

APPENDIX G
PRODUCTIVITY REPORT

**SEWER MAINTENANCE PRODUCTIVITY REPORT
COLLECTION SYSTEM - DIVISION LEVEL
FIELD WORK COMPLETED: January 1, 2013 to December 31, 2013
City of DIAMOND BAR**

Total Pipe Length (feet) as of December 31, 2013: 850,771

Total Manholes as of December 31, 2013: 3,532

PREVENTIVE MAINTENANCE ACTIVITIES

Sewer Pipe

- Hydro Cleaned (feet): 62,329
 - Periodic Cleaning (feet): 32,368
- Mechanically Rodded (feet): 37,379
 - Periodic Cleaning (feet): 24,355

Manholes

- Inspected: 7,064
- Adjusted: 13

SERVICE REQUESTS

Responded to:

- False Alarms: 21
- Stoppages: 0
- Overflows: 1
- Floodouts: 0
- Roach Complaints: 0
- Misc.: 7
- Others: 3
- Service Requests Responded to: 32

TELEVISIONING

Feet Televised: 797

ROOT CONTROL

Sewer Pipe Treated for Roots (feet): 250

CONSTRUCTION

Saddle Installation(s): 2

PUMP STATIONS

Total Number of Pump Stations: 9

Total Routine Maintenance/Repair: 1,311

Total Major Repairs: 51

Total Emergency Response: 25

ANNEXATIONS

Parcel(s) Annexed to the District: 2

ACCUMULATIVE CAPITAL OUTLAY PROJECTS

Sewer Projects Reconstructed/Rehabilitated: 1

**SEWER MAINTENANCE PRODUCTIVITY REPORT
COLLECTION SYSTEM - DIVISION LEVEL
FIELD WORK COMPLETED: January 1, 2014 to December 31, 2014
City of DIAMOND BAR**

Total Pipe Length (feet) as of December 31, 2014: 833,945

Total Manholes as of December 31, 2014: 3,532

PREVENTIVE MAINTENANCE ACTIVITIES

Sewer Pipe

- Hydro Cleaned (feet): 72,612
 - Periodic Cleaning (feet): 31,375
- Mechanically Rodded (feet): 33,252
 - Periodic Cleaning (feet): 22,510

Manholes

- Inspected: 7,064
- Adjusted: 12

SERVICE REQUESTS

Responded to:

- False Alarms: 11
- Stoppages: 0
- Overflows: 3
- Floodouts: 1
- Roach Complaints: 0
- Misc.: 4
- Others: 0
- Service Requests Responded to: 19

TELEVISIONING

Feet Televised: 1,190

ROOT CONTROL

Sewer Pipe Treated for Roots (feet): 0

CONSTRUCTION

Saddle Installation(s): 2

PUMP STATIONS

Total Number of Pump Stations: 9

Total Routine Maintenance/Repair: 1,063

Total Major Repairs: 33

Total Emergency Response: 17

ANNEXATIONS

Parcel(s) Annexed to the District: 2

ACCUMULATIVE CAPITAL OUTLAY PROJECTS

Sewer Projects Reconstructed/Rehabilitated: 1

**SEWER MAINTENANCE PRODUCTIVITY REPORT
COLLECTION SYSTEM – DIVISION LEVEL
FIELD WORK COMPLETED: JANUARY 1 TO DECEMBER 31, 2015
CITY OF DIAMOND BAR**

Total Pipe Length (feet) as of December 31, 2015: 834,094

Total Manholes as of December 31, 2015: 3,532

PREVENTIVE MAINTENANCE ACTIVITIES

Sewer Pipe

- Hydro Cleaned (feet): 500,044
 - Periodic Cleaning (feet): 32,193
- Mechanically Rodded (feet): 49,251
 - Periodic Cleaning (feet): 23,824

Manholes

- Inspected: 7,064
- Adjusted: 27

SERVICE REQUESTS

Responded to:

- Stoppages: 3
- Overflows: 4
- Flood-outs: 0
- Roach Complaints: 0
- Misc.: 3
- Other: 0
- False Alarms: 14
- Service Requests Responded to: 24

TELEVISIONING

Feet Televised: 398,926

ROOT CONTROL

Sewer Pipes Treated for Roots (feet): 550

CONSTRUCTION

Saddle Installation(s): 3

PUMP STATIONS

Total Number of Pump Stations: 9

Total Routine Maintenance/Repair: 1109

Total Major Repairs: 35

Total Emergency Response: 32

ANNEXATIONS

Parcel(s) Annexed to the CSMD: 3

ACCUMULATIVE CAPITAL OUTLAY PROJECTS

Sewer Projects Reconstructed/Rehabilitated: 1

**SEWER MAINTENANCE PRODUCTIVITY REPORT
COLLECTION SYSTEM – DIVISION LEVEL
FIELD WORK COMPLETED: JANUARY 1 TO DECEMBER 31, 2016
CITY OF DIAMOND BAR**

Total Pipe Length (feet) as of December 31, 2016: 834,094

Total Manholes as of December 31, 2016: 3,532

PREVENTIVE MAINTENANCE ACTIVITIES

Sewer Pipe

- Hydro Cleaned (feet): 306,072
 - Periodic Cleaning (feet): 33,286
- Mechanically Rodded (feet): 32,521
 - Periodic Cleaning (feet): 21,708

Manholes

- Inspected: 7,064
- Adjusted: 16

SERVICE REQUