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

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

Other (specify below)
Added sewer to preventive maintenance program

Added sewer to preventive maintenance program

Added sewer to preventive maintenance program

Other (specify below)
Added sewer to preventive maintenance program

Mainline to be televised to determine if further action is needed.

Mainline to be televised to determine if further action is needed.
Will also have FOG door hangers distributed in the neighborhood.

FOG door hangers distributed in the neighborhood.

Mainline to be televised to determine if further action is needed.

Mainline will be televised to determine if further action is needed.

Investigate inflow/infiltration

Will televise as soon as possible from manhole 440 to manhole 441 on Woodbury Rd

Main line will be televised to determine if further actions are needed.

Mainline will be televised to determine if further actions are needed.

Mainline will be teleivsed to determine if further actions are needed.

Mainline will be televised to determine if further actions are needed.

No

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N/A

N/A
N/A

Per Flood Maintenance Division, crew went to the basin to trace where the spill went, but there were no signs where it we

N/A
N/A

Los Angeles River

Eaton Wash/Rio Hondo Channel

Private Drain (PD) 1251 and connects to PD 1207, PD 74 and PD 5246, which leads to unnamed terrain.
San Jose Creek

Private Drain 1138

Private drain 1465-2202, into natural terrain.
Centinela Creek/Private Drain 265 - 430

City Terrace Drainnage System
Altadena System West Drain/Los Angeles River

Anderson Wash which leads to Chester L Washington County Golf Course.
Private Drain 452

Road Department Drain (RDD 275)/unnamed terrain
Private Drain 1560, which leads to unnamed terrain.
Los Angeles River
Private drains 424, 1238, and 289, which leads to unnamed terrain.
San Gabriel River
San Gabriel River
Private drain
Private Drain 445
Private Drain 64
Not Applicable
Arroyo Seco channel
Pivate Drain
Machado Lake (Los Angeles Harbor)
No impacted surface water
Los Angeles River
Cienega Glendora Drain
No impacted surface water. Spill flowed into the field.
RDD 057/Dominguez Channel
Crendena Drain/Dominguez Channel
Rio Hondo Channel/Rio Hondo Coastal Basin
Rio Hondo Channel
No impacted surface water. Spill did not enter any storm drains.
West Altadena Drainage System/Arroyo Seco Channel
Private drain/San Gabriel River
No impacted surface water. Spill was fully recovered.
No impacted surface water.
No impacted surface water. Spill did not reach into a storm drain.
Los Angeles River
No impacted surface water. Spill did reach into a storm drain.
No impacted surface water. Spill was fully recovered.
San Gabriel River
No impacted surface water. Spill did not reach into a storm drain.
Los Angeles River
San Gabriel River

No water quality samples taken

No water quality samples taken

No water quality samples taken
No water quality samples taken

No water quality samples taken

No water quality samples taken
No water quality samples taken

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

No water quality samples taken
No water quality samples taken

The water that went into the catch basin was tested and found to be okay. No cleaning was needed. (MMS No. 4291755)

No water quality samples taken

No water quality samples taken

No water quality samples taken
No water quality samples taken

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

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No water quality samples taken

No water quality samples taken

No water quality samples taken
No water quality samples taken

${ssoDetails.resultsReportedExplanation}

96410	9/19/2009 11:10
97855	11/21/2009 14:55
98493	12/21/2009 13:27
100308	1/15/2010 8:42
100624	1/23/2010 11:05
100637	1/24/2010 10:58
101225	2/16/2010 15:26
101371	2/24/2010 8:52
101789	3/15/2010 11:58
101976	3/24/2010 7:15
102165	4/3/2010 10:59
102165	4/3/2010 10:59
102757	5/3/2010 10:20
102753	5/3/2010 9:00
102906	5/7/2010 22:22
102963	5/12/2010 13:22
102733	5/1/2010 10:36
103642	6/15/2010 12:36
103900	6/27/2010 14:19
104050	7/4/2010 8:25
104056	7/4/2010 18:45
105058	8/24/2010 9:30
105526	9/14/2010 8:50
105065	9/17/2010 15:07
105780	9/26/2010 11:45
106243	10/16/2010 16:12
106404	10/24/2010 14:50
106674	11/5/2010 15:08
107825	12/23/2010 12:37
107750	12/22/2010 9:45
122560	12/24/2010 13:25
126337	1/17/2011 10:42
129043	1/31/2011 10:25
111690	3/20/2011 9:30
112162	4/3/2011 16:22
112547	4/22/2011 12:57
112354	4/13/2011 12:00
110848	2/11/2011 21:15
110129	1/7/2011 17:39
110504	1/25/2011 21:00
110597	1/30/2011 17:05
128757	1/28/2011 14:45
113937	6/30/2011 11:40
114834	8/14/2011 15:20
115099	8/28/2011 13:26
115260	9/4/2011 11:00
116777	11/14/2011 20:30
117633	12/28/2011 17:15
117650	12/29/2011 13:28
120022	1/2/2012 22:44
195596	1/15/2012 19:00
120521	1/25/2012 11:16
120799	2/10/2012 10:05
120878	2/14/2012 20:49
121071	2/23/2012 22:37

4SSO11365	Active	778247	Nicholas A. Agbobu	Certified
4SSO11365	Active	782204	Nicholas A. Agbobu	Certified
4SSO11365	Active	782663	Nicholas A. Agbobu	Certified
4SSO11365	Active	782847	Nicholas A. Agbobu	Certified
4SSO11365	Active	783380	Nicholas A. Agbobu	Certified
4SSO11365	Active	784958	Nicholas A. Agbobu	Certified
4SSO11365	Active	785361	Nicholas A. Agbobu	Certified
4SSO11365	Active	785958	Nicholas A. Agbobu	Certified
4SSO11365	Active	786654	Nicholas A. Agbobu	Certified
4SSO11365	Active	787583	Nicholas A. Agbobu	Certified
4SSO11365	Active	787724	Nicholas A. Agbobu	Certified
4SSO11365	Active	788952	Nicholas A. Agbobu	Certified
4SSO11365	Active	789155	Nicholas A. Agbobu	Certified
4SSO11365	Active	789540	Nicholas A. Agbobu	Certified
4SSO11365	Active	790685	Nicholas A. Agbobu	Certified
4SSO11365	Active	791323	Nicholas A. Agbobu	Certified
4SSO11365	Active	792033	Nicholas A. Agbobu	Certified
4SSO11365	Active	792187	Nicholas A. Agbobu	Certified
4SSO11365	Active	792362	Nicholas A. Agbobu	Certified
4SSO11365	Active	792970	Nicholas A. Agbobu	Certified
4SSO11365	Active	793946	Nicholas A. Agbobu	Certified
4SSO11365	Active	798349	Robert Swartz	Certified
4SSO11365	Active	798484	Nicholas A. Agbobu	Certified
4SSO11365	Active	798631	Nicholas A. Agbobu	Certified
4SSO11365	Active	798999	Nicholas A. Agbobu	Certified
4SSO11365	Active	799061	Nicholas A. Agbobu	Certified
4SSO11365	Active	799883	Nicholas A. Agbobu	Certified
4SSO11365	Active	800020	Nicholas A. Agbobu	Certified
4SSO11365	Active	800432	Nicholas A. Agbobu	Certified
4SSO11365	Active	800444	Niocholas A. Agbobu	Certified
4SSO11365	Active	801181	Nicholas A. Agbobu	Certified
4SSO11366	Active	647737	Nicholas Agbobu	Certified
4SSO11366	Active	650007	Nicholas Agbobu	Certified
4SSO11366	Active	716701	Nicholas Agbobu	Certified
4SSO11366	Active	730057	Nicholas Agbobu	Certified
4SSO11366	Active	732584	Nicholas A. Agbobu	Certified
4SSO11366	Active	748233	Nicholas A. Agbobu	Certified
4SSO11366	Active	752632	Nicholas A. Agbobu	Certified
4SSO11366	Active	769479	Nicholas A. Agbobu	Certified
4SSO11366	Active	773572	Nicholas A. Agbobu	Certified
4SSO11366	Active	777883	Nicholas A. Agbobu	Certified
4SSO11366	Active	790922	Nicholas A. Agbobu	Certified
4SSO11366	Active	794169	Nicholas A. Agbobu	Certified
4SSO11367	Active	647596	Dan Pfeifer	Certified
4SSO11367	Active	647649	Joe Santos	Certified
4SSO11367	Active	647967	Joe Santos	Certified
4SSO11367	Active	648248	Joe Santos	Certified
4SSO11367	Active	648250	Dan Pfeifer	Certified
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4SSO11367	Active	657583	Dan Pfeifer	Certified
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4SSO11367	Active	709503	Joe Santos	Certified
4SSO11367	Active	711394	Dan Pfeifer	Certified

Senior Civil Engineer
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Wastewater Superintendent
Supervisor
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Wastewater Superintendent
Wastewater Superintendent
Supervisor
Supervisor
Wastewater Superintendent
Wastewater Superintendent
Supervisor
Wastewater superintendent

Alhambra	691030
Alhambra	155131
Alhambra	266244
Alhambra	689003
Alhambra	868834
Alhambra	244242
Alhambra	938849
Alhambra	717185
Alhambra	953699
Alhambra	428080
Alhambra	996172
Alhambra	865089
Alhambra	755897
Alhambra	104849
Alhambra	891964
Alhambra	535838
Alhambra	165665
Alhambra	369530
Alhambra	854760
Alhambra	828493
Alhambra	230950
HQ	421604
Alhambra	268400
Alhambra	678660
aLHAMBRA	161218
Alhambra	664424
Alhambra	596160
Alhambra	389774
Alhambra	882582
Alhambra	320340
Alhambra	337715
Alhambra	382364
Alhambra	216220
Alhambra	494153
Alhambra	222389
Alhambra	772110
Alhambra	481698
Alhambra	373413
Alhambra	795336
Alhambra	553549
Alhambra	132599
Alhambra	630228
Alhambra	878454
City of Ventura	555378
Wastewater Plant	241909
Wastewater Plant	269856
Wastewater Plant	733026
City of Ventira	341373
City of Ventura	545760
Wastewater Plant	945785
Wastewater Plant	365471
Wastewater Plant	986782
Ventura, CA	551161
Wastewater Plant	167721
city of ventura	178954

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

Category 3		200	150
Category 3		50	50
Category 1		100	0
Category 1		15	0
Category 1		500	0
Category 1		100	50
Category 3		4	0
Category 1		300	0
Category 3		3	3
Category 1		100	0
Category 1		300	100
Category 1		700	100
Category 3		500	300
Category 3		50	0
Category 3		600	200
Category 1		100	10
Category 3		5	0
Category 2		36000	0
Category 1		400	200
Category 1		500	100
Category 1		300	150
Category 3		5	0
Category 3	0	20	20
Category 3	20	20	0
Category 1	50	100	50
Category 3	800	800	600
Category 3	50	50	0
Category 1	0	300	100
Category 1	0	790	400
Category 1	0	10	0
Category 1	0	25000	300
Category 1		150	100
Category 1		400	0
Category 1		120	20
Category 1		500	0
Category 1		75	0
Category 3		20	0
Category 1		82	20
Category 1		10	0
Category 3		150	150
Category 3		35	35
Category 3		400	0
Category 1		300	200
Category 1		500	0
Category 3		350	350
Category 1		120	100
Category 3		25	0
Category 3		3	
Category 1		150	100
Category 3		40	40
Category 3		150	150
Category 3		50	50
Category 2		3000	150
Category 1		400	150
Category 3		75	75

0	No	No
0	No	No
100	Yes	Yes
15	Yes	Yes
500	Yes	Yes
50	Yes	Yes
0	No	No
300	Yes	Yes
0	No	No
100	Yes	Yes
200	Yes	Yes
600	Yes	Yes
0	No	No
0	No	No
0	No	No
90	Yes	Yes
0	No	No
0	No	No
200	Yes	Yes
400	Yes	Yes
150	Yes	Yes
0	No	No
0	No	No
0	No	No
50	Yes	Yes
0	No	No
0	No	No
200	Yes	Yes
390	Yes	Yes
10	Yes	Yes
24700	Yes	Yes
50	Yes	Yes
400	Yes	Yes
100	Yes	Yes
500	Yes	Yes
75	Yes	Yes
0	No	No
62	Yes	Yes
10	Yes	Yes
0	No	No
0	No	No
0	No	No
100	Yes	Yes
500	Yes	Yes
0	No	Yes
20	Yes	Yes
0	No	No
	No	No
150	Yes	Yes
0	No	No
0	No	No
	No	No
0	No	No
250	No	Yes
	No	No

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

2018-0030
1757 - 720 East Compton Boulevard
1646-0084
1588-0130
2079 - 10841 Laurel Street
2167-0094
1961 - 1034 Morada Place
2173-0152
1647-0047
2129-0289
1754-0163
2216-0103
1867-0144
1960 - 2990 Maiden Lane
2429-0091
1699 - 1016 W 91st
1755-0228
1598-0022
1757-0069
2262-0241
1646-0102
2020-0685
1588-0457
1588 - 4526 Presidio Drive
1647 - 0047 (14405 South Crenshaw Boulevard)
1961-Floodout (clean-out) 1265 Mendecino Street
2220 - 3018 Gotera Drive (Clean Out/Flood Out)
1961-Clean out (1969 Hill Avenue, Altadena)
1588 - 5555 Onacrest Drive, Unincorporated (Clean-out)
1588 - 5546 Onacrest Drive, Unincorporated (Clean-out)
1859-0116 (3598 Marengo Street, Unincorporated County Area CSMD South)
1065-0049
1065-0710
1091-0052
1065-0431
1090-0076
1090-0385
1090-0313
1065 - 30528 Lake Lindero Drive
1090 - 28965 Valley Heights Drive
1065-0049
1065/1090 - 0260
1090-0288
City of Ventura
252 SOUTH ASH ST
Thompson & Ash st.
CLOVERLY & VICTORIA
3245 FOOTHILL RD
Thompson and Ash st.
5980 Woodland Street, Ventura, California
Hyland Ave and Palomar Ave
Kalorama Street at Tioga Street
Camino Real Park
Loma Vista Road, Ventura California
711 ONDOLONDO

34.1005902	-118.0864498	Los Angeles
33.89496	-118.26309	Los Angeles
33.91926139	-118.3090132	Los Angeles
33.9933377	-118.3552321	Los Angeles
33.93256107	-118.0487844	Los Angeles
34.11749254	-118.0014309	Los Angeles
34.1802886	-118.1292246	Los Angeles
33.99815276	-117.9751852	Los Angeles
33.90080684	-118.3266111	Los Angeles
33.92318813	-118.0278114	Los Angeles
33.95616611	-118.2507131	Los Angeles
34.046034	-117.954307	Los Angeles
34.0376365	-118.3889919	Los Angeles
34.1851725	-118.1285959	Los Angeles
34.0880544	-117.780268	Los Angeles
33.9545533	-118.2926147	Los Angeles
33.92324588	-118.2346407	Los Angeles
33.78084172	-118.3607161	Los Angeles
33.89520203	-118.2665628	Los Angeles
33.98744786	-117.9221316	Los Angeles
33.92119183	-118.3090077	Los Angeles
34.04632485	-118.0887436	Los Angeles
33.99794721	-118.3450112	Los Angeles
34.00254	-118.34145	Los Angeles
33.900765	-118.32657	Los Angeles
34.18611	-118.12473	Los Angeles
33.97778	-117.95381	Los Angeles
34.17935	-118.12181	Los Angeles
33.99001	-118.35532	Los Angeles
33.99031	-118.3549	Los Angeles
34.05495804	-118.1876482	Los Angeles
34.14814383	118.7830172	Los Angeles
34.16193606	118.7869295	Los Angeles
34.13954615	118.7438196	Los Angeles
34.15524803	118.7786892	Los Angeles
34.16286414	118.7557786	Los Angeles
34.15319	-118.74568	Los Angeles
34.15493294	-118.7591997	Los Angeles
34.14975376	-118.7864033	Los Angeles
34.15276	-118.75647	Los Angeles
34.14814899	-118.7830276	Los Angeles
34.152683	-118.763449	Los Angeles
34.15054611	-118.7541849	Los Angeles
34.303611	119.150492	Ventura
34.277667	-119.288433	Ventura
34.277667	-119.288433	Ventura
34.27502	-119.21338	Ventura
34.281111	119.2525	Ventura
34.277222	119.288333	Ventura
34.27598	-119.21156	Ventura
34.281389	119.264167	Ventura
34.285278	119.286297	Ventura
34.266944	119.237222	Ventura
34.280725	-119.221814	Ventura
34.292778	119.206667	Ventura

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CSMD Mapsheet No. 2018 Manhole No. 30 MMS No. 4660321
CSMD Mapsheet No. 1757 MMS No. 4728222
CSMD Mapsheet No. 1646 Manhole No. 84 MMS No. 4734647
CSMD Mapsheet No. 1588 Manhole No. 130 MMS No. 4742824
CSMD Mapsheet No. 2079 MMS No. 4745403
CSMD Mapsheet No. 2167 Manhole No. 94 MMS No. 4758060
CSMD Mapsheet No. 1961 MMS No. 4762495
CSMD Mapsheet No. 2173 Manhole No. 152 MMS No. 4772921
CSMD Mapsheet No. 1647 Manhole No. 47 MMS No. 4787564
CSMD Mapsheet No. 2129 Manhole No. 289 MMS No. 4802964
CSMD Mapsheet No. 1754 Manhole No. 163 MMS No. 4805687
CSMD Mapsheet No. 2216 Manhole No. 103 MMS No. 4821336
CSMD Mapsheet No. 1867 Manhole No. 144 MMS No. 4823261B
CSMD Mapsheet No. 1960 MMS No. 4825608B
CSMD Mapsheet 2429. Manhole No. 91 MMS No. 4836425
CSMD Mapsheet No. 1699 MMS No. 4843753B
CSMD Mapsheet No. 1755 Manhole No. 228 MMS No. 4848241
CSMD Mapsheet1598 Manhole No. 22 MMS No. 4851027B
CSMD Mapsheet No. 1757 Manhole No. 69 MMS No. 4852935
CSMD Mapsheet No. 2262 Manhole No. 241 MMS No. 4865401
CSMD Mapsheet No. 1646 MMS No. 4886528
CSMD Mapsheet No. 2020 Manhole No. 685 MMS No. 4944083
CSMD Mapsheet No. 1588 Manhole No. 457 MMS No. 4948027

CSMD Mapsheet No. 1647 Manhole No. 47 MMS No. 4958714
CSMD Mapsheet No. 1961 MMS No. 4956899
CSMD Mapsheet No. 2220 MMS No. 4966409
CSMD Mapsheet No. 1961 MMS No. 4968503

CSMD Mapsheet No. 1588 MMS No. 4974461B1
CSMD Mapsheet No. 1859 Manhole No. 116 MMS No. 4987834
CSMD Map Sheet 1065 Manhole 49 MMS No. 2669359
CSMD Map Sheet 1065 Manhole 710 MMS No. 2731658A
CSMD Mapsheet 1091 Manhole 52 MMS. No. 3031697
CSMD Mapsheet No. 1065 Manhole No. 431 MMS No. 3183074
CSMD Mapsheet 1090 Manhole 76 MMS No. 3216846
CSMD Mapsheet 1090 Manhole 385 MMS No. 4102942
CSMD Mapsheet 1090 Manhole 313 MMS No. 4223493
CSMD Mapsheet No. 1065 Manhole No. 79 MMS No. 4567169
CSMD Mapsheet No. 1090 MMS No. 4617553
CSMD Mapsheet No. 1065 Manhole No. 49 MMS No. 4657082
CSMD Mapsheet 1065/1090 MMS No. 484539B
CSMD Mapsheet No. 1090 Manhole No. 288 MMS No. 4894670

CONTRATOR WAS POTHOLING LINE FOR FUTURE DEVELOPMENT.NOTICED SEWAGE COMING OUT.
Maanhole was overflowing on Thompson blvd,we broke stoppage from manhole on ash st.contained all but 20 gallons wh
INTERSECTION OF VICTORIA AND CLOVERLY
FOOTHILL RD IN CITY OF VENTURA
Overflowing manhole was on Thompson Blvd,
Manhole overflowed at 5980 Woodland Street.
Overflowing manhole at the entersection of Hyland Ave. and Palomar Ave.
Overflowing manhole at entersection of Kalorama and Tioga Streets.
Grass area in Camino Real Park
Sewage flowed from under asphalt just east of Byron Ave on Loma Vista Road.
75 GALLONS OF SEWAGE SPILLED OUT OF MANHOLE,RECOVERED ALL OF SEWAGE NONE WAS IN STORM DI

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ich made it to overfall to lagoon.county

RAIN.

Manhole
Other (specify)
Manhole
Manhole
Other (specify)
Manhole
Other (specify)
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Other (specify)
Manhole
Other (specify)
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Other sewer system structure
Manhole
Inside Building or Structure;Lateral Clean Out (Private)
Inside Building or Structure;Lateral Clean Out (Public)
Lateral Clean Out (Public)
Lateral Clean Out (Public)
Lateral Clean Out (Public)
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Other (specify)
Manhole
Building or structure
Manhole
Manhole
Gravity sewer
Gravity sewer
Gravity sewer
Gravity sewer
Manhole
Manhole
Manhole
Manhole
Manhole
Other (specify)
Manhole

Trailer park laundry mat.

Plumbing trouble (clean-out)

Plumbing Trouble (sewer back-up)

Clean - out overflow

Clean-out

Spill was coming out of the ground.

Spill overflowed from a clean-out into vegetation and from toilet/tub at residency.
Clean Out, complainants garage/bathroom toilet, grass/dirt

Plumbing trouble (sewer back-up)

Manhole 260 was up but not overflowing

Sewage flowed from under asphalt at curb gutter.

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

Pavement
Sewer on lot. Sewage was returned to sanitary sewer system.
Dominguez Channel
Drain 5340/Ballona Creek
San Gabriel River
San Gabriel River
Spill dried up on the floor of the complainant's basement.
Private Drain/San Gabriel River Watershed
Back into the sewer system.
Storm Drain 531/San Gabriel River Watershed
Compton Creek/Los Angeles River
Private Drain/ San Gabriel Watershed.
Field near manhole 144
Soil beneith the resident.
Surround Field
ground and catch basin
Seeped around Manhole No. 228
Surround soil on horse trail
Spill overflowed from Manhole No. 69 into a storm drain at North East corner of Compton Blvd. and San Pedro, which lea
Lower San Jose Creek
Upper Dominguez Channel
Spill dried up on asphalt around Manhole No. 685.
Spill overflowed from Manhole No. 457 into the street, which was fully recovered.
Soil in back yard.
Spill overflowed from Manhole No. 47 into a storm drain/land, which leads to Dominquez Channel & L.A. Harbor.
Private residence and vegetation
Complainants garage/bathroom toilet, grass/dirt Rapid Response Service performed clean up
Spill overflowed from a private clean out which leads to BI 1263 - West San Gabriel Valley (drain) and Alhambra Wash R
Spill overflowed from a clean-out into a storm drain, which leads to Rdd 0181/Santa Monica Bay Watersheds/Ballona Cre
Spill overflowed from a clean-out into a storm drain, which leads to RDD 0181/Santa Monica Bay Watersheds/Ballona Cr
Spill overflowed from Manhole No. 116 into a storm drain, which leads to Chavez Ravine-Los Angeles River.
Entered storm drain (PD 1376) outletting into a natural drainage course.
Entered storm drain (PD 687) outletting into a natural drainage course.
Spill flowed from manhole #52 into storm drain channel across from 28306 Laura La Plante Drive which leads to natural t
Lindero Canyon Drain/Santa Monica Conservatory
Spill overflowed from manhole 76 into catch basin, which leads to Media Creek/Malibu Lake.

Catch basin 15 feet North of Manhole No. 313 into Medea Creek.
Private drain/Lake Lindero
Sewer backed-up into home at 28965 Valley Heights Drive and 5565 Agoura Glen Drive.
Spill was fully contained around Manhole No. 49.
spilled into Trailway Lane and bathtub, bathroom floor, kitchen and outside patio of 29321 Trailway Lane.
Private Drain/Medea Creek

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VICTORIA ST

Ash st out fall onto beach

2/27/2012 18:03	2/27/2012 18:25	2/27/2012 21:00	2/27/2012 21:45
6/11/2012 16:52	6/11/2012 16:53	6/11/2012 17:35	6/11/2012 17:50
6/25/2012 9:10	6/25/2012 9:30	6/25/2012 10:15	6/25/2012 10:30
6/29/2012 6:59	6/29/2012 7:45	6/29/2012 8:05	6/29/2012 8:10
7/6/2012 10:53	7/6/2012 11:39	7/6/2012 12:45	7/6/2012 13:00
8/4/2012 16:01	8/4/2012 16:10	8/4/2012 17:15	8/4/2012 17:45
8/17/2012 17:29	8/17/2012 18:00	8/17/2012 19:20	8/17/2012 19:30
9/1/2012 14:47	9/1/2012 14:52	9/1/2012 16:20	9/1/2012 16:35
9/22/2012 8:01	9/22/2012 8:15	9/22/2012 8:45	9/22/2012 10:00
10/23/2012 14:17	10/23/2012 14:32	10/23/2012 14:45	10/23/2012 15:00
10/27/2012 14:40	10/27/2012 14:59	10/27/2012 17:08	10/27/2012 17:25
12/10/2012 12:20	12/10/2012 12:37	12/10/2012 12:57	12/10/2012 13:57
12/16/2012 18:44	12/16/2012 19:30	12/16/2012 21:00	12/16/2012 23:00
12/22/2012 0:00	12/22/2012 16:59	12/22/2012 19:20	12/22/2012 19:30
1/21/2013 12:00	1/21/2013 12:08	1/21/2013 13:45	1/21/2013 15:45
2/5/2013 21:37	2/5/2013 22:50	2/6/2013 0:00	2/6/2013 0:30
2/20/2013 13:22	2/20/2013 13:50	2/20/2013 14:30	2/20/2013 14:50
2/24/2013 11:16	2/24/2013 11:30	2/24/2013 12:15	2/24/2013 13:30
2/28/2013 15:41	2/28/2013 16:00	2/28/2013 17:00	2/28/2013 17:30
3/22/2013 20:10	3/22/2013 20:15	3/22/2013 21:50	3/22/2013 22:10
5/1/2013 8:17	5/1/2013 8:40	5/1/2013 9:20	5/1/2013 11:10
8/21/2013 10:11	8/21/2013 11:18	8/21/2013 11:35	8/21/2013 12:27
8/28/2013 8:06	8/28/2013 8:11	8/28/2013 8:57	8/28/2013 9:46
8/31/2013 13:15	8/31/2013 13:30	8/31/2013 15:20	8/31/2013 16:36
9/18/2013 16:17	9/18/2013 16:26	9/18/2013 17:00	9/18/2013 17:30
9/14/2013 13:40	9/14/2013 13:50	9/14/2013 16:00	9/14/2013 18:00
10/4/2013 21:40	10/4/2013 23:35	10/5/2013 1:30	10/5/2013 1:45
10/11/2013 11:00	10/11/2013 11:05	10/11/2013 11:45	10/11/2013 12:15
10/26/2013 14:20	10/26/2013 14:35	10/26/2013 16:30	10/26/2013 19:45
10/26/2013 14:20	10/26/2013 14:35	10/26/2013 16:30	10/26/2013 19:35
11/24/2013 18:37	11/24/2013 18:45	11/24/2013 20:00	11/24/2013 20:15
3/4/2007 11:00	3/4/2007 11:00	3/4/2007 13:30	3/4/2007 13:45
4/30/2007 17:30	4/30/2007 17:30	4/30/2007 20:10	4/30/2007 21:40
4/27/2008 15:10	4/27/2008 15:35	4/27/2008 17:43	4/27/2008 18:05
11/29/2008 16:05	11/29/2008 16:05	11/29/2008 18:30	11/29/2008 19:00
1/25/2009 20:40	1/25/2009 22:20	1/26/2009 1:00	1/26/2009 1:30
1/6/2010 11:40	1/6/2010 11:50	1/6/2010 12:00	1/6/2010 12:35
5/19/2010 16:15	5/19/2010 16:15	5/19/2010 18:10	5/19/2010 19:31
8/3/2011 13:35	8/3/2011 13:35	8/3/2011 15:15	8/3/2011 15:21
11/23/2011 17:30	11/23/2011 17:30	11/23/2011 20:15	11/23/2011 23:35
2/21/2012 12:15	2/21/2012 12:15	2/21/2012 12:44	2/21/2012 14:05
1/28/2013 9:32	1/28/2013 9:32	1/28/2013 10:30	1/28/2013 13:20
5/8/2013 16:40	5/8/2013 16:40	5/8/2013 17:40	5/8/2013 22:00
3/2/2007 8:10	3/2/2007 8:15	3/2/2007 8:40	3/2/2007 9:15
3/5/2007 7:00	3/5/2007 7:20	3/5/2007 7:30	3/5/2007 7:45
3/11/2007 10:30	3/11/2007 10:30	3/11/2007 10:45	3/11/2007 11:00
3/21/2007 9:30	3/21/2007 9:30	3/21/2007 9:40	3/21/2007 9:55
3/17/2007 17:15	3/17/2007 17:15	3/17/2007 17:45	3/17/2007 19:30
4/20/2007 2:10	4/20/2007 2:17	4/20/2007 2:17	4/20/2007 4:00
5/24/2007 8:15	5/24/2007 8:20	5/24/2007 8:30	5/24/2007 8:42
8/19/2007 9:20	8/19/2007 9:20	8/19/2007 9:40	8/19/2007 10:05
9/17/2007 9:45	9/17/2007 9:45	9/17/2007 10:00	9/17/2007 10:15
10/26/2007 8:00	10/26/2007 8:20	10/26/2007 8:30	10/26/2007 9:00
12/14/2007 7:00	12/14/2007 7:00	12/14/2007 7:15	12/14/2007 7:20
1/16/2008 9:00	1/16/2008 9:15	1/16/2008 9:30	1/16/2008 9:45

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

Rocks, debris, roots, and grease.

Cement like substance, heavy debris, and sticks.
Grease and Rags

Roots and grease

Bamboo stick

Rags and grease

Sand and roots
Calcium buildup and grease.
Roots and grease

Heavy roots/light grease and possibly broken line.
Possibly roots...

Rags

Heavy calcium scale
Calcium build up and heavy roots.
Roots and Rags
Heavey calcium and rags
Rocks and boulder thrown into Manhole No. 261
Wall of manhole failed allowing fill sand to enter manhole and cause blockage in line.

VONS SHOPPING CENTER CLEANED LINE.

There were large amount of roots

Main
Main
Main
Main
Main
Main
Main
Main
Main
Main
Main
Main
Upper Lateral
Main
Main
Main
Main
Main
Main
Main
Main
Main
Gravity Mainline
Gravity Mainline
Gravity Mainline
Gravity Mainline
Gravity Mainline
Gravity Mainline
Gravity Mainline
Gravity Mainline

Main
Main
Main
Main
Main

Main
Main
Main

Main

Main

No	15 VCP
No	6 CLAY
No	6 clay
No	8 CLAY
No	6 CLAY
No	6 clay
No	8 VCP
No	6 vcp
No	8 VCP
No	8 VCP
No	8 VCP
No	8 CLAY

50
60
60
50
50
30
55
55
40
50
60
50

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

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

Cleaned-Up;Mitigated Effects of Spill;Contained all or portion of spill;Restored flow;Returned Portion of Spill to Sanitary S
Cleaned-Up;Restored flow;Returned Portion of Spill to Sanitary Sewer System;Property Owner Notified;Other Enforceme
Cleaned-Up;Contained all or portion of spill;Restored flow;Returned All Spill to Sanitary Sewer System;Returned Portion
Cleaned-Up;Restored flow;Property Owner Notified;Other Enforcement Agency Notified
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow
Cleaned-up (mitigated effects of spill)
Contained all or portion of spill;Restored flow
Other (specify below)
Other (specify below)
Cleaned-up (mitigated effects of spill);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);Restored flow;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
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow;Returned all or portion of spill to sanit
Inspected sewer using CCTV to determine cause;Restored flow
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Contained all or portion of spill
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow;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
Inspected sewer using CCTV to determine cause
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow;Returned all or portion of spill to sanit
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R

Rodder equipment was used to break down mainline stoppage.
Upon arrival Manhole No. 130 was up but not overflowing. However, it showed signs of an overflow. Hydro Root Sawed
Initial call came in as a back up. Upon arrival found mainline was up but not overflowing. Hydro equipment was used fro

Upon arrival, found mainline up but not overflowing. Rodder equipment was used to break down a heavy root stoppage i
Upon arrival, manhole was up but not overflowing. However, it did showed signs of an overflow. Rodder equipment was
Upon arrival, manhole was up but not overflowing.
Arrived at 14233 Leffingwell Road and found Manhole No. 289 was overflowing. Hydro equipment was used to break do

Crew hydroed the mainlineto break down grease stoppage. Crews also placed absorbent socks.
Upon arrival, the crew contained the spill and hydroed from MH 141 to MH 145 to break down grease stoppage. The cre
Upon arrivial, the mainline showed signs of stoppage and the crew hydroed the mainline from MH 199 to MH 197.
Crew containted the spill within the surrouding field and cleaned up the area with vactor truck.
Upon arrival, the crew found our mainline up which caused the cleanout overflow. The crew hydroed from MH 210 to 148

Upon arrival, the crew hand rodded r/w S/O Santa Bella Road from MH 23 to MH 22 ande broke down root stoppage.

Supervisor was notified of the spill at 8:15 PM and arrived to the location at 8:45 PM. He notified crew at 8:40 PM and cr

We rodded the mainline to break down a root stoppage. The spill was contained, vacuumed and returned to the system.
We rodded the mainline to break down a root stoppage. The spill was contained with vactor truck and area cleaned.

Upon arrival manhole was up but not overflowing. Rodder equipment was used to break down mainline blockage.
Upon arrival manhole was up but not overflowing, it showed signs that at some point it had spilled onto street and into cat
Upon arrival manhole was up but not overflowing. Rodder equipment was used to break down the mainline blockage. Th

Hedro equipment was used to break down mainline stoppage.
Rodder equipment was used to break down mainline stoppage. A claim form was delivered to the home owner's of the p

Upon Arrivial, manhole 260 was up but was not overflowing. The crew rodded between mH 208 and MH 260 to break do

contained spill then broke stoppage

CCTV,CORECT ACTION TAKEN WILL BE TO FOLLOW LINE TO SEE WHAT NEEDS TO BE DONE.

6/25/2012 11:30
6/29/2012 9:30
7/6/2012 19:10
8/4/2012 19:30

9/1/2012 17:00

10/23/2012 15:30
10/27/2012 21:15
12/10/2012 17:30

2/6/2013 3:00

2/24/2013 15:35
2/28/2013 20:00
3/23/2013 0:00
5/1/2013 11:10

9/18/2013 18:10

10/11/2013 14:20
10/26/2013 23:30
10/26/2013 23:30
11/24/2013 23:20
3/4/2007 14:45
4/30/2007 22:20
4/27/2008 19:10
11/29/2008 20:30
1/26/2009 3:50

5/19/2010 21:00
8/3/2011 16:34

5/9/2013 19:00
3/2/2007 9:15

3/14/2007 1:11

4/23/2007 12:00

10/26/2007 10:00
12/14/2007 14:30

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

Other (specify below)

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

Added sewer to preventive maintenance program

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

Added sewer to preventive maintenance program

Added sewer to preventive maintenance program

Other (specify below)
Repaired sewer

Mainline will be televised to determine if further actions are needed.
Mainline will be televised to determine if further actions are needed.

Mainline will be televised to determine if further actions are needed.

Mainline will be televised to determine if further actions are needed.

Mainline will be televised to determine if further actions are needed.

Mainline will be televised to determine if further actions are needed.
Mainline will be televised to determine if further actions are needed.
Mainline will be televised to determine if further actions are needed.

Mainline will be televised to determine if further actions are needed.

Mainline will be televised to determine if further actions are needed.
Mainline will be televised to determine if further actions are needed.

Keep manholes locked. Stoppage was caused by vandalism.

sewer line has been updated with larger pipe material.

Line to be chemically treated for roots. Was done earllier this year.

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

Yes

No
No

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
No
No
No

Yes
No

No
Yes

No

Yes

Yes
No

NA

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

N/A

N/A

state beach wild life pond

Ash st out fall

NA

No impacted surface water. Spill did not reach into a storm drain.
No impacted surface water. Sewage was fully returned to sanitary sewer system.
Dominguez Channel
Drain 5340/Ballona Creek
San Gabriel River
San Gabriel River
No impacted surface water.
Private Drain/San Gabriel River Watershed
No impacted surface water.
Storm drain 531/San Gabriel River Watershed
Compton Creek/Los Angeles River
Private Drain/ San Gabriel Watershed.
Spill did not reach the storm drain. Flow contained within the field and returned back into the system.
Did not reach the storm drain. Contained within soil at the resident.
The spill did not reach the storm drain.
private drain/Dominguez Channel Watershed
No impacted surface water
The spill did not reach the storm drain.
Lower Dominguez Channel
Lower San Jose Creek
Upper Dominguez Channel
No impacted surface water. Spill did not reach into any drains/surface water(s).

No impact. Spill entered storm drain (PD 1376) outletting into a natural drainage course.
No Impact. spill entered storm drain outletting into a natural drainage course.
No impact. No evidence of spill raching surface water.
Lindero Canyon drain/Santa Monica Conservatory
Media Creek/Malibu Lake

Medea Creek
Private drain/Lake Lindero
No impacted surface water.
No impacted surface water.
The spills were contained and it did not reach the storm drain.
Private Drain/Medea Creek
N/A County Health Rep. Debbie Borsos felt that the 500 gallons would only travel 1/4 mile. Will not reach Santa Clara Ri\

ash st storm drain that leads to wild life pond

Harbor blvd Beach.

NA

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

No water quality samples taken

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

Not applicable to this spill

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

No water quality samples taken

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

No water quality samples taken

Not applicable to this spill

Not applicable to this spill
No water quality samples taken

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

No water quality samples taken

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

Not applicable to this spill

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

No water quality samples taken

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

Not applicable to this spill

None of the above

None of the above
Not applicable to this spill

Visual

Visual/chart
Visual/Chart
Visual/Chart
Visual/Chart

121138	2/27/2012 18:45
123407	6/11/2012 17:44
123684	6/25/2012 9:30
123792	6/29/2012 7:47
193302	7/6/2012 14:38
124548	8/4/2012 16:15
124894	8/17/2012 18:10
125255	9/1/2012 14:59
125710	9/22/2012 8:25
126401	10/23/2012 14:33
126502	10/27/2012 14:50
127544	12/10/2012 12:39
750750	12/16/2012 19:35
127825	12/22/2012 17:10
130432	1/21/2013 12:38
130779	2/6/2013 0:22
131072	2/20/2013 13:50
131157	2/24/2013 12:11
131241	2/28/2013 16:00
131765	3/22/2013 21:10
132595	5/1/2013 8:45
135186	8/21/2013 11:23
135876	9/18/2013 16:45
136356	10/11/2013 13:20
136666	10/26/2013 14:40
136666	10/26/2013 14:40
137277	11/24/2013 19:04
71390	3/4/2007 14:20
72632	4/30/2007 23:40
83069	4/27/2008 17:12
88579	12/1/2008 11:30
90757	1/25/2009 23:07
100097	1/6/2010 11:52
930911	5/19/2010 17:05
114606	8/3/2011 13:47
117063	11/29/2011 9:30
121011	2/21/2012 12:30
	1/28/2013 18:28
132786	5/8/2013 16:49
76564	10/26/2007 10:25
77701	12/14/2007 9:41

Robert Swartz, Sr. CE	6263003367
Robert Swartz Supervisor	16263003367
Robert Swartz, Sr. CE	6263003367
Robert Swartz, Sr. CE	6263003367
Robert Swartz, Senior Civil Engineer	6263003367
Robert Swartz, Senior Civil Engineer	6263003367
Robert Swartz, Senior Civil Engineer	6263003367
Robert Swartz, Senior Civil Engineer	6263003367
Robert Swartz, Senior Civil Engineer	6263003367

4SSO11367	Active	712065	Joe Santos	Certified
4SSO11367	Active	712620	Dan Pfeifer	Certified
4SSO11367	Active	712674	Joe Santos	Certified
4SSO11367	Active	714663	Dan Pfeifer	Certified
4SSO11367	Active	715428	Joe Santos	Certified
4SSO11367	Active	715514	Dan Pfeifer	Certified
4SSO11367	Active	716891	Joe Santos	Certified
4SSO11367	Active	719909	Joe Santos	Certified
4SSO11367	Active	722888	Joe Santos	Certified
4SSO11367	Active	724188	DAN PFEIFER	Certified
4SSO11367	Active	725445	Joe Santos	Certified
4SSO11367	Active	725526	Joe Santos	Certified
4SSO11367	Active	727499	Joe Santos	Certified
4SSO11367	Active	732589	Joe Santos	Certified
4SSO11367	Active	732849	Joe Santos	Certified
4SSO11367	Active	733237	Joe Santos	Certified
4SSO11367	Active	736354	Joe Santos	Certified
4SSO11367	Active	736464	Joe Santos	Certified
4SSO11367	Active	737901	Joe Santos	Certified
4SSO11367	Active	740131	Joe Santos	Certified
4SSO11367	Active	742387	Joe Santos	Certified
4SSO11367	Active	742885	Joe Santos	Certified
4SSO11367	Active	743704	Joe Santos	Certified
4SSO11367	Active	744993	Joe Santos	Certified
4SSO11367	Active	745024	Joe Santos	Certified
4SSO11367	Active	747047	Joe Santos	Certified
4SSO11367	Active	749528	Joe Santos	Certified
4SSO11367	Active	750184	Dan Pfeifer	Certified
4SSO11367	Active	750595	Joe Santos	Certified
4SSO11367	Active	751244	Dan Pfeifer	Certified
4SSO11367	Active	751666	Dan Pfeifer	Certified
4SSO11367	Active	753280	Joe Santos	Certified
4SSO11367	Active	756514	Joe Santos	Certified
4SSO11367	Active	756761	Joe Santos	Certified
4SSO11367	Active	759070	Joe Santos	Certified
4SSO11367	Active	759312	Joe Santos	Certified
4SSO11367	Active	767651	Joe Santos	Certified
4SSO11367	Active	769179	Joe Santos	Certified
4SSO11367	Active	771032	Joe Santos	Certified
4SSO11367	Active	771900	Joe Santos	Certified
4SSO11367	Active	772379	Joe Santos	Certified
4SSO11367	Active	773486	Joe Santos	Certified
4SSO11367	Active	773930	Joe Santos	Certified
4SSO11367	Active	774287	Joe Santos	Certified
4SSO11367	Active	776552	Joe Santos	Certified
4SSO11367	Active	778428	Dan Pfeifer	Certified
4SSO11367	Active	781482	Dan PFEIFER	Certified
4SSO11367	Active	781483	Dan Pfeifer	Certified
4SSO11367	Active	788328	dpfeifer	Certified
4SSO11367	Active	788335	dpfeifer	Certified
4SSO11367	Active	792557	Dan Pfeifer	Certified
4SSO11367	Active	795416	Dan Pfeifer	Certified
4SSO11367	Active	796680	Dan Pfeifer	Certified
4SSO11367	Active	796881	Dan Pfeifer	Certified
4SSO11367	Active	798103	Dan Pfeifer	Certified

Supervisor
Wastwater Superintendent
Supervisor
Wastewater superintendent
Supervisor
Wastewater superintendent
Supervisor
Supervisor
Supervisor
SUPERINTENDENT
Supervior
Supervisor
Maintenance Supervisor
Wastewater
Wastewater Maintenance Supervisor
Supervisor
Supervisor
Supervisor
Joe Santos
Wastewater Supervisor
Supervisor
Supervisor
Supervisor
Supervisor
Supervisor
Supervisor
Supervisor
Wastewater superintendent
Supervisor
Wastewater superintendent
Wastewater superintendent
Supervisor
Maintenance Supervisor
Maintenance Supervisor
Supervisor
Supervisor
Supervisor
Supervisor
Supervisor
Supervisor
Supervisor
Supervisor
Supervisor
Supervisor
Supervisor
Wastewater Utility Manager
Wastewater Utilitys Manager
Wastewater Utility Manager
wastewater manager
wastewater manager
Wastewater Manager
Wastewater Manager
Wastewater Manager
Wastewater Manager
Wastewater Manager

Wastewater Plant	557212
Wastewater Plant	598383
Wastewater Plant	707279
City of Ventura	518200
Wastewater Plant	814285
city of ventura	857733
Wastewater Plant	903492
Wastewater Plant	972963
Wastewater Plant	710749
CITY OF VENTURA	494064
Wastewater Plant	403630
Wastewater Plant	853841
Wastewater Plant	588755
Plant	431869
Wastewater Plant	696906
Wastewater Plant	236768
Wastewater Plant	985382
Treatment plant	883891
Wastewater Plant	694659
Wastewater Plant	705612
Wastewater Plant	887590
Wastewater Plant	826341
Treatment Plant	857893
Wastewater Plant	201880
Wastewater Plant	234792
Wastewater Plant	875914
Wastewater plant	942936
wastewater treatment plant	846652
Wastewater Plant	405393
Wastewater treatment plant	381019
Wastewater treatment plant	495599
Wastewater Plant	290418
Wastewater Plant	141878
Wastewater Plant	635411
Wastewater Plant	320654
Wastewater Plant	993919
Wastewater Plant	536981
City of Ventura Plant	327510
Wastewater Plant	308394
Plant	985440
Wastewater Plant	108824
Wastewater Plant	137528
Wastewater Plant	840974
Wastewater Plant	480703
Wastewater Plant	177020
ventura ca	770805
ventura	930622
ventura co	504134
ventura ca	835632
ventura ca	918990
Ventura CA	157919
Ventura ca	147556
Ventura CA	532198
Ventura CA	680920
Ventura CA	177787

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

Category 3		50	50
Category 3		20	20
Category 3		20	0
Category 3		400	400
Category 2		1000	1000
Category 3		100	100
Category 1		25	13
Category 3		20	20
Category 3		40	40
Category 3		20	20
Category 3		10	10
Category 3		30	30
Category 3		15	15
Category 1		2000	1900
Category 3		75	75
Category 1		75	45
Category 1		200	50
Category 3		50	50
Category 1		200	0
Category 3		2	0
Category 1		100	0
Category 3		25	25
Category 3		250	0
Category 1		350	300
Category 3		20	20
Category 1		50	48
Category 3		10	0
Category 3		10	0
Category 3		250	250
Category 3		50	50
Category 3		75	20
Category 3		75	75
Category 3		100	100
Category 3		12	12
Category 1		40	0
Category 3		10	0
Category 3		25	25
Category 3		25	25
Category 3		15	15
Category 3		22	22
Category 3		30	30
Category 3		15	15
Category 3		100	100
Category 3		50	50
Category 1		150	150
Category 3		10	10
Category 3		20	20
Category 3		200	0
Category 3		5	0
Category 1		50	0
Category 2		2000	2000
Category 3		80	80
Category 3	0	25	25
Category 3	0	50	50
Category 2	0	1500	0

0	No	No
	No	No
0	No	No
0	No	No
0	No	Yes
0	No	No
12	No	Yes
0	No	No
0	No	Yes
0	No	No
0	No	No
0	No	No
0	No	No
100	No	Yes
0	No	No
30	No	Yes
150	No	Yes
0	No	Yes
200	No	Yes
0	No	No
100	No	Yes
0	No	No
0	No	No
50	No	Yes
0	No	No
2	No	Yes
0	No	No
0	No	Yes
0	No	Yes
0	No	No
0	No	No
0	No	No
0	No	No
0	No	No
40	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
150	Yes	Yes
0	No	No
0	No	No
0	No	Yes
0	No	No
10	Yes	Yes
0	No	Yes
0	No	No
0	No	No
0	No	No
0	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
Not Applicable - Spill did not reach a separate storm drainpipe

Aliso st
279 Brodiea Street
2917 GROVE LN
BORCHARD AND THOMPSON ALLEY
Tyler Barranca north of Highway 126
Parking lot of Ventura Pier
Harbor Blvd At Vista Del Mar
156 BARNETT
FOSTER AVE & LINDA VISTA.
1583 ARUNDELL DR
1510 BRODIEA AVE
INTERSECTION OF TAFT & HOOVER
248 and 249 Court Street
Intersection of Bucknell & Aurora
Intersection of Main & Ann st
Intersection os Pettit & Oneida
intersection of loma vista & tulane
Figueroa st and surfers point
267 crestwood st
Manhole in sewer easement at 1902 Terrace Drive
1511 church st
1199 church Street, Ventura California
2024 Terrace dr
2751 Poli st
3207 Hilltop Dr
338 dakota
5642 Juniata st
1194 Poli st
INTERSECTION OF MAIN & ANN ST
214 Jordan st
1693 Poli st
Intersection of Taylor & Palomares
174 Cameron ct
366 San Jon ave
1419 Santa Clara
1718 San Nicholas
Topaz Lift station
Man hole at 243 Palomares
386 Dakota
271 Lincoln Dr
Intersection of Loma Vista & Ashwood
3143 Breaker Dr
10949 Wells rd
Camino Real Park #2 field
336 Mariposa
Winding way & Kalorama
2354 Hyland Ave
Intersection of Via Baja & Via Arroyo
252 Ramona st
Intersection of Shannon & Kenebec
Camino Real Park
3101 Hilltop dr
1410 Brodiea ave
405,403 Mariposa
5279 Aurora Dr

34.284042	-119.279433	Ventura
34.284047	119.276694	Ventura
34.28153	-119.25763	Ventura
34.271111	119.261111	Ventura
34.2744	-119.197056	Ventura
34.275867	119.290761	Ventura
34.272342	-119.283017	Ventura
34.29226	-119.29991	Ventura
34.28203	-119.269	Ventura
34.26	119.248325	Ventura
34.28389	-119.27751	Ventura
34.278333	-119.1975	Ventura
34.278797	119.242456	Ventura
34.275	-119.225556	Ventura
34.280833	119.283889	Ventura
34.271944	-119.170278	Ventura
34.278333	-119.237222	Ventura
34.275	-119.297778	Ventura
34.282778	-119.220556	Ventura
34.2825	-119.271389	Ventura
34.310556	-119.283889	Ventura
34.299444	-119.285556	Ventura
34.282619	-119.268361	Ventura
34.279444	-119.258333	Ventura
34.28221	-119.2535	Ventura
34.309722	-119.286111	Ventura
34.280278	-119.218889	Ventura
34.281944	-119.282603	Ventura
34.280833	-119.283889	Ventura
34.273889	-119.266389	Ventura
34.273056	-119.279167	Ventura
34.281111	-119.245278	Ventura
34.301389	-119.292222	Ventura
34.274444	-119.278333	Ventura
34.280239	-119.279494	Ventura
34.27693	-119.27516	Ventura
34.26243	-119.17423	Ventura
34.27825	-119.24506	Ventura
34.31122	-119.28589	Ventura
34.28285	-119.27433	Ventura
34.27798	-119.23993	Ventura
34.28358	-119.25502	Ventura
34.295	-119.16128	Ventura
34.26808	-119.23602	Ventura
34.28513	-119.27851	Ventura
34.28638	-119.28642	Ventura
34.28197	-119.26817	Ventura
34.288	-119.20617	Ventura
34.29046	-119.30222	Ventura
34.26162	-119.17136	Ventura
34.26598	-119.2399	Ventura
34.28202	-119.25496	Ventura
34.28441	-119.27926	Ventura
34.28603	-119.27844	Ventura
34.163658	-119.133275	Ventura

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OUT MAN HOLE
Sewer overflow at manhole in intersection of Brodiea and Manzanita.
LOCATION WAS AT 2917 GROVE ST,MANHOLE HAD OVERFLOWED APPROXIMATE 20 GALLONS,CAUSE WAS H
SPILL WAS FROM A PRIVATE CLEANOUT.WAS CONTAINED AND RETURNED TO SEWER SYSTEM
Tyler Barranca
Overflow occured in parking lot of ventura pier
Overflowing manhole at intersection of Harbor Blvd and Vista Del Mar Street
MANHOLE at 156 Barnett
SPILLED OUT OF MANHOLE INTO STORM DRAIN LOTS OF HOMEOWNER FLOW IN SAME DRAIN
SPILLED OUT OF MANHOLE ONTO STREET FULLY CONTAINED
OUT OF MANHOLE
OVERFLOWING MANHOLE
Stoppage in main line causing back up out of clean out in front yard of 249 Court.
sewer backed up and came out of pick hole,approximate 2000 gallons spilled into storm drain catch basin. We picked up
Sewer was coming out of cleanout on main st
sewer came out of pick hole approximate 3 gallons per minute,total stoppage was 75 gallons,30 gallons was not recovere
sewer spilled out through pick hole in the intersection of loma vista and tulane,was 200 gallons of raw sewage in liquid for
spill came out of pick hole onto grass area was 50 gallons out of sewer system 10 of the 50 gallons got into storm drain,w
sewer was coming out through manhole ring and cover
Manhole in sewer easement overflowed

Sewage overflowed from a cloeanout in residents front yard and flowed in to the street where it was contained.
Stoppage was coming out of manhole ring and cover in easement.
sewer came out through pick hole of a manhole cover

sewer stoppage 50 gallons, 2 gallons entered drainage channel.manhole located in front of 338 Dakota Dr
sewage came out of toilet in private property,approximate 10 gallons
location of manhole was wet around ring and cover,there was no standing water in street or in storm drain,appeared that a
SEWAGE WAS COMING OUT FROM PICK HOLE AT MAIIN ST & ANN ST, APPROXIMATE WAS 250 GALLONS THA
overflowing manhole was 50 gallons, none reached storm drain or waters of us,cause by grease and roots,came out of pic
sewage came out of manhole cover pick hole at poli st easement, was approximate 75 gallons of raw sewage,sewage dic
75 gallons of liquid sewage came out of pick hole of a manhole, homeowner informed us that he had his lateral cleaned o
50 gallons of liquid sewage discharged into a residential home by way of toilet seals,plumbing drain p-traps, also 50 gallo
Had stoppage behind city yard. approximate 12 gallons spilled from pick hole, all fluid was picked up and returned to sew
Sewage came out through collapsed cleanout cap, 40 gallons of sewage ran down to storm drain catch basin.
10 gallons of raw sewage came out of resident cleanout, liquid sewage was released due to main line stoppage,was conta
25 gallons of liquid sewage came out ac force main on to street, at Topaz lift station.
Liquid sewage came out of pick hole at 243 Palomares, due to roots in line
Spill backed up into residents house at 386 Dakota Drive.
22 gallons of raw sewage in liquid form escaped on to city strret in way of manhole pick hole, all was captured and returne
Manhole at intersection of Loma Vista and ashwood overflowed from pick hole, approximate 30 gallons of liquid sewage,
Raw sewage in liquid form was released through pick hole at 3143 Breaker Dr. all was captured and returned to sewer sys
100 gallons of raw sewage was released from pick hole of manhole up stream of telegraph rd, all sewage was picked up a
Sewage came out through manhole at baseball field park. cause was roots, 50gallons escaped and retrieved. Did reach U
150 gallons of raw sewage escaped through a pick hole and entered storm drain channel, all was recovered and put back
10 Gallons of raw sewage reached the surface through manhole pick hole, all was retrieved and put back into sewer syste
20 gallons of liquid sewage spilled out through manhole at 2354 Hy land ave, Rag ball was the cause of incident, no sew
200 Gallons spilled out from manhole on Via Baja, cause of spill was large amounts of rag deposit, 200 gallons escaped i
5 Gallons of raw liquid sewage came out of pickhole, all sewage was disolved into soil, none entered waters of the US
50 gallons of raw sewage came out of a manhole, 50 gallons escaped into a catch basin that led into the santa clara river
Sewer came out of manhole, was approximate 2000 gallons of liquid form, 1500 gallons was discharged into storm drain,
Overflowing manhole at 3101 Hilltop dr, approximate 80 gallons of raw sewage spilled onto street, all was captured, none
25 gallons of sewer was released out of a sewer manhole, all was captured and returned to system
Responded to a overflowing private lateral, private lateral was broken at wye connection, there was large tap roots comin
Overflowing manhole infront of 5279 Aurora DR caused by roots pushed into main via latteral

OMEOWNER CLEANED LATERAL.

1900 gallons.

d
m
as fully captured and put back into sewe

approximate 10 gallons spilled out of ma
T WAS FULLY CAPTURED AND REST
ck hole
d not reach us waters
ut and obseved large roots from his late
ns was discharged from manhole downs
er system, no flow reached us waters

ained in dirt area, by the time city crews

ed to sewer system, none reached water
none reached waters of us.
stem, none reached us waters.
and put back into sewer system, none re
IS waters.
into sewer system, none reached US wa
em, none reached the waters of the us.
age reached US Waters, all was capture
nto drainage channel that leads into farr

, all flow absorbed into soil. cause was a
500 gallons were on grass area, all was
reached stormdrain nor Us Waters.

1
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Manhole
Manhole
Manhole
Building or structure
Manhole
Manhole
Manhole
Manhole
Gravity sewer
Manhole
Manhole
Manhole
Other sewer system structure
Manhole
Gravity sewer
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Gravity sewer
Gravity sewer
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Building or structure
Gravity sewer
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Building or structure
Manhole
Gravity sewer
Other (specify)
Force main or pressure sewer
Manhole
Building or structure
Manhole
Manhole
Manhole
Gravity sewer
Manhole
Manhole
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Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Gravity Mainline
Lower Lateral (Private)
Gravity Mainline

SPILLED OUT OF PICK HOLE FROM MANHOLE

.

Residance cleanout

Resident filed claim notifing us on Feb.3 of sewage from toilet in bathroom, we did not observe liquid or any form of sewa

Private resident cleanout

Was discharged into 405 Mariposa were sewage was contained, later picked up by private contractor.

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

CONTAINED AT CURB.DID NOT ENTER STORM DRAIN

Dirt Barranca nothing entered any waterways,dirt area all was captured

Front yard of 248 Court.

sewer spilled out of cleanout. Was fully contained approximate 50' in front of storm drain basin. Was cleaned up and put

Spilled onto sidewalk and grass area.

Sewage is contained in a small dirt area along side a drainage channel, sewage cannot be recovered, all will peculate in r

All sewer was captured and put back into sewer system

manhole
Contractor properly picked up sewage and discharged at private location

1/25/2008 7:20	1/25/2008 7:20	1/25/2008 7:30	1/25/2008 7:40
2/8/2008 7:30	2/8/2008 7:30	2/8/2008 7:50	2/8/2008 7:50
1/31/2008 16:50	1/31/2008 16:50	1/31/2008 17:10	1/31/2008 17:10
3/2/2008 16:00	3/2/2008 16:10	3/2/2008 16:10	3/2/2008 21:30
3/26/2008 13:03	3/26/2008 13:03	3/26/2008 13:15	3/26/2008 14:15
3/19/2008 18:45	3/19/2008 18:45	3/19/2008 19:00	3/19/2008 19:15
5/2/2008 9:15	5/2/2008 9:15	5/2/2008 9:15	5/2/2008 9:30
6/6/2008 8:15	6/6/2008 8:15	6/6/2008 8:25	6/6/2008 8:35
7/20/2008 9:00	7/20/2008 9:00	7/20/2008 9:20	7/20/2008 10:30
8/4/2008 13:15	8/4/2008 13:15	8/4/2008 14:00	8/4/2008 14:15
8/18/2008 10:00	8/18/2008 10:00	8/18/2008 10:15	8/18/2008 10:30
8/31/2008 11:30	8/31/2008 11:30	8/31/2008 11:45	8/31/2008 13:30
10/7/2008 8:45	10/7/2008 8:45	10/7/2008 9:15	10/7/2008 9:20
1/27/2009 8:00	1/27/2009 8:00	1/27/2009 8:15	1/27/2009 8:30
1/31/2009 16:00	1/31/2009 16:00	1/31/2009 16:15	1/31/2009 16:21
2/8/2009 14:30	2/8/2009 14:30	2/8/2009 14:50	2/8/2009 15:10
4/15/2009 9:00	4/15/2009 9:00	4/15/2009 9:15	4/15/2009 9:30
4/18/2009 10:45	4/18/2009 10:45	4/18/2009 11:10	4/18/2009 11:25
5/24/2009 18:15	5/24/2009 18:15	5/24/2009 18:30	5/24/2009 18:45
6/28/2009 11:50	6/28/2009 11:50	6/28/2009 12:35	6/28/2009 12:45
8/4/2009 11:15	8/4/2009 11:15	8/4/2009 11:20	8/4/2009 11:25
8/11/2009 15:40	8/11/2009 15:40	8/11/2009 15:45	8/11/2009 16:00
8/25/2009 15:00	8/25/2009 15:00	8/25/2009 15:30	8/25/2009 15:45
9/24/2009 10:02	9/24/2009 9:02	9/24/2009 10:20	9/24/2009 10:23
9/25/2009 8:35	9/25/2009 8:40	9/25/2009 8:40	9/25/2009 8:45
11/24/2009 13:42	11/24/2009 13:50	11/24/2009 13:50	11/24/2009 14:05
12/12/2009 16:00	12/14/2009 9:00	12/14/2009 9:15	2/14/2010 10:00
3/6/2010 7:45	3/6/2010 7:45	3/6/2010 8:00	3/6/2010 8:00
3/16/2010 9:00	3/16/2010 9:00	3/16/2010 9:10	3/16/2010 9:20
3/31/2010 20:05	3/31/2010 20:05	3/31/2010 20:45	3/31/2010 20:50
4/14/2010 8:30	4/14/2010 8:30	4/14/2010 8:40	4/14/2010 9:30
6/9/2010 11:40	6/9/2010 11:40	6/9/2010 11:45	6/9/2010 12:00
8/31/2010 19:20	8/31/2010 19:20	8/31/2010 19:50	8/31/2010 20:10
9/13/2010 10:00	9/13/2010 10:00	9/13/2010 10:10	9/13/2010 10:20
12/2/2010 8:00	12/2/2010 8:00	12/2/2010 8:10	12/2/2010 8:10
12/10/2010 17:20	12/10/2010 17:20	12/10/2010 17:50	12/10/2010 19:45
6/19/2011 12:45	6/19/2011 12:45	6/19/2011 13:00	6/19/2011 13:00
7/28/2011 20:51	7/28/2011 20:51	7/28/2011 21:15	7/28/2011 9:30
9/14/2011 9:30	9/14/2011 18:15	9/14/2011 9:30	9/14/2011 13:00
10/10/2011 10:05	10/10/2011 10:05	10/10/2011 10:15	10/10/2011 10:25
10/26/2011 10:43	10/26/2011 10:43	10/26/2011 10:43	10/26/2011 10:55
11/25/2011 11:30	11/25/2011 11:30	11/25/2011 12:00	11/25/2011 15:00
12/10/2011 8:30	12/10/2011 8:30	12/10/2011 9:00	12/10/2011 9:30
12/17/2011 9:00	12/17/2011 9:00	12/17/2011 9:40	12/17/2011 10:30
1/28/2012 12:25	1/28/2012 12:25	1/28/2012 13:10	1/28/2012 14:15
2/29/2012 12:00	2/29/2012 12:10	2/29/2012 12:10	2/29/2012 12:50
5/18/2012 11:25	5/18/2012 11:25	5/18/2012 11:40	5/18/2012 11:50
5/20/2012 6:45	5/20/2012 6:45	5/20/2012 7:10	5/20/2012 7:30
11/15/2012 9:00	11/15/2012 9:15	11/15/2012 9:15	11/15/2012 10:30
11/21/2012 12:50	11/21/2012 12:50	11/21/2012 13:05	11/21/2012 14:00
3/12/2013 8:24	3/12/2013 8:24	3/12/2013 8:40	3/12/2013 10:30
6/12/2013 7:20	6/12/2013 7:20	6/12/2013 7:30	6/12/2013 7:40
7/11/2013 9:20	7/11/2013 9:30	7/11/2013 9:30	7/11/2013 9:35
6/28/2013 14:40	6/28/2013 15:00	6/28/2013 15:00	6/28/2013 19:30
8/21/2013 20:00	8/21/2013 20:00	8/21/2013 20:30	8/21/2013 20:45

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

CUSTOMER HAD CLEANED LATERAL,CAUSED THE ROOT BALL TO INTRUDE MAIN LINE

Stoppage caused by roots, grease, and a pipe in main line.

Unable to deternmine will CCTV to confirm cause.

City streets dept had a overlay project that caused large amounts of asphalt material to fall in and cause a sewer stoppag

Asphalt slurry

private Lateral

Main

Main

Main

Main
Main
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Main
Main

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

MANHOLE CAUSE WAS SOME ASPHALT CONCRETE DEBRI

Force main failure

Private lateral wye connection

	6	CLAY
	6	VCP
	8	CLAY
	6	CLAY
	8	VCP
	8	VCP
	8	
	8	PVC
	8	CLAY
	8	CLAY
	6	CLAY
	8	VCP
	8	VCP
	10	clay
	6	clay
	8	clay
	8	clay
	8	lined
	8	clay
	6	VCP
	8	CLAY
	6	VCP
	6	clay
	8	clay
	6	VCP
	6	clay
	8	
	6	clay
	8	CLAY
	6	
	8	clay
	6	
	8	
	6	
	6	VCP
	6	clay
		A/C
	8	Clay
	8	VCP
	6	VCP
	8	clay
	8	clay
	8	vcp
	8	clay
	6	clay
	8	pvc
	6	clay
	8	clay
	6	
	12	Clay
	8	clay
No	6	clay
No	6	clay
No	10	clay

50
80
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50

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85
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50

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

Returned Portion of Spill to Sanitary Sewer System

Corrected buble tube failure

3/27/2008 8:00

5/2/2008 11:00

7/21/2008 10:30

1/27/2009 4:30

2/8/2009 15:10
4/15/2009 9:30

5/24/2009 18:45

8/4/2009 11:25

9/24/2009 10:23

11/24/2009 14:05

3/8/2010 8:00

12/2/2010 13:00

2/1/2012 9:00

5/23/2012 8:00

11/21/2012 14:00
3/12/2013 16:00

8/21/2013 21:00

Other (specify below)

Added sewer to preventive maintenance program

Other (specify below)

Adjusted schedule/method of preventive maintenance

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

Added sewer to preventive maintenance program

Adjusted schedule/method of preventive maintenance

Other (specify below)

Plan rehabilitation or replacement of sewer

Added sewer to preventive maintenance program

Repaired sewer

Added sewer to preventive maintenance program

Added sewer to preventive maintenance program

Other (specify below)
Added sewer to preventive maintenance program

Added sewer to preventive maintenance program

Spoke with farmers operation staff regarding work around manhole. Raised above grade.

CCTV LINE

CCTV line no root intrusion from joints found.

Repaired bubble tube at lift station
CCTV line, put on a high frequent cleaning cycle

No

No

No

No

No
No

No

No

No

No

No

No

No

No

No

No

Yes

NA

Lateral connection to mainline damaged, will advise property owner to make repairs.

N/A

N/A
N/A

No

No

No

Yes

Yes
No

No

No

No

No

No

No

No

Yes
Yes

NA

N/a

NA

n/a

n/a

N/A
None reached waters of the US

n/a

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

N/a

NA

n/a

n/a

N/A
None

N/A

None
N/A
N/A
N/A

Santa Clara River
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

No water quality samples taken
No water quality samples taken

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

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

None of the above

None of the above

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

85369	7/23/2008 5:48
90800	1/27/2009 10:30
93903	5/24/2009 19:30
95453	8/4/2009 13:00
95894	8/25/2009 16:15
101608	3/6/2010 0:00
101816	3/16/2010 9:30
120592	1/28/2012 16:55
122978	5/20/2012 9:45
127116	11/26/2012 10:00
131518	3/12/2013 13:00

county evirommental Health	8056542480
Joe Barajas	8056774118
Joe Barajas	8056774118

4SSO11367	Active	798134	Dan Pfeifer	Certified
4SSO11368	Active	646723	Sharon Perlstein	Certified
4SSO11368	Active	647007	keith lehto	Certified
4SSO11368	Active	647744	keith lehto	Certified
4SSO11368	Active	647745	keith lehto	Certified
4SSO11368	Active	656086	Nicholas Agbobu	Certified
4SSO11368	Active	657901	Nicholas Agbobu	Certified
4SSO11368	Active	657973	Nicholas Agbobu	Certified
4SSO11368	Active	705604	Nicholas Agbobu	Certified
4SSO11368	Active	705605	Nicholas Agbobu	Certified
4SSO11368	Active	711641	Nicholas Agbobu	Certified
4SSO11368	Active	716140	Nicholas Agbobu	Certified
4SSO11368	Active	716193	Nicholas Agbobu	Certified
4SSO11368	Active	716217	Nicholas Agbobu	Certified
4SSO11368	Active	719936	Nicholas Agbobu	Certified
4SSO11368	Active	720140	Nicholas Agbobu	Certified
4SSO11368	Active	720167	Nicholas Agbobu	Certified
4SSO11368	Active	720170	Nicholas Agbobu	Certified
4SSO11368	Active	724187	Nicholas Agbobu	Certified
4SSO11368	Active	726075	Nicholas Agbobu	Certified
4SSO11368	Active	736886	Nicholas A. Agbobu	Certified
4SSO11368	Active	741787	Nicholas A. Agbobu	Certified
4SSO11368	Active	745370	Nicholas A. Agbobu	Certified
4SSO11368	Active	752726	Nicholas A. Agbobu	Certified
4SSO11368	Active	753293	Nicholas A. Agbobu	Certified
4SSO11368	Active	753306	Nicholas A. Agbobu	Certified
4SSO11368	Active	754721	Nicholas A. Agbobu	Certified
4SSO11368	Active	756149	Nicholas A. Agbobu	Certified
4SSO11368	Active	756153	Micholas A. Agbobu	Certified
4SSO11368	Active	758420	Nicholas A. Agbobu	Certified
4SSO11368	Active	758753	Nicholas A. Agbobu	Certified
4SSO11368	Active	758875	Nicholas A. Agbobu	Certified
4SSO11368	Active	763044	Nicholas A. Agbobu	Certified
4SSO11368	Active	770821	Nicholas A. Agbobu	Certified
4SSO11368	Active	770824	Nicholas A. Agbobu	Certified
4SSO11368	Active	785758	Nicholas A. Agbobu	Certified
4SSO11368	Active	786192	Nicholas A. Agbobu	Certified
4SSO11368	Active	790065	Nicholas A. Agbobu	Certified
4SSO11368	Active	798757	Nicholas A. Agbobu	Certified
4SSO11370	Active	743707	Robert Swartz	Certified
4SSO11370	Active	750593	Nicholas A. Agbobu	Certified
4SSO11370	Active	792745	Nicholas A. Agbobu	Certified
4SSO11372	Active	646781	keith lehto	Certified
4SSO11372	Active	732906	Nagbobu A. Agbobu	Certified
4SSO11372	Active	734535	Nicholas A. Agbobu	Certified
4SSO11372	Active	749965	Nicholas A. Agbobu	Certified
4SSO11372	Active	766194	Nicholas A. Agbobu	Certified
4SSO11372	Active	778196	Nicholas A. Agbobu	Certified
4SSO11372	Active	794292	Nicholas A. Agbobu	Certified
4SSO11373	Active	650230	Nicholas Agbobu	Certified
4SSO11373	Active	707705	Nicholas Agbobu	Certified
4SSO11373	Active	736156	Nicholas A. Agbobu	Certified
4SSO11373	Active	747833	Nicholas A. Agbobu	Certified
4SSO11373	Active	749992	Nicholas A. Agbobu	Certified
4SSO11373	Active	749993	Nicholas A. Agbobu	Certified

Wastewater Manager
City Engineer
principal engineer
principal engineer
principal engineer
Senior Civil Engineer
Senior Civil Engineer
Senior Civil Engineer
Senior Civil Engineer
Senior Civil Engineer
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Senior Civil Engineer
Senior Civil Engineer

Ventura CA	475091
West Hollywood	233689
la county dpw	686431
la county dpw	251713
la county dpw	603926
Alhambra	344829
Alhambra	751353
Alhambra	593667
Alhambra	840693
Alhambra	660394
Alhambra	627342
Alhambra	753704
Alhambra	546559
Alhambra	894033
Alhambra	890423
Alhambra	260833
Alhambra	156908
Alhambra	820555
Alhambra	297255
Alhambra	273194
Alhambra	321629
Alhambra	326893
Alhambra	461030
Alhambra	353189
Alhambra	245523
Alhambra	722220
Alhambra	911267
Alhambra	396758
lhambra	642436
Alhambra	731512
Alhambra	432254
Alhambra	949289
Alhambra	430167
Alhambra	626907
Alhambra	818836
Alhambra	471117
Alhambra	526812
Alhambra	848467
Alhambra	717106
Alhambra	464576
Alhambra	705287
Alhambra	796179
la county dpw	334523
Alhambra	440689
Password1	548023
Alhambra	202381
Alhambra	840662
Alhambra	932454
Alhambra	938363
Alhambra	312753
Alhambra	223695
Alhambra	890864
Alhambra	795312
Alhambra	748646
Alhambra	204540

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

Category 3	0	150	150
Category 1		100	0
Category 3		100	
Category 3		100	
Category 1		200	150
Category 1		100	0
Category 3		100	100
Category 3		200	50
Category 1		200	50
Category 3		50	50
Category 1		100	0
Category 1		700	100
Category 3		100	10
Category 1		50	0
Category 1		2000	1500
Category 3		200	200
Category 3		500	500
Category 3		300	300
Category 3		200	200
Category 3		500	0
Category 1		3000	0
Category 3		300	0
Category 1		800	50
Category 1		600	300
Category 1		700	200
Category 3		300	0
Category 3		200	200
Category 3		300	300
Category 3		5	5
Category 1		100	0
Category 1		200	0
Category 1		300	100
Category 3		200	100
Category 1		50	0
Category 3		200	0
Category 3		300	0
Category 1		400	100
Category 1		500	300
Category 1	0	50	0
Category 3		800	200
Category 3		500	500
Category 3		50	50
Category 3		700	
Category 1		50	10
Category 1		10	5
Category 3		150	150
Category 1		100	0
Category 1		1338	45
Category 1		500	400
Category 1		200	20
Category 1		250	100
Category 1		100	50
Category 1		50	25
Category 1		450	50
Category 1		450	50

0	No	No
100	Yes	Yes
	No	No
	No	No
50	Yes	Yes
100	Yes	Yes
	No	No
	No	No
150	Yes	Yes
	No	No
100	Yes	Yes
600	Yes	Yes
0	No	No
50	Yes	Yes
500	Yes	Yes
0	No	No
0	No	No
0	No	No
0	No	No
0	No	No
3000	Yes	Yes
0	No	No
750	Yes	Yes
300	Yes	Yes
500	Yes	Yes
0	No	No
0	No	No
0	No	No
0	No	No
100	Yes	Yes
200	Yes	Yes
200	Yes	Yes
0	No	Yes
50	Yes	Yes
0	No	No
0	No	No
300	Yes	Yes
200	Yes	Yes
50	Yes	Yes
0	No	No
0	No	No
0	No	No
	No	No
40	Yes	Yes
5	Yes	Yes
0	No	No
100	Yes	Yes
1293	Yes	Yes
100	Yes	Yes
180	Yes	Yes
150	Yes	Yes
50	Yes	Yes
25	Yes	Yes
400	Yes	No
400	Yes	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
No
Not Applicable - Spill did not reach storm drainpipe
Not Applicable - Spill did not reach storm drainpipe
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Not Applicable - Spill did not reach storm drainpipe
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Not Applicable - Spill did not reach storm drainpipe
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Not Applicable - Spill did not reach storm drainpipe
Not Applicable - Spill did not reach storm drainpipe
Not Applicable - Spill did not reach storm drainpipe
Not Applicable - Spill did not reach storm drainpipe
Not Applicable - Spill did not reach storm drainpipe
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Not Applicable - Spill did not reach storm drainpipe
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Not Applicable - Spill did not reach storm drainpipe
Not Applicable - Spill did not reach storm drainpipe
Not Applicable - Spill did not reach storm drainpipe
Not Applicable - Spill did not reach storm drainpipe
No
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
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
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

5195 Aurora DR
1530-0178
1530-0131
1583-cleanout
1583-cleanout
1530-0023
1529-0275
1583-cleanout
1583-0023
1583 - Cleanout
1583 - Cleanout
1529-0132
1530-0076
1530-0201
1529 - 946 North Doheny Drive
1529 - 999 Doheny Drive
1529 - 999 Doheny Drive
1529 - 1014 Doheny Drive
1529-0215
1529-0215
1583 - 1251 Crescent Heights
1530 - 616 North Robertson Boulevard
1583 - 947 North Genesee Avenue
1529-0113
1529-0298
1529 - 8279 Santa Monica Boulevard
1583 - 1011 North Laurel Avenue
1530 - 8710 Melrose Avenue
1530 - 8751 Melrose Avenue
1530-0024/Clean-out
1529-0112
1583-0032
1530 - 0115
1530-0226
1530-0131 (8919 & 8899 Beverly Blvd.)
1529 - 8749 Sherbourne Drive
1530 - 8710 Melrose Avenue
1529- 0014
1529 - Manhole (8228 Sunset Boulevard)
1887-0200
1720 - 6606 67th Street West
1887-0110
1231-0295
1189/1190 - 24573 Kittridge Street
1275-0058
1231 - 21780 Ulmus Drive (Ulmus Pump Station)
1118-0327
1231-0304
1270-0015
1438-0188
1438-0036
1438-0018
1438-0181
1438-0188
1438-0187

34.162666	-119.132621	Ventura
34.07864494	118.3858857	Los Angeles
34.077248	118.3866816	Los Angeles
34.08913154	118.3584477	Los Angeles
34.08913154	118.3584477	Los Angeles
34.085556	118.38638	Los Angeles
34.09260963	118.3688756	Los Angeles
34.0879395	118.3573812	Los Angeles
34.09554978	118.3630081	Los Angeles
34.09444365	118.3630071	Los Angeles
34.09157271	118.3500829	Los Angeles
34.0947724	118.3747021	Los Angeles
34.08412846	118.3842653	Los Angeles
34.08143299	118.3854872	Los Angeles
34.08843667	118.3898437	Los Angeles
34.08939845	118.3897924	Los Angeles
34.08952032	118.3891979	Los Angeles
34.09001687	118.3894154	Los Angeles
34.09399818	118.3747736	Los Angeles
34.09399818	118.3747736	Los Angeles
34.09266253	-118.3659008	Los Angeles
34.08143299	-118.3854872	Los Angeles
34.08913264	-118.3584465	Los Angeles
34.09160591	-118.3828661	Los Angeles
34.09078761	-118.3695981	Los Angeles
34.09073	-118.36983	Los Angeles
34.08913	-118.36517	Los Angeles
34.08105	-118.3833	Los Angeles
34.0811	-118.38477	Los Angeles
34.08582945	-118.3857087	Los Angeles
34.0914717	-118.3820153	Los Angeles
34.09266744	-118.3659129	Los Angeles
34.07711968	-118.383791	Los Angeles
34.07682875	-118.3794715	Los Angeles
34.07725378	-118.3866922	Los Angeles
34.092	-118.38212	Los Angeles
34.08118	-118.38336	Los Angeles
34.0905997	-118.3914539	Los Angeles
34.09747	-118.36853	Los Angeles
34.59693401	-118.1508067	Los Angeles
34.65344	-118.24936	Los Angeles
34.59037526	-118.1546356	Los Angeles
34.13562306	118.5985492	Los Angeles
34.19078934	118.6613685	Los Angeles
34.04327948	118.5738958	Los Angeles
34.14381	-118.60151	Los Angeles
34.129763	-118.7161867	Los Angeles
34.14361058	-118.6012794	Los Angeles
34.13502422	-118.596169	Los Angeles
33.97047732	118.4458029	Los Angeles
33.97356843	118.4502228	Los Angeles
33.97012329	-118.4499765	Los Angeles
33.97403	-118.4454	Los Angeles
33.96997	-118.44597	Los Angeles
33.96997	-118.44597	Los Angeles

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4

CSMD Map Sheet 1530 Manhole 178 MMS No. 2652206C
CSMD Mapsheet 1530 Manhole 131 MMS No. 2656867C
CSMD Map Sheet 1583 Cleanout MMS No. 2670120C See also SSO Event ID 64745
CSMD Map Sheet 1583 Cleanout MMS No. 2670120D See also SSO Event ID 647744
CSMD Mapsheet 1530 Manhole 23 MMS No. 2829985
CSMD Mapsheet 1529 Manhole 275 MMS No. 2853745
CSMD Mapsheet 1583 Cleanout MMS No. 2855923
CSMD Mapsheet 1583 Manhole 23 MMS No. 2872578
CSMD Mapsheet 1583 Cleanout MMS No. 2872578
CSMD Mapsheet 1583 Cleanout MMS No. 2952013
CSMD Mapsheet 1529 Manhole 132 MMS No. 3018737
CSMD Mapsheet 1530 Manhole 76 MMS No. 3021853
CSMD Mapsheet 1530 Manhole 201 MMS No. 3021895
CSMD Mapsheet 1529 MMS No. 3067911
CSMD Mapsheet 1529 Manhole 40 MMS No. 3070807
CSMD Mapsheet 1529 MMS No. 3070807
CSMD Mapsheet 1529 MMS No. 3070807
CSMD Mapsheet 1529 Manhole 215 MMS No. 3102723
CSMD Mapsheet 1529 Manhole 215 MMS No. 3131057
CSMD Mapsheet 1583 MMS No. 3270322
CSMD Mapsheet 1530 MMS No. 3346534
CSMD Mapsheet 1583 MMS No. 4045576
CSMD Mapsheet 1529 Manhole No. 113 MMS No. 4225860
CSMD Mapsheet No. 1529 Manhole No. 298 MMS No. 4236273
CSMD Mapsheet No. 1529 MMS No. 4236273C
CSMD Mapsheet 1583 MMS No. 4250629
CSMD Mapsheet 1530 MMS No. 4285431B
CSMD Mapsheet 1530 MMS No. 4285431C
CSMD Mapsheet No. 1530 Manhole No. 24/Clean-out MMS No. 4340912
CSMD Mapsheet No. 1529 Manhole No. 112 MMS No. 4345066
CSMD Mapsheet No.1583 Manhole No. 32 MMS No. 4348489
CSMD Mapshhet No. 1530 Manhole No. 115 MMS No. 4396262B
CSMD Mapsheet No. 1530 Manhole No. 226 MMS No. 4581549
CSMD Mapsheet No. 1530 Manhole No. 131 MMS No. 4581615
CSMD Mapsheet No. 1529 MMS No. 4770248
CSMD Mapsheet No. 1530 MMS No. 4775669
CSMD Mapsheet 1529 Manhole No. 14 MMS No. 4833130B

CSMD Mapsheet 1887 Manhole 200 MMS No. 4018868
CSMD Mapsheet 1720 MMS No. 4146619
CSMD Mapsheet No. 1887 Manhole No. 110 MMS No. 4863208
CSMD Map Sheet 1231 Manhole 295 MMS No. 2626789A
CSMD Mapsheet 1189/1190 (Clean-out) MMS 3223287
CSMD Mapsheet 1275 Manhole 58 MMS No. 3240811
CSMD Mapsheet 1231 (Ulmus Pump Station) MMS No. 4137473
CSMD Mapsheet No. 1118 Manhole No. 327 MMS No. 4417271
CSMD Mapsheet No. 1231 Manhole No. 304 MMS No. 4659752
CSMD Mapsheet No. 1270 Manhole No. 15 MMS No. 4895139
CSMD Map Sheet 1438 Manhole 188 MMS No. 2708245C
CSMD Mapsheet 1438 Manhole 36 MMS No. 2890377
CSMD Mapsheet 1438 Manhole 18 MMS No. 3263082
CSMD Mapsheet 1438 Manhole 181 MMS No. 4093278
CSMD Mapsheet 1438 MH 188 MMS No. 4137994
CSMD Mapsheet 1438 MH 187 MMS No. 4137994

2

1

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

main line stoppage

Cleanout in underground parking structure
Cleanout in parking structure.

Cleanout

Cleanout in parking structure
Cleanout

Cleanout/Plumbing Fixtures

Underground parking drain.
Shower stall

Clean-out
Plumbing fixtures
Clean-out

Floor drain
Floor drain
Plumbing trouble
Plumbing trouble
Manhole/Clean-out

Clean-out
Clean-out

Plumbing Trouble

Clean-out

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

all recoverd at catch basin opening
Ballona Creek Channel

Overflow ponded in underground parking structure and was fully contained. Once blockage was cleaned overflow drained
majority of spill ponded in parking structure. 100 gallons was discharged from parking structure through sump pump and
Spill entered West Hollywood Storm Drain (D.D.I. 11), which flows to Ballona Creek.

Cleanout in parking garage
Spill entered storm drain at the corner of Fountain Avenue and Hayworth Avenue, which flows to Ballona Creek.
Spill ponded in underground parking structure and flowed back into cleanout once mainline blockage was relieved.
Spill entered storm drain located on the eastside of Fuller Avenue, which flows to a natural drainage course.
Spill entered storm drain at 8440 Sunset Boulevard, which leads to Hollyhills to the Ballona Creek.
Spill flowed from manhole 76 into 10' area around manhole onto asphalt then dried up.
Spill entered storm drain at North East corner of Robertson Boulevard and Melrose Avenue which leads to Ballona Creek
Spill overflowed from plumbing fixture at 946 N. Doheny Dr. into storm drain at 801 Doheny Dr., on North West corner of
Spill overflowed from manhole #40 into Doheny Drive and went back into mainline.
Flow overflowed from underground parking drain into the parking garage floor.
Flow overflowed from the shower stall at 1014 Doheny Drive into the floor of the apartment (below grade).
Spill overflowed from manhole #215 into parking lot behind 8462 West Sunset Blvd., spill was contained in the parking lo
Spill overflowed from manhole #215 into the parking lot, at 8462 West Sunset Boulevard.
Spill overflowed from underground parking garage clean-out, at 1251 Crescent Heights and flowed into a catch basin, whi
Spill overflowed from plumbing fixtures into inside Fat Fish Restaurant floor, bar area, kitchen and bathroom.
Hollyhills Drain
Hollyhills Drain/Ballona Creek
West Hollywood Strom Drain (D.D.I. 11) Hollyhills Drain
Restaurant, office and restrooms
Parking garage, laundry room, and apartment No. 5.
Inside building
Bathroom
Spill flowed into a storm drain, which leads to unnamed terrain.
Spill went into a storm drain, which leads to unnamed terrain.
Hollyhills Drain
Uncaptured spill (approx 100 gallons) was absorbed into nearby field.
West Hollywood Strom Drain (D.D.I.11)/Hollyhills Drain
Overflow from Manhole No. 131 caused flood out at the properties 8919 and 8899 Beverly Blvd.
Sewage was contained in property parking structure.
Ballona Creek

Spill flowed from 1st manhole North of Manhole No. 144 into a storm drain, which leads to Ballona Creek.
Riverbed. The spill that was not recovered, it was absorbed into the soil.
Front yard of residence.

Overflow from Manhole 295 was absorbed by ground in the ditch adjacent to Viewridge Rd. along the Southeast side of T
Spill overflowed from clean-out and flowed into a storm drain, which leads to Bell Creek/Los Angles River. Also, per the
Spill entered into storm drain, which flows to PD 259 outletting into natural terrain.

Approximately 100 gallons uncaptured spill ran into Calabasas Hills Drain.
PD 616/Los Angeles River
Private Drain/Carapito Creek
Ballona Creek

Spill overflowed from manhole (18), and flowed into the curb area and into a storm drain, which leads to Marina Del Rey/l
Ballona Creek
Marina Via Private Drain
Marina Via Private Drain

8/22/2013 10:15	8/22/2013 10:20	8/22/2013 10:20	8/22/2013 10:30
2/5/2007 12:34	2/5/2007 13:00	2/5/2007 14:10	2/5/2007 14:40
2/12/2007 10:07	2/12/2007 10:30	2/12/2007 11:30	2/12/2007 12:00
3/5/2007 10:01	3/5/2007 11:45	3/5/2007 12:15	3/5/2007 12:45
3/5/2007 10:01	3/5/2007 11:45	3/5/2007 12:15	3/5/2007 12:45
8/16/2007 10:10	8/16/2007 10:30	8/16/2007 11:40	8/16/2007 11:40
9/19/2007 8:40	9/19/2007 8:50	9/19/2007 9:20	9/19/2007 9:50
9/23/2007 14:51	9/23/2007 17:30	9/23/2007 19:15	9/23/2007 19:15
10/16/2007 10:15	10/16/2007 11:30	10/16/2007 12:45	10/16/2007 12:45
10/16/2007 10:02	10/16/2007 11:15	10/16/2007 11:30	10/16/2007 12:45
1/19/2008 14:30	1/19/2008 16:00	1/19/2008 18:00	1/19/2008 18:20
4/11/2008 12:32	4/11/2008 12:45	4/11/2008 13:55	4/11/2008 14:45
4/14/2008 14:50	4/14/2008 15:15	4/14/2008 16:20	4/14/2008 19:00
4/14/2008 16:58	4/14/2008 17:10	4/14/2008 19:30	4/14/2008 20:45
6/18/2008 12:47	6/18/2008 13:00	6/18/2008 13:30	6/18/2008 18:30
6/20/2008 6:30	6/20/2008 6:30	6/20/2008 6:30	6/20/2008 6:45
6/20/2008 6:30	6/20/2008 6:30	6/20/2008 6:30	6/20/2008 6:45
6/20/2008 6:30	6/20/2008 6:30	6/20/2008 6:30	6/20/2008 6:45
8/1/2008 9:50	8/1/2008 10:10	8/1/2008 11:15	8/1/2008 12:45
9/10/2008 8:53	9/10/2008 8:53	9/10/2008 9:40	9/10/2008 10:53
4/22/2009 12:50	4/22/2009 13:00	4/22/2009 14:30	4/22/2009 15:30
7/22/2009 19:36	7/22/2009 19:50	7/22/2009 21:50	7/22/2009 22:30
10/4/2009 13:26	10/4/2009 13:40	10/4/2009 15:20	10/4/2009 15:45
5/24/2010 19:40	5/24/2010 19:50	5/24/2010 22:00	5/24/2010 23:30
6/8/2010 13:10	6/8/2010 13:10	6/8/2010 14:20	6/8/2010 14:40
6/8/2010 13:10	6/8/2010 13:10	6/8/2010 14:20	6/8/2010 14:40
6/29/2010 15:30	6/29/2010 15:40	6/29/2010 16:15	6/29/2010 16:45
8/13/2010 11:35	8/13/2010 12:15	8/13/2010 13:30	8/13/2010 14:45
8/13/2010 11:35	8/13/2010 12:15	8/13/2010 13:30	8/13/2010 14:45
11/3/2010 9:00	11/3/2010 9:30	11/3/2010 10:45	11/3/2010 11:30
11/14/2010 10:16	11/14/2010 10:40	11/14/2010 12:45	11/14/2010 0:00
11/19/2010 19:30	11/19/2010 20:00	11/19/2010 22:00	11/19/2010 23:30
2/13/2011 9:00	2/13/2011 9:22	2/13/2011 11:00	2/13/2011 11:30
9/1/2011 9:48	9/1/2011 9:48	9/1/2011 10:10	9/1/2011 11:35
9/1/2011 12:00	9/1/2011 12:00	9/1/2011 12:15	9/1/2011 13:00
8/28/2012 13:30	8/28/2012 14:10	8/28/2012 14:45	8/28/2012 16:00
9/10/2012 14:57	9/10/2012 15:16	9/10/2012 16:15	9/10/2012 16:30
1/9/2013 13:38	1/9/2013 13:55	1/9/2013 15:30	1/9/2013 17:30
9/10/2013 13:03	9/10/2013 13:20	9/10/2013 13:40	9/10/2013 17:45
8/21/2009 15:15	8/21/2009 15:15	8/21/2009 15:35	8/21/2009 16:10
3/11/2010 16:00	3/11/2010 16:00	3/11/2010 16:25	3/11/2010 17:35
3/15/2013 13:00	3/15/2013 13:00	3/15/2013 14:00	3/15/2013 14:50
1/6/2007 16:53	1/6/2007 17:15	1/6/2007 19:30	1/6/2007 20:00
2/1/2009 12:15	2/1/2009 12:15	2/1/2009 14:45	2/1/2009 16:00
3/2/2009 22:10	3/2/2009 22:15	3/3/2009 12:20	3/3/2009 0:00
2/25/2010 12:04	2/25/2010 12:04	2/25/2010 14:30	2/25/2010 14:30
3/20/2011 13:15	3/20/2011 13:15	3/20/2011 13:30	3/20/2011 13:40
2/25/2012 8:58	2/25/2012 9:09	2/25/2012 10:20	2/25/2012 11:45
5/15/2013 6:58	5/15/2013 7:20	5/15/2013 8:45	5/15/2013 9:20
4/9/2007 7:24	4/9/2007 7:50	4/9/2007 8:50	4/9/2007 9:50
11/9/2007 23:35	11/10/2007 0:00	11/10/2007 2:00	11/10/2007 2:30
4/8/2009 9:05	4/8/2009 9:10	4/8/2009 9:50	4/8/2009 10:50
12/22/2009 12:54	12/22/2009 13:00	12/22/2009 13:45	12/22/2009 15:00
2/28/2010 12:20	2/28/2010 12:30	2/28/2010 14:15	2/28/2010 15:00
2/28/2010 12:20	2/28/2010 12:30	2/28/2010 14:15	2/28/2010 15:00

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

Rags and Roots

Roots and Grease
Roots and Grease

Root ball with a 4 saw

Due to prior grease stoppage at 8914 Santa Monica Boulevard.
Broken mainline sewer.
Broken mainline (sewer) and flow volume overwhelmed pumps efficiency.
Broken mainline (sewer) and flow volume overwhelmed pumps efficiency.
Broken mainline (sewer) and flow volume overwhelmed pumps efficiency.

Roots and Grease

Grease and rags.

Grease and paper
Construction materials in the line.

Rags

Roots-grease

Rocks and Grinds

Pump station failure due to blown fuses on Edison supply transformer.

Storm inflow.
Grease and Rags

Roots, rags and grinds.

Debris and Muck
Debris and Muck

Gravity Mainline

Main
Main
Main
Main
Main
Main
Main
Main
Main
Gravity Mainline

Main

Other (specify below)
Main
Main

Davids Road Pump Station

No

10 CLAY

No

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

We rodded the mainline and broke down a heavy root stoppage. Mainline was left down and running normal.
Spill ponded in the gutter and was fully contained. We used hydro pressure equipment to break down a heavy grease sto
Spill was fully contained, vacuumed, and returned to the sewer system.
Majority of spill ponded in parking structure and flowed back into cleanout once mainline blockage was relieved.

Upon arrival, observed signs of an overflow. It appeared that the majority of spill ponded in parking garage and flowed ba

Absorbent socks were placed around storm drain and solids were swept back into the manhole. Hydro and Rodder equip
Sand bags were used to direct flow back into mainline at manhole #22. Pump detected nose was shut down and relieved
Building Maintenance had placed absorbent socks around their other drains and clean up was done by them. Sewer Mai
Sewer Maintenance Crew continued to maintain pump to bypass break and monitor pump. Sewage was contained inside

The original call was a sewer backup not an overflow, upon arrival found manhole (33) on Crescent Heights up but not ov
Hydro equipment was used to break down grease stoppage in mainline and restored flow. The owner of the restaurant L
Clean-out was in complainant's yard at 947 Genesee Ave, spill flowed through yard and into street and storm drain, at No

Release sewage back into floor drains. Carl Warren & Company service performed clean up.
Upon arrival found Manhole No. 90 up but not overflowing. Carl Warren & Company's assistance performed clean up.
Hydro equipment was used to break down a heavy grease stoppage in the mainline. Complainant already had Restoratio
Hydro equipment was used to break down a heavy grease stoppage in the mainline. Complainant already had Restoratio

Hydro equipment was used to break down mainline blockage.
Upon arrival City of Bevery Hills had broke down stoppage and sewage was contained by LA County Flood Control. We
City of West Hollywood performed clean-up.

Upon arrival, the crew hydroed from MH 15 to MH 14 to break down grease stoppage. Contained the spill with sand bags

Plumbing trouble was relieved. Removed rocks and grinds from Manhole No. 15, and washed Manholes Nos. 18, 17, 16

Spill was absorbed and contained by ground south of Viewridge Rd. along the Southeast side of Topanga Canyon Blvd. V
Complainant had declined the offer of Carl Warren and Company's service to perform cleanup. Per the complainant he
Upon arrival manhole was not overflowing but showed light signs of an overflow around manhole 58.
The broken force main was replaced by an emergency contractor.
Sewage hauled with tanker truck from Davids Road Pump Station to the discharge manhole.

We used absorbent sock around the manhole to contain the flow and returned remaining sewage back to the system. We

2/5/2007 15:00

3/5/2007 13:45
8/16/2007 14:15

10/16/2007 14:50

1/19/2008 18:40
4/11/2008 15:50

4/14/2008 21:45
6/18/2008 19:30

4/22/2009 16:30

10/4/2009 17:15
5/24/2010 1:45
6/8/2010 17:30

11/3/2010 14:00
11/14/2010 13:20
11/20/2010 1:00
2/13/2011 12:00
9/1/2011 12:00

9/10/2012 18:40
1/9/2013 19:45
9/10/2013 19:00

2/1/2009 17:00
3/3/2009 2:00

3/20/2011 19:00
2/25/2012 20:49
5/15/2013 11:30
4/9/2007 10:50
11/10/2007 3:30
4/8/2009 13:00
12/22/2009 16:00
2/28/2010 16:30
2/28/2010 16:30

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)

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

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

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

City has also treated the sewer line with foaming herbicide to deter further root growth.

Mainline to be televised using Closed Circuit Televising equipment.
Mainline sewer to be televised to determine recommendations.

Mainline sewer to be televised to determine recommendation.
No recommendation, overflow due to broken mainline. Repairs will be made to correct problem.

Mainline to be televised to determine if further action is needed.

Mainline to be televised to determine if furture action is needed.
Mainline to be televised to determine if further action is needed.
Mainline will be televised to determine if further action is needed.

Mainline will be televised to determine if further action is needed.
Mainline to be televised to determine if further action is needed.
Mainline will be televised to determine if further action is needed.
Will televise and give recommendation
Mainline will be televised to determine if further action is needed.

Mainline will be televised to determine if further actions are needed.

Mainline will be televised to determine if further actions are needed.

During extreme rain events, we will request a tanker truck to haul sewage as soon as we receive a high wet well level ala

Will televise the line.

Mainline will be televised to determine if further action is needed.
Mainline to be televised to determine if further action is needed.
Mainline to be televised to determine if further action is needed.
Mainline to be televised to determine if furture action is needed.

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NA

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Unknown
Unknown
N/A
N/A
N/A

Ballona Creek

No impact. Small volume of overflow entered storm drain system which eventually discharge to Balona Creek.
Ballona Creek

Ballona Creek

No impact. No evidence of spill reaching surface water.
Hollyhills to the Ballona Creek

Ballona Creek
Ballona Creek

Hollyhills Drain

Hollyhills Drain
Hollyhills Drain/Ballona Creek
West Hollywood Strom Drain (D.D.I. 11) Hollyhills Drain

Unnamed terrain.
Spill went into a storm drain, which leads to unnamed terrain.
Hollyhills Drain
no impacted water surface
West Hollywood Strom Drain (D.D.I.11)/Hollyhills Drain
No impacted surface water.
No impacted surface water.
Ballona Creek
Private drain/Ballona Creek Watershed.

No impacted surface water.

Bell Creek/Los Angeles River
No impact. No evidence of spill reaching surface water.

Malibu Creek
PD 616/Los Angeles River
Private Drain/Carapito Creek
Ballona Creek
Pacific Ocean
Marina Del Rey which leads to Pacific Ocean.
Ballona Creek
Marina Via Private Drain
Marina Via Private Drain

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
Not applicable to this spill
No water quality samples taken

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

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No water quality samples taken
No water quality samples taken

${ssoDetails.resultsReportedExplanation}

Visual

70795	2/5/2007 16:20
70792	2/12/2007 19:10
71444	3/6/2007 6:00
71444	3/6/2007 6:00
74908	8/16/2007 13:05
75736	9/20/2007 7:00
75813	9/23/2007 21:10
76315	10/16/2007 13:00
76315	10/16/2007 13:00
80571	1/19/2008 16:25
82730	4/11/2008 14:25
82800	4/14/2008 16:45
82804	4/14/2008 18:55
84339	6/18/2008 14:20
84339	6/23/2008 8:57
84339	6/23/2008 8:57
84339	6/23/2008 8:57
85603	8/1/2008 10:20
86613	9/10/2008 10:18
93173	4/22/2009 14:48
95179	7/22/2009 20:10
96706	10/4/2009 13:54
103221	5/24/2010 20:05
103512	6/8/2010 14:50
103512	6/8/2010 14:50
103959	6/29/2010 17:30
104853	8/13/2010 13:40
104853	8/13/2010 13:40
106601	11/3/2010 9:45
106845	11/14/2010 10:35
106982	11/19/2010 20:08
110866	2/13/2011 10:10
115206	9/1/2011 10:00
115210	9/1/2011 12:30
125176	8/28/2012 15:20
125445	9/10/2012 15:25
972336	1/9/2013 14:00
135700	9/10/2013 13:25
95821	8/21/2009 16:10
101723	3/11/2010 18:51
131602	3/15/2013 15:14
90949	2/1/2009 13:35
91806	3/2/2009 22:55
101400	2/25/2010 14:21
111703	3/20/2011 13:29
121102	2/25/2012 9:32
132935	5/15/2013 7:20
72208	4/9/2007 10:30
76931	11/10/2007 0:47
92833	4/8/2009 9:11
98525	12/22/2009 13:15
101467	3/28/2010 13:40
101467	2/28/2010 13:40

Joe Barajas 8056774118

Robert Swartz, Sr. CE 6263003367

4SSO11373	Active	778714	Nicholas A. Agbobu	Certified
4SSO11374	Active	646966	keith lehto	Certified
4SSO11374	Active	657613	Nicholas Agbobu	Certified
4SSO11374	Active	708683	Nicholas Agbobu	Certified
4SSO11374	Active	736540	Nicholas A. Agbobu	Certified
4SSO11374	Active	758355	Nicholas A. Agbobu	Certified
4SSO11374	Active	766016	Nicholas A. Agbobu	Certified
4SSO11374	Active	781003	Nicholas A. Agbobu	Certified
4SSO11374	Active	782159	Nicholas A. Agbobu	Certified
4SSO11374	Active	787298	Nicholas A. Agbobu	Certified
4SSO11374	Active	798362	Robert Swartz	Certified
4SSO11375	Active	721169	R R Pakala	Certified
4SSO11375	Active	729879	Elaine Chips	Certified
4SSO11375	Active	730687	Elaine Chips	Certified
4SSO11375	Active	731948	Elaine Chips	Certified
4SSO11375	Active	736012	Elaine Chips	Certified
4SSO11375	Active	736143	Elaine Chips	Certified
4SSO11375	Active	746749	Elaine Chips	Certified
4SSO11375	Active	751472	Elaine Chips	Certified
4SSO11375	Active	754781	Elaine Chips	Certified
4SSO11375	Active	755819	Elaine Chips	Certified
4SSO11375	Active	756818	Elaine Chips	Certified
4SSO11375	Active	761663	Elaine Chips	Certified
4SSO11375	Active	764420	Elaine Chips	Certified
4SSO11375	Active	769750	Elaine Chips	Certified
4SSO11375	Active	772916	Elaine Chips	Certified
4SSO11375	Active	776044	Elaine Chips	Certified
4SSO11375	Active	776067	Elaine Chips	Certified
4SSO11375	Active	790287	Elaine Chips	Certified
4SSO11386	Active	746439	Victoria O. Conway	Certified
4SSO11387	Active	750171	Victoria O. Conway	Certified
4SSO11387	Active	759681	Victoria O. Conway	Certified
4SSO11387	Active	759682	Victoria O. Conway	Certified
4SSO11387	Active	784073	Martha Tremblay	Certified
4SSO11387	Active	794226	Martha Tremblay	Certified
4SSO11387	Active	794377	Martha Tremblay	Certified
4SSO11388	Active	651282	Philip L. Friess	Certified
4SSO11388	Active	713762	Victoria O. Conway	Certified
4SSO11388	Active	719808	Victoria O. Conway	Certified
4SSO11388	Active	732075	Victoria O. Conway	Certified
4SSO11388	Active	741236	Victoria O. Conway	Certified
4SSO11388	Active	748435	Victoria O. Conway	Certified
4SSO11388	Active	749303	Victoria O. Conway	Certified
4SSO11388	Active	759731	Victoria O. Conway	Certified
4SSO11388	Active	781501	Martha Tremblay	Certified
4SSO11388	Active	798884	Martha Tremblay	Certified
4SSO11388	Active	800058	Martha Tremblay	Certified
4SSO11388	Active	800519	Martha Tremblay	Certified
4SSO11389	Active	646094	Philip L. Friess	Certified
4SSO11389	Active	794882	Martha Tremblay	Certified
4SSO11391	Active	648202	Philip L. Friess	Certified
4SSO11391	Active	648206	Philip L. Friess	Certified
4SSO11391	Active	648208	Philip L. Friess	Certified
4SSO11391	Active	650008	Philip L. Friess	Certified
4SSO11391	Active	650009	Philip L. Friess	Certified

Senior Civil Engineer
principal engineer
Senior Civil Engineer
Senior Civil Engineer
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Senior Civil Engineer
Senior Civil Engineer
Senior Civil Engineer
Director
Technical Specialist
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Departmental Engineer
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Wastewater Collection Systems Manager
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Alhambra		587937
la county dpw		291563
Alhambra		583800
Alhambra		762702
Alhambra		118931
Alhambra		264743
Alhambra		724556
Alhambra		866542
Alhambra		336308
Alhambra		621540
HQ		753355
Moorpark		441890
Moorpark		707374
Moorpark		359407
Moorpark, CA		871907
Moorpark, CA		830997
Moorpark, CA		994149
Moorpark, CA		158792
Moorpark		606104
Moorpark		989364
Moorpark		355283
Moorpark		258431
Moorpark		308944
Moorpark		502984
Moorpark		565404
Moorpark		214368
Moorpark		903618
Moorpark		999919
Moorpark		649172
7:48 a.m.		199303
9:59 a.m.		460450
8:47 a.m.		482306
2:42 p.m.		751371
	4:11 PM	266036
	1:56 PM	150384
	6:46 AM	712928
	11:58 AM	751067
	8:40 AM	520755
	11:36 AM	232817
	11:57 AM	775928
	11:48 AM	571112
2:25 p.m.		427750
2:29 p.m.		928178
2:45 p.m.		189283
12:58 p.m.		908503
	10:50 AM	985857
3:09 p.m.		881506
	3:34 PM	163831
2:55 p.m.		626719
	11:54 AM	335596
9:40 a.m.		517844
9:42 a.m.		869808
9:44 a.m.		734585
	2:38 PM	112227
	2:44 PM	320864

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

Category 3		50	50
Category 3		200	
Category 3		450	425
Category 1		400	200
Category 3		40	0
Category 1		8000	0
Category 3		100	98
Category 3		10	10
Category 1		1500	100
Category 2		9000	9000
Category 3		40	0
Category 2		2100	500
Category 1		600	0
Category 3		600	600
Category 3		50	50
Category 3		62	62
Category 3		50	50
Category 3		20	20
Category 3		25	25
Category 3		150	150
Category 3		150	150
Category 3		20	20
Category 1		2400	1600
Category 3		40	40
Category 3		150	150
Category 3		64	55
Category 3		50	50
Category 3		300	300
Category 3		40	40
Category 3		150	150
Category 2		2200	2200
Category 1		7000	0
Category 1		2300	0
Category 2		1150	1150
Category 1		20000	50
Category 3		22	22
Category 3		250	250
Category 3		350	300
Category 3		10	10
Category 1		800	600
Category 3		100	100
Category 1		215000	0
Category 1		117000	17000
Category 3		200	200
Category 3		300	300
Category 1	200	545	55
Category 2	3200	3200	100
Category 2	5610	5610	0
Category 1		3600	0
Category 2		3600	3600
Category 1		950	950
Category 1		100	100
Category 3		250	
Category 1		3700	3700
Category 1		9200	9200

0	No	No
	No	No
	No	No
200	Yes	Yes
0	No	No
8000	Yes	Yes
0	No	No
0	No	No
1400	Yes	Yes
0	No	No
0	No	No
0	No	No
600	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	No
0	No	No
800	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
7000	Yes	Yes
2300	Yes	Yes
0	No	No
19950	No	Yes
0	No	No
	No	No
	No	No
0	No	No
200	Yes	Yes
0	No	No
215000	Yes	Yes
100000	Yes	Yes
0	No	No
0	No	No
345	Yes	Yes
0	No	No
0	No	No
3600	Yes	Yes
0	No	No
950	Yes	No
100	Yes	No
	No	No
3700	Yes	No
400	Yes	No

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
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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

1438 - 13929 Marquesas Way

1460

1256-0043
1258 - 24979 Constitution Avenue
1214-0127
1417-0118
1258 - 25240 Steinbeck Avenue
1404-0019
1295-0285
1297-0860
1174-0028
2945 Solimar
Pacific Coast Highway, Ventura
Pacific Coast Highway, Ventura
Sea Cliff Lift Station Discharge Line
County Service Area No. 29
County Service Area No. 29
Rincon Beach area
Rincon Beach area
Faria Beach Colony
Solimar Beach Area
Solimar Beach Area
Mussel Shoals, Ventura County
Mussel Shoals, Ventura County
Community of Mussel Shoals
Near Faria Beach Colony
Solimar Beach
Sea Cliff
Solimar Beach Area
Mountain View-Belle Vernon Trunk (District 01)
Arizona Avenue Trunk Sewer (District 2)
Montebello Trunk (District 2)
Montebello Trunk (District 2)
Arizona Avenue Trunk, Section 1 (District 02)
Slauson Avenue P.P. Force Main (District 2)
Slauson Avenue P.P. Force Main (District 2)
Joint Outfall J Unit 1F Trunk (Joint Outfall)
City of Torrance Local Sewer tributary to JO J-Unit 5C Trunk Sewer (JO in SBC)
Joint Outfall C Unit 3F (Joint Outfall System)
Joint Outfall J Unit 1F (Joint Outfall System)
Joint Outfall "J" Unit 1F (Joint Outfall System)
Joint Outfall B - 1C Replacement (Joint Outfall System)
Joint Outfall J Unit 1G (Joint Outfall System)
JOH Unit 2C (Joint Outfall System)
Joint Outfall "J" Unit 1F (Joint Outfall System)
Joint Outfall "A"-1A Long Beach WRP Interceptor, Section 1, Sludge FM Replacemen
Joint Outfall "J"-Unit 1F, FM No. 2, (Joint Outfall System)
Joint Outfall "J" Unit 1G (Joint Outfall System)
Marina No. 2 Pumping Plant Force Main #2
Marina Trunk Section 1A (District 3)
Inglewood Trunk No. 2 Sewer (District 5)
Inglewood Trunk No. 2 Sewer (District 5)
Inglewood Trunk No. 2 Sewer (District 5)
Inglewood No. 2 Trunk Sewer (District 5)
Inglewood No. 2 Trunk Sewer (District 5)

33.97638	-118.45414	Los Angeles
34.42662199	118.4256153	Los Angeles
34.42492613	118.585803	Los Angeles
34.38390422	118.5737043	Los Angeles
34.497319	-118.6139469	Los Angeles
34.41104364	-118.4574434	Los Angeles
34.38901	-118.5785	Los Angeles
34.6760023	-118.4537847	Los Angeles
34.43689585	-118.5470752	Los Angeles
34.37602577	-118.5644947	Los Angeles
34.50787516	-118.6332444	Los Angeles
34.311	119.35	Ventura
34.33163	119.401474	Ventura
34.33163	119.401474	Ventura
34.341275	119.415025	Ventura
34.34562	-119.41959	Ventura
34.56103	-119.441879	Ventura
34.320201	-119.371251	Ventura
34.356353	-119.443	Ventura
34.320908	-119.373297	Ventura
34.313755	-119.361767	Ventura
34.310715	-119.358162	Ventura
34.354916	-119.439754	Ventura
34.354916	-119.439754	Ventura
34.35665	-119.44297	Ventura
34.319798	-119.370183	Ventura
34.312971	-119.360839	Ventura
34.320414	-119.3786	Ventura
34.313204	-119.361126	Ventura
33.951528	-118.212667	Los Angeles
34.026639	-118.164361	Los Angeles
33.962247	-118.156347	Los Angeles
33.962247	-118.156347	Los Angeles
34.030333	-118.165528	Los Angeles
33.973556	-118.12125	Los Angeles
33.974417	-118.122444	Los Angeles
33.74	118.372778	Los Angeles
33.818056	118.372778	Los Angeles
33.804444	118.176111	Los Angeles
33.739556	-118.371917	Los Angeles
33.74025	-118.372722	Los Angeles
33.919639	-118.162028	Los Angeles
33.768306	-118.409694	Los Angeles
33.962247	-118.156347	Los Angeles
33.738778	-118.358194	Los Angeles
33.784694	-118.119528	Los Angeles
33.74025	-118.363194	Los Angeles
33.767639	-118.407083	Los Angeles
33.7625	118.115278	Los Angeles
33.78075	-118.151556	Los Angeles
33.978611	118.366389	Los Angeles
33.978583	118.36675	Los Angeles
33.978722	118.367361	Los Angeles
33.977889	118.366833	Los Angeles
33.976167	118.36775	Los Angeles

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CSMD Mapsheet No. 1438 MMS No. 4664525
CSMD Mapsheet 1460 MMS No. 2653882B
CSMD Mapsheet 1256 Manhole 43 MMS No. 2850458
CSMD Mapsheet 1258 Private Manhole MMS No. 2910611
CSMD Mapsheet 1214 Manhole 127 MMS No. 3267885
CSMD Mapsheet No. 1417 Manhole No. 118 MMS No. 4339255
CSMD Mapsheet No. 1258 MMS No. 4395045
CSMD Mapsheet No. 1404 Manhole No. 19 MMS No. 4703240
CSMD Mapsheet No. 1295 Manhole No. 285 MMS No. 4727416
CSMD Mapsheet No. 1297 Manhole No. 860 MMS No. 4799429
CSMD Mapsheet No. 1174 Manhole No. 28 MMS No. 4944005

Lift Station Discharge Line
Driveway of Fire Station #25
Residence driveway
Residence front yard
Resident's storage tank at 6724 Breakers Way overflowed to street.
Driveway and side of residence
Driveway of residence
Manhole on residence property
Caltrans easement east of Cliff House Inn and Cliff House Inn parking lot.
STEP tank in front of Cliff House Inn
Concrete side yard of residence.
Private residence side yard

Dirt lot at 3726 Pacific Coast Hwy, Ventura
Residential yard
South of Southern Ave, on State Street
Intersection of South Kern Avenue and East 6th Street
On Clara Street east of Ira Avenue
On Clara Street east of Ira Avenue
Residence at Strang Street
East of Slauson Avenue on Telegraph Road west of Rio Hondo.
One residence on Telegraph Road
Palos Verdes Drive, South approximately 400 feet southeast of Narcissa Drive
Intersection of Carol Drive and Doris Way
Intersection of Willow Street and Orange Avenue
South edge of Palos Verdes Drive South west of Intersection with Peppertree Drive
South edge of Palos Verdes Drive South, approximately 200 feet east of Intersection with Narcissa Drive
Intersection of Gardendale Street and Arizona Avenue
East of intersection of Paseo Lunado and Via Rivera
Six residences on Ira Avenue
4500 block of Palos Verdes Drive South, approximately 400 feet northwest of the intersection of Palos Verdes Drive Sout
On Earl Warren Drive north of Beach Drive (California State University, Long Beach)
East of Peppertree Drive on Palos Verdes Drive South in the City of Ranch Palos Verdes.
Agua Amarga Canyon east of intersection of Paseo Lunado and Via Rivera.
Southwest corner of intersection of Pacific Coast Highway and Los Cerritos Channel
West of Newport Avenue on 11th Street
Intersection of Beach Street and Ellis Avenue
Residence
Residence
Intersection of Beach Street and Hillsdale Street
Apartment Garage

h and Schooner Drive.

2
2
1

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

Clean-out (plumbing trouble)
Upper end of a private line

Pickhole of step tank manhole

1 air vac valve on force main
Manhole lid of STEP tank
From manhole of step tank.

Wastewater bypass hose
MH 1570
Manhole 947A
MH 947A, MH 948, local manhole
Bathroom fixtures, three yard drains
Damaged underground force main installed on the east side of bridge, below Telegraph Road over Rio Hondo.
Bathroom fixture
2-inch diameter air release valve
City of Torrance local sewer manhole approximately 1,000 feet upstream of Sanitation Districts' Manhole J354
MH C666
NA
NA
MH B 1035
NA
Bathroom fixtures
NA
Manhole A1268, Restroom
Primary spill appearance point at mechanical coupling on force main. Secondary spill appearance point at Air Valve No. !
MH J334
NA
MH C99
Manhole 558
Sewer lateral cleanout
Shower floor drain and sewer lateral cleanout
Manhole 557
Floor drain in underground garage

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

Under ground parking garage floor.
Parking lot area
Parking lot drain
Spill entered storm drain west of The Old Road flowing to a private drain, outletting into a natural drainage course.
Spill overflowed from manhole (127) and earth down the hill.
Mint Canyon Channel per Los Angeles County Flood Maintenance Division.
Approcimately 2 gallons of spill escaped into a nearby parking lot or cought in the absorbent socks.
Spill overflowed from Manhole No. 19 into a ditch on the side of the road.
Spill overflowed from Manhole No. 285 into Flood Control catch basin, which leads to Private Drain 2139/Santa Clara Riv

Spill dried up on the asphalt.

1600 gallons ponded in tall brush, 800 gallons ran down dirt path to ocean.
Paved parking lot of Cliff House Inn

Paved street surface
NA
Pacific Ocean
Pacific Ocean
Residential building, yard
Unlined Depression on the spreading basin immediately downstream of underground storm drain outlet.
One residential building
The spill was fully contained in the curb and gutter in Palos Verdes Drive, South approximately 400 feet from the spill loc
Street/curb and gutter Paved alleyway Paved parking lot 600 square feet of grassy area
Street/curb and gutter
Pervious sand downstream of storm drain outlet at the beach area, sloped area immediately adjacent to spill point and we
Asphalt pavement at gutter and adjacent pervious soil
NA
Pacific Ocean
6 residential apartments
NA
Street/curb and gutter, Paved and unpaved surfaces, Surface water
Unpaved surface terrain to the south side of road.
Creek area, currently dry at this time of the year.
NA
NA
The spill was fully contained in the concrete-lined portion of Centinela Creek, approximately 3 miles west of the spill locat
A relatively small amount of wastewater soaked into the soil at 500 E. Ellis Ave. There is no basis in which to make a pre
A relatively small amount of wastewater soaked into the soil at 512 W. Ellis Ave. There is no basis in which to make a pre
The spill was fully contained in the concrete-lined portion of Centinela Creek, approximately 3 miles west of the spill locat
The spill was fully contained in the parking garage and concrete-lined portion of Centinela Creek, located approximately 3

3/11/2012 19:10	3/11/2012 19:35	3/11/2012 21:40	3/11/2012 22:30
2/6/2007 12:10	2/6/2007 12:10	2/6/2007 13:00	2/6/2007 13:15
9/13/2007 8:00	9/13/2007 8:15	9/13/2007 8:30	9/13/2007 8:21
12/1/2007 13:00	12/1/2007 13:10	12/1/2007 14:40	12/1/2007 14:50
4/19/2009 8:30	4/19/2009 8:30	4/19/2009 10:30	4/19/2009 12:00
11/1/2010 12:55	11/1/2010 12:55	11/1/2010 13:41	11/1/2010 14:00
2/8/2011 23:15	2/8/2011 22:00	2/8/2011 23:45	2/9/2011 1:30
5/3/2012 14:15	5/3/2012 14:15	5/3/2012 14:50	5/3/2012 15:40
6/9/2012 14:54	6/9/2012 15:00	6/9/2012 16:30	6/9/2012 17:00
10/13/2012 0:00	10/13/2012 11:30	10/13/2012 12:30	10/13/2012 16:00
8/21/2013 7:05	8/21/2013 7:25	8/21/2013 7:45	8/21/2013 8:25
6/28/2008 13:00	6/28/2008 13:10	6/28/2008 13:30	6/28/2008 13:30
11/23/2008 10:00	11/23/2008 10:00	11/23/2008 3:00	11/23/2008 3:10
11/21/2008 14:15	11/21/2008 14:15	11/21/2008 14:30	11/21/2008 14:40
12/18/2008 9:00	12/18/2008 9:00	12/18/2008 9:00	12/18/2008 10:00
3/9/2009 10:30	3/9/2009 10:30	3/9/2009 10:45	3/9/2009 11:30
3/31/2009 9:30	3/31/2009 9:30	3/31/2009 10:00	3/31/2009 9:35
10/10/2009 12:15	10/10/2009 12:15	10/10/2009 12:15	10/10/2009 12:15
3/27/2010 7:30	3/27/2010 8:30	3/27/2010 8:30	3/27/2010 8:30
6/24/2010 12:45	6/24/2010 12:45	6/24/2010 13:05	6/24/2010 13:05
7/4/2010 20:45	7/4/2010 20:30	7/4/2010 20:55	7/4/2010 21:00
8/13/2010 18:45	8/13/2010 19:00	8/13/2010 19:40	8/13/2010 19:00
1/18/2011 10:30	1/20/2011 10:30	1/20/2011 10:30	1/20/2011 10:30
2/26/2011 5:00	2/26/2011 5:30	2/26/2011 5:45	2/26/2011 6:00
7/5/2011 8:35	7/5/2011 8:00	7/5/2011 9:15	7/5/2011 9:25
10/14/2011 7:00	10/14/2011 9:00	10/14/2011 9:00	10/14/2011 9:30
12/20/2011 8:45	12/20/2011 8:45	12/20/2011 8:55	12/20/2011 9:07
12/24/2011 8:30	12/24/2011 8:45	12/24/2011 9:00	12/24/2011 10:15
12/21/2012 8:30	12/21/2012 8:30	12/21/2012 8:35	12/21/2012 8:45
10/29/2009 17:52	10/29/2009 17:59	10/29/2009 18:30	10/29/2009 17:52
3/2/2010 17:43	3/2/2010 18:30	3/2/2010 19:05	3/2/2010 18:25
12/19/2010 18:23	12/19/2010 18:23	12/19/2010 19:20	12/19/2010 20:40
12/20/2010 19:05	12/20/2010 18:55	12/20/2010 19:05	12/20/2010 21:03
7/20/2012 12:00	7/20/2012 12:45	7/20/2012 13:15	7/20/2012 13:27
2/12/2013 0:01	5/14/2013 11:35	5/14/2013 12:02	5/16/2013 3:00
5/15/2013 11:15	5/15/2013 11:20	5/15/2013 11:25	5/15/2013 11:30
5/24/2007 13:15	5/24/2007 13:15	5/24/2007 13:17	5/24/2007 13:17
2/18/2008 21:54	2/18/2008 23:10	2/19/2008 0:02	2/18/2008 23:00
6/16/2008 11:20	6/16/2008 11:20	6/16/2008 11:45	6/16/2008 11:45
1/15/2009 7:05	1/15/2009 7:05	1/15/2009 7:05	1/15/2009 7:06
7/13/2009 8:30	7/13/2009 8:34	7/13/2009 8:34	7/13/2009 8:34
1/18/2010 12:30	1/18/2010 21:45	1/18/2010 22:35	1/18/2010 22:30
2/8/2010 8:30	2/8/2010 12:40	2/8/2010 12:40	2/8/2010 15:00
12/20/2010 19:05	12/20/2010 18:55	12/20/2010 19:05	12/20/2010 21:03
5/5/2012 13:38	5/5/2012 13:43	5/5/2012 13:38	5/5/2012 13:58
9/16/2013 10:20	9/16/2013 10:40	9/16/2013 11:15	9/16/2013 10:55
10/17/2013 18:45	10/17/2013 18:52	10/17/2013 19:15	10/17/2013 21:30
11/1/2013 11:30	11/1/2013 13:15	11/1/2013 13:50	11/1/2013 15:45
1/19/2007 12:38	1/19/2007 12:38	1/19/2007 12:38	1/19/2007 13:02
6/3/2013 11:40	6/3/2013 11:40	6/3/2013 11:40	6/3/2013 11:45
3/18/2007 9:15	3/18/2007 9:18	3/18/2007 10:00	3/18/2007 11:02
3/18/2007 9:15	3/18/2007 9:18	3/18/2007 10:00	3/18/2007 11:02
3/18/2007 9:15	3/18/2007 9:18	3/18/2007 10:00	3/18/2007 11:02
4/27/2007 12:15	4/27/2007 13:30	4/27/2007 14:00	4/27/2007 15:20
4/27/2007 12:15	4/27/2007 14:15	4/27/2007 14:30	4/27/2007 15:20

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

Rags and Grease

Roots, grease, and debris.

Grease and roots.
Asphalt
Rocks-Grease

Holding Tank overflow from pump electrical failure

Residential pump failed

1 air vac fitting broke discharging wastewater when pumps came on.
STEP tank pump clogged with wipes and hair.
Step tank pump failure.

Southern Calif. Edison Planned Power Outage
During the sewer rehabilitation of the Mountain View-Belle Vernon Trunk, a temporary bypass hose was placed from MH
NA
Intense rainfall caused the overflow from the Montebello Trunk, the hydraulic capacity of which had been reduced by flow
Intense rainfall caused the overflow from sewers whose hydraulic capacity had been reduced by flow constrictions introdu
Partial blockage due to grease and rags.
Damaged portion of the underground force main.
As the damaged force main pipe was being prepared for repair, the Slauson Pumping Plant operation was being altered b
Operator error - Sanitation Districts' Maintenance Crews had completed the scheduled replacement of an 8" dewatering v
Unidentified material caused a blockage of the sewer line. City of Torrance staff cleared the blockage before Sanitation D
An industrial waste discharger (System Transport) had washed two (2) freight liner chemical tankers, which contained an
During a scheduled repair of Force Main No. 2, the dewatering valve was inadvertently left open. As the blind flange was
During scheduled maintenance of Force Main No. 2, it was necessary to drain the main from a low point situated between
The pressure plate of MH B 1035 had been unbolted by an unknown party.
Sometime following a heavy rain event, the embankment where the sewer pipe was installed was washed out along with
Intense rainfall caused the overflow from sewers whose hydraulic capacity had been reduced by flow constrictions introdu
NA
Cause unknown but could be due to debris and/or flows temporarily exceeding capacity
Force main is located in an active landslide area. Ground movements of the immediate mountainous terrain caused failu
Vandalism
NA
Failure of above ground bypass system. Unsecured plate located approximately 40 feet deep in manhole structure of MH
Partial blockage due to roots and construction debris introduced into the sewer by a third party
Partial blockage due to roots and construction debris introduced into the sewer by a third party. Directly related to SSO E
Partial bockage due to roots and construction debris introduced into the sewer by a third party. Directly related to SSO E
The hydraulic capacity of the Inglewood No. 2 Trunk Sewer was exceeded, when a Sanitation Districts' contractor rupture
The hydraulic capacity of the Inglewood No. 2 Trunk Sewer was exceeded, when a Sanitation Districts' contractor rupture

Main

Main
Main
Main
Main
Main
Main
Main

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

Other (specify below)
Other (specify below)
Other (specify below)
Main
Other (specify below)
Other (specify below)
Other (specify below)
Other (specify below)
Main
Other (specify below)
Other (specify below)
Main
Main
Main
Other (specify below)
Main
Main
alve on the force main. During flow restoration,
istricts' staff arrived on site. The City did not ca
Main
Main
Main
Main
Main
Main
Main
Gravity Mainline
Other (specify below)
Manhole

Other (specify below)

vent ID# 648202.
vent ID # 648202.
d a potable water main, and the potable water ir
d a potable water main, and the potable water ir

Holding Tank
Residential pump tank
Sewage collection tank in residence front yard

Step tank in driveway overflowed due to cracked discharge pipe
Residence step tank pump
Step Pump plugged up and stopped working
Along U.S. Highway 101. Drained down to pond in tall brush, flowed down path to ocean, and Cliff House Inn parking lot.
STEP tank pump clogged with wipes and hair.
Step tank pump.
Step Tank pump discharge pipe detached.
Step tank floats

Power outage caused overflow at step tank manhole in residential yard.
In paved street above sewer reach from MH 636 to MH 635
NA
NA
NA
Main
NA
NA
, several air release valves were left partially open, and nearby attendants closed the valves as flow in the pipe advanced.
ıtch the debris although some fine roots were attached to the jetter nozzle. CCTV inspection of the upstream Sanitation Di

NA
NA
NA
NA
NA
NA

Force Main, Air Valve No. 5 located approximately 250 feet east of Cherry Hill Lane, downstream of Valve No. 5 structure

Above ground bypass system

ıfiltrated the sewer through a construction trench. Based on the average flow in the sewer at the time of the spill, the capa
ıfiltrated the sewer through a construction trench. Wastewater backed up into the apartment complex's underground gara

	6	Ductile Iron
		N/A
	9	NRCP-Lined
	39	RCP
	39	RCP
	12	lined-VCP
	8	CIP
	8	CIP
However, one air release va	14	Steel
stricts' sewer after the SSO s	8	VCP
	12	VCP
	14	Steel
	14	Steel
	66	RGCP, PVC-Lined
	10	VCP
	39	RCP
	14	Steel
No	24	HDPE
No	14	Steel
No	10	VCP, PVC Lined in 2002
	12	Cast Iron
	57	RCP
	8	VCP
	8	VCP
	8	VCP
city of the sewer and overflo	8	VCP
ge through a floor drain. Bas	8	VCP

10

55
56
56
9
49
49
29
34
57
31
42
12
54
56
27
108
120
132
23
63
80
80
80
80
80

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

Spill was fully contained.
We used hydro pressure equipment to clean the mainline and broke down a grease blockage.
Upon arrival, assisted County Sanitation crews with clean-up. County Sanitation was initally on-site where their crews brol

Upon arrival manhole was not overflowing but showed signs of an overflow. Rodder equipment was used to break down
Hydro equipment was used to break down mainline stoppage.

Upon arrival, Manhole No. 28 was up but not overflowing. Hydro equipment was used to break down mainline blockage.
Shut off lift station, used vacuum truck to bypass station

Force main pump shut off, spillage contained, air vac fitting repaired. Force main returned to service, spill area vacuume
Stopped pump, contained and recovered spill with vac. truck. Unclogged pump and returned to service. Rinsed area wit
Spill stopped, contained, and vacuumed up. Area washed down and vacuumed up.

#NAME?
#NAME?
Due to the ongoing storm event the overflow was immediately washed into the adjacent catch basins. Due to safety conc
Due to the ongoing storm event the overflow was immediately washed into the adjacent catch basins. Due to safety conc
#NAME?
#NAME?
Mobilized remediation contractor to clean, sanitize, and restore residential building.
Contained and returned all of the spill to the sanitary sewer system, cleaned site
By City of Torrance staff:-Cleaned sewer-Removed debris-Restored flowBy Sanitation Districts staff:-Cleaned impacted p
The impacted paved area was coned off and cleaned using absorb-all material, which was collected and placed in bags f
#NAME?
#NAME?
#NAME?
-Cleared debris and diverted overflow to downstream end of open pipe-Established containment -Established bypass an
#NAME?
#NAME?
#NAME?
#NAME?
#NAME?

#NAME?
Contained and returned all of the spill to the sanitary sewer system, cleaned up site.
Contained and returned all of the spill to the sanitary sewer system, except for a small amount of wastewater that soaked
Contained and returned all of the spill to the sanitary sewer system, except a small amount that soaked into the soil, clea
Contained and returned all of the spill to the sanitary sewer system, cleaned up site
Approximately 8,800 gallons of commingled water was contained in the underground parking garage. Approximatley 40

12/1/2007 16:20

11/1/2010 14:50

6/9/2012 18:25
10/13/2012 22:30

6/28/2008 17:00
11/23/2008 0:00

1/20/2011 13:00

3/3/2010 6:35
12/19/2010 20:40
12/23/2010 19:05
8/3/2012 3:30
5/16/2013 3:00

1/21/2009 12:45

1/19/2010 18:30
2/9/2010 14:30

9/16/2013 17:30
10/18/2013 14:30
11/2/2013 16:00
1/20/2007 0:00
6/3/2013 14:30
3/19/2007 0:00
3/22/2007 0:00

4/28/2007 2:30
4/28/2007 2:30

Added sewer to preventive maintenance program

Added sewer to preventive maintenance program

Added sewer to preventive maintenance program
Other (specify below)

Other (specify below)
Repaired sewer

Repaired sewer

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

Other (specify below)

Other (specify below)
Other (specify below)

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

Other (specify below)
Other (specify below)

No recommendation. Stoppage was caused by contractor dropping asphalt into the manhole.

Shut off ststion, by passed station, cleaned up, repaired

Repaired broken air vac fitting.

Any industrial dischargers found to have contributed to the grease blockage will be held accountable. The Sanitation Di
The Sanitation District mobilized the contractor on December 20, 2010 at approximately 12 a.m. to expedite completion c
The Sanitation District mobilized the contractor on December 20, 2010 at approximately 12 a.m. to expedite completion c
The owner of the property will be directed to install a backflow prevention device on its lateral and to remove the illegal y
The Sanitation Districts will repair force main and evaluate the possibility to conduct more detailed inspections of the forc

The Sanitation Districts will re-train responsible individual and pursue appropriate disciplinary action.

The Sanitation Districts bolted the pressure plate of MH B1035 cover, which had been unbolted. All pressure covers on th
The Sanitation Districts are evaluating potential means of stabilizing the area where the sewer pipe was repaired.

#NAME?

Re-secured manhole cover with locking bolts and metal strap.
Replaced Section of Force Main
A more detailed inspection of the discharge manhole will be required when setting up an above ground bypass.
An overflow bypass line will be constructed between manholes 558 and 557. The bypass line will provide an alternate ro
An overflow bypass line will be constructed between Manholes 558 and 557. The bypass line will provide an alternate ro

None available
Investigation is ongoing to determine if the apartment complex has an unpermitted connection of a floor drain to the Ingle

No

No

No
No

No
Yes

No

Yes
No
No
Yes
Yes

No

Yes
Yes

No
No
Yes
Yes
No
Yes
Yes

No
Yes

No visual impact. Only damp soil.

N/A
NA
NA
NA
NA
NA
NA
NA
NA
NA
No negative impacts observed
NA
Observations were made at six locations from upstream of the spill entry to the river to the Los Angeles (LA) River estuar
On February 8, 2010 at approximately 3:50 p.m. biological observations were made by Sanitation Districts' marine biolog
NA
NA
No observable impacts to receiving waters

NA
NA
NA
NA
NA
NA

No

No

No
No

No
Yes

Yes

No
No
No
No
No

Yes

Yes
Yes

No No

Yes
No
No
No

No
No

N/A

NA
Hobson

East Mussel Shoals Beach

NA
NA
NA
NA
NA
NA

Sacred Cove Beach

Coastal beaches in City of Long Beach
Lunada Bay
NA
NA
NA

Mother's Beach, Marine Stadium
NA
NA
NA

NA
NA

No impacted surface water. Spill did not reach into a drain.

No impact. No evidence of spill reaching surface water.

Mint Canyon Channel per Los Angeles County Flood Maintenance Division.
No impacted surface water.
No impacted surface water.
Santa Clara River
No impacted surface water
No impacted surface water. Spill did not reach into any drains/surface water(s).
NA
Pacific Ocean

Pacific Ocean

N/A
N/A

None

NA
Rio Hondo Channel, Los Angeles River, Pacific Ocean
Rio Hondo Channel, Los Angeles River, Pacific Ocean
NA
NA
NA

Pacific Ocean

Los Angeles River, Pacific Ocean
Pacific Ocean
NA
NA
Bouton Creek, Los Cerritos Channel, Pacific Ocean

Los Cerritos Channel, Marine Stadium, Long Beach Marina
NA
Concrete-lined portion of Centinela Creek
Concrete-lined portion of Centinela Creek

Concrete lined portion of Centinela Creek
Concrete lined portion of Centinela Creek

No water quality samples taken

No water quality samples taken

No water quality samples taken
No water quality samples taken

No water quality samples taken
Other (specify below)

Biological indicator(s) - specify below

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

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

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

Other (specify below)

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

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

fecal coliform

Total and Fecal Coliform Enterococcus

NA
NA
NA
NA
Total Coliform, Fecal Coliform, Enterococcus, Ammonia, Copper, Mercury, Zinc

Total Coliform, Fecal Coliform, Enterococcus, Ammonia, Copper, Mercury, Zinc

Total Coliform, Fecal Coliform, Enterococci, Ammonia, Metals, Volatile Organics
Total Coliform, Fecal Coliform, Enterococci, Ammonia, Mercury, Zinc, Copper

Total Coliform, Fecal Coliform, Enterococcus, Ammonia, Copper, Mercury, Zinc

Total Coliform, Fecal Coliform, Enterococcus, Ammonia, Copper, Mercury, Zinc, Benzene
Total Coliform, Fecal Coliform, Enterococcus, Ammonia, Copper, Mercury, Zinc
Total Coliform, Fecal Coliform, Enterococcus, Ammonia, Copper, Mercury and Zinc
Total Coliform, fecal coliform, enterococcus, ammonia, copper, mercury, zinc

Total Coliform, Fecal Coliform, Enterococcus, Ammonia, Copper, Mercury, and Zinc
Total Coliform, Fecal Coliform, Enterococcus, Ammonia, Copper, Mercury, Zinc

No water quality samples taken

No water quality samples taken

No water quality samples taken
No water quality samples taken

No water quality samples taken
None of the above

County Health Agency

Not applicable to this spill
None of the above
None of the above
Not applicable to this spill
Regional Water Quality Control Board

County Health Agency

Regional Water Quality Control Board
Regional Water Quality Control Board

Other (specify below)

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

None of the above
None of the above

NA
NA
NA
NA
NA

LA County Dept of Public Health

NA
NA

Regional Water Quality Control Board

NA
NA
NA
NA

NA
NA

Volume estimates derived based on information provided by observers present during spill.
Volume estimates derived based on recorded pump station flow rate and estimated length of time of spill.
Volume estimates derived based on visual observation of the spill and diurnal flow rate of the sewer pipe.

	121394	3/11/2012 20:10
	7847	2/7/2007 10:15
	75573	9/13/2007 12:02
	77424	12/1/2007 14:05
	863066	4/19/2009 10:00
	106555	11/1/2010 13:06
	110782	2/8/2011 22:26
	2265	5/3/2012 15:26
	123370	6/9/2012 15:12
	126186	10/13/2012 12:30
	135176	8/21/2013 8:24
	84792	6/28/2008 14:40
	110385	1/20/2011 11:30
	97305	10/29/2009 18:01
10-1510		3/2/2010 18:41
	Oct-50	12/19/2010 18:26
	Oct-88	12/20/2010 19:55
	Dec-25	7/20/2012 12:55
13-2911		5/14/2013 12:06
13-2911		5/16/2013 12:24
		6/16/2008 12:20
	90336	1/15/2009 7:45
	94972	7/13/2009 9:59
10-0385		1/18/2010 22:02
10-1015		2/8/2010 12:50
	Oct-88	12/20/2010 19:55
	Dec-96	5/5/2012 16:07
13-5794		9/16/2013 11:10
	70416	1/19/2007 14:23
13-3353		6/3/2013 12:15
	71731	3/18/2007 11:02
	71731	3/18/2007 11:02
	71731	3/18/2007 11:02
	72567	4/27/2007 14:50
	72567	4/27/2007 14:50

Ajay Malik, Supervising Engine	(310) 638-1161 Ext. 6806
Ajay Malik, Supervising Engineer	(310) 638-1161 Ext. 6806
Ajay Malik, Supervising Engineer	(310) 638-1161 Ext. 6806

4SSO11391	Active	650010	Philip L. Friess	Certified
4SSO11391	Active	651509	Philip L. Friess	Certified
4SSO11391	Active	655146	Philip L. Friess	Certified
4SSO11391	Active	706928	Victoria O. Conway	Certified
4SSO11391	Active	724751	Victoria O. Conway	Certified
4SSO11391	Active	752148	Victoria O. Conway	Certified
4SSO11391	Active	764427	Samuel Espinoza	Certified
4SSO11391	Active	772615	Samuel Espinoza	Certified
4SSO11391	Active	794708	Martha Tremblay	Certified
4SSO11392	Active	733861	Victoria O. Conway	Certified
4SSO11392	Active	748637	Victoria O. Conway	Certified
4SSO11392	Active	759831	Victoria O. Conway	Certified
4SSO11394	Active	710960	Victoria O. Conway	Certified
4SSO11394	Active	710964	Victoria O. Conway	Certified
4SSO11394	Active	710968	Victoria O. Conway	Certified
4SSO11394	Active	710971	Victoria O. Conway	Certified
4SSO11394	Active	736385	Victoria O. Conway	Certified
4SSO11394	Active	744319	Victoria O. Conway	Certified
4SSO11395	Active	765744	Samuel Espinoza	Certified
4SSO11397	Active	707695	Victoria	Certified
4SSO11397	Active	714802	Victoria O. Conway	Certified
4SSO11397	Active	777456	Samuel Espinoza	Certified
4SSO11398	Active	724934	Victoria O. Conway	Certified
4SSO11398	Active	724944	Victoria O. Conway	Certified
4SSO11398	Active	724951	Victoria O. Conway	Certified
4SSO11398	Active	724953	Victoria O. COnway	Certified
4SSO11401	Active	709085	Victoria O. Conway	Certified
4SSO11401	Active	710953	Victoria O. Conway	Certified
4SSO11401	Active	725882	Victoria O. Conway	Certified
4SSO11403	Active	647975	Philip L. Friess	Certified
4SSO11403	Active	742629	Victoria O. Conway	Certified
4SSO11403	Active	764714	Samuel Espinoza	Certified
4SSO11403	Active	776035	Samuel Espinoza	Certified
4SSO11403	Active	794277	Martha Tremblay	Certified
4SSO11404	Active	647996	Philip L. Friess	Certified
4SSO11404	Active	656388	Victoria O. Conway	Certified
4SSO11404	Active	656394	Victoria O. Conway	Certified
4SSO11404	Active	656398	Victoria O. Conway	Certified
4SSO11404	Active	731984	Victoria O. Conway	Certified
4SSO11406	Active	721693	Jared Bouchard	Certified
4SSO11406	Active	758927	Joe Mathein	Certified
4SSO11407	Active	645483	keith lehto	Certified
4SSO11407	Active	767719	Nicholas A. Agbobu	Certified
4SSO11407	Active	768215	Nicholas A. Agbobu	Certified
4SSO11423	Active	647099	Robert Cheng	Certified
4SSO11423	Active	647228	Robert C. Cheng	Certified
4SSO11423	Active	648328	Robert C. Cheng	Certified
4SSO11423	Active	648329	Robert C. Cheng	Certified
4SSO11423	Active	649341	Robert Cheng	Certified
4SSO11423	Active	649386	Robert Cheng	Certified
4SSO11423	Active	649537	Robert C. Cheng	Certified
4SSO11423	Active	649763	Robert C. Cheng`	Certified
4SSO11423	Active	650433	Robert C. Cheng	Certified
4SSO11423	Active	650444	Robert C. Cheng	Certified
4SSO11423	Active	650623	Robert Cheng	Certified

Departmental Engineer
Departmental Engineer
Departmental Engineer
Departmental Engineer
Departmental Engineer
Departmental Engineer
Wastewater Collection Systems Manager
Wastewater Collection Systems Manager
Wastewater Collection Systems Manager
Departmental Engineer
Departmental Engineer
Departmental Engineer
Departmental Engineer
Departmental Engineer
Departmental Engineer
Departmental Engineer
Departmental Engineer
Departmental Engineer
Wastewater Collection Systems Manager
Conway
Departmental Engineer
Asst. Dept. Engineer
Departmental Engineer
Departmental Engineer
Departmental Engineer
Departmental Engineer
Departmental Engineer
Departmental Engineer
Departmental Engineer
Departmental Engineer
Departmental Engineer
Wastewater Collection Systems Manager
WCS Manager
Wastewater Collection Systems Manager
Departmental Engineer
Departmental Engineer
Departmental Engineer
Departmental Engineer
Departmental Engineer
General Manager
Operations Manager
principal engineer
Senior Civil Engineer
Senior Civil Engineer
Deputy General Manager - Operations
Deputy General Manager - Operations
Deputy General Manager - Operations
Deputy General Manager - Operations
Deputy General Manager - Operations
Deputy General Manager - Operations
Deputy General Manager - Operations
Deputy General Manager - Operations
Deputy General Manager - Operations
Deputy General Manager - Operations
Deputy General Manager - Operations

	2:49 PM	757159
7:40 a.m.		809356
	9:35 AM	211859
	6:50 PM	506058
	2:08 PM	229711
2:57 p.m.		530289
8:10 a.m.		833617
	1:46 PM	187947
	2:02 PM	202508
	12:01 PM	681379
2:32 p.m.		345803
2:22 p.m.		860959
11:17 a.m.		869873
11:15 a.m.		229409
11:13 a.m.		450962
11:19 a.m.		918609
	11:22 AM	504297
	1:17 PM	621490
3:44 p.m.		473194
8:54 a.m.		870125
	7:55 AM	658886
	3:12 PM	615910
	10:54 AM	746043
	8:12 AM	302298
	10:35 AM	874625
	10:26 AM	956258
	8:23 AM	470603
11:06 a.m.		963620
11:11 a.m.		195910
2:16 p.m.		295990
	2:06 PM	967471
9:23 a.m.		463588
	12:39 PM	242387
	1:59 PM	494739
4:41 p.m.		322569
	12:52 PM	356619
	12:54 PM	348310
	7:26 PM	196007
	11:54 AM	896286
Channel Islands, CA		941560
	8:15 AM	521819
la county dpw		931424
Alhambra		679563
Alhambra		952311
Long Beach Water Department		312640
Long Beach Water Department		392001
Long Beach Water Department		340560
Long Beach Water Department		607413
Long Beach Water Department		255628
Long Beach Water Department		328373
Long Beach Water Department		418885
Long Beach Water Department		101457
Long Beach Water Department		180980
Long Beach Water Department		889696
Long Beach Water Department		623412

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

Category 1	400	400
Category 3	490	490
Category 3	10	10
Category 3	100	0
Category 2	2800	2800
Category 1	1740	1740
Category 1	2100	0
Category 1	12000	12000
Category 1	7800	0
Category 1	3000	0
Category 1	200	0
Category 1	35	0
Category 1	600	0
Category 1	600	0
Category 1	600	0
Category 1	3100	0
Category 3	30	30
Category 1	1000	1000
Category 1	520	10
Category 1	440	0
Category 3	10	10
Category 1	4300	4300
Category 3	20	20
Category 3	200	0
Category 3	30	30
Category 3	25	25
Category 2	64000	64000
Category 1	32200	0
Category 1	25	25
Category 3	5	
Category 1	1900	100
Category 2	1900	1900
Category 3	30	30
Category 2	1750	1750
Category 3	50	
Category 3	250	250
Category 3	250	250
Category 1	1200	0
Category 2	2000	0
Category 3	5	5
Category 3	100	100
Category 1	50	0
Category 3	10	0
Category 1	50	5
Category 3	450	
Category 3	300	0
Category 3	380	
Category 3	425	
Category 2	1050	1050
Category 3	750	750
Category 2	1800	1800
Category 1	450	350
Category 3	825	825
Category 3	130	130
Category 3	800	800

200	Yes	No
	No	No
	No	No
	No	No
0	No	Yes
580	Yes	Yes
2100	Yes	Yes
12000	Yes	Yes
7800	Yes	Yes
3000	Yes	Yes
200	Yes	Yes
35	Yes	Yes
600	Yes	Yes
600	Yes	Yes
600	Yes	Yes
3100	Yes	Yes
0	No	No
1000	Yes	Yes
510	Yes	Yes
440	Yes	Yes
0	No	No
4300	Yes	Yes
0	No	No
0	No	No
0	No	No
0	No	No
0	No	No
32200	Yes	Yes
25	Yes	Yes
	No	No
1800	Yes	Yes
0	No	No
0	No	Yes
0	No	Yes
	No	No
0	No	Yes
0	No	Yes
1200	No	Yes
0	No	Yes
0	No	No
0	No	Yes
50	Yes	Yes
0	No	No
45	Yes	Yes
	No	No
0	No	No
	No	No
	No	No
0	No	No
	No	No
0	No	No
100	Yes	Yes
	No	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
Yes
Yes
No
Yes
No
No
No
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No
Not Applicable - Spill did not reach storm drainpipe
Yes
No
No
Not Applicable - Spill did not reach storm drainpipe
Yes
Not Applicable - Spill did not reach storm drainpipe
Not Applicable - Spill did not reach storm drainpipe
Not Applicable - Spill did not reach storm drainpipe
Not Applicable - Spill did not reach storm drainpipe
Not Applicable - Spill did not reach storm drainpipe
No
Yes
Not Applicable - Spill did not reach storm drainpipe
No
Not Applicable - Spill did not reach a separate storm drainpipe
Yes
Yes
Not Applicable - Spill did not reach storm drainpipe
Yes
Yes
No
No
Not Applicable - Spill did not reach storm drainpipe
Yes
No
Not Applicable - Spill did not reach a separate storm drainpipe
No
Not Applicable - Spill did not reach storm drainpipe
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Not Applicable - Spill did not reach storm drainpipe
No
Not Applicable - Spill did not reach storm drainpipe
Not Applicable - Spill did not reach storm drainpipe
Not Applicable - Spill did not reach storm drainpipe

Inglewood No. 2 Trunk Sewer (District 5)
Narbonne Avenue Trunk Sewer, Section 1 (District 5)
Inglewood No. 3 Trunk Sewer (District 5)
Janet Lane Trunk (District 5)
Manchester-Vermont Diversion Extension Trunk Sewer
Arlington Avenue Extension Trunk Sewer (District 5)
Narbonne Avenue Trunk, Section 1 (west) (District 5)
Inglewood Trunk Sewer No. 2 (District 5)
Madison Street Trunk (District 5)
216th Street Relief Trunk Sewer (District 8)
216th Street Relief Trunk Sewer (District 8)
216th Street Relief Trunk Sewer (District 8)
Arcadia-Sierra Madre Trunk, Sections 2&5 (District 15)
Arcadia-Sierra Madre Trunk, Sections 2&5 (District 15)
Arcadia-Sierra Madre Trunk, Sections 2&5 (District 15)
Arcadia-Sierra Madre Trunk, Sections 2&5 (District 15)
Hill Drive Extension Relief Trunk (District 15)
Arroyo Drive Trunk (District 15)
San Marino Outfall Trunk (District 16)
La Habra Heights Trunk, Section 1 (District 18)
Florence Avenue Trunk (District 18)
Scott Avenue Trunk Sewer (District 18)
Palo Verde Trunk (District 19)
City of Long Beach Local Sewer Tributary to Palo Verde Trunk (District 19)
City of Long Beach Local Sewer Tributary to Palo Verde Trunk (District 19)
City of Long Beach Local Sewer Tributary to Palo Verde Trunk (District 19)
Loraine Trunk (District 22)
Base Line Trunk, Section 1 (District 22)
Walnut Creek Trunk, Section 3 (District 22)
Alamitos Pumping Plant Force Main (District 29)
Lewis Avenue Sewer (District 29)
33rd Street Sewer (District 29)
28th Street Pumping Plant Sewer (District 29)
Signal Hill Outfall Trunk (District 29)
El Porto Trunk Sewer (District 30)
El Porto Trunk Sewer (South Bay Cities Sanitation District)
El Porto Trunk Sewer (South Bay Cities Sanitation District)
El Porto Trunk Sewer (South Bay Cities Sanitation District)
South Bay Cities Main PP FM No. 2 (Dist. 30)
CIBCSD - 145 Ventura Ave.
Chico Ct. and Highland Dr.
1042-0064
1043 - 31522 Rustic Oak Drive
1043-0400
Manhole J28-SMH-044
Manhole M13 - SMH - 018
on 14th between Gladys and Temple
R25-SMH-003Conant and Albury manhole
M13 - manhole 16
H26 - manhole 14
Atlas K40-SMH-007
Long Beach
Long Beach
Long Beach
Long Beach

33.977028	118.367722	Los Angeles
33.789167	118.320278	Los Angeles
33.971389	118.3575	Los Angeles
33.805833	118.358611	Los Angeles
33.952861	118.280056	Los Angeles
33.925861	-118.317667	Los Angeles
33.787139	-118.320028	Los Angeles
33.974556	-118.369833	Los Angeles
33.794611	-118.349194	Los Angeles
33.836806	-118.281778	Los Angeles
33.836944	-118.281667	Los Angeles
33.836944	-118.281667	Los Angeles
34.151944	-118.031667	Los Angeles
34.1525	-118.031667	Los Angeles
34.153333	-118.031667	Los Angeles
34.156111	-118.031944	Los Angeles
34.051944	-118.09	Los Angeles
34.039222	-118.089056	Los Angeles
34.101833	-118.115194	Los Angeles
33.946389	117.964722	Los Angeles
33.935389	118.070389	Los Angeles
33.946167	-118.000806	Los Angeles
33.804167	118.086111	Los Angeles
33.811944	118.080278	Los Angeles
33.811667	118.08	Los Angeles
33.812222	118.08	Los Angeles
34.127222	117.851389	Los Angeles
34.121389	-117.905	Los Angeles
34.08255	-117.8526	Los Angeles
33.795	118.176389	Los Angeles
33.800639	-118.181694	Los Angeles
33.818333	-118.183889	Los Angeles
33.807278	-118.161056	Los Angeles
33.801111	-118.178611	Los Angeles
33.903611	118.421389	Los Angeles
33.901667	-118.420556	Los Angeles
33.9025	-118.420944	Los Angeles
33.903389	118.421472	Los Angeles
33.894556	-118.415861	Los Angeles
34.15353	119.21606	Ventura
34.15697	-119.22103	Ventura
34.15668293	118.7964305	Los Angeles
34.14124565	-118.8075453	Los Angeles
34.14575256	-118.8162934	Los Angeles
33.838056	118.181389	Los Angeles
33.785213	118.15837	Los Angeles
33.784444	118.158333	Los Angeles
33.825	118.117222	Los Angeles
33.784444	118.158333	Los Angeles
33.831389	118.190833	Los Angeles
33.881389	118.168611	Los Angeles
33.945556	-118.363056	Los Angeles
33.823889	118.176667	Los Angeles
33.957778	118.351111	Los Angeles
33.851111	118.193889	Los Angeles

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4

Business/commercial building
Parking lot located at the southwest corner of the intersection of Narbonne Avenue and Pacific Coast Highway
Intersection of N. La Brea Ave. and Hyde Park Blvd.
At the intersection of East Newton Street and Vista Montana
Intersection of W 92nd St and South Grand Ave
Just south of the intersection of 119th Street and Van Ness Avenue
South of Pacific Coast Highway on Narbonne Avenue
Multi-family residential unit at 604 Evergreen Street
Intersection of Hawthorne Blvd and Rolling Hills Road
North Moneta Ave, south of intersection with West 212th Street
Moneta Avenue, south of intersection with West 212th Street
North Moneta Avenue, south of intersection with West 212th Street
Approximately 300 feet north of the intersection of Santa Anita Avenue and Foothill Boulevard
Intersection of Sycamore Avenue and Santa Anita Avenue
Approximately 200 feet north of the intersection of Sycamore Avenue and Santa Anita Avenue
Intersection of Santa Anita Avenue and Hacienda Drive
Rush St, east of intersection with San Gabriel Blvd
Arroyo Drive, between Ironstone Ave and Jerseydale Ave
On Vega Street north of Main Street
Intersection of Hacienda Blvd. and Janine Drive in a residential area
Approximately 26 feet south of the building at 12303 Florence Avenue
South of Whittier Boulevard on Scott Avenue
El Dorado Nature Center Park north of East Willow Street between Coyote Creek and San Gabriel River
Residential basement and backyard
Residential basement
Residential basement
Excavation pit in an unpaved construction site on private property
Intersection of East First Street and Dalton Avenue
Near the intersection of Puente Street and Mesarica Road in the City of Covina.
Northeast corner of intersection of Orange Avenue and Wesley Drive
End of Burnett Street, west of California Ave
Offices of Foasberg Cleaners
South of 28th Street on Signal Parkway
Intersection of Lemon Avenue and East Burnett Street
Parking lot located west of 42nd Street and south of The Strand
Parking lot near 3900 The Strand
Parking lot near 4000 The Strand
Parking lot near 4200 The Strand
27th Street, just east of North Manhattan Avenue
Clean out in road at the corner of Ventura Avenue and Island View Avenue.
Intersection of Chico Ct. and Highland Dr. and Santa Rosa Rd. Spilled onto street and concrete storm drain box
CSMD Map Sheet 1042 Manhole 64 MMS No. 2627388C
CSMD Mapsheet No. 1043 MMS No. 4481284
CSMD Mapsheet No. 1043 Manhole No. 400 MMS No. 4550787

Manhole East of Temple

In alley no flow into catch basin, all was flushed and vacuumed by Ocean Blue Environmental Services, Inc.
Spill contained at mouth of alley, sandbagged by LBWD crew and vacuumed up by Ocean Blue.
Middle of intersection, South of railroad tracks.

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

Toilet
Sewer cleanout
Manhole 577
Manhole 2613
MH 789
MH 05 2328
MH 1880
The majority of the wastewater spilled from a cleanout on the private lateral sewer serving 604 Evergreen Street, which w
MH 2156
MH 606
MH 606
MH 606
Manhole 795
Manhole 796
Manhole 797
Manhole 800
MH 930
MH 401
MH 317
Manhole 1030
Manhole 445A
MH 936
MH 11
Toilet, shower, and washing machine drains in basement.
Toilet, shower, and washing machine drains in basement.
Toilet and shower drains in basement.
The wastewater escaped in an excavation pit from two broken lateral connection points upstream of Manhole 1015
Manhole 926
Manhole 389

Sewer cleanout at asphalted parking area
NA
MH 207
Manhole 25 and private manhole

Manhole 187
Manhole 188
Manhole 189
MH 376
Clean out.
Spill from Sewer cleanout

Water was coming out of the ground at the backyard between manholes' 224-223.

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

The spill was fully contained in the business and concrete-lined portion of Centinela Creek, approximately 3 miles west of
Buried storm drain pipe
Asphalt street
The spill was limited to a triangular area on the asphalt street surface where it completely evaporated.
The spill was fully contained in the buried storm drain just north of the junction with Compton Creek.
Concrete-lined Channel
Machado Lake
The spill was fully contained in the concrete-lined portion of Centinela Creek, approximately 3 miles northwest of the spill
Walteria Retention Basin
NA
NA
NA
NA
NA
NA
NA
NA
Unlined depression immediately downstream of buried storm drain outlet
Unlined Rio Hondo

Grassy Median and Adjacent Gutter/Street
La Cañada Verde Creek
The spill was fully contained in the pervious soil immediately adjacent to the manhole.
The spill was fully contained in the basement and within the pervious backyard area.
The spill was fully contained in the basement.
The spill was fully contained in the basement.
Excavation pit in an unpaved construction site on private property
NA
The spill was fully contained in the concrete-lined portion of the flood channel located approximately a quarter mile north
Spill evaporated on asphalt surface
Unlined drainage channel
NA
NA

Two infiltration boxes located on the beach between the parking lot and The Lower Strand
One infiltration box located on the beach between the parking lot and The Lower Strand
Sand west of and adjacent to Lower Strand and one infiltration box located on the beach between the parking lot and The
Pervious sand downstream of storm drain outlet at the beach area west of and immediately adjacent to Lower Strand, at :

Spilled onto street and flowed to storm drain box where it was recovered
Malibu Canyon Creek
into the ground
Private drain 739

100 gal or less entered LACFCD catch basin, to an 8'3 pipe, that already had water in it from earlier rain.
Contained in alley and vacuumed up by Ocean Blue Environmental Services Inc.
Spill contained at alley entry and vacuumed up by Ocean Blue Environmental Co. Inc.
All water contained in low area of the street south of Manhole. Cleaned up by LBWD crew with Vacuum truck and returne

4/27/2007 12:15	4/27/2007 13:30	4/27/2007 14:00	4/27/2007 15:20
6/2/2007 11:01	6/2/2007 13:02	6/2/2007 13:45	6/2/2007 15:22
7/18/2007 6:40	7/18/2007 6:40	7/18/2007 6:40	7/18/2007 6:41
10/28/2007 11:55	10/28/2007 12:30	10/28/2007 13:30	10/28/2007 12:00
8/12/2008 13:35	8/12/2008 15:25	8/12/2008 16:10	8/12/2008 13:55
4/30/2010 7:30	4/30/2010 7:46	4/30/2010 8:20	4/30/2010 8:30
3/15/2011 11:15	3/15/2011 11:55	3/15/2011 12:20	3/15/2011 12:30
10/30/2011 8:00	10/30/2011 10:22	10/30/2011 11:40	10/30/2011 13:06
5/31/2013 7:30	5/31/2013 7:40	5/31/2013 7:40	5/31/2013 8:48
2/16/2009 8:55	2/16/2009 9:50	2/16/2009 9:50	2/16/2009 10:00
1/20/2010 16:45	1/20/2010 16:45	1/20/2010 16:45	1/20/2010 16:49
12/22/2010 14:50	12/22/2010 14:50	12/22/2010 14:50	12/22/2010 14:57
1/4/2008 23:59	1/4/2008 23:59	1/4/2008 17:00	1/5/2008 0:46
1/4/2008 23:59	1/4/2008 23:59	1/4/2008 17:00	1/5/2008 0:46
1/4/2008 23:59	1/4/2008 23:59	1/4/2008 17:00	1/5/2008 0:46
1/4/2008 23:59	1/4/2008 23:59	1/4/2008 17:00	1/5/2008 0:46
4/13/2009 10:00	4/13/2009 10:00	4/13/2009 10:00	4/13/2009 10:01
9/4/2009 8:00	9/4/2009 8:00	9/4/2009 8:30	9/4/2009 8:36
4/22/2011 3:20	4/22/2011 3:20	4/22/2011 3:20	4/22/2011 3:22
11/10/2007 10:10	11/10/2007 12:17	11/10/2007 12:42	11/10/2007 13:50
3/7/2008 6:04	3/7/2008 7:00	3/7/2008 7:25	3/7/2008 6:45
2/13/2012 11:33	2/13/2012 11:35	2/13/2012 12:15	2/13/2012 12:30
8/16/2008 15:11	8/16/2008 15:11	8/16/2008 15:05	8/16/2008 15:11
8/16/2008 9:30	8/16/2008 13:30	8/16/2008 14:30	8/16/2008 15:30
8/16/2008 10:00	8/18/2008 7:33	8/18/2008 9:30	8/16/2008 15:30
8/16/2008 15:00	8/18/2008 7:33	8/20/2008 9:30	8/16/2008 15:30
12/10/2007 13:10	12/10/2007 15:20	12/10/2007 16:00	12/10/2007 19:55
1/4/2008 22:50	1/4/2008 22:50	1/4/2008 17:00	1/5/2008 1:35
9/4/2008 14:15	9/4/2008 14:15	9/4/2008 14:15	9/4/2008 14:15
2/28/2007 8:45	2/28/2007 8:45	2/28/2007 8:45	2/28/2007 8:50
8/3/2009 14:10	8/4/2009 9:10	8/4/2009 9:35	8/4/2009 10:10
3/21/2011 5:00	3/21/2011 13:20	3/21/2011 13:45	3/21/2011 13:00
1/17/2012 14:45	1/17/2012 14:50	1/17/2012 15:05	1/17/2012 15:05
5/15/2013 12:56	5/15/2013 12:56	5/15/2013 12:56	5/15/2013 13:15
3/9/2007 8:01	3/9/2007 8:01	3/9/2007 8:01	3/9/2007 8:06
8/24/2007 8:15	8/24/2007 8:45	8/24/2007 9:10	8/24/2007 9:05
8/24/2007 8:15	8/24/2007 8:45	8/24/2007 9:10	8/24/2007 9:05
8/24/2007 8:15	8/24/2007 8:45	8/24/2007 9:10	8/24/2007 9:05
1/14/2009 9:35	1/14/2009 9:36	1/14/2009 9:36	1/14/2009 9:38
7/2/2008 11:45	7/2/2008 11:45	7/2/2008 11:55	7/2/2008 12:15
11/22/2010 17:45	11/22/2010 18:30	11/22/2010 19:00	11/22/2010 19:30
1/8/2007 12:17	1/8/2007 12:35	1/8/2007 13:45	1/8/2007 14:30
6/17/2011 13:00	6/17/2011 13:00	6/17/2011 15:00	6/17/2011 18:00
7/1/2011 12:22	7/1/2011 12:22	7/1/2011 13:50	7/1/2011 14:22
1/15/2007 12:00	1/15/2007 12:15	1/15/2007 12:40	1/15/2007 13:30
1/18/2007 12:55	1/18/2007 13:00	1/18/2007 13:20	1/18/2007 14:34
2/3/2007 1:10	2/3/2007 1:20	2/3/2007 1:45	2/3/2007 1:58
2/6/2007 6:45	2/6/2007 6:50	2/6/2007 7:30	2/6/2007 8:00
4/11/2007 1:30	4/11/2007 1:30	4/11/2007 1:30	4/11/2007 2:00
3/4/2007 9:15	3/4/2007 9:30	3/4/2007 10:00	3/4/2007 10:10
4/16/2007 14:55	4/16/2007 14:55	4/16/2007 15:30	4/16/2007 15:55
4/20/2007 18:45	4/20/2007 18:45	4/20/2007 19:10	4/20/2007 19:15
4/16/2007 9:55	4/16/2007 9:55	4/16/2007 10:35	4/16/2007 10:50
4/26/2007 8:24	4/26/2007 8:24	4/26/2007 8:40	4/26/2007 8:50
4/30/2007 18:15	4/30/2007 18:15	4/30/2007 18:50	4/30/2007 18:55

Other (specify below)
Grease deposition (FOG)
Other (specify below)
Root intrusion
Other (specify below)
Other (specify below)
Other (specify below)
Other (specify below)
Other (specify below)
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Grease deposition (FOG)
Grease deposition (FOG)
Grease deposition (FOG)
Other (specify below)
Other (specify below)
Root intrusion
Grease deposition (FOG)
Grease deposition (FOG)
Grease deposition (FOG)
Grease deposition (FOG)
Root intrusion
Other (specify below)
Grease deposition (FOG)
Root intrusion
Grease deposition (FOG)
Grease deposition (FOG)

The hydraulic capacity of the Inglewood No. 2 Trunk Sewer was exceeded when a Sanitation Districts contractor ruptured
NA
A Districts' contractor was performing an aboveground bypass of a sewer to facilitate cleaning and CCTV inspection work

The City of Los Angeles Dept of Water and Power (LADWP) damaged the sewer pipe while excavating to repair a damag
Partial blockage from grease and debris where Arlington Avenue Extension Trunk Sewer changes from a 15-inch to a 10-
Roots and grease deposition (FOG)
Partial blockage due to debris in the sewer pipe.
Root mass from upstream sewer system not owned by LACSD
Inflow/Infiltration associated with high intensity rainfall
While the two primary pumps of the upstream pump station were being operated manually to prevent an overflow, the rer
There are three pumps at the upstream pump station. Pumps 1 & 2 are the same. Pump 3 is slightly higher capacity. Pu
Inflow/Infiltration Associated with High Intensity Rainfall
Inflow/Infiltration Associated With High Intensity Rainfall
Inflow/Infiltration Associated With High Intensity Rainfall
Inflow/Infiltration Associated With High Intensity Rainfall
The cleaning method used by the sewer maintenance crew during a scheduled cleaning caused a relatively shallow manh
Blockage caused by a link pipe that folded over on itself. Link pipes are stainless steel internal sleeves that were used fo
A bypass pump, used to facilitate rehabilitation of the downstream sewer, manfunctioned and caused the manhole to ove
The overflow was caused by a partial blockage in the sewer due to concrete debris. A piece of concrete (approximately 1
An industrial waste discharger was trying to control odors in its effluent wet well by adding chemicals to the waste stream.
Roots
Upon clearing of blockage upstream of MH 11, the released sewage flow encountered a second blockage downstream of
Grease and asphalt debris. Asphalt debris may be due to vandalism or unrelated construction activity.
Grease and asphalt debris. Asphalt debris may be due to vandalism or unrelated construction activity.
Grease and asphalt debris. Asphalt debris may be due to vandalism or unrelated construction activity.
A contractor performing sitework for a real estate development accidentally backed a piece of heavy equipment into Sani
Inflow/Infiltration Associated with High Intensity Rainfall
An inflatable plug was installed at the inlet of MH 389 to facilitate a flow bypass for a sewer rehabilitation project. Once th
Broken valve stem between combination air release vacuum breaker valve and force main
Large root mass moved downstream from a tributary sewer
Storm water inflow from illegal storm drain connection to the sewer and partial blockage due to grit, gravel, and soil.
Root intrusion and Grease deposition (FOG)
A partial sewer blockage caused by a closed circuit television camera that flipped and was wedged in between the sewer
City of Manhattan Beach (City) maintenance personnel were responding to a spill from a City manhole upstream of the Sa
The overflow was caused by a blockage due to debris. It appears that a large chunk of concrete captured grease, which p
The overflow was caused by a blockage due to debris. It appears that a large chunk of concrete captured grease, which p
The overflow was caused by a blockage due to debris. It appears that a large chunk of concrete captured grease, which p
During a flow bypass being performed as part of the construction of the South Bay Cities Main Pumping Plant Force Mair
Combination of grease and toweletts.

Heavy roots and possible cracked or broken line.
Calcium deposits

Grit, Rags, Sand

Roots and Grease

a potable water main and the potable water infi

for a construction project. A bus accidentally hi

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6" long, 10" wide at one end, and 5" wide at the
An unexpected reaction occurred, causing foa
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tation Districts' Manhole 1015, which was expos
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anitation Districts' sewer. When the City cleare
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partially blocked the line. The concrete debris is
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ltrated the sewer through a construction trench. Wastewater in the local sewer could not discharge to the surcharged Ingle

t the aboveground discharge piping as it drove over a traffic ramp and pulled the discharge piping free causing a spill.

NA
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NA
other end) was plugging the sewer at Manhole 1030. The concrete debris is likely the result of vandalism or unrelated con
m to enter the Sanitation District sewer through their connection and overflow from MH 445A. After exiting the manhole, tl
NA
NA
Just upstream of MH11 of Palo Verde Trunk
Just upstream of MH11 of Palo Verde Trunk
Just upstream of MH 11 of Palo Verde Trunk
ed within the contractor's excavation. The impact knocked the brick manhole shaft from its base, allowing soil, rock, and

NA
NA

d the blockage in the City sewer, a surge of wastewater overwhelmed the capacity of the downstream El Porto Trunk Sewe

likely the result of vandalism or unrelated construction activity.
NA
Combination of grease and toweletts formed a blockage allowing sewage to exit clean out.

·wood No. 2 Trunk Sewer ca	8	VCP
	8	VCP
	12	VCP
	8	VCP
	15	VCP
	10	VCP
	8	VCP (PVC Liner, 2005)
	8	VCP (CIPP Lined, 2006)
	8	VCP (7.5-inch PVC Liner, 2005)
	30	RCP
	39	RCP
	30	RCP
	11	NRCP/CIPP
	11	NRCP/CIPP
	11	NRCP/CIPP
	11	NRCP/CIPP
	8	VCP
	8	VCP
	18	VCP
struction activity.	8	VCP
ıe foam collapsed into a liqu	15	NRCP
	8	VCP
	24	VCP
	24	VCP
	24	VCP
	24	VCP
construction debris to enter t	15	NRCP
	12	NRCP
	12	NRCP
	10	Cast iron
	8	VCP
	8	VCP
	8	VCP
	12	VCP
ɜr and resulted in a spill. Th	9	PVC Lined VCP
	10	VCP
	10	VCP
	10	VCP
	21	VCP
	8	VCP
	8	clay
	8	VCP
	10	CP
	10	CP
	8	VCP
	8	VCP
	8	VCP
	8	VCP
	8	VCP
	10	VCP

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

Approximately 200 gallons of wastewater was contained at the business. Approximately 200 gallons of wastewater entere
Contained and returned all of the spill to the sanitary sewer system, cleaned site.
Contained and returned all of the spill to the sanitary sewer system, cleaned up site.
Sanitation Districts' crews inspected the sewer using CCTV and found roots approximately 27 feet downstream of Manhol
By LA City Bureau of Sanitation:-Removed plug and restored flow By LADWP Contractor, Patriot Environmental Servic

#NAME?
#NAME?
#NAME?
#NAME?

Cleaned up impacted pavement; collected and returned washwater to sewer.
Due to the intensity of the ongoing storm event the overflow was immediately washed into the adjacent catch basin. Due
Due to the intensity of the ongoing storm event the overflow was immediately washed into the adjacent catch basin. Due
Because the hydraulic capacity of the sewer can be exceeded during high intensity rainfall events, the Sanitation Districts
Because the hydraulic capacity of the sewer can be exceeded during high intensity rainfall events, the Sanitation Districts
Because the hydraulic capacity of the sewer can be exceeded during high intensity rainfall events, the Sanitation Districts
Because the hydraulic capacity of the sewer can be exceeded during high intensity rainfall events, the Sanitation Districts

#NAME?
#NAME?
#NAME?

Cleaned sewer Removed concrete debris Restored flow Setup containment Cleaned impacted street surface and storm
Cleaned impacted paved street and gutter, collected washwater and returned to sewer.The impacted pervious area was is

#NAME?
#NAME?

By Homeowner: -Pumped spill to pervious backyard area By Sanitation Districts: -Cleared blockage and restored flow -
By Homeowner: -Contacted insurance company, which sent remediation contractor who initiated cleanup By Sanitation I
By Homeowner: -Initiated spill cleanup By Sanitation Districts: -Cleared blockage and restored flow -Mobilized remedia
Contained all spilled wastewater Restored flow Inspected sewer using CCTV Returned all of the spill to sewer system E
Because the hydraulic capacity of the sewer can be exceeded during high intensity rainfall events, the Sanitation Districts
Cleaned up (mitigated effects of spill) Contained all of spill Returned all of spill to sanitary sewer system

#NAME?

NA

#NAME?
#NAME?

Contained and returned all of the spill to the sanitary sewer system, cleaned up site
Cleaned-up (mitigated effects of spill) Inspected sewer using CCTV to determine cause Restored flow Removed and di
Cleaned-up (mitigated effects of spill) Inspected sewer using CCTV to determine cause Restored flow Removed and di
Cleaned-up (mitigated effects of spill)Inspected sewer using CCTV to determine causeRestored flowRemoved and dispos
By Contractor: -Shutdown bypass pump and stopped overflow -Flushed street surface with potable water By Sanitatior
Spilling cleanout was bermed with sand containing spill. Flow was restored with Vactor. Spill was vacuumed up, area was

We built dirt dam to contain overflow, hydroed mainline sewer and broke down heavy grease stoppage.
Checked mainline in Rustic Oak Drive and the line was down and running. Per the complainant water was coming out of

Notified LACFCD of 100 gallons or less entered catch basin that leads to 8'3 storm drain pipe. LACFCD chose not to res

Sandbaged, cleared stoppage with High Volocity Jetter truck, Vacuumed up liquids, and returned to sewer system.

4/30/2007 14:00

8/13/2008 13:00
4/30/2010 23:30
3/15/2011 21:30
10/31/2011 12:40
5/31/2013 15:30
2/16/2009 14:00
1/20/2010 16:49
12/22/2010 14:57
1/5/2008 2:21
1/5/2008 2:21
1/5/2008 2:21
1/5/2008 2:21

9/4/2009 20:00
4/23/2011 2:18
11/11/2007 12:00

2/14/2012 8:30

12/11/2007 15:00
1/5/2008 2:00
9/5/2008 0:00

8/5/2009 8:00
3/21/2011 16:30

5/15/2013 21:15

8/24/2007 17:30
1/16/2009 11:00

1/8/2007 14:30

7/1/2011 18:15

4/11/2007 5:40

4/16/2007 17:00
4/20/2007 22:00

Other (specify below)

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

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

Other (specify below)
Other (specify below)

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

Other (specify below)
Other (specify below)

Added sewer to preventive maintenance program

Other (specify below)

Adjusted schedule/method of preventive maintenance

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

Recommended installation of a backflow prevention device.

The Sanitation Districts plan to meet with LADWP and LA Bureau of Sanitation to discuss measures to prevent recurrenc
The Sanitation Districts will install a Smart Cover on MH 2328. The Smart Cover will continuously monitor the level of flo
Most recent cleaning was performed in July 2010. Cleaning of this sewer has been removed from contractor and assigne
The owner of the property where the overflow occurred will be required to install a backflow prevention device.
Contacted Los Angeles County Department of Public Works to emphasize that root debris be captured during local sewer
An assessment will be made of the need to increase the capacity of the sewer downstream of the overflow.
The Sanitation Districts will reassess the control strategy at an upstream pumping plant.
The Sanitation Districts will reassess the control strategy at an upstream pumping plant
A relief sewer is currently in the design phase. Once completed, the hydraulic capacity in the sewer system should be ad
A relief sewer is currently in the design phase. Once completed, the hydraulic capacity in the sewer system should be ad
A relief sewer is currently in the design phase. Once completed, the hydraulic capacity in the sewer system should be ad
A relief sewer is currently in the design phase. Once completed, the hydraulic capacity in the sewer system should be ad

The Sanitation Districts inspected all link-pipe sectional liners in the vicinity. One additional link pipe was found to be def
The Sanitation Districts are reassessing the control strategy procedures for bypass systems operated by contractors
None available

The Sanitation Districts will remove the flow meter device to prevent future overflows.

The Sanitation Districts have protocol cited in Buildover Agreements that contractors are required to follow when construc
A relief sewer is currently under construction. Once completed, the hydraulic capacity in the sewer system should be ade
The Sanitation Districts will meet with representatives of Sancon and if deemed appropriate, the Sanitation Districts' will s

The Sanitation Districts performed CCTV inspection of all tributary sewers and were unable to determine the source of th
The illegal storm water connection to the sewer will be removed from service. The owner of the property where the overf

Identifying source of scale that caused camera to get wedged.

The cleaning frequency will be evaluated to determine if frequency should be increased from annual to semi-annual or qu
The Sanitation Districts will pursue monetary compensation from Colich & Sons for the costs associated with overflow res

Mainline will be televised to determine if further action is needed.

CCTV Private Laterals to check for rag and sand entry.
Continue routine cleaning of 2yr cycle

Yes

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

No
Yes
Yes

No

No
No
Yes

Yes
Yes

Yes

Yes
Yes

No

No

No

Yes
No

NA
NA
NA
NA
NA
Observations were made at four locations. Two stations were in Dominguez Channel upstream and downstream of the st
Observations were made at three locations in Machado Lake. These stations included the south point of Machado Lake,
NA
NA
NA
NA
NA
NA
NA
NA
NA
NA
NA
Observations were made at three locations. These locations included the concrete-lined Alhambra Wash near the entry p
No unusual conditions noted
NA
NA
NA
NA
NA
NA
NA
NA
NA
NA
NA
Not applicable to this spill
NA
NA
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NA

No

No
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Yes
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No
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NA
None

NA

NA
NA
NA

NA
NA
NA
NA

Two 4ft. by 4ft. areas around two infiltration boxes on Manhattan Beach
A 4 ft by 4 ft area around one infiltration box on Manhattan Beach
A 10 ft by 60 ft strip of sand at the outlet of a storm drain and a 4 ft by 4 ft area around one infiltration box on Manhattan I
A 6 feet wide by 85 feet long strip of pervious sand immediately at the outlet of a storm drain on Manhattan Beach

NA
N/A

N/A

NA

NA
NA

Concrete-lined portion of Centinela Creek

NA
Dominguez Channel
Machado Lake
Centinela Creek
Walteria Retention Basin
Dominguez Channel
Dominguez Channel
Dominguez Channel
Lower Santa Anita Wash
Lower Santa Anita Wash
Lower Santa Anita Wash
Lower Santa Anita Wash

Not Applicable
Alhambra Wash, Rio Hondo
Unnamed tributary to Coyote Creek

Leffingwell Creek, La Cañada Verde Creek

NA
Little Dalton Wash
Walnut Creek Wash

NA
NA
NA
NA

NA
NA
NA
NA

NA
Malibu Canyon Creek
No impacted surface water.
Private drain 739

NA

NA
Los Angeles River

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

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

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

Other (specify below)

Not applicable to this spill
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

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

Total Coliform, Fecal Coliform, Enterococcus, Ammonia, Copper, Mercury, and Zinc

Total Coliform, Fecal Coliform, Enterococcus, Ammonia, Copper, Mercury, and Zinc
Total Coliform, Fecal Coliform, Enterococci, Ammonia, Mercury, Copper and Zinc
Total Coliform, Fecal Coliform, Enterococcus, Ammonia, Copper, Mercury, Zinc
Total Coliform, Fecal Coliform, Enterococcus, Ammonia, Copper, Mercury, Zinc.
Total Coliform, Fecal Coliform, Enterococcus, Ammonia, Copper, Mercury, Zinc
NA
Total ColiformFecal ColiformEnterococcus
NA
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NA
Total Coliform, Fecal Coliform, Enterococcus, Ammonia, Copper, Mercury, Zinc
Total coliform,fecal coliform, enterococcus,ammonia,copper,mercury,zinc

Total Coliform, Fecal Coliform, Enterococcus, Ammonia, Copper, Mercury, Zinc.

NA
NA
Total Coliform, Fecal Coliform, Enterococcus, Ammonia, Copper, Mercury, and Zinc

NA
Not applicable to this spill

Total Coliform, Fecal Coliform, Enterococcus, Ammonia, Copper, Mercury, Zinc

NA

None of the above

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

Not applicable to this spill
Regional Water Quality Control Board
None of the above

Regional Water Quality Control Board

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

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

Not applicable to this spill

Not applicable to this spill
No water quality samples taken

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	72567	4/27/2007 14:50
	85851	8/12/2008 16:30
	Oct-08	4/30/2010 7:35
11-1554		3/15/2011 12:05
	Nov-84	10/30/2011 4:45
13-3288		5/31/2013 8:07
	91329	2/16/2009 10:44
10-0493		1/20/2010 17:09
	Oct-80	12/22/2010 15:04
	80122	1/5/2008 1:41
	80122	1/5/2008 0:41
	80122	1/5/2008 1:41
	80122	1/5/2008 1:41
	92947	4/13/2009 11:10
	96128	9/4/2009 8:05
	Nov-41	4/22/2011 3:55
	81883	3/7/2008 7:20
12-0847		2/13/2012 11:45
	85988	8/16/2008 18:30
	85988	8/16/2008 18:30
	85988	8/16/2008 18:30
	85988	8/16/2008 18:30
	80120	1/5/2008 0:50
	86472	9/4/2008 14:53
	95447	8/4/2009 9:19
11-1753		3/21/2011 13:52
12-0323		1/17/2012 15:06
	132945	5/15/2013 13:10
	75087	8/24/2007 10:20
	75087	8/24/2007 10:20
	75087	8/24/2007 10:20
	90300	1/14/2009 9:44
	1555777	6/17/2011 19:26
	158311	7/1/2011 12:25
	72300	4/13/2007 2:30
	72389	4/18/2007 13:55
	72495	4/24/2007 0:00

4SSO11423	Active	651086	Robert Cheng	Certified
4SSO11423	Active	651326	Robert C. Cheng	Certified
4SSO11423	Active	651645	Robert C. Cheng	Certified
4SSO11423	Active	652315	Robert C. Cheng	Certified
4SSO11423	Active	653325	Robert C. Cheng	Certified
4SSO11423	Active	654557	Robert C. Cheng	Certified
4SSO11423	Active	655887	Robert C. Cheng	Certified
4SSO11423	Active	657630	Robert C. Cheng	Certified
4SSO11423	Active	657949	Robert Cheng	Certified
4SSO11423	Active	704449	Robert C. Cheng	Certified
4SSO11423	Active	705058	Robert C. Cheng	Certified
4SSO11423	Active	705275	Robert C. Cheng	Certified
4SSO11423	Active	705754	Robert C. Cheng	Certified
4SSO11423	Active	707172	Robert C. Cheng	Certified
4SSO11423	Active	707414	Robert C. Cheng	Certified
4SSO11423	Active	708322	Robert C. Cheng	Certified
4SSO11423	Active	708954	Robert C. Cheng	Certified
4SSO11423	Active	710316	Robert C. Cheng	Certified
4SSO11423	Active	710561	Robert C. Cheng	Certified
4SSO11423	Active	710970	Robert C. Cheng	Certified
4SSO11423	Active	712229	Robert C. Cheng	Certified
4SSO11423	Active	712246	Robert C. Cheng	Certified
4SSO11423	Active	712530	Robert C. Cheng	Certified
4SSO11423	Active	714077	Robert C. Cheng	Certified
4SSO11423	Active	714396	Robert C. Cheng	Certified
4SSO11423	Active	715585	Robert C. Cheng	Certified
4SSO11423	Active	716784	Robert C. Cheng	Certified
4SSO11423	Active	718665	Robert C. Cheng	Certified
4SSO11423	Active	719428	Robert C. Cheng	Certified
4SSO11423	Active	719822	Robert C. Cheng	Certified
4SSO11423	Active	719870	Robert C. Cheng	Certified
4SSO11423	Active	722364	Robert C. Cheng	Certified
4SSO11423	Active	723657	Robert C. Cheng	Certified
4SSO11423	Active	724759	Robert C. Cheng	Certified
4SSO11423	Active	724760	Robert C. Cheng	Certified
4SSO11423	Active	724761	Robert C. Cheng	Certified
4SSO11423	Active	725375	Robert C. Cheng	Certified
4SSO11423	Active	726213	Robert C. Cheng	Certified
4SSO11423	Active	727871	Robert C. Cheng	Certified
4SSO11423	Active	727993	Robert C. Cheng	Certified
4SSO11423	Active	730599	Robert C. Cheng	Certified
4SSO11423	Active	731168	Robert C. Cheng	Certified
4SSO11423	Active	731946	Robert C. Cheng	Certified
4SSO11423	Active	732561	Robert C. Cheng	Certified
4SSO11423	Active	732973	Robert C. Cheng	Certified
4SSO11423	Active	733485	Robert C. Cheng	Certified
4SSO11423	Active	733812	Robert C. Cheng	Certified
4SSO11423	Active	735106	Robert C. Cheng	Certified
4SSO11423	Active	735346	Robert C. Cheng	Certified
4SSO11423	Active	735926	Robert Cheng	Certified
4SSO11423	Active	736431	Robert C. Cheng	Certified
4SSO11423	Active	736433	Robert C. Cheng	Certified
4SSO11423	Active	737444	Robert C. Cheng	Certified
4SSO11423	Active	737446	Robert C. Cheng	Certified
4SSO11423	Active	737584	Robert C. Cheng	Certified

Deputy General Manager - Operations
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Long Beach Water Department	379121
Long Beach Water Department	926820
Long Beach Water Department	288830
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Long Beach Water Department	622519
Long Beach Water Department	330983
Long Beach Water Department	407133
Long Beach Water Department	473100
Long Beach Water Department	807720
Long Beach Water Department	897314
Long Beach Water Department	541823
Long Beach Water Department	851473
Long Beach Water Department	124865
Long Beach Water Department	319796
Long Beach Water Department	215482
Long Beach Water Department	110638
Long Beach Water Department	123321
Long Beach Water Department	765900
Long Beach Water Department	505425
Long Beach Water Department	401835
Long Beach Water Department	127267
Long Beach Water Department	716428
Long Beach Water Department	109223
Long Beach Water Department	686441
Long Beach Water Department	750743
Long Beach Water Department	989435
Long Beach Water Department	769900
Long Beach Water Department	264547
Long Beach Water Department	624320
Long Beach Water Department	553437
Long Beach Water Department	385950
Long Beach Water Department	450220
Long Beach Water Department	707328
Long Beach Water Department	929830
Long Beach Water Department	622777
Long Beach Water Department	494606
Long Beach Water Department	654419
Long Beach Water Department	600417
Long Beach Water Department	148656
Long Beach Water Department	550099
Long Beach Water Department	935951
Long Beach Water Department	168251
Long Beach Water Department	343697
Long Beach Water Department	712525
Long Beach Water Department	350630
Long Beach Water Department	855876
Long Beach Water Department	208123
Long Beach Water Department	579737
Long Beach Water Department	785239
Long Beach Water Department	806176
Long Beach Water Department	474031
Long Beach Water Department	320973
Long Beach Water Department	857425
Long Beach Water Department	116647
Long Beach Water Department	974275

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

Category 3	300	300
Category 2	1200	1200
Category 2	1000	1000
Category 3	200	200
Category 1	50	0
Category 3	75	75
Category 1	1750	0
Category 1	150	0
Category 3	750	750
Category 2	1500	1500
Category 2	17250	17250
Category 1	650	0
Category 1	5400	0
Category 3	95	95
Category 3	220	220
Category 1	1125	925
Category 2	1254	1254
Category 1	1875	1590
Category 1	825	705
Category 1	850	0
Category 3	600	600
Category 3	350	350
Category 3	35	25
Category 1	1300	1150
Category 2	1050	1050
Category 2	2125	2125
Category 3	500	0
Category 3	750	750
Category 3	900	0
Category 3	400	400
Category 3	600	600
Category 1	250	0
Category 1	12000	50
Category 3	50	0
Category 3	350	350
Category 3	225	225
Category 3	150	150
Category 3	250	250
Category 1	658	0
Category 3	50	50
Category 1	3960	0
Category 3	624	624
Category 3	76	0
Category 3	50	50
Category 2	1000	1000
Category 3	585	585
Category 3	75	75
Category 2	2750	2750
Category 3	200	0
Category 2	6150	6150
Category 3	250	250
Category 3	776	776
Category 3	740	740
Category 3	300	300
Category 2	2100	2100

	No	No
0	No	No
0	No	No
	No	No
50	Yes	Yes
	No	No
1750	Yes	Yes
150	Yes	Yes
	No	No
0	No	No
0	No	No
650	Yes	Yes
5400	Yes	No
	No	No
	No	No
200	Yes	Yes
0	No	No
285	Yes	Yes
120	Yes	Yes
850	Yes	Yes
	No	No
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0	No	Yes
150	Yes	Yes
0	No	No
0	No	No
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0	No	Yes
0	No	No
250	Yes	No
11950	Yes	Yes
0	No	Yes
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658	Yes	Yes
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3960	Yes	Yes
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Not Applicable - Spill did not reach storm drainpipe
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33.903889	118.273611	Los Angeles
33.788048	118.19701	Los Angeles
33.922222	118.176389	Los Angeles
33.954167	118.397778	Los Angeles
33.788889	-118.186389	Los Angeles
33.816667	118.332222	Los Angeles
33.89	-118.184722	Los Angeles
33.786148	-118.19764	Los Angeles
33.900278	118.179722	Los Angeles
33.985278	118.281111	Los Angeles
33.8425	-118.19	Los Angeles
33.784722	-118.180556	Los Angeles
33.796111	118.360278	Los Angeles
33.970278	118.387778	Los Angeles
33.766667	118.331944	Los Angeles
33.893056	-118.283611	Los Angeles
33.824167	118.176944	Los Angeles
33.833333	-118.211667	Los Angeles
33.881944	-118.373611	Los Angeles
33.766944	118.121111	Los Angeles
33.781389	118.197222	Los Angeles
33.799722	118.191389	Los Angeles
33.790278	-118.213889	Los Angeles
33.798611	-118.140833	Los Angeles
33.839167	118.129722	Los Angeles
33.778611	118.156667	Los Angeles
33.841389	118.318611	Los Angeles
33.9075	118.181944	Los Angeles
33.929444	118.241944	Los Angeles
33.7825	118.1975	Los Angeles
33.773889	118.143611	Los Angeles
33.758611	118.120833	Los Angeles
33.842778	-118.205	Los Angeles
33.869722	-118.118056	Los Angeles
33.891667	118.183333	Los Angeles
33.836944	118.226389	Los Angeles
33.853889	118.193889	Los Angeles
33.776546	118.19998	Los Angeles
33.776944	-118.125278	Los Angeles
33.795312	118.191723	Los Angeles
33.781667	-118.1975	Los Angeles
33.791944	118.145278	Los Angeles
33.824167	118.184722	Los Angeles
33.758333	118.134167	Los Angeles
33.821944	118.188056	Los Angeles
33.866111	118.205	Los Angeles
33.758889	118.133333	Los Angeles
33.841667	-118.175556	Los Angeles
33.806111	-118.203333	Los Angeles
33.784167	-118.158333	Los Angeles
33.803889	-118.218056	Los Angeles
33.784167	-118.1975	Los Angeles
33.781667	-118.1975	Los Angeles
33.829445	-118.196944	Los Angeles
33.775278	-118.200278	Los Angeles

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North side of street.
Middle of 17th St. and alley west of Chestnut Ave.
Middle of street intersection at Los Santos Dr. and Britton Dr.
Middle of residential asphalt street.
Alley behind 16 Via Di Roma Walk, residential area surrounded by Alamitos Bay.
75 gal. spill in alley, contained, returned to sewer.
From city sewer maintenance hole in middle of street, flowed to curb and gutter then to city storm drain catch basin nearb
Overflow from city sewer manhole in middle of intersection at 15th St. and Henderson Ave., into gutter then into LACFCD
Sewer Maintenance Hole lid in street, to curb and gutter, then into LACFCD catch basin.
East side of street at city sewer maintenance hole, to curb and gutter to LACFCD storm drain catch basin.
Inside Sherer Park north of 46th St., at Elm Ave. in residential area.
Middle of flat street between Park, and LB Poly High school, and residential housing.
From city sewer manhole just north of Marine Stadium recreational area for boat races, and water skiing. Overflow followe
From sewer manhole on south side of 10th street, and alley east of Euclid Ave.
In Alley N/O Anaheim St. between Alamitos Ave. and Orange Ave.
At sewer manhole in middle of flat street.

Middle of street at manhole flowed to nearby storm drain catch basin. Unrecovered due to rain.

Alley behind 4848 E. 2nd St.

City sewer manhole in flat residential street.
Alley behind

City sewer Mainline stoppage cause an overflow on private property and into a sump which pumped the sewage into stree

From an 8 lid at the beginning of the city sewer mainline. In an alley just east of LaVerne Ave.

Flowed out of a 4 clean out on property at 641 W. 7th Street, then flowed to City of Long Beach catch basin. City mainlin

y.
storm drain catch basin at South East

ed roadway leading to parking lot to the

t and gutter then into City Storm Drain

e stoppage due to grease.

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

Sewer Maintenance Hole in asphalt street.

8 end of the mainline cleanout lid.

8 lid for end of city sewer mainline clean-out.

Vacant lot, property of Long Beach City Parks Department. uncapped or broken lateral connection which was hidden und

4 clean out in court yard area of single story apartments.

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

Alamitos Bay area where residents dock their boats along a cement barrier wall.
Washed back into city sewer manhole.

Sewage flowed into a flat bottom LACFCD drainage channel, and was contained by LACFCD, then vacuumed up by Oce

Spill entered bay area (ocean water) known as Marine Stadium, Alamitos Bay, and Mothers Beach.

Into Spinnaker Bay where private boats are docked near residents, No beach or swimming in the area.

Into LACFCD flat bottom cement drainage channel.

All recovered from Storm Drain by Ocean Blue contractor.

Fire Department contained in street and gutter area.

Per City of Long Beach Health Department 250 gallons flow from pick hole of City Sewer Manhole to the bay 30' north of
To nearby LB city storm drain catch basin, then to Spinnaker Bay

End of LA County River - Flood control Chennel.

Cement Alley

Storm drain pipe plugged off by LACDPW for repairs, so the SSO was vacuumed out of pipe and returned to Sanitary Se

5/29/2007 18:00	5/29/2007 18:00	5/29/2007 18:45	5/29/2007 18:50
6/3/2007 11:00	6/3/2007 11:00	6/3/2007 11:35	6/3/2007 11:45
6/9/2007 11:00	6/9/2007 11:00	6/9/2007 11:30	6/9/2007 11:40
6/17/2007 11:05	6/17/2007 11:05	6/17/2007 11:30	6/17/2007 11:15
6/30/2007 10:20	6/30/2007 10:20	6/30/2007 10:50	6/30/2007 10:55
7/21/2007 12:45	7/21/2007 12:45	7/21/2007 13:30	7/21/2007 14:00
8/14/2007 11:50	8/14/2007 11:50	8/14/2007 12:10	8/14/2007 13:00
9/14/2007 16:40	9/14/2007 16:40	9/14/2007 16:55	9/14/2007 17:00
9/23/2007 11:45	9/23/2007 11:45	9/23/2007 12:20	9/23/2007 12:30
9/30/2007 10:45	9/30/2007 10:45	9/30/2007 11:40	9/30/2007 12:30
10/11/2007 8:00	10/11/2007 9:15	10/11/2007 9:35	10/11/2007 9:55
10/14/2007 9:50	10/14/2007 9:50	10/14/2007 9:40	10/14/2007 10:50
10/17/2007 11:18	10/17/2007 11:18	10/17/2007 11:55	10/17/2007 11:27
10/30/2007 12:27	10/30/2007 12:27	10/30/2007 12:41	10/30/2007 12:46
11/6/2007 8:50	11/6/2007 8:50	11/6/2007 9:05	11/6/2007 9:15
11/27/2007 18:35	11/27/2007 18:35	11/27/2007 19:10	11/27/2007 19:15
12/10/2007 7:13	12/10/2007 7:13	12/10/2007 7:20	12/10/2007 7:46
12/25/2007 17:00	12/25/2007 17:00	12/25/2007 17:40	12/25/2007 18:15
12/30/2007 12:15	12/30/2007 12:15	12/30/2007 12:35	12/30/2007 12:48
1/6/2008 10:50	1/6/2008 10:50	1/6/2008 11:10	1/6/2008 11:40
1/9/2008 7:00	1/9/2008 7:00	1/9/2008 7:35	1/9/2008 7:45
1/29/2008 8:15	1/29/2008 8:15	1/29/2008 8:35	1/29/2008 9:00
2/4/2008 12:30	2/4/2008 12:30	2/4/2008 12:45	2/4/2008 12:50
2/26/2008 9:05	2/26/2008 9:05	2/26/2008 9:30	2/26/2008 9:40
3/2/2008 13:00	3/2/2008 13:00	3/2/2008 13:20	3/2/2008 15:30
3/30/2008 9:25	3/30/2008 9:25	3/30/2008 10:10	3/30/2008 10:50
4/27/2008 10:40	4/27/2008 10:40	4/27/2008 11:25	4/27/2008 11:55
5/30/2008 7:30	5/30/2008 7:30	5/30/2008 8:15	5/30/2008 8:20
6/8/2008 11:15	6/8/2008 11:15	6/8/2008 11:50	6/8/2008 12:15
6/15/2008 11:00	6/15/2008 11:00	6/15/2008 11:40	6/15/2008 11:47
6/19/2008 1:10	6/19/2008 1:10	6/19/2008 2:00	6/19/2008 2:25
7/13/2008 19:30	7/13/2008 19:30	7/13/2008 20:05	7/13/2008 19:40
7/26/2008 9:10	7/26/2008 10:40	7/26/2008 11:20	7/26/2008 11:50
7/21/2008 10:48	7/21/2008 10:48	7/21/2008 11:20	7/21/2008 11:40
7/21/2008 8:20	7/21/2008 8:20	7/21/2008 8:35	7/21/2008 8:55
7/24/2008 0:00	7/24/2008 0:00	7/24/2008 0:00	7/24/2008 0:00
8/19/2008 7:34	8/19/2008 7:34	8/19/2008 7:50	8/19/2008 9:20
8/30/2008 11:30	8/30/2008 11:30	8/30/2008 11:55	8/30/2008 12:25
10/11/2008 9:50	10/11/2008 9:50	10/11/2008 10:30	10/11/2008 12:10
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12/12/2008 7:18	12/12/2008 7:18	12/12/2008 7:25	12/12/2008 7:50
12/16/2008 20:00	12/16/2008 20:00	12/16/2008 20:20	12/16/2008 20:40
1/5/2009 11:48	1/5/2009 11:48	1/5/2009 12:15	1/5/2009 12:30
1/22/2009 20:30	1/22/2009 20:30	1/22/2009 21:10	1/22/2009 21:25
2/2/2009 7:40	2/2/2009 7:40	2/2/2009 8:00	2/2/2009 8:20
1/30/2009 15:15	1/30/2009 15:15	1/30/2009 15:30	1/30/2009 16:33
1/28/2009 14:42	1/28/2009 14:42	1/28/2009 14:57	1/28/2009 15:12
3/13/2009 9:20	3/13/2009 9:20	3/13/2009 9:50	3/13/2009 10:15
3/14/2009 14:40	3/14/2009 14:40	3/14/2009 15:15	3/14/2009 15:35
4/2/2009 17:39	4/2/2009 17:39	4/2/2009 18:00	4/2/2009 18:20
3/30/2009 14:15	3/30/2009 14:15	3/30/2009 14:45	3/30/2009 16:15
4/16/2009 8:53	4/16/2009 10:03	4/16/2009 10:15	4/16/2009 10:30
5/4/2009 7:28	5/4/2009 7:28	5/4/2009 7:45	5/4/2009 8:05
5/10/2009 15:44	5/10/2009 15:44	5/10/2009 16:25	5/10/2009 16:44
5/17/2009 10:40	5/17/2009 10:40	5/17/2009 11:10	5/17/2009 11:40

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

Roots and Grease
Stoppage relieved itself before operator arrived, unable to determine cause of spill, Fire Department contained the spill a

Grease, roots, rags.

Initial crew on site to Inspect a portion of city sewer mainline found sewer manhole filled with roots and were unable to se

Excessive Toilet paper.

Very heavy amount of toilet paper and paper towels

Grease and Roots

Sewage exited manhole when Cleaning crew used high velocity jetter with pressure too high in a stopped up mainline.

Gas trap installed in Manhole by LACSD to prevent odor complaints decreases flow of sewage and accelerates grease se

Grease and tree roots

nd LBWD did the clean up per Health Dept. inst
Main

Main
Main

Main
Main
e channel or manhole depth. The crew began to

Main

Main
Main

Main

Main

Main

Main

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Main

ructions. Returned to CCTV mainline to find cause of stoppage. Found many roots in line. Cleaned mainline with root saw

chop out the roots, some of the roots falling to the base, a nearby sewer lift station turned on and sent a rush of sewage v

City Sewer Mainline upstream of Manhole with gas trap installed.

8 VCP
8 CP
8 VCP
.
8 CP
6 VCP
8 VCP
8 VCP
8 CP
8 VCP
8 VCP
10 VCP
8 VCP
vater through the inlet 8 to tl
15 VCP
8 CP
8 CP
8 VCP
8 VCP
8 VCP
8 VCP
12 VCP

8 VCP

8 VCP
8 VCP

8 VCP

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

Sand bagged area, Cleared stoppage, Called for Ocean blue to clean up sewage in curb and gutter area. Notified Health
Sand bagged, called for Ocean Blue Invironmental Service to Clean and Vacuum up all Fluids from street and city Storm
Fire Dept. placed berm around LACFCD catch basin upon arrival, Sewer crew cleared stoppage, Ocean Blue contractor r

Crew sandbagged upon arrival the cleared city sewer grease stoppage, called Ocean Blue cleanup co. to flush and dissin
Cleared city sewer grease blockage, per city Health Department called Ocean Blue to clean and disinfec the curb and gut

Ocean Blue pressure washed street and gutter, and flushed storm drain per LACFCD instructions.
Company Ocean Blue responded to pressure wash roadway, and parking lot and vacuum wash down water and leftover v
Upon arrival the sewer crew sandbagged to prevent any flow into storm drain. Then cleared stoppage, called Ocean Blue
All sewage contained at mouth of alley due to a low spot in the area. LBWD vacuumed up the sewage and washed down

Only able to clear stoppage and restore flow due to the rain the crew was unable to stop flow from entering into storm dra

Called Ocean Blue for clean up.
Contractor Ocean Blue responded and recovered sewage, cleaned and dissinfected area, and returned sewage to the sa

CCTV line and found no defects.

Ocean Blue Co. retreived 80,000 gallons of water from the LA County Storm Drain pump station and 6 yrds of debris to d

Throughly cleaned City Sewer mainline with a high pressure jetter, while an operator held the grease trap open so the flo

Ocean Blue Co. flushed and vacuumed up sewage out of LACFCD stormdrain and catch basin, and pressure washed stre

6/3/2007 15:35
6/9/2007 14:30

6/30/2007 14:20

8/14/2007 13:00
9/14/2007 17:20

9/30/2007 14:15
10/12/2007 0:00
10/14/2007 14:00
10/17/2007 0:00

11/27/2007 22:00
12/10/2007 10:00
12/25/2007 20:20
12/30/2007 14:25
1/6/2008 13:15

2/4/2008 13:10
2/26/2008 13:30
3/2/2008 17:15
3/30/2008 13:40

7/13/2008 0:00
7/26/2008 15:30

10/11/2008 1:30

12/12/2008 17:00

2/2/2009 14:00

3/13/2009 12:00

4/2/2009 23:40

5/17/2009 16:40

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

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

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

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

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

Upon arrival sewer crew sandbagged, then cleared stoppage with high volocity jetter truck, called for Contractor Ocean B

Kids may have stuffed toilet paper and or paper towels into toilet and flushed multiple times. Advised life guard station. Clear and Clean Sewer mainline, Educate the public on Fats, Oils, and Grease and the effects of improper disposal.

Inspect area to locate if possible the source of the grease that caused the stoppage, the enforce action against the FOG s

Spill was contained in curb and gutter and sand bagged at nearest city catch basin. Ocean blue Co. Vacuumed up spill, d

No
No

No

No
No

No
No
No
Yes

No
Yes
No
No
No

No
No
No
No

No
Yes

Yes

Yes

No

No

Yes

No

None

No
No

No

No
No

No
No
No
Yes

No
No
No
No
No

No
No
No
No

Yes
Yes

Yes

Yes

No

No

No

No

N/A
NA

Alamitos Bay

NA
None

NA
NA
NA
Ocean water inland, Alamitos Bay, Marine Stadium, Mothers Beach.

NA
NA
N/A
NA
Spinnaker Bay

NA
NA
NA
NA

Alamitos Bay
Spinnaker Bay, Marine Stadium, Mothers Beach.

Colorado Lagoon

Exit point of the Los Angeles River.

NA

NA

NA

NA

N/A
NA

Alamitos Bay

Los Angeles River
Los Angeles River

NA
NA
Los Angeles River
Same as above

Los Angeles River
NA
Los Angeles River
Los Angeles River
Spinnaker Bay

NA
Los Cerritos Drain/Alamitos Bay
NA
NA

Alamitos Bay
Alamitos Bay

Colorado Lagoon

Los Angeles River

NA

NA

NA

NA

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
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
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

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

Biological indicator(s) - specify below

Biological indicator(s) - specify below

Not applicable to this spill

Not applicable to this spill

Not applicable to this spill

Not applicable to this spill

Coliform (Fecal/Total) and Enteroccocci.

Total Coliform, Fecal Coliforms, Enterococus.
Enterococcus, Total Coliform, Fecal Coliform

Coliform, Enteroccoccus

Total and fecal coliform and Enterococci.

No water quality samples taken
Not applicable to this spill

None of the above

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

None of the above
None of the above

None of the above

None of the above

Not applicable to this spill

Not applicable to this spill

Not applicable to this spill

Not applicable to this spill

City of Long Beach Health Dept. taking samples, and reporting the appropriate agencies.

Samples taken by City Health Dept.

City of Long Beach Public Health Department

73378	6/4/2007 9:42
73514	6/11/2007 7:49
	6/18/2007 13:43
73958	7/2/2007 8:35
74411	7/23/2007 13:45
74890	8/15/2007 15:40
75688	9/18/2007 11:45
75810	9/24/2007 11:20
75961	10/1/2007 0:00
76179	10/11/2007 15:23
76259	10/15/2007 13:53
76343	10/17/2007 13:18
77350	11/28/2007 13:25
77633	12/11/2007 9:00
77920	12/26/2007 9:55
70820	12/31/2007 9:37
80228	1/7/2008 9:35
80998	2/1/2008 14:40
80997	2/1/2008 14:35
81107	2/6/2008 7:05
81612	2/26/2008 12:15
81770	3/2/2008 20:30
82435	3/30/2008 11:23
83876	4/28/2008 9:34
83919	6/2/2008 7:37
84093	6/9/2008 8:20
84239	6/16/2008 7:40
84344	6/19/2008 8:35
85139	7/14/2008 7:30
85456	7/26/2008 13:35
86047	8/20/2008 10:32
86358	8/30/2008 14:30
87351	10/11/2008 12:36
87326	10/9/2008 22:09
88850	12/12/2008 10:15
89028	12/19/2008 15:08
90957	2/2/2009 8:58
90917	1/30/2009 16:37
90844	1/28/2009 15:59
92325	3/17/2009 13:13
92267	3/14/2009 16:35
92715	4/3/2009 8:35
93019	4/16/2009 14:18
93740	5/18/2009 8:46

4SSO11423	Active	737983	Robert C. Cheng	Certified
4SSO11423	Active	738680	Robert C. Cheng	Certified
4SSO11423	Active	738813	Robert C. Cheng	Certified
4SSO11423	Active	738822	Robert C. Cheng	Certified
4SSO11423	Active	739281	Robert C. Cheng	Certified
4SSO11423	Active	742447	Robert C. Cheng	Certified
4SSO11423	Active	743262	Robert C. Cheng	Certified
4SSO11423	Active	744102	Robert C. Cheng	Certified
4SSO11423	Active	744119	Robert C. Cheng	Certified
4SSO11423	Active	744645	Robert C. Cheng	Certified
4SSO11423	Active	744835	Robert C. Cheng	Certified
4SSO11423	Active	744941	Robert C. Cheng	Certified
4SSO11423	Active	745479	Robert C. Cheng	Certified
4SSO11423	Active	745608	Robert C. Cheng	Certified
4SSO11423	Active	746451	Robert C. Cheng	Certified
4SSO11423	Active	746718	Robert C. Cheng	Certified
4SSO11423	Active	746894	Robert C. Cheng	Certified
4SSO11423	Active	747096	Robert C. Cheng	Certified
4SSO11423	Active	747232	Robert C. Cheng	Certified
4SSO11423	Active	748051	Robert C. Cheng	Certified
4SSO11423	Active	748313	Robert C. Cheng	Certified
4SSO11423	Active	748328	Robert C. Cheng	Certified
4SSO11423	Active	748388	Robert Cheng	Certified
4SSO11423	Active	748732	Robert C. Cheng	Certified
4SSO11423	Active	748961	Robert C. Cheng	Certified
4SSO11423	Active	748976	Robert C. Cheng	Certified
4SSO11423	Active	749735	Robert C. Cheng	Certified
4SSO11423	Active	750911	Robert C. Cheng	Certified
4SSO11423	Active	751550	Robert C. Cheng	Certified
4SSO11423	Active	751663	Robert C. Cheng	Certified
4SSO11423	Active	752391	Robert C. Cheng	Certified
4SSO11423	Active	752804	Robert C. Cheng	Certified
4SSO11423	Active	753425	Robert C. Cheng	Certified
4SSO11423	Active	753525	Robert C. Cheng	Certified
4SSO11423	Active	754384	Robert C. Cheng	Certified
4SSO11423	Active	754659	Robert C. Cheng	Certified
4SSO11423	Active	755062	Robert C. Cheng	Certified
4SSO11423	Active	755447	Robert C. Cheng	Certified
4SSO11423	Active	756096	Robert C. Cheng	Certified
4SSO11423	Active	757561	Robert C. Cheng	Certified
4SSO11423	Active	758427	Robert C. Cheng	Certified
4SSO11423	Active	758429	Robert C. Cheng	Certified
4SSO11423	Active	758796	Robert C. Cheng	Certified
4SSO11423	Active	759151	Robert C. Cheng	Certified
4SSO11423	Active	759180	Robert C. Cheng	Certified
4SSO11423	Active	759896	Robert C. Cheng	Certified
4SSO11423	Active	760199	Robert C. Cheng	Certified
4SSO11423	Active	761374	Robert C. Cheng	Certified
4SSO11423	Active	761619	Robert C. Cheng	Certified
4SSO11423	Active	761828	Robert C. Cheng	Certified
4SSO11423	Active	762082	Robert C. Cheng	Certified
4SSO11423	Active	762099	Robert C. Cheng	Certified
4SSO11423	Active	762316	Robert C. Cheng	Certified
4SSO11423	Active	762549	Robert C. Cheng	Certified
4SSO11423	Active	763061	Robert C. Cheng	Certified

Deputy General Manager - Operations
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Long Beach Water Department	863869
Long Beach Water Department	474500
Long Beach Water Department	512296
Long Beach Water Department	227010
Long Beach Water Department	232734
Long Beach Water Department	310865
Long Beach Water Department	965146
Long Beach Water Department	228052
Long Beach Water Department	816536
Long Beach Water Department	819627
Long Beach Water Department	558220
Long Beach Water Department	172553
Long Beach Water Department	694469
Long Beach Water Department	742152
Long Beach Water Department	939771
Long Beach Water Department	838540
Long Beach Water Department	606971
Long Beach Water Department	452240
Long Beach Water Department	122932
Long Beach Water Department	869739
Long Beach Water Department	801295
Long Beach Water Department	642651
Long Beach Water Department	828243
Long Beach Water Department	419444
Long Beach Water Department	665034
Long Beach Water Department	418081
Long Beach Water Department	679610
Long Beach Water Department	174332
Long Beach Water Department	359154
Long Beach Water Department	413516
Long Beach Water Department	601748
Long Beach Water Department	101641
Long Beach Water Department	117827
Long Beach Water Department	342811
Long Beach Water Department	305340
Long Beach Water Department	166178
Long Beach Water Department	571359
Long Beach Water Department	273721
Long Beach Water Department	687148
Long Beach Water Department	329226
Long Beach Water Department	814405
Long Beach Water Department	921521
Long Beach Water Department	901901
Long Beach Water Department	434694
Long Beach Water Department	530356
Long Beach Water Department	753088
Long Beach Water Department	285395
Long Beach Water Department	749503
Long Beach Water Department	841808
Long Beach Water Department	938729
Long Beach Water Department	726041
Long Beach Water Department	839121
Long Beach Water Department	185801
Long Beach Water Department	299338
Long Beach Water Department	948280

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

Category 2	3000	3000
Category 2	2000	2000
Category 3	350	350
Category 3	525	525
Category 1	100	95
Category 3	450	450
Category 3	250	250
Category 3	100	0
Category 3	150	150
Category 3	369	0
Category 3	300	300
Category 3	875	875
Category 3	81	81
Category 3	250	250
Category 3	435	435
Category 3	270	270
Category 3	100	100
Category 3	100	100
Category 3	135	135
Category 3	26	26
Category 3	200	200
Category 1	2000	125
Category 3	360	360
Category 1	1750	825
Category 3	200	200
Category 2	2430	2430
Category 3	80	80
Category 3	325	325
Category 3	175	175
Category 3	525	525
Category 3	210	210
Category 3	156	156
Category 3	375	125
Category 3	350	350
Category 3	625	625
Category 3	700	700
Category 3	150	150
Category 3	200	200
Category 3	253	253
Category 3	20	20
Category 2	1750	1750
Category 3	79	79
Category 3	225	225
Category 3	285	285
Category 3	225	225
Category 3	750	750
Category 3	45	45
Category 3	900	900
Category 3	45	45
Category 3	150	150
Category 3	200	200
Category 2	6000	6000
Category 3	235	235
Category 3	210	210
Category 3	252	252

0	No	Yes
0	No	Yes
0	No	No
0	No	Yes
5	Yes	Yes
0	No	Yes
0	No	Yes
0	No	No
0	No	No
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0	No	Yes
0	No	Yes
0	No	Yes
0	No	No
0	No	No
0	No	Yes
0	No	Yes
0	No	Yes
0	No	No
0	No	Yes
0	No	Yes
1875	Yes	Yes
0	No	No
925	Yes	Yes
0	No	No
0	No	Yes
0	No	No
0	No	Yes
0	No	No
0	No	Yes
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0	No	No
0	No	Yes
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0	No	Yes
0	No	No
0	No	Yes
0	No	Yes
0	No	Yes
0	No	Yes
0	No	No
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0	No	Yes
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0	No	Yes
0	No	Yes
0	No	Yes
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Yes
Yes
Not Applicable - Spill did not reach storm drainpipe
Yes
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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
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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
Yes
Yes
Yes
Yes
Not Applicable - Spill did not reach a separate storm drainpipe
Not Applicable - Spill did not reach a separate storm drainpipe
Yes
Not Applicable - Spill did not reach a separate storm drainpipe
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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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33.750278	-118.125	Los Angeles
33.763056	-118.136667	Los Angeles
33.779722	-118.157778	Los Angeles
33.754167	-118.196111	Los Angeles
33.827778	-118.124444	Los Angeles
33.791111	-118.213889	Los Angeles
33.824167	-118.176667	Los Angeles
33.828611	-118.216389	Los Angeles
33.767778	-118.152222	Los Angeles
33.817222	-118.191389	Los Angeles
33.789167	-118.173889	Los Angeles
33.773056	-118.161111	Los Angeles
33.830556	-118.189444	Los Angeles
33.833611	-118.176389	Los Angeles
33.899722	-118.325556	Los Angeles
33.786389	-118.191667	Los Angeles
33.790278	-118.203333	Los Angeles
33.853056	-118.176944	Los Angeles
33.825095	-118.11727	Los Angeles
33.778889	-118.177778	Los Angeles
33.8251	-118.117222	Los Angeles
33.768889	-118.133333	Los Angeles
33.833611	-118.176389	Los Angeles
33.876389	-118.153333	Los Angeles
33.845278	-118.188056	Los Angeles
33.846667	-118.175833	Los Angeles
33.848333	-118.187222	Los Angeles
33.789444	-118.127778	Los Angeles
33.785278	-118.150833	Los Angeles
33.866111	-118.200278	Los Angeles
33.825278	-118.191389	Los Angeles
33.810556	-118.191111	Los Angeles
33.824167	-118.176667	Los Angeles
33.850516	-118.185005	Los Angeles
33.780556	-118.170278	Los Angeles
33.784431	-118.163841	Los Angeles
33.776773	-118.187009	Los Angeles
33.825101	-118.117263	Los Angeles
33.857976	-118.192189	Los Angeles
33.769137	-118.12419	Los Angeles
33.761585	-118.134868	Los Angeles
33.854301	-118.189897	Los Angeles
33.771707	-118.201295	Los Angeles
33.824196	-118.170341	Los Angeles
33.784429	-118.174224	Los Angeles
33.874843	-118.155575	Los Angeles
33.84861	-118.187241	Los Angeles
33.762298	-118.13846	Los Angeles
33.823691	-118.183686	Los Angeles
33.780741	-118.166016	Los Angeles
33.758753	-118.13246	Los Angeles
33.795897	-118.176375	Los Angeles
33.847324	-118.188868	Los Angeles
33.875798	-118.175221	Los Angeles
33.815785	-118.165524	Los Angeles

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8 clean out in alley at beginning of mainline sewer.

Other sewer system structure
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Gravity sewer;Manhole
Gravity sewer;Manhole
Gravity sewer;Manhole
Gravity sewer;Manhole
Gravity sewer;Manhole
Gravity sewer;Manhole
Gravity sewer;Manhole
Building or structure;Other sewer system structure
Gravity sewer;Manhole
Gravity sewer;Manhole
Gravity sewer;Manhole
Gravity sewer;Manhole
Gravity sewer;Manhole
Gravity sewer;Manhole
Gravity sewer;Manhole
Gravity sewer;Manhole
Gravity sewer;Manhole
Gravity sewer;Manhole
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Gravity sewer;Manhole
Gravity sewer;Manhole
Gravity sewer;Manhole
Gravity sewer;Manhole
Gravity sewer;Manhole
Gravity sewer;Manhole
Gravity sewer;Manhole
Gravity sewer;Manhole
Gravity sewer;Manhole
Gravity sewer;Manhole
Gravity sewer;Other sewer system structure
Manhole;Pump station
Gravity sewer;Manhole
Gravity sewer;Manhole
Gravity sewer;Manhole
Gravity sewer;Manhole
Gravity sewer;Manhole
Gravity sewer;Manhole
Gravity sewer;Manhole
Gravity sewer;Manhole
Gravity sewer;Manhole
Gravity sewer;Manhole
Gravity sewer;Manhole
Gravity sewer;Other sewer system structure
Gravity sewer;Manhole
Gravity sewer;Manhole
Gravity sewer;Manhole
Other sewer system structure

8 clean out at beginning of mainline sewer.

Sewer Overflow from 4 C/O located in parking structure.

Overflow caused by Sewer Pump Station Power Failure.

Sewer Mainline Clean-Out, Lamphole.

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

Ended at LACFCD Storm Drain Pumpstation where it was flushed and vacuumed out by Ocean Blue Co. then returned t

Storm drain plugged which held the sewage. Ocean Blue Co. vacuumed up the sewage

All sewage recovered by Ocean Blue (Environmental Contractor)

5/24/2009 10:55	5/24/2009 10:55	5/24/2009 11:10	5/24/2009 11:55
6/6/2009 9:50	6/6/2009 9:50	6/6/2009 10:10	6/6/2009 10:30
6/4/2009 9:35	6/4/2009 9:35	6/4/2009 10:05	6/4/2009 10:10
6/7/2009 15:30	6/7/2009 15:30	6/7/2009 15:45	6/7/2009 16:20
6/14/2009 13:24	6/14/2009 13:24	6/14/2009 14:05	6/14/2009 14:20
8/4/2009 6:30	8/4/2009 6:30	8/4/2009 7:05	8/4/2009 0:00
8/17/2009 18:25	8/17/2009 18:25	8/17/2009 19:10	8/17/2009 19:15
8/21/2009 8:55	8/21/2009 8:55	8/21/2009 9:25	8/21/2009 9:30
9/1/2009 8:35	9/1/2009 8:35	9/1/2009 8:50	9/1/2009 9:05
9/14/2009 17:54	9/14/2009 17:54	9/14/2009 18:25	9/14/2009 18:35
9/18/2009 7:10	9/18/2009 7:10	9/18/2009 7:30	9/18/2009 7:35
9/22/2009 7:30	9/22/2009 7:30	9/22/2009 7:45	9/22/2009 8:05
10/7/2009 13:25	10/7/2009 13:25	10/7/2009 13:40	10/7/2009 13:55
10/10/2009 16:40	10/10/2009 16:40	10/10/2009 17:25	10/10/2009 17:30
10/24/2009 19:05	10/24/2009 19:05	10/24/2009 19:45	10/24/2009 21:30
11/12/2009 7:45	11/12/2009 7:45	11/12/2009 8:05	11/12/2009 8:15
11/19/2009 14:00	11/19/2009 14:00	11/19/2009 14:10	11/19/2009 14:20
11/24/2009 12:10	11/24/2009 12:10	11/24/2009 12:25	11/24/2009 12:30
11/26/2009 11:20	11/26/2009 11:20	11/26/2009 11:35	11/26/2009 12:05
12/31/2009 9:27	12/31/2009 9:27	12/31/2009 9:47	12/31/2009 9:53
1/9/2010 12:50	1/9/2010 12:50	1/9/2010 13:20	1/9/2010 13:30
1/12/2010 7:15	1/12/2010 7:15	1/12/2010 8:25	1/12/2010 8:35
1/16/2010 8:30	1/16/2010 8:30	1/16/2010 8:40	1/16/2010 9:10
1/22/2010 10:40	1/22/2010 10:40	1/22/2010 11:45	1/22/2010 11:50
1/29/2010 13:40	1/29/2010 13:40	1/29/2010 13:55	1/29/2010 14:20
1/31/2010 10:45	1/31/2010 10:45	1/31/2010 11:15	1/31/2010 11:30
2/21/2010 20:30	2/21/2010 20:30	2/21/2010 21:00	2/21/2010 21:50
3/20/2010 10:00	3/20/2010 10:00	3/20/2010 11:00	3/20/2010 11:05
4/11/2010 11:25	4/11/2010 11:25	4/11/2010 11:52	4/11/2010 12:00
4/14/2010 12:05	4/14/2010 12:05	4/14/2010 12:40	4/14/2010 13:50
5/13/2010 20:05	5/13/2010 20:05	5/13/2010 20:45	5/13/2010 21:15
5/31/2010 10:45	5/31/2010 10:45	5/31/2010 11:20	5/31/2010 11:25
6/15/2010 8:25	6/15/2010 8:25	6/15/2010 8:30	6/15/2010 8:40
6/17/2010 10:52	6/17/2010 10:52	6/17/2010 10:59	6/17/2010 11:06
7/2/2010 10:20	7/2/2010 10:20	7/2/2010 10:40	7/2/2010 10:45
7/6/2010 21:30	7/6/2010 21:30	7/6/2010 22:00	7/6/2010 22:10
7/16/2010 11:25	7/16/2010 11:25	7/16/2010 11:50	7/16/2010 11:55
7/24/2010 10:30	7/24/2010 10:30	7/24/2010 11:00	7/24/2010 11:10
8/16/2010 15:00	8/16/2010 15:00	8/16/2010 15:30	8/16/2010 15:55
10/9/2010 11:00	10/9/2010 11:00	10/9/2010 11:30	10/9/2010 11:30
11/6/2010 15:20	11/6/2010 15:20	11/6/2010 15:40	11/6/2010 16:30
11/7/2010 9:26	11/7/2010 9:26	11/7/2010 9:36	11/7/2010 10:45
11/19/2010 9:45	11/19/2010 9:45	11/19/2010 10:15	11/19/2010 10:30
12/5/2010 10:55	12/5/2010 10:55	12/5/2010 11:10	12/5/2010 11:52
12/7/2010 13:00	12/7/2010 13:00	12/7/2010 13:40	12/7/2010 13:45
12/24/2010 13:05	12/24/2010 13:05	12/24/2010 13:45	12/24/2010 13:55
1/4/2011 22:40	1/4/2011 22:40	1/4/2011 23:00	1/4/2011 23:25
1/15/2011 20:55	1/15/2011 20:55	1/15/2011 21:30	1/15/2011 21:55
1/21/2011 10:40	1/21/2011 10:40	1/21/2011 11:20	1/21/2011 11:25
1/23/2011 11:55	1/23/2011 11:55	1/23/2011 12:20	1/23/2011 12:25
1/28/2011 12:00	1/28/2011 12:00	1/28/2011 12:35	1/28/2011 12:40
1/29/2011 15:30	1/29/2011 15:30	1/29/2011 16:20	1/29/2011 16:30
1/29/2011 16:25	1/29/2011 16:25	1/29/2011 17:10	1/29/2011 20:20
2/6/2011 11:00	2/6/2011 11:00	2/6/2011 11:20	2/6/2011 12:10
2/14/2011 16:00	2/14/2011 16:00	2/14/2011 16:10	2/14/2011 17:00

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

Grease And Roots

Contractor inserted plug in mainline for by-pass.

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Other (specify below)
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Power Outage At Pump Station.

8	VCP
8	VCP
8	VCP
8	VCP
8	VCP
8	NRCP
8	VCP
8	VCP
8	VCP
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12	VCP
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12	VCP
8	VCP
12	NRCP
8	VCP
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87
94
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19
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32
79
106
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Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow;Returned all or portion of spill to sanit
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow;Returned all or portion of spill to sanit
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow;Returned all or portion of spill to sanit
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow;Returned all or portion of spill to sanit
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow;Returned all or portion of spill to sanit
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow;Returned all or portion of spill to sanit
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow;Returned all or portion of spill to sanit
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow;Returned all or portion of spill to sanit
Inspected sewer using CCTV to determine cause
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow;Returned all or portion of spill to sanit
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow;Returned all or portion of spill to sanit
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow;Returned all or portion of spill to sanit
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow;Returned all or portion of spill to sanit
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow;Returned all or portion of spill to sanit
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow;Returned all or portion of spill to sanit
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow;Returned all or portion of spill to sanit
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow;Returned all or portion of spill to sanit
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow;Returned all or portion of spill to sanit
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow;Returned all or portion of spill to sanit
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Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow;Returned all or portion of spill to sanit
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow;Returned all or portion of spill to sanit
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Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow;Returned all or portion of spill to sanit
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow;Returned all or portion of spill to sanit
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow;Returned all or portion of spill to sanit
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow;Returned all or portion of spill to sanit
Cleaned-up (mitigated effects of spill);Restored flow;Returned 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;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
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Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow;Returned all or portion of spill to sanit

5/24/2009 16:50
6/6/2009 13:50

6/14/2009 19:00

1/12/2010 12:00

1/22/2010 11:50

1/31/2010 13:00

6/15/2010 10:30

11/6/2010 21:45

1/29/2011 16:30

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;Enforcement action against FOG source

Other (specify below)

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

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

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

Relieved Stoppage, Returned Flow to mainline, Cleaned and Sawed, 261' of 8 VCP sewer main with (Smart Cutter) Root

No
Yes

Yes

Yes

Yes

No

No

No

No

No
No

No

Yes

No

No

No

No

No

NA
NA

NA

Colorado Lagoon

None

NA

NA

NA
NA

San Gabriel River

Colorado Lagoon

San Gabriel River

NA

NA

None Impacted.

None
None
None
None
None
None
None
None
None
None
None
None

Not applicable to this spill
Not applicable to this spill

Not applicable to this spill

Biological indicator(s) - specify below

No water quality samples taken

No water quality samples taken;Not applicable to this spill

No water quality samples taken;Not applicable to this spill

Not applicable to this spill

Not applicable to this spill

Coliform, Entercoccuss

Not applicable to this spill
Not applicable to this spill

Not applicable to this spill

County Health Agency

No water quality samples taken

No water quality samples taken;Not applicable to this spill

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

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

Not applicable to this spill

Long Beach Health Dept. Takes Samples and reports to all appropriate angencies.

93899	5/24/2009 15:38
94178	6/8/2009 12:15
94350	6/15/2009 8:50
95466	8/4/2009 9:00
95737	8/18/2009 11:33
95811	8/21/2009 10:45
96067	9/1/2009 14:07
96320	9/15/2009 9:50
96391	9/18/2009 11:08
96476	9/22/2009 11:37
96771	10/7/2009 15:29
96873	10/13/2009 7:33
97189	10/24/2009 23:58
97605	11/12/2009 13:15
97824	11/20/2009 5:53
97914	11/24/2009 14:45
98016	12/1/2009 5:25
98654	12/31/2009 11:45
100174	1/9/2010 15:45
100224	1/12/2010 9:30
100329	1/16/2010 11:50
100601	1/23/2010 1:54
100791	1/29/2010 16:00
100831	1/31/2010 13:30
101364	2/24/2010 5:53
101912	3/20/2010 13:35
102331	4/13/2010 7:30
102368	4/14/2010 15:25
102999	5/14/2010 6:23
103325	5/31/2010 12:06
103637	6/15/2010 10:40
103703	6/17/2010 13:35
104028	7/2/2010 13:40
104092	7/7/2010 7:45
104290	7/16/2010 13:33
104454	7/24/2010 15:05
104914	8/17/2010 7:40
106098	10/9/2010 13:10
106689	11/6/2010 18:36
106745	11/9/2010 9:36
106964	11/19/2010 12:52
107304	12/6/2010 8:25
107352	12/7/2010 15:45
107899	12/28/2010 6:50
110064	1/5/2011 6:52
110348	1/19/2011 8:20
110413	1/21/2011 13:20
110475	1/25/2011 9:40
110559	1/28/2011 14:20
110590	1/30/2011 14:00
110634	2/1/2011 10:55
110764	2/8/2011 5:50
110914	2/15/2011 13:32

4SSO11423	Active	763421	Robert C. Cheng	Certified
4SSO11423	Active	763759	Robert C. Cheng	Certified
4SSO11423	Active	763940	Robert C. Cheng	Certified
4SSO11423	Active	764209	Robert C. Cheng	Certified
4SSO11423	Active	765190	Robert C. Cheng	Certified
4SSO11423	Active	765672	Robert C. Cheng	Certified
4SSO11423	Active	766397	Robert C. Cheng	Certified
4SSO11423	Active	766835	Robert C. Cheng	Certified
4SSO11423	Active	767656	Robert C. Cheng	Certified
4SSO11423	Active	768252	Robert C. Cheng	Certified
4SSO11423	Active	768546	Robert C. Cheng	Certified
4SSO11423	Active	771119	Robert C. Cheng	Certified
4SSO11423	Active	775124	Robert C. Cheng	Certified
4SSO11423	Active	776259	Robert C. Cheng	Certified
4SSO11423	Active	776462	Robert C. Cheng	Certified
4SSO11423	Active	778552	Robert C. Cheng	Certified
4SSO11423	Active	778803	Robert C. Cheng	Certified
4SSO11423	Active	779529	Robert C. Cheng	Certified
4SSO11423	Active	780159	Robert C. Cheng	Certified
4SSO11423	Active	780513	Robert C. Cheng	Certified
4SSO11423	Active	780514	Robert C. Cheng	Certified
4SSO11423	Active	781079	Robert C. Cheng	Certified
4SSO11423	Active	781186	Robert C. Cheng	Certified
4SSO11423	Active	782545	Robert C. Cheng	Certified
4SSO11423	Active	782867	Robert C. Cheng	Certified
4SSO11423	Active	783588	Robert C. Cheng	Certified
4SSO11423	Active	785335	Robert C. Cheng	Certified
4SSO11423	Active	786939	Robert C. Cheng	Certified
4SSO11423	Active	787089	Robert C. Cheng	Certified
4SSO11423	Active	787227	Robert C. Cheng	Certified
4SSO11423	Active	787230	Robert C. Cheng	Certified
4SSO11423	Active	788409	Robert C. Cheng	Certified
4SSO11423	Active	788568	Robert C. Cheng	Certified
4SSO11423	Active	789497	Robert C. Cheng	Certified
4SSO11423	Active	790006	Robert C. Cheng	Certified
4SSO11423	Active	790284	Robert C. Cheng	Certified
4SSO11423	Active	791484	Tai Tseng	Certified
4SSO11423	Active	791633	Tai Tseng	Certified
4SSO11423	Active	791748	Tai Tseng	Certified
4SSO11423	Active	792516	Tai Tseng	Certified
4SSO11423	Active	792923	Tai Tseng	Certified
4SSO11423	Active	793074	Tai Tseng	Certified
4SSO11423	Active	793170	Tai Tseng	Certified
4SSO11423	Active	795774	Tai Tseng	Certified
4SSO11423	Active	795871	Tai Tseng	Certified
4SSO11423	Active	796004	Tai Tseng	Certified
4SSO11423	Active	796459	Tai Tseng	Certified
4SSO11423	Active	796959	Tai Tseng	Certified
4SSO11423	Active	797885	Tai Tseng	Certified
4SSO11423	Active	798403	Tai Tseng	Certified
4SSO11423	Active	798407	Tai Tseng	Certified
4SSO11423	Active	798412	Tai Tseng	Certified
4SSO11423	Active	799097	Tai Tseng	Certified
4SSO11423	Active	799340	Tai Tseng	Certified
4SSO11423	Active	800527	Tai Tseng	Certified

Deputy General Manager - Operations
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Long Beach Water Department	400556
Long Beach Water Department	848163
Long Beach Water Department	548968
Long Beach Water Department	220509
Long Beach Water Department	919029
Long Beach Water Department	509249
Long Beach Water Department	277627
Long Beach Water Department	394344
Long Beach Water Department	647260
Long Beach Water Department	457859
Long Beach Water Department	795503
Long Beach Water Department	465515
Long Beach Water Department	366960
Long Beach Water Department	687367
Long Beach Water Department	544990
Long Beach Water Department	134654
Long Beach Water Department	525799
Long Beach Water Department	346976
Long Beach Water Department	584236
Long Beach Water Department	811888
Long Beach Water Department	706798
Long Beach Water Department	688197
Long Beach Water Department	631313
Long Beach Water Department	842433
Long Beach Water Department	867238
Long Beach Water Department	116484
Long Beach Water Department	966151
Long Beach Water Department	183706
Long Beach Water Department	197075
Long Beach Water Department	876265
Long Beach Water Department	830170
Long Beach Water Department	326812
Long Beach Water Department	541370
Long Beach Water Department	135617
Long Beach Water Department	837645
Long Beach Water Department	742754
Long Beach Water Department	407391
Long Beach Water Department	736412
Long Beach Water Department	696723
Long Beach Water Department	683094
City of Long Beach	344647
City of Long Beach	109852
City of Long Beach	669791
Long Beach Water Department	653352
Long Beach Water Department	115115
Long Beach Water Department	511722
Long Beach Water Department	440066
Long Beach Water Department	978981
Long Beach Water Department	892603
Long Beach Water Department	637577
Long Beach Water Department	584510
Long Beach Water Department	746735
Long Beach Water Department	482020
Long Beach Water Department	205785
Long Beach Water Department	562139

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

Category 3		195	195
Category 3		250	250
Category 3		90	90
Category 3		258	258
Category 3		875	875
Category 3		100	100
Category 3		490	490
Category 3		540	540
Category 3		200	200
Category 3		20	20
Category 3		150	150
Category 3		820	820
Category 3		500	500
Category 3		130	130
Category 3		80	80
Category 3		350	350
Category 1		400	0
Category 3		100	100
Category 3		120	120
Category 3		60	60
Category 3		375	375
Category 3		850	850
Category 3		50	50
Category 3		100	100
Category 3		875	875
Category 3		100	100
Category 3		114	114
Category 3		300	300
Category 3		110	110
Category 3		84	84
Category 3		315	315
Category 2		1875	1875
Category 3		45	45
Category 3		57	57
Category 2		2580	2580
Category 3		50	50
Category 3		125	125
Category 3		50	50
Category 3		210	210
Category 3		75	75
Category 3		200	200
Category 3		60	0
Category 3		150	150
Category 3		40	40
Category 3		175	175
Category 3		20	20
Category 3		105	105
Category 3		40	40
Category 3		130	130
Category 1		875	625
Category 3	600	600	600
Category 3		366	0
Category 3	100	100	100
Category 3	300	300	300
Category 3	550	550	550

0	No	Yes
0	No	Yes
0	No	No
0	No	Yes
0	No	Yes
0	No	No
0	No	Yes
0	No	Yes
0	No	Yes
0	No	No
0	No	No
0	No	No
0	No	No
0	No	No
0	No	No
0	No	Yes
400	Yes	Yes
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0	No	Yes
0	No	No
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0	No	Yes
0	No	Yes
0	No	Yes
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0	No	Yes
0	No	No
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0	No	No
0	No	Yes
0	No	No
0	No	No
0	No	No
0	No	No
0	No	Yes
0	No	No
0	No	Yes
250	Yes	No
0	No	No
0	No	No
0	No	No
0	No	No
0	No	No

Yes
Yes
Not Applicable - Spill did not reach a separate storm drainpipe
Yes
Yes
Not Applicable - Spill did not reach a separate storm drainpipe
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33.780753	-118.170318	Los Angeles
33.777343	-118.104566	Los Angeles
33.855309	-118.182968	Los Angeles
33.846713	-118.176039	Los Angeles
33.786254	-118.195709	Los Angeles
33.778872	-118.188014	Los Angeles
33.85798	-118.190295	Los Angeles
33.790651	-118.220241	Los Angeles
33.789939	-118.194444	Los Angeles
33.76101	-118.124784	Los Angeles
33.827748	-118.199272	Los Angeles
33.793647	-118.137058	Los Angeles
33.83996	-118.178053	Los Angeles
33.8006	-118.10167	Los Angeles
33.78114	-118.2019	Los Angeles
33.783417	-118.116705	Los Angeles
33.753046	-118.195212	Los Angeles
33.866378	-118.16872	Los Angeles
33.829704	-118.196973	Los Angeles
33.762463	-118.137848	Los Angeles
33.793643	-118.137054	Los Angeles
33.79177	-118.216644	Los Angeles
33.766573	-118.188305	Los Angeles
33.79161	-118.223415	Los Angeles
33.791676	-118.168719	Los Angeles
33.798722	-118.186649	Los Angeles
33.791223	-118.213924	Los Angeles
33.82523	-118.11697	Los Angeles
33.793036	-118.212142	Los Angeles
33.824214	-118.176854	Los Angeles
33.879706	-118.203832	Los Angeles
33.78558	-118.16012	Los Angeles
33.80496	-118.19881	Los Angeles
33.865582	-118.16872	Los Angeles
33.8108	-118.09191	Los Angeles
33.78556	-118.20878	Los Angeles
33.76816	-118.15234	Los Angeles
33.77575	-118.15695	Los Angeles
33.79267	-118.14433	Los Angeles
33.77198	-118.20098	Los Angeles
33.78421	-118.17772	Los Angeles
33.79169	-118.20896	Los Angeles
33.86487	-118.15159	Los Angeles
33.75898	-118.13262	Los Angeles
33.84466	-118.18861	Los Angeles
33.84145	-118.19721	Los Angeles
33.84192	-118.17537	Los Angeles
33.85655	-118.18998	Los Angeles
33.80239	-118.19145	Los Angeles
33.78448	-118.12446	Los Angeles
33.79354	-118.13693	Los Angeles
33.82763	-118.18067	Los Angeles
33.77325	-118.16139	Los Angeles
33.75523	-118.12848	Los Angeles
33.79251	-118.09972	Los Angeles

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

Not Applicable

N/A
Not applicable

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

Alley

L.A.C.F.C.D. Pump Station Forebay

Drainage Channel

2/20/2011 11:15	2/20/2011 11:15	2/20/2011 12:00	2/20/2011 12:05
2/25/2011 10:30	2/25/2011 10:30	2/25/2011 11:00	2/25/2011 11:20
3/1/2011 20:45	3/1/2011 20:45	3/1/2011 21:05	3/1/2011 22:15
3/9/2011 8:00	3/9/2011 8:00	3/9/2011 8:30	3/9/2011 9:00
4/5/2011 16:20	4/5/2011 16:20	4/5/2011 16:50	4/5/2011 16:55
4/20/2011 16:10	4/20/2011 16:10	4/20/2011 16:20	4/20/2011 16:30
5/11/2011 20:30	5/11/2011 20:30	5/11/2011 20:50	5/11/2011 21:40
5/22/2011 9:30	5/22/2011 9:30	5/22/2011 10:30	5/22/2011 11:45
6/18/2011 11:40	6/18/2011 11:40	6/18/2011 12:20	6/18/2011 12:30
7/8/2011 10:30	7/8/2011 10:30	7/8/2011 10:40	7/8/2011 10:50
7/15/2011 10:35	7/15/2011 10:35	7/15/2011 10:45	7/15/2011 10:45
9/15/2011 19:03	9/15/2011 19:03	9/15/2011 19:25	9/15/2011 20:25
1/2/2012 11:40	1/2/2012 11:40	1/2/2012 12:25	1/2/2012 12:30
1/22/2012 4:40	1/22/2012 4:45	1/22/2012 5:00	1/23/2012 5:06
1/26/2012 1:36	1/26/2012 1:36	1/26/2012 2:00	1/26/2012 2:16
3/9/2012 9:30	3/9/2012 9:30	3/9/2012 10:00	3/9/2012 10:05
3/18/2012 15:40	3/18/2012 15:40	3/18/2012 16:10	3/18/2012 16:20
4/4/2012 12:20	4/4/2012 12:20	4/4/2012 12:35	4/4/2012 12:45
4/15/2012 11:00	4/15/2012 11:00	4/15/2012 11:25	4/15/2012 12:00
4/22/2012 11:15	4/22/2012 11:15	4/22/2012 12:05	4/22/2012 12:15
4/22/2012 20:50	4/22/2012 20:50	4/22/2012 21:30	4/22/2012 22:05
5/8/2012 22:10	5/8/2012 22:10	5/8/2012 23:10	5/9/2012 1:00
5/10/2012 13:20	5/10/2012 13:20	5/10/2012 13:30	5/10/2012 13:30
6/26/2012 11:35	6/26/2012 11:35	6/26/2012 11:45	6/26/2012 12:00
7/1/2012 21:00	7/1/2012 21:00	7/1/2012 21:30	7/1/2012 21:35
7/13/2012 19:40	7/13/2012 19:40	7/13/2012 20:00	7/13/2012 20:30
8/18/2012 14:00	8/18/2012 14:00	8/18/2012 14:40	8/18/2012 15:00
10/3/2012 20:30	10/3/2012 20:30	10/3/2012 21:00	10/3/2012 21:50
10/9/2012 19:30	10/9/2012 20:00	10/9/2012 20:40	10/9/2012 21:20
10/13/2012 15:20	10/13/2012 15:20	10/13/2012 15:40	10/13/2012 15:55
10/14/2012 13:10	10/14/2012 13:10	10/14/2012 13:40	10/14/2012 13:55
11/25/2012 11:00	11/25/2012 11:00	11/25/2012 12:00	11/25/2012 12:15
11/27/2012 11:10	11/27/2012 11:10	11/27/2012 11:18	11/27/2012 11:19
12/27/2012 16:30	12/27/2012 16:30	12/27/2012 16:45	12/27/2012 17:00
1/8/2013 17:50	1/8/2013 21:40	1/8/2013 22:00	1/8/2013 22:50
1/14/2013 11:49	1/14/2013 11:49	1/14/2013 12:09	1/14/2013 12:14
2/8/2013 15:00	2/8/2013 15:00	2/8/2013 15:15	2/8/2013 15:25
2/12/2013 9:10	2/12/2013 9:10	2/12/2013 9:20	2/12/2013 10:00
2/15/2013 10:10	2/15/2013 10:10	2/15/2013 10:30	2/15/2013 10:45
3/6/2013 18:55	3/6/2013 18:55	3/6/2013 19:10	3/6/2013 19:30
3/25/2013 10:10	3/25/2013 10:10	3/25/2013 10:30	3/25/2013 10:40
3/30/2013 16:45	3/30/2013 16:45	3/30/2013 17:00	3/30/2013 17:10
4/3/2013 11:00	4/3/2013 11:00	4/3/2013 11:30	4/3/2013 11:35
6/18/2013 15:25	6/18/2013 15:25	6/18/2013 15:40	6/18/2013 15:46
6/20/2013 8:45	6/20/2013 8:45	6/20/2013 9:00	6/20/2013 9:10
6/23/2013 15:30	6/23/2013 15:30	6/23/2013 15:45	6/23/2013 16:00
6/29/2013 12:00	6/29/2013 12:00	6/29/2013 12:15	6/29/2013 12:35
7/17/2013 15:45	7/17/2013 15:45	7/17/2013 16:04	7/17/2013 16:09
8/14/2013 8:09	8/14/2013 8:09	8/14/2013 8:25	8/14/2013 8:35
8/30/2013 16:00	8/30/2013 16:00	8/30/2013 16:35	8/30/2013 16:40
8/31/2013 10:15	8/31/2013 10:15	8/31/2013 11:10	8/31/2013 11:15
9/2/2013 19:15	9/2/2013 20:10	9/2/2013 20:10	9/2/2013 20:15
9/24/2013 18:30	9/24/2013 18:30	9/24/2013 19:00	9/24/2013 19:10
9/28/2013 9:38	9/28/2013 9:38	9/28/2013 10:04	9/28/2013 10:45
11/3/2013 11:50	11/3/2013 11:50	11/3/2013 12:45	11/3/2013 12:50

Grease deposition (FOG)
Grease deposition (FOG)
Grease deposition (FOG)
Grease deposition (FOG)
Grease deposition (FOG)
Debri-General
Grease deposition (FOG)
Grease deposition (FOG)
Grease deposition (FOG)
Grease deposition (FOG)
Debri-General
Other (specify below)
Grease deposition (FOG)
Grease deposition (FOG)
Grease deposition (FOG)
Grease deposition (FOG)
Grease deposition (FOG)
Grease deposition (FOG)
Root intrusion
Root intrusion
Root intrusion
Grease deposition (FOG)
Operator error
Debri-Rags
Grease deposition (FOG)
Grease deposition (FOG)
Grease deposition (FOG)
Grease deposition (FOG)
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Grease deposition (FOG)
Root intrusion
Grease deposition (FOG)
Other (specify below)
Grease deposition (FOG)
Root intrusion
Grease deposition (FOG)
Grease deposition (FOG)
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Grease deposition (FOG)
Grease deposition (FOG)
Grease deposition (FOG)
Root intrusion
Root intrusion
Root intrusion
Grease Deposition (FOG)
Debris-General
Root Intrusion

Grease and Roots Combined.

L.B.W.D. Sewer Contractor By-Pass Pump Failure. During Manhole Rehabilitation.

Broken 8 CP sewer main

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

Sewer Manhole.

	8 VCP
	8 VCP
	12 VCP
	8 VCP
	8 CP
	8 VCP
	10 VCP
	8 VCP
	8 CP
	8 VCP
	8 VCP
	8 VCP
	8 VCP
	8 VCP
	8 VCP
	8 VCP
	8 VCP
	8 VCP
	8 VCP
	10 VCP
	12 VCP
	8 VCP
	8 CP
	8 VCP
	8 VCP
	8 VCP
	8 V.C.P.
	8 VCP
	8 VCP
	8 VCP
	8 VCP
	15 V.C.P.
	8 V.C.P.
	8 V.C.P.
	8 V.C.P.
	8 V.C.P.
	8 CP
	8 V.C.P.
	8 V.C.P.
	8 V.C.P.
	8 V.C.P.
	8 V.C.P.
	8 V.C.P.
	8 V.C.P.
No	8 V.C.P.
	8
No	8 V.C.P.
No	8 V.C.P.
No	8 VCP

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89

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34

12

64

92

69
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82

68
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110
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86
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79
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83

80

59
840

1140
1068
720

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

Contractor restored power to By-Pass Pump.

3/18/2012 16:20

11/25/2012 17:00

1/9/2013 7:00

8/31/2013 10:00

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

Adjusted schedule/method of preventive maintenance

Adjusted schedule/method of preventive maintenance

Plan rehabilitation or replacement of sewer

No

No

No

No

No

No

No

No

None

None

None
None

None
None
None
None
None
None
None
None
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None
None
None
None
N/A
N/A
None
Pacific Ocean
None
None
None
None
None
None
None
None
None
None
None
None
None
None
None
Not Applicable
None
None
Not Applicable
None
None
Not applicable
None
None
None
None
None
None
None
None
None
None
None
None
None

None

No water quality samples taken

Not applicable to this spill

Not applicable to this spill

No water quality samples taken

None of the above;No water quality samples taken

Not applicable to this spill

Not applicable to this spill

None of the above

111097	2/23/2011 7:17
111172	2/25/2011 13:17
111264	3/2/2011 5:46
111428	3/9/2011 9:53
112208	4/6/2011 5:00
112512	4/20/2011 18:55
112933	5/12/2011 8:25
113123	5/22/2011 0:00
113703	6/21/2011 5:02
114094	7/8/2011 13:17
114231	7/15/2011 13:04
115502	9/16/2011 5:10
120026	1/3/2012 9:15
120453	1/23/2012 8:30
120549	1/26/2012 3:00
121358	3/9/2012 11:45
121609	3/18/2012 18:09
121993	4/4/2012 13:37
122238	4/15/2012 15:30
122394	4/22/2012 13:08
122401	4/22/2012 23:27
122751	5/9/2012 3:25
122795	5/10/2012 15:57
123713	6/26/2012 14:03
123834	7/2/2012 0:23
124085	7/13/2012 20:10
124912	8/18/2012 20:03
125979	10/4/2012 9:10
126092	10/9/2012 22:30
126189	10/13/2012 22:43
126196	10/14/2012 14:45
127110	
127161	11/27/2012 14:45
127957	12/28/2012 6:00
130171	1/9/2013 10:50
130304	1/15/2013 7:45
130849	2/8/2013 16:29
	2/13/2013 5:45
131000	2/15/2013 14:20
131391	3/6/2013 21:10
131803	3/25/2013 14:25
131935	3/31/2013 12:10
132007	4/4/2013 8:10
133716	6/19/2013 8:15
133750	6/20/2013 13:25
133821	6/24/2013 9:15
133997	6/29/2013 14:30
134421	7/18/2013 8:30
135030	8/15/2013 8:54
135437	8/30/2013 17:49
135488	9/3/2013 5:30

Joe Quiroz, WUS2	5625702440
Joe Quiroz- WUSII	5625702440
Joe Quiroz - Sewer Operations Supervisor	5625702440
Joe Quiroz Water Utility Supervisor	5625702440

4SSO11423	Active	800532	Tai Tseng	Certified
4SSO11439	Active	650095	Jeff Bouse	Certified
4SSO11439	Active	650111	Jeff Bouse	Certified
4SSO11439	Active	755472	Nicholas A. Agbobu	Certified
4SSO11439	Active	801164		Ready To Certify
4SSO11447	Active	651334	Nicholas Agbobu	Certified
4SSO11447	Active	653412	Nicholas Agbobu	Certified
4SSO11447	Active	654979	Nicholas Agbobu	Certified
4SSO11447	Active	656205	Nicholas Agbobu	Certified
4SSO11447	Active	706082	Nicholas Agbobu	Certified
4SSO11447	Active	706719	Nicholas Agbobu	Certified
4SSO11447	Active	723037	Nicholas Agbobu	Certified
4SSO11447	Active	726992	Nicholas Agbobu	Certified
4SSO11447	Active	736581	Nicholas A. Agbobu	Certified
4SSO11447	Active	789096	Nicholas A. Agbobu	Certified
4SSO11447	Active	793755	Nicholas A. Agbobu	Certified
4SSO11447	Active	796270	Nicholas A. Agbobu	Certified
4SSO11447	Active	798906	Nicholas A. Agbobu	Certified
4SSO11447	Active	800723		Submit Draft
4SSO11459	Active	756564	Bill Kupfer	Certified
4SSO11459	Active	764941	Bill Kupfer	Certified
4SSO11459	Active	780811	Bill Kupfer	Certified
4SSO11479	Active	762691	Roy Calzada	Certified
4SSO11540	Active	755978	Bert J. Rapp	Certified
4SSO11540	Active	756010		Ready To Certify
4SSO11540	Active	761340		Ready To Certify
4SSO11540	Active	785613	Stephen R. Stuart	Certified
5SSO10713	Active	657578	Lewis R. Nelson	Certified
5SSO10713	Active	706412	Lewis R. Nelson	Certified
5SSO10713	Active	706417	Lewis R. Nelson	Certified
5SSO10713	Active	710219	Richard Bono	Certified
5SSO10713	Active	710220	rbono	Certified
5SSO10713	Active	710221	rbono	Certified
5SSO10713	Active	712269	Richard Bono	Certified
5SSO10713	Active	712280	Richard Bono	Certified
5SSO10713	Active	712288	Richard Bono	Certified
5SSO10713	Active	712300	Richard Bono	Certified
5SSO10713	Active	712307	Richard Bono	Certified
5SSO10713	Active	712628	Richard Bono	Certified
5SSO10713	Active	716155	Richard Bono	Certified
5SSO10713	Active	722178	Richard Bono	Certified
5SSO10713	Active	724166	Richard Bono	Certified
5SSO10713	Active	727791	Richard Bono	Certified
5SSO10713	Active	728513	Richard Bono	Certified
5SSO10713	Active	729824	Richard Bono	Certified
5SSO10713	Active	731278	Richard Bono	Certified
5SSO10713	Active	743776	Richard Bono	Certified
5SSO10713	Active	744413	Richard Bono	Certified
5SSO10713	Active	750620	Richard Bono	Certified
5SSO10713	Active	750634	Richard Bono	Certified
5SSO10713	Active	750854	Richard Bono	Certified
5SSO10713	Active	753297	Richard Bono	Certified
5SSO10713	Active	753298	Richard Bono	Certified
5SSO10713	Active	753301	Richard Bono	Certified
5SSO10713	Active	753974	Richard Bono	Certified

Director of Operations
Senior Civil Engineer
Senior Civil Engineer
Senior Civil Engineer

Senior Civil Engineer
Senior Civil Engineer
Senior Civil Engineer
Senior Civil Engineer
Senior Civil Engineer
Senior Civil Engineer
Senior Civil Engineer
Senior Civil Engineer
Senior Civil Engineer
Senior Civil Engineer
Senior Civil Engineer
Senior Civil Engineer

Director EH&S Risk
Director EH&S, RIsk
Director Envt, Safety, Risk Mgmt.
Supervisor of Bldg Trades
Public Works Director

City Building Official
Public Works Director
Public Works Director
Public Works Director
WWTP Superintendent
superintendent
Superintendent
WWTP Manager
WWTP Superintendent
WWTP Superintendent
Superintendent
superintendent
Superintendent
Wastewater treatment Plant Superintendent
WWTP Manager
Wastewater Manager
WWTP Manager
WWTP Manager
WWTP Manager
WWTP Manager
WWTP Manager
WWTP Manager
WWTP Manager
WWTP Manager
WWTP Manager
WWTP Manager
WWTP Manager
WWTP Manager

Long Beach Water Department		726393
Alhambra		805774
Alhambra		108964
Alhambra		365108
Alhambra		701977
Alhambra		620549
Alhambra		349628
Alhambra		129065
Alhambra		223409
Alhambra		207940
Alhambra		439273
Alhambra		472770
Alhambra		152175
Alhambra		124462
Alhambra		876803
Alhambra		978681
Alhambra		345831
CSUCI, Ventura		909891
CSUCI		835335
Camarillo CA		312754
VYCF		898106
City of Fillmore		686935
Fillmore		682517
3981 S. K St. Tulare CA 93274		639018
Tulare CA 12:55		365427
Tulare CA 13:06		160922
WWTP		339297
WWTP		793558
WWTP		667531
Tulare CA		689329
WWTP		152759
WWTP		967351
WWTP		639078
WWTP		105241
WWTP		322735
City of Tulare		674180
Tulare WWTP		106614
	8/4/2008	975554
Tulare WWTP		672607
City of Tulare WWTP		317209
City of Tualre WWTP		450904
Wastewater Plant		771568
Tulare WWTP		227411
Tulare WWTP		488986
Tulare WWTP		822118
Tulare WWTP		314722
Tulare WWTP		438493
Tulare WWTP		377105
Tulare WWTP		712014
Tulare WWTP		112337
Tulare WWTP		587682

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

Category 3	450	450	450
Category 1		1000	0
Category 3		300	0
Category 3		40	0
Category 3	150	150	0
Category 1		800	0
Category 1		3000	500
Category 1		200	0
Category 3		200	100
Category 1		300	205
Category 3		300	300
Category 1		1100	50
Category 1		150	25
Category 1		160	0
Category 3		100	40
Category 1		100	0
Category 1		1200	0
Category 3	30	30	25
Category 1	0	4500	3500
Category 2		1000	1000
Category 2		2200	2200
Category 2		15000	15000
Category 1		150	0
Category 3		50	50
Category 3		50	50
Category 3		150	150
Category 3		50	50
Category 1		100	25
Category 1		100	30
Category 1		240	0
Category 3		900	900
Category 3		150	150
Category 3		160	
Category 3		700	700
Category 3		800	
Category 3		500	
Category 3		300	
Category 3		300	
Category 3		600	
Category 3		150	150
Category 3		500	500
Category 2		1500	1500
Category 3		200	200
Category 3		100	0
Category 3		100	100
Category 3		300	300
Category 3		75	75
Category 2		3000	3000
Category 2		1000	1000
Category 3		300	300
Category 3		40	40
Category 3		100	100
Category 3		50	50
Category 3		300	300
Category 3		850	850

0	No	No
1000	Yes	Yes
	No	No
0	No	No
0	No	No
800	Yes	Yes
2500	Yes	Yes
200	Yes	Yes
0	No	No
95	Yes	Yes
	No	No
1050	Yes	Yes
125	Yes	Yes
160	Yes	Yes
0	No	No
100	Yes	Yes
1200	Yes	Yes
0	No	No
1000	Yes	Yes
0	No	No
0	No	No
0	No	No
20	Yes	Yes
0	No	Yes
0	No	Yes
0	No	No
0	No	Yes
75	No	Yes
70	No	Yes
240	No	Yes
	No	No
	No	No
	No	No
0	No	No
	No	No
	No	No
	No	No
	No	No
	No	No
0	No	No
0	No	No
0	No	Yes
0	No	No
0	No	No
0	No	No
0	No	No
0	No	Yes
0	No	Yes
0	No	No
0	No	No
0	No	No
0	No	No
0	No	No
0	No	No
0	No	Yes

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

City of Long Beach
23639 Long Valley Road
23617 Long Valley Road - Cleanout
1191-24529 Deepwell Road (Clean-out)
Spring Valley Arena, Hidden Hills, CA
1231-0345
1231-0337
1231-0255
1153-0090
1118 - 0026
1192-0145
1231-0380 (Floodout)
1152-0030
1192-0018
1192 - 3544 Mesquite Drive
1231-0195
1118-0022
1192 - Floodout (4411 Park Mallorca)
2392-0111 (2828 Steeplechase Lane, Diamond Bar)
Be;; Tower East first floor
Basement under Channel Islands Cafe area
North Quad unoccupied space basement/crawlspace
Ventura Youth Correctional Corporation yard
Hwy 126
Spill on Highway 126
Highway 126 and E st
Yucca Drive MH id-50880
I St. 9/16/07
226 W. Owens
Los Angeles/West Alley @ King
219 South C street
331 South I street
Cedar and U
Center street and Ventura
B and C alley
P and Q alley
557 East Pleasant Ave
G and F alley at Cross st
Los Angeles and West Alley
B and C alley
U and Cedar
Olema and San Diego St.
1300 block of San Joaquin st
139 North Sacramento st
Alley between E street and F street @ Cross Avenue
F and G Alley at Camron st.
D and E alley at Kern Street
1300 block of West King st
37 South Tower Square Tulare CA. 93274
1517 East sandalwood
1822 West Shasta
1311 West San Joaquin Street Tulare CA 93274
465 West Sonora Street Tulare Ca 93274
930 Centenial Court Tulare CA 93274
1327 West King street

33.76565	-118.18713	Los Angeles
34.159678	118.641928	Los Angeles
34.15980164	118.6423395	Los Angeles
34.16794867	-118.6625717	Los Angeles
34.172488	-118.659124	Los Angeles
34.145836	118.61056	Los Angeles
34.145836	118.611946	Los Angeles
34.14639	118.61305	Los Angeles
34.136948	118.67528	Los Angeles
34.14174584	118.7145834	Los Angeles
34.14264106	118.6598847	Los Angeles
34.13415156	118.6145388	Los Angeles
34.15947123	118.6954351	Los Angeles
34.13296709	-118.6477836	Los Angeles
34.131966	-118.643932	Los Angeles
34.14418087	-118.6233472	Los Angeles
34.14009704	-118.7135348	Los Angeles
34.14793	-118.64288	Los Angeles
33.97368	-117.8348	Los Angeles
34.16168	-119.04309	Ventura
34.16046	-119.04153	Ventura
34.16441	-119.04388	Ventura
34.24157	-119.0988	Ventura
34.39576	-118.92132	Ventura
34.39581	-118.92126	Ventura
34.39384	-118.93666	Ventura
34.40474	-118.92094	Ventura
36.205	119.35	Tulare
36.2038	-119.3505	Tulare
36.2076	-119.3662	Tulare
36.2037	119.3576	Tulare
36.2043	-119.3494	Tulare
36.1996	-119.3318	Tulare
36.205	-119.3381	Tulare
36.2038	-119.3577	Tulare
36.1967	-119.3378	Tulare
36.2183	-119.3426	Tulare
36.2122	-119.3538	Tulare
36.2077	-119.3662	Tulare
36.2038	-119.3574	Tulare
36.1996	-119.3318	Tulare
36.2127	-119.3659	Tulare
36.2089	-119.3662	Tulare
36.2068	-119.3628	Tulare
36.2121	-119.3551	Tulare
36.2142	-119.3541	Tulare
36.2066	-119.3555	Tulare
36.2076	-119.3656	Tulare
36.20861	-119.34732	Tulare
36.216667	-119.316667	Tulare
36.202778	-119.366667	Tulare
36.20881	-119.36602	Tulare
36.20137	-119.35299	Tulare
36.21936	-119.3172	Tulare
36.2075	-119.36661	Tulare

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CSMD Map Sheet 1191 Long Valley Pump Station MMS No. 2731654B
CSMD Map Sheet 1191 Long Valley Pump Station MMS No. 2731654A Related to SSO event ID: 650095
CSMD Mapsheet 1191 Clean-out MMS No. 4267398
Manhole overflow in horse arena property
CSMD Map Sheet 1231 Manhole 345 MMS No. 2752554
CSMD Mapsheet 1231 Manhole 337 MMS No. 2789752
CSMD Mapsheet 1231 Manhole 255 MMS No. 2814062
CSMD Mapsheet 1153 Manhole 90 MMS No. 2832879
CSMD Mapsheet 1118 Manhole 26 MMS No. 2874509
CSMD Mapsheet 1192 Manhole 145 MMS No. 2881836
CSMD Mapsheet 1231 Manhole 380 (Floodout) MMS No. 3092288
CSMD Mapsheet 1152 Manhole 30 MMS No. 3141396
CSMD Mapsheet 1192 Manhole 18 MMS No. 3268459
CSMD Map Sheet No. 1192 MMS No. 4822137B
CSMD Mapsheet No. 1231 Manhole No. 195 MMS No. 4884981
CSMD Mapsheet No. 1118 Manhole No. 22 MMS No. 4913447
CSMD Mapsheet No. 1192 MMS No. 4955604
CSMD Mapsheet No. 2392 Manhole No. 111 MMS No. 4978153
First floor of Bell Tower East building
Basement of building
North quad unoccupied space basement
The sewage leak spilled approximatrely 100 - 200 gallons if liquid waste. The liquid was absorbed into the ground soil. Sli
The spill was located west bound slow lane of the 126 highway approximately 350 feet east of B St.
Spill occured from manhole west bound slow of Hwy 126
Spill was coming from a manhole located off the highway on private property. The
MH id-50800, 347 South of 3rd Street
Manhole in front of address.
Manhole in the alley between G and H Streets
Manhole in the alley between Los Angeles and West on King Ave.
B/C alley cross street of Inyo
H/I alley by 331 South I st

Los Angeles ande And West St. Alley at King street
In the alley between B and C street

Man hole in alley way of 1300 block of San Joaquin street
Spill was in residents back yard. Spill cause was from grease in City's main. REsident had cleanout open in back yard. Sp
Spill was at manhole in alley

sewage coming out of manhole
alleyway Bordered by Tulare, San Joaquin, J street and K street

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ght spill into the storm drain.

ill was confined to back yard trench.

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

Underground force main break at road curb.
Clean-out
Plumbing Trouble (Clean-out)

Spillage was due to aging sewer main lateral cracks in upper section of steel pipe.

spill appeared in backyard next to the clean out that the owner had opened

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

Spilled into storm drain outletting into Calabasas Creek lined channel.
Spill absorbed into the ground around the clean-out.
Flowerbed
Percolated into soil
Spill entered storm drain 1424 outletting into natural terrain.
Spill entered storm drain at 4231 Balcony Drive, which flowed to PD 408 outletting into natural terrain.
Spill entered storm drain at the Northwest corner of Freedom Drive and Mulholland Highway to PD 408, where flow seepe

Spill entered storm drain, which flows to PD 404 outletting into natural terrain.
Spill was diverted into Manhole 144.
Spill overflowed from manhole #380 into storm drain, which leads to natural drainage course. Also, spill went into the cor
Spill entered storm drain at North side of Thousand Oaks Blvd. to catch basin, 500 ft West of Parkmor Rd., which leads t
Spill overflowed from manhole (18) and flowed into catch basin, which leads to natural drainage course.

Bell Creek
Flood Control catch basin
Spill flowed into complainants front yard patio and absorbed into dirt.
Spill overflowed from Manhole No. 111 into flood control catch basin, which leads to private drain 676.
Spill was primarily contained in building and cleaned up and returned into sanitary sewer. Smaller portion of spill in soil w
Spill was contained in building and returned into the sanitary sewer
Spill pumped into tanker truck and disposed to sewer.
On 6/4/08 an area of 3 ft x 3 ft was dug out and replaced with new soil via a contractor hired to make repairs and provic

final destination was the back yard trench that the home owner had dug

11/3/2013 12:30	11/3/2013 12:30	11/3/2013 1:15	11/3/2013 1:30
5/1/2007 19:44	5/1/2007 19:44	5/1/2007 20:00	5/1/2007 20:00
4/30/2007 17:09	4/30/2007 17:15	4/30/2007 19:30	4/30/2007 21:30
7/20/2010 16:42	7/20/2010 16:45	7/20/2010 17:49	7/20/2010 18:08
11/26/2013 9:00	11/26/2013 9:30	11/26/2013 10:30	11/26/2013 11:00
6/2/2007 15:10	6/2/2007 17:55	6/2/2007 19:55	6/2/2007 20:10
7/1/2007 9:09	7/1/2007 10:05	7/1/2007 11:05	7/1/2007 12:30
7/26/2007 11:00	7/26/2007 11:05	7/26/2007 11:40	7/26/2007 11:45
8/21/2007 17:15	8/21/2007 17:15	8/21/2007 18:30	8/21/2007 18:45
10/19/2007 10:15	10/19/2007 10:15	10/19/2007 12:10	10/19/2007 12:41
10/26/2007 8:00	10/26/2007 8:00	10/26/2007 9:30	10/26/2007 9:45
7/19/2008 15:08	7/19/2008 15:30	7/19/2008 17:40	7/19/2008 18:15
9/26/2008 8:43	9/26/2008 8:54	9/26/2008 10:10	9/26/2008 10:20
4/20/2009 10:05	4/20/2009 10:05	4/20/2009 11:15	4/20/2009 12:15
12/12/2012 0:00	12/12/2012 0:30	12/12/2012 2:45	12/12/2012 9:30
4/28/2013 9:51	4/28/2013 10:15	4/28/2013 12:30	4/28/2013 12:00
6/25/2013 10:30	6/25/2013 10:30	6/25/2013 12:35	6/25/2013 13:30
9/9/2013 15:13	9/9/2013 15:13	9/9/2013 16:31	9/9/2013 17:24
11/4/2013 9:42	11/4/2013 9:45	11/4/2013 10:40	11/4/2013 12:30
9/2/2010 5:15	9/2/2010 6:00	9/2/2010 6:15	9/2/2010 6:20
3/1/2007 0:00	3/1/2007 0:00	3/1/2007 0:00	3/14/2007 0:00
4/23/2012 12:00	4/30/2012 10:00	4/30/2012 10:00	4/30/2012 14:00
5/28/2008 5:28	5/30/2008 5:30	5/30/2008 5:30	6/2/2008 6:02
10/17/2009 14:00	10/17/2009 14:28	10/17/2009 15:05	10/17/2009 15:20
4/18/2009 11:20	4/18/2009 11:38	4/18/2009 11:55	4/18/2009 12:15
1/16/2011 16:50	1/16/2011 20:20	1/16/2011 18:00	1/16/2011 19:30
8/26/2012 16:55	8/26/2012 17:06	8/26/2012 17:36	8/26/2012 18:10
9/16/2007 0:00	9/16/2007 17:00	9/16/2007 17:20	9/16/2007 17:50
9/18/2007 12:40	9/18/2007 12:40	9/18/2007 13:00	9/18/2007 13:30
10/2/2007 14:00	10/2/2007 14:00	10/2/2007 14:20	10/2/2007 15:20
10/15/2007 6:45	10/15/2007 7:10	10/15/2007 7:45	10/15/2007 8:45
11/28/2007 11:50	11/28/2007 12:06	11/28/2007 12:50	11/28/2007 13:10
11/1/2007 4:15	11/1/2007 4:45	11/1/2007 5:45	11/1/2007 6:15
12/27/2007 9:00	12/27/2007 9:25	12/27/2007 9:40	12/27/2007 12:20
12/27/2007 12:30	12/27/2007 13:00	12/27/2007 13:30	12/27/2007 13:45
1/17/2008 14:00	1/17/2008 14:25	1/17/2008 14:35	1/17/2008 15:00
1/15/2008 7:30	1/15/2008 7:45	1/15/2008 8:30	1/15/2008 9:00
1/20/2008 16:00	1/20/2008 16:20	1/20/2008 16:45	1/20/2008 17:45
2/6/2008 15:15	2/6/2008 15:45	2/6/2008 16:00	2/6/2008 16:30
3/24/2008 12:30	3/24/2008 12:45	3/24/2008 13:00	3/24/2008 13:30
7/10/2008 21:15	7/10/2008 21:20	7/10/2008 21:50	7/10/2008 22:50
7/30/2008 13:00	7/30/2008 13:00	7/30/2008 13:15	7/30/2008 13:25
10/11/2008 6:00	10/11/2008 6:20	10/11/2008 6:55	10/11/2008 7:15
10/24/2008 19:00	10/24/2008 20:00	10/24/2008 21:20	10/24/2008 21:15
11/22/2008 13:20	11/22/2008 13:30	11/22/2008 13:50	11/22/2008 14:10
12/29/2008 11:30	12/29/2008 11:40	12/29/2008 12:00	12/29/2008 12:20
8/22/2009 9:00	8/22/2009 9:10	8/22/2009 9:55	8/22/2009 10:05
9/6/2009 2:00	9/6/2009 8:40	9/6/2009 8:50	9/6/2009 9:15
2/1/2010 13:30	2/1/2010 13:46	2/1/2010 13:50	2/1/2010 13:50
2/26/2010 8:25	2/26/2010 8:25	2/26/2010 9:00	2/26/2010 9:25
3/22/2010 0:00	3/22/2010 0:00	3/22/2010 0:00	3/22/2010 0:00
4/11/2010 10:00	4/11/2010 10:15	4/11/2010 11:30	4/11/2010 11:45
4/13/2010 11:00	4/13/2010 11:28	4/13/2010 11:50	4/13/2010 12:00
5/3/2010 3:45	5/3/2010 4:00	5/3/2010 4:15	5/3/2010 4:20
6/12/2010 0:00	6/12/2010 17:00	6/12/2010 17:17	6/12/2010 17:30

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

Roots, rags, and grease

Roots and Grease
Grease and Roots
Grease and Rocks
Grease and Rags
Roots and Mineral deposits

Root intrusion and rags.

Rags

A contractor overloaded sewer capacity by supplying water from outside the building - water source was connected by a h
Slight pressuization of very old sewer line.
Complete stoppage of a main sewer line that caused back up into a lateral that leaked. All these lines are contained withi
Fractured cracked steel pipe due to age, ground movement, pipe stress,

The blockage appears to be caused by 3 large 6 inch in diameter rocks possible construction material or vandalism. Whi

pump station was being worked on by contractor. Contractor did not finish in a timely manner.

Gravity Mainline

Gravity Mainline

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

Main
Main
Main

Main

Main

Main

Main
Main
Main
Main
Main
Main
Main
Main
Main
Main
Main

No system failure. Overload by a one time, unapproved, hook up that introduced too much water into the system. Plug in manhole that backed up and pressurized line slightly and old line then failed inside of a building.

Cracked pipe fittings, due to age of system.

Blockage was approxiamately 50 to 75 ft up stream from the downstream manhole.

No	10	VCP	
No			
No			
No			
	4	cast iron	
	4	cast iron	
	8	steel	
	10	Clay	
	10	clay	
	12	rocks and grease	
	8	PVC	
	6	VCP	
	6	VCP	
	10	VCP	
	6		6
	8	vcp	
	6		
	6	VCP	
	10	vcp	
	6	VCP	
	8	vcp	

528

8
1930

46
56
55

28
40
40
40

60
30
20

Other (specify below)
Other (specify below)
Restored flow;Other (specify below)

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

Contained all or portion of spill;Restored flow;Returned Portion of Spill to Sanitary Sewer System;Property Owner Notifie
Cleaned-up (mitigated effects of spill);Contained all or portion of spill
Contained all or portion of spill
Restored flow;Returned all or portion of spill to sanitary sewer system
Cleaned-up (mitigated effects of spill)
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
Cleaned-up (mitigated effects of spill)
Cleaned-up (mitigated effects of spill);Restored flow;Returned all or portion of spill to sanitary sewer system
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow;Returned all or portion of spill to sani
Cleaned-up (mitigated effects of spill);Restored flow
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow;Returned all or portion of spill to sani
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow;Returned all or portion of spill to sani
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow;Returned all or portion of spill to sani
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow;Returned all or portion of spill to sani
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow;Returned all or portion of spill to sani
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow;Returned all or portion of spill to sani
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow;Returned all or portion of spill to sani
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow;Returned all or portion of spill to sani
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;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;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
Returned all or portion of spill to sanitary sewer system;Other (specify below)
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow;Returned all or portion of spill to sani
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow;Returned all or portion of spill to sani
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow;Returned all or portion of spill to sani
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow;Returned all or portion of spill to sani
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow;Returned all or portion of spill to sani
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow;Returned all or portion of spill to sani
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow;Returned all or portion of spill to sani
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow;Returned all or portion of spill to sani
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow;Returned all or portion of spill to sani

Shut down lift station feeding force main. Hauled wastewater until repairs were made on 5/3/07. Recovered spillage alon
Upon arrival, Manholes 154, 152, 153, and 151 were up but not overflowing. Spill fully absorbed into the ground around t
Upon arrival mainline was up but not overflowing. Rodder equipment was used to break down mainline blockage. 40 gal

We used Rodder equipment to break down a root blockage in the mainline. Restored flow and cleaned-up spill area.
Rodder and Hydro pressure equipment was used to break down a mainline blockage and restore flow. Hydro-Vactor equi
Upon arrival, observed signs of an overflow. At the request of City officials, storm drain on the Northwest corner of Freed
Upon arrival, spill was contained and returned back to the sewer system by a private contractor, Camirllo Engineering. O
Also flushed down storm drain with 1500 gallons of fresh water.

Complainant refused Carl Warren & Company for clean up, he mentioned that he had contacted a company to perform t

Also removed soiled mud.
The crew rodded mainline on Mesquite Dr to break down heavy root stoppage.
Upon arrival, Manhole No. 195 was down and running. Stoppage had broken itself down. Hydro equipment was used fro

Hired forensic engineer to determine siill cause. Ran cameras in lines to ensure no blockage.
Pumped spill and returned to sanitary sewer. Investigated cause and determined it was due to very old infrastructure. c
Basement crawlspace dirt floor was wet after pumping. Applied absorbent and sanitizer and supplied air flow to dry the d
VYCF Hired outside contractor for pipe repairs and worked with Ventura Country Regulatory agency for complience for c

spill drained back into the homeowners lateral from trench.
Vacuumed all spillage and returned to sewer system

5/1/2007 20:00

6/2/2007 20:55
7/1/2007 15:00
7/26/2007 13:30

10/19/2007 15:00

7/19/2008 19:30
9/26/2008 11:00
4/20/2009 14:30

4/28/2013 14:00
6/25/2013 14:45

11/4/2013 14:35
9/7/2010 6:00
3/13/2007 0:00
6/12/2012 8:00
6/2/2008 6:02

9/16/2007 17:50
9/18/2007 13:30
10/2/2007 15:20

7/30/2008 13:45

9/6/2009 9:15
2/1/2010 13:55

Repaired sewer

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

Other (specify below)
Other (specify below)

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

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

Repaired sewer;Other (specify below)

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

Emergency repairs made to the force main on 5/3/07.

Mainline to be televised using CCTV equipment to determine if further action is needed.

Mainline to be televised to determine if further actions are needed.
Mainline will be televised to determine if further actions are needed.

Mainline will be televised to determine if further actions are needed.
Contractor that hooked directly to sewer advised not to do so again. Taking claim action against contractor

Removed blockage from main line - then connection to lateral capped to prevent any further leakage. Lateral is unused b
VYCF hired contractor repairs were completed.

Returned pump station to operational status

No

No
No
No

No

No
No
No

No
No

No
No
No
No
No

No
No
No

No

No
No

No problems were determined.
No impact to the recieving water. All water from the spill was caputered and returned to the Sanitary Sewer
No impact to the receiving waters. The spill did not reach receiving water.
Inspection was completed and sewage did not reach storm drains or receiving waters
DNA, Never reached Receiving Water
Photographs taken. Storm system flows to lift station, will be pumped to irrigation ditch with other waters.
Not applicable.
Not applicable

No

No
No
No

No

No
No
No

No
No

No
No
No
No
Yes

No
No
No

No

No
Yes

NA

N/A
N/A
N/A

N/A

N/A
N/A
N/A

NA

none
None

None

NA
NA
NA

N/A

NA
NA

Stormdrain system operated by LA County Flood Control District (FMD). Notice was provided to FMD.

No impact. Spill entered storm drain 1424 outletting into natural terrain.
No impact. No evidence of spill reaching surface water.
No evidence of spill reaching surface water.

No impact. No evidence of spill reaching surface water.

No impact. No evidence of spill reaching surface water.
No impact. No evidence of spill reaching surface water.
No impact. No evidence of spill reaching surface water.
The spill did not reach the storm drain. It was contained within the field and resident home.
Bell Creek
Las Virgenes Creek

NA

none
Ventura County flood control district, Ventura Country water shead, Ventura County Enviormental.

None

NA
NA
NA

N/A

none

NA
NA

none

No water quality samples taken

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

No water quality samples taken

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

None taken

No water quality samples taken

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

No water quality samples taken

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

No water quality samples taken
No water quality samples taken

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

72654	5/1/2007 21:06
72637	5/1/2007 9:30
104386	7/20/2010 17:10
73354	6/2/2007 20:45
73944	7/1/2007 14:05
74487	7/26/2007 12:36
75020	8/21/2007 19:15
76395	10/19/2007 11:04
76573	10/26/2007 8:05
85295	7/19/2008 15:45
86990	9/26/2008 9:01
93101	4/20/2009 10:32
	12/12/2012 4:20
132543	4/28/2013 10:29
133868	6/25/2013 10:43
136832	11/4/2013 9:50

97049	10/17/2009 15:30
93063	4/18/2009 16:45
110297	1/16/2011 20:25
125089	8/26/2012 19:10

Joe Quiroz	5625702440
Jerry Weston	8185351565
Robert Swartz, Sr. CE	6263003367
Robert Swartz, Senior Civil Engineer	6263003367

5SSO10713	Active	763889	Richard Bono	Certified
5SSO10713	Active	764179	Richard Bono	Certified
5SSO10713	Active	765860	Richard Bono	Certified
5SSO10713	Active	766019	Richard Bono	Certified
5SSO10713	Active	769844	Richard Bono	Certified
5SSO10713	Active	771974	richard bono	Certified
5SSO10713	Active	778219	Richard Bono	Certified
5SSO10713	Active	780444	Richard Bono	Certified
5SSO10713	Active	784877	Richard Bono	Certified
5SSO10713	Active	786888	Ricahrd Bono	Certified
5SSO10716	Active	724266	Lyle Bondurant	Certified
5SSO10716	Active	724267	Lyle Bondurant	Certified
5SSO10716	Active	724433	Lyle Bondurant	Certified
5SSO10716	Active	741608	Lyle Bondurant	Certified
5SSO10716	Active	755934	Lyle Bondurant	Certified
5SSO10716	Active	758785	Lyle Bondurant	Certified
5SSO10716	Active	774443	Lyle Bondurant	Certified
5SSO10716	Active	779178	Lyle Bondurant	Certified
5SSO10716	Active	788256	Lyle Bondurant	Certified
5SSO10716	Active	799796	Justin Vinson	Certified
5SSO10716	Active	800159		Work In Progress
5SSO10716	Active	800707	Justin Vinson	Certified
5SSO10717	Active	657514	Brad Underwood	Certified
5SSO10717	Active	657584	Brad Underwood	Certified
5SSO10717	Active	657708	Brad Underwood	Certified
5SSO10717	Active	657769	Brad Underwood	Certified
5SSO10717	Active	657994	Brad Underwood	Certified
5SSO10717	Active	704610	Brad Underwood	Certified
5SSO10717	Active	705755	Brad Underwood	Certified
5SSO10717	Active	705757	Brad Underwood	Certified
5SSO10717	Active	706944	Brad Underwood	Certified
5SSO10717	Active	708178	Brad Underwood	Certified
5SSO10717	Active	708186	Brad Underwood	Certified
5SSO10717	Active	708190	Brad Underwood	Certified
5SSO10717	Active	708193	Brad Underwood	Certified
5SSO10717	Active	711209	Brad Underwood	Certified
5SSO10717	Active	711223	Brad Underwood	Certified
5SSO10717	Active	711235	Brad Underwood	Certified
5SSO10717	Active	711263	Brad Underwood	Certified
5SSO10717	Active	711264	Brad Underwood	Certified
5SSO10717	Active	712979	Brad Underwood	Certified
5SSO10717	Active	713815	Brad Underwood	Certified
5SSO10717	Active	715196	Brad Underwood	Certified
5SSO10717	Active	715201	Brad Underwood	Certified
5SSO10717	Active	715231	Brad Underwood	Certified
5SSO10717	Active	715232	Brad Underwood	Certified
5SSO10717	Active	717516	Brad Underwood	Certified
5SSO10717	Active	718585	Brad Underwood	Certified
5SSO10717	Active	719188	Brad Underwood	Certified
5SSO10717	Active	720882	Brad Underwood	Certified
5SSO10717	Active	722572	Brad Underwood	Certified
5SSO10717	Active	722585	Brad Underwood	Certified
5SSO10717	Active	727802	Brad Underwood	Certified
5SSO10717	Active	727820	Brad Underwood	Certified
5SSO10717	Active	727832	Brad Underwood	Certified

WWTP Manager
WWTP Manager
WWTP Manger
WWTP Manager
WWTP Manager
WWTP manager
WWTP Manager
WWTP Manager
WWTP Manager
WWTP Manager
Operator
Operator
Backflow Cross Connection Specialist
Operator
Backflow Cross Connection Specialist
Water Operator 2
Cross Connection, Backflow Specialist
Cross Connection, Backflow Specialist
Backflow Cross Connection specialist
Water Shift Operator

Water Shift Operator
Public Works Operations Manager
Assistant Public Works Director
Public Works Operations Manager
Public Works Operations Manager
Public Works Operations Manager
Public Works Operations Manager
Public Works Operations Manager
Public Works Operations Manager
Public Works Operations Manager
Public Works Operations Manager
Public Works Operations Manager
Public Works Operations Manager
Acting Asst. Public Works Dir
Acting Asst. Public Works Dir
Assistant Public Works Director
Assistant Public Works Director
Assistant Public Works Director
Assistant Public Works Director
Acting Asst. Public Works Dir.
Assistant Public Works Director
Assistant Public Works Director
Assistant Public Works Director
Assistant Public Works Director
Assistant Public Works Director
Assistant Public Works Director
Assistant Public Works Director
Assistant Public Works Director
Assistant Public Works Director
Assistant Public Works Director
Assistant Public Works Director
Assistant Public Works Director
Assistant Public Works Director

WWTP Tulare CA		614688
Tulare WWTP		184386
City of Tulare		787151
City of Tulare WWTP		985247
WWTP		109547
WWTP		647289
City of Tulare WWTP		420371
City of Tulare WWTP		255445
City of Tulare WWTP		383537
City of Tulare WWTP		450485
470 Aviator Dr.		331472
470 Aviator Dr.		129868
470 Aviator Dr.		243521
470 Aviator Dr.		490012
470 Aviator Dr.		518343
7:55AM		318259
470 Aviator Dr.		745773
470 Aviator Dr.		639886
470 Aviator dr. Atwater, CA		629183
	14:37:06	529197
	10:36:12	659620
City of Bakersfield		356659
4:32 p.m.		761090
City of Bakersfield		231756
City of Bakersfield		837361
2:54 p.m.		441675
3:00 p.m.		836543
3:03 p.m.		923910
3:06 p.m.		781467
	12:05 PM	753559
	11:59 AM	648775
	11:55 AM	868347
	11:52 AM	881125
	12:08 PM	211669
	4:15 PM	511409
	4:12 PM	768639
4:32 p.m.		995256
4:31 p.m.		834358
1:36 p.m.		420568
1:35 p.m.		937914
	4:10 PM	337244
1:34 p.m.		290127
1:34 p.m.		534037
1:33 p.m.		750420
1:32 p.m.		393443
1:31 p.m.		149985
1:29 p.m.		320235
1:28 p.m.		245907
4:30 p.m.		311907
4:29 p.m.		320637
4:29 p.m.		264307
4:28 p.m.		339519
4:27 p.m.		560540
4:26 p.m.		518232

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

Category 3		100	100
Category 3		200	200
Category 2		1100	1100
Category 3		250	0
Category 2		5000	0
Category 2		5000	4500
Category 3		200	200
Category 3		300	300
Category 2		7000	2000
Category 3		800	800
Category 3		150	150
Category 3		150	150
Category 3		150	150
Category 2		2500	2500
Category 3		108	108
Category 3		135	135
Category 3		160	160
Category 3		105	105
Category 3		160	160
Category 3	5	5	5
Category 3	20	20	20
Category 3	30	30	30
Category 2		5000	0
Category 2		5000	0
Category 3		500	500
Category 3		50	
Category 1		10	8
Category 1		10	8
Category 3		500	300
Category 3		8	4
Category 3		20	0
Category 3		30	0
Category 3		10	0
Category 3		900	0
Category 2		500000	64500
Category 3		50	0
Category 3		150	100
Category 1		20	10
Category 1		50	45
Category 3		200	0
Category 3		10	7
Category 3		75	60
Category 3		5	0
Category 3		50	0
Category 1		15	10
Category 1		10	8
Category 1		150	120
Category 3		15	0
Category 3		20	0
Category 3		20	15
Category 2		3000	0
Category 3		10	0
Category 3		2	0
Category 3		25	0
Category 3		50	0

0	No	No
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10	No	Yes
45	Yes	Yes
0	No	Yes
0	No	Yes
0	No	Yes
0	No	No
0	No	No
5	No	Yes
2	No	Yes
30	Yes	No
0	No	No
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Not Applicable - Spill did not reach a separate storm drainpipe
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Not Applicable - Spill did not reach storm drainpipe
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Not Applicable - Spill did not reach storm drainpipe

139 North Sacramento street
E and F alley
1300 block of King Street
G and H alley
1875 south west st tulare ca
1875 South West street
West and Los Angeles Alley At King street
Mariposa and R street
Pratt Ave and Road 196
Los Angeles and West Alley
Mary Lane
Mary Lane
Mission Way
Atwater Airport
Mission Way
Center st.
Shaffer Sewer Lift Station
Koehn Ct.
Center St.
Shaffer Lift Station
Wedel Street
1640 Almador Terrace
Fairfax & Paladino Lift Station
Fairfax Sewer Lift Station
Magnolia St between Bernard St. & Jefferson St
6816 Gretchen Way
MARTIN LUTHER KING PARK
GET Bus Terminal on Chester Ave/21st Street
906 South Haley Street
St. Joseph's Church
Ashe Road south of North Halfmoon
9901 Southland Ct.
2536 Wible Road
Columbus/Union Avenue
Buena Vista Road/McCutcheon Road
12800 Overton
Tuscany and Alfred Harrell Hwy
Irene Street
Union Avenue and Alpine Street
21st Street and Westwind
300 Blk of 1st Street
2400 N. Olive Street
Salford Court
Irene Street
30th and 'F' Street (Lyles Beauty School)
Peach Tree Court
South of Panama, west of Union Avenue
2028 Magdelena
2400 Aspen Street
1704 Clubview Drive
Alfred Harrell Hwy
Carlsbad & Anaheim
6812 Gretchen Ct.
Chaney and District Blvd.
1000 Clyde Street

36.20715	-119.36328	Tulare
36.20172	-119.35283	Tulare
36.20765	-119.3662813	Tulare
36.20372	-119.35059	Tulare
36.18784	-119.37744	Tulare
36.18673	-119.37744	Tulare
36.2076	-119.3663	Tulare
36.12143	-119.20128	Tulare
36.084403	-119.212903	Tulare
36.122735	-119.215814	Tulare
37.35621	-120.59564	Merced
37.34772	-120.60908	Merced
37.36678	-120.62505	Merced
37.37731	-120.55926	Merced
37.36676	-120.62499	Merced
37.35692	-120.59707	Merced
37.36084	-120.5957	Merced
37.36346	-120.62037	Merced
37.357016	-120.596537	Merced
37.36094	-120.59541	Merced
37.35376	-120.62817	Merced
37.34717	-120.59033	Merced
35.412	-118.936	Kern
118.936005	35.412	Kern
35.39	-118.997	Kern
35.293	-119.025	Kern
35.368	-118.992	Kern
35.378	119.019	Kern
35.366	118.984	Kern
35.385	118.99	Kern
35.33	119.075	Kern
35.267	119.019	Kern
35.332	119.039	Kern
35.398	119.003	Kern
35.282	119.128	Kern
35.371	-119.144	Kings
35.412	-118.86	Kern
35.391	-118.999	Kern
35.37	-119.003	Kern
35.378	-119.043	Kern
35.355	119.005	Kern
35.381	119.037	Kern
35.291	-118.998	Kern
35.391	-119.001	Kern
35.386	-119.023	Kern
35.388	-119.032	Kern
35.401	-119.002	Kern
35.293	119.025	Kern
35.383	-119.029	Kern
35.34	-119.071	Kern
35.415	-118.86	Kern
35.266	-119.019	Kern
35.293	-119.025	Kern
35.3124	-119.1034	Kern
35.367	-118.986	Kern

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location is at E and F alley on sonora st

WWTP operations area

Man hole lid
Man hole lid
Manhole located at/near end of court

Manhole Located at/near end of court
Man Hole located inbetween Hight st. and Eucalyptus

Man hole at Center st. and High St.
Shaffer Sewer Lift Station, Spill coming out of stations wet well located 5 feet from the curb of 2720 Shaffer Road
At the end of Wedel Street

Spill occured at the sewer lift station and flowed out onto adjacent land.
From sewer lift station onto an open field
Manhole overflow due to broken line

1
1
1

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

Out of pick hole
Manhole in the middle of the road. Spill went directly into a storm drain

Manhole overflowed due to failure of sewer pump station.

Lamp hole.

Sewer lift station down.

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

Almond orchard
part of the spill went onto dirt in operations area and the rest went back into the wastewater system for retreatment

SOME SPILLED ONTO GRASS AREA ALSO
Cement parking lot.

Catch Basin @ Bronson/Belden
City sump.
Around manhole and into gutter area.
Storm line on Columbus Avenue.
Into adjacent land.
Spilled into drain that leads to sump.
On top of dirt surface.

Storm box that connects to storm lift station located at Beach Park.

Back to the manhole.

Wastewater Treatment Plant #2.
Manhole and storm line.
Storm box and lamp hole.

Sewer Manhole.

Spill occurred in the ravine north of the lift station location.
Storm catch basin.
Final spill destination was the storm drain that dumps into the sump.

10/24/2008 7:55	10/24/2008 8:00	10/24/2008 8:20	10/24/2008 9:15
3/8/2011 0:00	3/8/2011 8:00	3/8/2011 8:15	3/8/2011 8:20
4/27/2011 0:00	4/27/2011 14:15	4/27/2011 14:37	4/27/2011 14:43
4/29/2011 0:00	4/29/2011 4:50	4/29/2011 5:05	4/29/2011 5:40
8/11/2011 0:00	8/11/2011 10:00	8/11/2011 10:00	8/11/2011 10:00
10/10/2011 0:00	10/10/2011 0:05	10/10/2011 0:19	10/10/2011 0:25
2/23/2012 1:10	2/23/2012 1:15	2/23/2012 1:18	2/23/2012 1:30
4/19/2012 8:45	4/19/2012 8:50	4/19/2012 10:00	4/19/2012 0:00
8/8/2012 0:00	8/8/2012 10:25	8/8/2012 10:30	8/8/2012 10:35
9/30/2012 12:45	9/30/2012 12:50	9/30/2012 1:20	9/30/2012 1:40
7/26/2008 8:30	7/26/2008 8:30	7/26/2008 8:45	7/26/2008 9:00
7/26/2008 8:30	7/26/2008 8:40	7/26/2008 8:50	7/26/2008 9:00
8/1/2008 15:00	8/1/2008 15:00	8/1/2008 15:15	8/1/2008 16:15
7/20/2009 2:00	7/20/2009 2:30	7/20/2009 2:50	7/20/2009 3:05
7/5/2010 0:00	7/5/2010 4:00	7/5/2010 4:15	7/5/2010 4:30
11/16/2010 0:00	11/16/2010 9:00	11/16/2010 9:15	11/16/2010 9:30
12/16/2011 8:05	12/16/2011 8:15	12/16/2011 8:30	12/16/2011 8:45
3/25/2012 3:40	3/25/2012 3:50	3/25/2012 4:00	3/25/2012 4:15
8/17/2012 8:05	8/17/2012 8:15	8/17/2012 8:25	8/17/2012 8:45
9/11/2013 9:30	9/11/2013 9:30	9/11/2013 9:40	9/11/2013 9:35
10/15/2013 9:00	10/15/2013 9:15	10/15/2013 9:20	10/15/2013 9:35
11/8/2013 9:00	11/8/2013 9:05	11/8/2013 9:15	11/8/2013 9:30
9/16/2007 9:00	9/16/2007 10:50	9/16/2007 11:30	9/16/2007 12:30
9/16/2007 9:30	9/16/2007 10:30	9/16/2007 10:50	9/16/2007 13:30
9/17/2007 19:30	9/17/2007 19:00	9/17/2007 19:30	9/17/2007 19:45
9/17/2007 19:30	7/17/2007 19:00	7/17/2007 19:30	7/17/2007 19:45
9/24/2007 9:50	9/24/2007 9:50	9/24/2007 9:50	9/24/2007 10:15
10/1/2007 13:39	10/1/2007 13:39	10/1/2007 13:39	10/1/2007 14:09
10/16/2007 10:00	10/16/2007 15:30	10/16/2007 10:15	10/16/2007 15:30
10/16/2007 16:50	10/16/2007 16:50	10/16/2007 17:00	10/16/2007 18:00
10/26/2007 19:20	10/26/2007 19:20	10/26/2007 20:00	10/26/2007 20:15
11/13/2007 6:00	11/13/2007 8:30	11/13/2007 8:55	11/13/2007 9:05
11/15/2007 14:25	11/15/2007 14:27	11/15/2007 14:40	11/15/2007 14:40
11/19/2007 19:30	11/19/2007 20:17	11/19/2007 20:45	11/19/2007 20:50
11/24/2007 10:00	11/24/2007 15:00	11/24/2007 15:00	11/24/2007 20:00
12/29/2007 0:00	12/29/2007 0:00	12/29/2007 1:20	12/29/2007 1:35
1/10/2008 10:00	1/10/2008 13:30	1/10/2008 13:53	1/10/2008 14:50
12/20/2007 20:00	12/21/2007 15:20	12/21/2007 15:00	12/21/2007 16:15
1/11/2008 13:10	1/11/2008 13:10	1/11/2008 13:20	1/11/2008 15:00
1/2/2008 11:30	1/2/2008 15:15	1/2/2008 15:40	1/2/2008 23:30
2/7/2008 9:50	2/7/2008 9:50	2/7/2008 9:50	2/7/2008 10:30
2/23/2008 7:30	2/23/2008 7:30	2/23/2008 8:30	2/23/2008 10:30
1/14/2008 10:31	1/14/2008 10:31	1/14/2008 10:50	1/14/2008 10:50
1/14/2008 11:40	1/14/2008 12:00	1/14/2008 12:00	1/14/2008 12:05
2/28/2008 10:53	2/28/2008 10:53	2/28/2008 10:53	2/28/2008 11:50
3/4/2008 10:36	3/4/2008 10:36	3/4/2008 10:36	3/4/2008 11:15
5/12/2008 9:45	5/12/2008 9:45	5/12/2008 9:45	5/12/2008 10:45
5/17/2008 17:45	5/17/2008 20:15	5/17/2008 20:15	5/17/2008 22:00
6/6/2008 8:40	6/6/2008 8:40	6/6/2008 8:40	6/6/2008 9:53
6/25/2008 17:00	6/25/2008 16:45	6/25/2008 17:50	6/25/2008 18:10
7/11/2008 12:00	7/11/2008 14:00	7/11/2008 14:00	7/11/2008 14:15
7/13/2008 9:00	7/13/2008 9:30	7/13/2008 10:00	7/13/2008 10:01
10/8/2008 13:10	10/8/2008 13:15	10/8/2008 13:25	10/8/2008 13:30
10/6/2008 19:30	10/6/2008 19:30	10/6/2008 19:30	10/6/2008 20:15
10/13/2008 0:00	10/13/2008 0:00	10/13/2008 0:00	10/13/2008 0:00

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

contractor was doing pump around and pump failed

Stoppage due to grease buildup.

Grease and debris in the line.
Debris and grease in the main line.

Grease and mud.
Grease and paper in the main line.

Line plugged with grease for approximaely 100 ft.

Blown fuse on transducer circuit board of lift station.

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

floats for pump station failed

Pump station failure
Pump Station failure

Failure to barscreen due to excessive debris, the excessive debris then plugged pumps.
Failure was pumps in the Sewer lift station.

Shaffer lift station wet well.

24 vcp

8

8 Orangeburge

No
No
No

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

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

The pump was restarted and area had bleach applied to it.

Broke blockage by hydroing the line and cleaned gutter/street area with bleach.
Hydroed west 600 feet to break up stoppage due to grease, black grit.
Hydroed from manhole on Ashe Road south of N. Halfmoon east 30', hit and cleared main line. Broke the stoppage in ma

Pulled pump-determined it was burned out set up two portable pumps at inlet and outlet manholes to help maintain wet w
Hydroed from manhole on Long Meadow Way/Pineglen Drive 300' North, hit and cleared stoppage. Washed down and b
Checked manholes in area of Alfred Harrell Highway. Pump station number 2 was overflowing in the dirt area on the wes
Checked manhole at 118 Irene Street, it was up and overflowing. Set up at 2111 Sacramento and hydroed west 450 ft. to
Set up on Union Avenue and hydroed north 150 ft. to 200 ft. to the stoppage then hydroed west 80 ft. to 100 ft. to stoppag
Reset controller at 19th Street sewer lift station.
Set up at 10 'U' Street, Hydroed north 200 ft. then set up at 1st Street and 'U' Street. Hydroed east 200 ft. Washed down
Water coming out of manhole. Police department advised employee, Mike Cook. Hydroed line for 100 feet to the east.

4/27/2011 14:45

8/12/2011 10:00
10/10/2011 9:00

8/8/2012 17:40

7/20/2009 6:00

9/16/2007 12:30
9/16/2007 13:30

9/24/2007 10:15
10/1/2007 14:09

10/26/2007 20:15
11/13/2007 9:05
11/15/2007 14:40
11/19/2007 20:50
11/24/2007 20:00
12/29/2007 1:35

12/21/2007 16:15
11/11/2008 15:00
1/2/2008 23:30
2/7/2008 10:30
2/23/2008 10:30

2/28/2008 11:50
3/4/2008 11:15
5/12/2008 10:45

7/11/2008 14:15

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

Other (specify below)
Other (specify below)

Other (specify below)

Added sewer to preventive maintenance program

Other (specify below)
Other (specify below)

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

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Other (specify below)

Advised contractor that a pump around plan needs to be in place and that a second pump should have been in place in c
repaired floats

set the cleaning cycle pump float to shut off at the correct level.

Pump #2 electrical failure grounded out system and kicked off main PG&E breaker.
Pump electrical failure grounded out system shutting off PG&E main breaker. Grounding problem corrected.

HYDROED AND UNPLUGGED SEWER LATERAL.
Cleared sewer line of paper and debris. Will put on list to video line.

Hydroed from manhole on Ashe Road south of N. Halfmoon east 30', hit and cleared main line. Broke the stoppage in m
Manhole overflowed due to sewer pump station failure. Cleaned up overflowing manhole and made sure there was no bl
Hydro from manhole at location and went about 100'. Blockage was caused by debris and grease. Washed down area arc
Hydroed main sewer line and washed down overflow area in the street/gutter with bleach to decontaminate.

Hydroed line from manhole on Long Meadow Way/Pine Glen Drive 300' north, hit and cleared stoppage. Washed area d

Set up at 2111 Sacramento Street, hydroed west 450' to stoppage. Also washed down street and put bleach at location w
Set up on Union Avenue and hydroed north 150' to 200 ' to stoppage then hydroed west 80 ft. to 100 ft. to stoppage in m
Reset controller at 19th Street sewer lift station. Also made sure sewer lift station was working and that no other manhole
Set up at 10 'U' Street and Hydroed north 200 ft. Then set up at 1st and 'U' Street hydroed east 200 ft. Washed down are
Line plugged with grease. Hydroed main line 100 feet to the east.

Set-up at 23rd and 'F' Street, hydroed north 400 ft. twice. Lot's of grease there, also wash-down and put bleach down.
Set up at 3100 Elm Street, hydroed north 250 ft. to the stoppage then 750 ft. south. Washed down area on both sides. A
Reset pumps at pump station and routine pump station check.

Ran pumps manually, cleaned transducer, cleaned and sanitized lift station.

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Not applicable to this spill

No water quality samples taken
No water quality samples taken

Not applicable to this spill

Not applicable to this spill

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

Not applicable to this spill

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None of the above

None of the above

Not applicable to this spill

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

No water quality samples taken

8/6/2011 3:30

124633 8/8/2012 12:35

Justin Vinson	2097770273
Justin Vinson Water Shift Operator	2093491727
Justin Vinson	2097770273

5SSO10717	Active	728233	Brad Underwood	Certified
5SSO10717	Active	728599	Brad Underwood	Certified
5SSO10717	Active	729515	Brad Underwood	Certified
5SSO10717	Active	729520	Brad Underwood	Certified
5SSO10717	Active	729528	Brad Underwood	Certified
5SSO10717	Active	729530	Brad Underwood	Certified
5SSO10717	Active	729537	Brad Underwood	Certified
5SSO10717	Active	730052	Brad Underwood	Certified
5SSO10717	Active	730053	Brad Underwood	Certified
5SSO10717	Active	730480	Brad Underwood	Certified
5SSO10717	Active	731472	Brad Underwood	Certified
5SSO10717	Active	731473	Brad Underwood	Certified
5SSO10717	Active	731478	Brad Underwood	Certified
5SSO10717	Active	731611	Brad Underwood	Certified
5SSO10717	Active	732234	Brad Underwood	Certified
5SSO10717	Active	732241	Brad Underwood	Certified
5SSO10717	Active	732678	Brad Underwood	Certified
5SSO10717	Active	732779	Brad Underwood	Certified
5SSO10717	Active	732995	Brad Underwood	Certified
5SSO10717	Active	734877	Brad Underwood	Certified
5SSO10717	Active	735437	Brad Underwood	Certified
5SSO10717	Active	735438	Brad Underwood	Certified
5SSO10717	Active	736337	Brad Underwood	Certified
5SSO10717	Active	737269	Brad Underwood	Certified
5SSO10717	Active	739178	Brad Underwood	Certified
5SSO10717	Active	740333		Work In Progress
5SSO10717	Active	740431	Brad Underwood	Certified
5SSO10717	Active	741843	Brad Underwood	Certified
5SSO10717	Active	741870	Brad Underwood	Certified
5SSO10717	Active	742565	Brad Underwood	Certified
5SSO10717	Active	742589	Brad Underwood	Certified
5SSO10717	Active	742593	Brad Underwood	Certified
5SSO10717	Active	742595	Brad Underwood	Certified
5SSO10717	Active	742597	Brad Underwood	Certified
5SSO10717	Active	742610	Brad Underwood	Certified
5SSO10717	Active	742617	Brad Underwood	Certified
5SSO10717	Active	744496	Brad Underwood	Certified
5SSO10717	Active	744837	Brad Underwood	Certified
5SSO10717	Active	744838		Work In Progress
5SSO10717	Active	745795	Brad Underwood	Certified
5SSO10717	Active	746072	Brad Underwood	Certified
5SSO10717	Active	746092	Brad Underwood	Certified
5SSO10717	Active	746093	Brad Underwood	Certified
5SSO10717	Active	746668	Brad Underwood	Certified
5SSO10717	Active	747062	Brad Underwood	Certified
5SSO10717	Active	747065	Brad Underwood	Certified
5SSO10717	Active	747219	Brad Underwood	Certified
5SSO10717	Active	747221	Brad Underwood	Certified
5SSO10717	Active	747223	Brad Underwood	Certified
5SSO10717	Active	747228	Brad Underwood	Certified
5SSO10717	Active	747229	Brad Underwood	Certified
5SSO10717	Active	747231	Brad Underwood	Certified
5SSO10717	Active	747304	Brad Underwood	Certified
5SSO10717	Active	747343	Brad Underwood	Certified
5SSO10717	Active	747411	Brad Underwood	Certified

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4:25 p.m.		501804
3:03 p.m.		446611
9:31 a.m.		886577
9:29 a.m.		157111
9:24 a.m.		102794
9:23 a.m.		965004
9:22 a.m.		139288
10:31 a.m.		536862
10:05 a.m.		718641
8:212 a.m.		603193
8:21 a.m.		758818
8:20 a.m.		553116
8:13 a.m.		372928
8:11 a.m.		608876
11:24 a.m.		878633
11:23 a.m.		584627
11:22 a.m.		266591
11:21 a.m.		822110
11:21 a.m.		301388
10:08 a.m.		864843
10:07 a.m.		590743
10:06 a.m.		377402
10:05 a.m.		305595
	2:49 PM	377759
9:31 a.m.		814923
4:19 p.m.		718933
4:37 p.m.		951745
4:39 p.m.		559627
10:18 a.m.		272285
10:16 a.m.		276643
3:35 p.m.		873547
3:36 p.m.		515957
3:36 p.m.		940725
3:37 p.m.		335900
3:38 p.m.		149718
1:46 p.m.		224367
1:45 p.m.		529697
	1:14 PM	782109
	1:13 PM	636170
	1:13 PM	557886
	1:12 PM	171722
	1:12 PM	309085
	1:06 PM	577014
	1:11 PM	691290
	1:11 PM	636179
	1:10 PM	531671
	1:10 PM	440289
	1:09 PM	877322
	1:09 PM	193179
	1:08 PM	173731
	1:07 PM	103952
	4:44 PM	261924
8:42 a.m.		804131

22-Oct-08	27-Oct-08	10/27/2008
28-Oct-08	6-Nov-08	11/6/2008
20-Nov-08	1-Dec-08	12/1/2008
20-Nov-08	1-Dec-08	12/1/2008
20-Nov-08	1-Dec-08	12/1/2008
20-Nov-08	1-Dec-08	12/1/2008
20-Nov-08	1-Dec-08	12/1/2008
2-Dec-08	11-Dec-08	12/11/2008
2-Dec-08	8-Dec-08	12/8/2008
12-Dec-08	13-Jan-09	1/13/2009
6-Jan-09	13-Jan-09	1/13/2009
6-Jan-09	13-Jan-09	1/13/2009
6-Jan-09	13-Jan-09	1/13/2009
8-Jan-09	13-Jan-09	1/13/2009
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22-Jan-09	5-Feb-09	2/5/2009
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29-Jan-09	5-Feb-09	2/5/2009
4-Feb-09	5-Feb-09	2/5/2009
12-Mar-09	24-Apr-09	4/24/2009
25-Mar-09	24-Apr-09	4/24/2009
25-Mar-09	24-Apr-09	4/24/2009
14-Apr-09	24-Apr-09	4/24/2009
11-May-09	20-May-09	5/20/2009
12-Jun-09	30-Jun-09	6/30/2009
30-Jun-09		
30-Jun-09	6-Jul-09	7/6/2009
27-Jul-09	4-Aug-09	8/4/2009
27-Jul-09	4-Aug-09	8/4/2009
6-Aug-09	10-Aug-09	8/10/2009
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1-Dec-09	7-Dec-09	12/7/2009
4-Dec-09	7-Dec-09	12/7/2009
7-Dec-09	7-Dec-09	12/7/2009
9-Dec-09	13-Jan-10	1/13/2010

Category 3	20	15
Category 3	15	0
Category 3	15	0
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Category 1	10	10
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Category 3	250	0
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Category 3	10	0
Category 3	50	0
Category 3	200	0
Category 1	1000	100
Category 1	1000	100
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Category 1	1000	100
Category 1	1000	100
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Category 1	1000	100
Category 3	300	0
Category 3	35	0
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Category 1	100	75
Category 3	25	0
Category 1	140	0
Category 1	900	0
Category 1	500	0
Category 3	50	0
Category 3	450	0
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Category 3	100	0
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Category 3	120	0
Category 3	600	0
Category 3	50	0
Category 3	850	0
Category 1	100	70

0	No	Yes
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1	Yes	Yes
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22	No	Yes
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0	No	No
100	Yes	No
0	No	Yes
0	No	Yes
0	No	Yes
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900	No	Yes
900	No	Yes
1900	No	Yes
900	No	Yes
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900	No	Yes
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25	Yes	Yes
0	No	Yes
140	Yes	No
900	Yes	No
500	Yes	Yes
0	No	Yes
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0	No	Yes
0	No	Yes
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30	Yes	Yes

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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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32nd Street/San Dimas
1230 24th Street
Stolle Court/Margaret Court
1200 24th Street
Channel & Scenic Drive
6812 Gretchen Way
13017 Cheyenne Mountain Drive
3800 Auburn
1004 C Street
525 Oak Street
10900 Unser Court
1519 6th Street
1519 6th Street
Murdock and Robinson Street
525 Oak Street
2460 Cedar Street
200 Cypress Street
1116 K Street
3408 South Halfmoon Drive
30th and F Street
Fieldstone & Mesa Marin
Innwood & Innisfree
2540 Wible Road
Artimus Court
3017 Bank Street
1700 Clubview Drive
1700 Clubview Drive
Royal Coach
7214 Quailwood Drive
Wible Road
3400 Kimmie Rachelle Ct.
4200 and 4500 Idlerock Avenue
3300 and 3400 Rawhide
3400 Bridget Avenue
9100 Abigail Way
3508 Ashley Nicole
Alley east of Ashe south of North Halfmoon Drive
23rd Street between Eye and Chester Ave
32nd Street
23rd Street
32nd and San Dimas
501 West Columbus
Canteria @ Hwy 178
Columbus and San Dimas
4504 Idlerock
Herb/Nutmeg
4417 Idlerock Ct.
4300 Holster
Kimmie Rachelle Ct./Abigail Way
Tori Lorene/Abigail Way
Idlerock/Rhinestone
Idlerock/Jewelstone
1914 Truxtun Avenue
Fairfax Sanitary Sewer Lift Station
1914 Truxtun Avenue

35.388	-119.008	Kern
35.381	-119.015	Kern
35.33	-119.08	Kern
35.381	-119.015	Kern
35.294	-119.023	Kern
35.293	-119.023	Kern
35.408	-119.147	Kern
35.397	-118.951	Kern
35.367	-119.026	Kern
35.364	-119.039	Kern
35.393	-118.879	Kern
35.362	-119.019	Kern
35.362	-119.019	Kern
35.361	-118.988	Kern
35.364	119.039	Kern
35.383	119.029	Kern
35.357	119.036	Kern
35.367	119.017	Kern
35.323	119.069	Kern
35.386	-119.024	Kern
35.391	-118.882	Kern
35.33	-119.079	Kern
35.33	-119.038	Kern
35.308	-119.045	Kern
35.357	-119.036	Kern
35.34	-119.071	Kern
35.34	-119.071	Kern
35.408	-118.932	Kern
35.355	-119.086	Kern
35.274	-119.039	Kern
35.272	-119.041	Kern
35.271	-119.051	Kern
35.27	-119.04	Kern
35.271	-119.041	Kern
35.272	-119.041	Kern
35.273	-119.042	Kern
35.329	-119.073	Kern
35.38	-119.019	Kern
35.388	-119.008	Kern
35.379	-119.019	Kern
35.388	-119.008	Kern
35.397	-119.008	Kern
35.398	-118.89	Kern
35.397	-119.007	Kern
35.271	-119.052	Kern
35.324	-119.072	Kern
35.27	-119.052	Kern
35.399	-119.133	Kern
35.272	-119.041	Kern
35.272	-119.041	Kern
35.271	-119.051	Kern
35.27	-119.052	Kern
35.373	-119.024	Kern
35.411	-118.935	Kern
35.374	-119.023	Kern

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Pump station
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Other sewer system structure
Pump station
Manhole

Lamphole.

Lamphole up.
Sewer lift station failure.

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

Overflowed in parking lot.
Final spill into sump.
Alley way and street area.
Alley, curb and gutter.

Parking lot and street area.

Alley area.
Alley and gutter area.
Sump.

Storm catch basin.

Spilled into sidewalk area.

Gutter area in alley way.

Sump.

Alley

Catch basin at 1531 Eye Street.

Sump
Sump
38th Street and 'O' Street sump.
Sump south of Idlerock east of Jewelstone.
Sump
Sump south of Idlerock, east of Jewelstone.

Spilled to gutter area.
Gully north of lift station.

10/19/2008 16:30	10/19/2008 16:30	10/19/2008 17:00	10/19/2008 17:20
10/22/2008 13:44	10/22/2008 13:44	10/22/2008 13:44	10/22/2008 14:45
11/17/2008 8:35	11/17/2008 8:35	11/17/2008 9:00	11/17/2008 9:30
11/16/2008 14:40	11/16/2008 14:40	11/16/2008 15:00	11/16/2008 16:00
11/7/2008 10:15	11/7/2008 10:15	11/7/2008 10:45	11/7/2008 10:50
11/9/2008 0:00	11/9/2008 0:00	11/9/2008 0:00	11/9/2008 0:00
11/12/2008 23:00	11/12/2008 23:45	11/12/2008 23:45	11/12/2008 0:45
11/26/2008 21:10	11/26/2008 20:45	11/26/2008 21:10	11/26/2008 21:50
11/29/2008 13:00	11/29/2008 13:00	11/29/2008 13:20	11/29/2008 14:00
12/9/2008 8:18	12/9/2008 8:18	12/9/2008 8:25	12/9/2008 8:45
12/30/2008 14:00	12/30/2008 14:00	12/30/2008 14:51	12/30/2008 15:00
1/5/2009 7:50	1/5/2009 7:50	1/5/2009 8:10	1/5/2009 9:00
12/29/2008 17:30	12/29/2008 17:30	12/29/2008 17:30	12/29/2008 17:50
1/7/2009 13:22	1/7/2009 13:22	1/7/2009 13:35	1/7/2009 14:00
1/13/2009 9:45	1/13/2009 9:45	1/13/2009 9:45	1/13/2009 10:00
1/20/2009 7:00	1/20/2009 7:00	1/20/2009 7:15	1/20/2009 7:50
1/21/2009 12:50	1/21/2009 12:50	1/21/2009 1:15	1/21/2009 1:20
1/27/2009 6:30	1/27/2009 7:00	1/27/2009 7:40	1/27/2009 7:53
1/25/2009 13:20	1/25/2009 13:20	1/25/2009 14:00	1/25/2009 14:09
3/5/2009 16:30	3/5/2009 17:00	3/5/2009 17:30	3/5/2009 18:00
3/19/2009 18:45	3/19/2009 19:00	3/19/2009 19:00	3/19/2009 19:15
3/24/2009 20:00	3/24/2009 20:15	3/24/2009 20:55	3/24/2009 21:15
4/11/2009 14:00	4/11/2009 14:30	4/11/2009 15:00	4/11/2009 15:45
5/7/2009 8:05	5/7/2009 8:05	5/7/2009 8:20	5/7/2009 9:30
6/9/2009 8:15	6/9/2009 8:15	6/9/2009 8:15	6/9/2009 8:50
6/19/2009 19:50	6/19/2009 19:50	6/19/2009 19:50	6/19/2009 0:00
6/19/2009 19:50	6/19/2009 19:50	6/19/2009 21:15	6/19/2009 21:25
7/16/2009 0:00	7/16/2009 0:00	7/16/2009 0:00	7/16/2009 0:00
7/20/2009 8:30	7/20/2009 9:00	7/20/2009 9:10	7/20/2009 11:00
8/2/2009 11:50	8/2/2009 11:50	8/2/2009 12:00	8/2/2009 12:30
8/4/2009 11:00	8/4/2009 11:00	8/4/2009 11:50	8/4/2009 18:00
8/2/2009 11:00	8/2/2009 11:00	8/2/2009 11:50	8/2/2009 18:00
8/2/2009 11:00	8/2/2009 11:00	8/2/2009 11:50	8/2/2009 18:00
8/2/2009 11:00	8/2/2009 11:00	8/2/2009 11:50	8/2/2009 18:00
8/2/2009 11:00	8/2/2009 11:00	8/2/2009 11:50	8/2/2009 18:00
8/2/2009 11:00	8/2/2009 11:00	8/2/2009 11:50	8/2/2009 18:00
8/22/2009 15:10	8/22/2009 15:10	8/22/2009 16:11	8/22/2009 16:20
9/16/2009 11:00	9/16/2009 11:00	9/16/2009 11:05	9/16/2009 11:30
9/17/2009 15:00	9/17/2009 15:00	9/17/2009 15:30	9/17/2009 16:21
10/15/2009 14:30	10/15/2009 15:20	10/15/2009 16:00	10/15/2009 16:30
10/19/2009 11:13	10/19/2009 11:13	10/19/2009 11:13	10/19/2009 11:38
10/23/2009 23:00	10/23/2009 23:00	10/23/2009 0:20	10/23/2009 1:20
10/16/2009 10:00	10/16/2009 10:00	10/16/2009 10:23	10/16/2009 11:18
11/3/2009 18:00	11/3/2009 18:30	11/3/2009 19:35	11/3/2009 19:45
11/23/2009 10:14	11/23/2009 10:14	11/23/2009 10:14	11/23/2009 11:00
11/21/2009 20:00	11/21/2009 20:00	11/21/2009 20:00	11/21/2009 10:20
11/23/2009 10:08	11/23/2009 10:08	11/23/2009 10:08	11/23/2009 11:00
11/27/2009 9:30	11/27/2009 9:30	11/27/2009 9:30	11/27/2009 11:55
11/29/2009 10:00	11/29/2009 10:30	11/29/2009 11:00	11/29/2009 13:00
11/29/2009 10:00	11/29/2009 10:30	11/29/2009 11:00	11/29/2009 13:00
11/29/2009 10:00	11/29/2009 10:30	11/29/2009 11:00	11/29/2009 13:00
11/29/2009 10:00	11/29/2009 10:30	11/29/2009 11:00	11/29/2009 13:00
12/2/2009 14:35	12/2/2009 14:35	12/2/2009 14:35	12/2/2009 15:45
12/5/2009 10:00	12/5/2009 11:00	12/5/2009 11:30	12/5/2009 12:00
12/4/2009 8:00	12/4/2009 8:54	12/4/2009 9:05	12/4/2009 9:30

Debris
Debris
Grease deposition (FOG)
Pipe structural problem/failure
Pump station failure
Pump station failure
Grease deposition (FOG)
Debris
Debris
Grease deposition (FOG)
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Grease deposition (FOG)
Debri-General
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Grease deposition (FOG)
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Grease deposition (FOG)
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Grease deposition (FOG)
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Pump station failure
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Debri-General
Pump station failure
Debri-General

Grease and paper in main line.

Also grease.

Control relay failure in the control cabinet for the Fairfax sewer lift station caused the pumps to fail to start.

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

Tried to hydro at 1230 24th west, couldn't, then vacuumed with small combo unit. Removed 2 1/2 loads of sand and grit

Washed down and disinfected area.

Jetted line 5 feet in nd broke the stoppage then washed the area down with bleach and water.
Sprayed down area, added bleach and deodorized.

12/30/2008 15:00

1/20/2009 7:50

3/5/2009 18:00

5/7/2009 9:30

7/16/2009 14:08
7/20/2009 11:00
8/2/2009 12:30
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Other (specify below)

Washed debris into sewer manhole, washed down spill area into catch basin, sanitized area with bleach.

Washed down gutter area and manhole area with bleach.

Washed down and disinfected area with bleach.

Cleaned up mitigated effects of spill.

Washed down and disinfected area with bleach.
Investigated and determined location of stoppage. Hydroed west from manhole at Quailridge/Quailwood Drive approxim
Reset pump station and let it pump down. Bleached all areas that were overflowing and washed down those areas.
Checked pump station and got it up and going. Washed down the areas where manholes overflowed and also put bleach
Checked pump station and got it up and going. Washed down the areas where manholes overflowed and also put bleach
Checked pump station and got it up and going. Washed down the areas where manholes overflowed and also put bleach
Checked pump station and got it up and going. Washed down the areas where manholes overflowed and also put bleach
Checked pump station and got it up and going. Washed down the areas where manholes overflowed and also put bleach
Checked pump station and got it up and going. Washed down the areas where manholes overflowed and also put bleach

Washed majority of sewage back into manhole and sanitized area with bleach.

Hydro from manhole on west columbus/san dimas
Hydroed from manhole on Canteria north of 178, 2' north hit and cleared stoppage. Washed down and disinfected area.
Jetted line 5 feet in and broke stoppage then washed the area down with bleach and water.

Cleared the line, vacuumed spill from gutter area.

No

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N/A

N/A - Overflowed to gutter area.

N/A

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NA
N/A

N/A

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
Not applicable to this spill
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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

No water quality samples taken

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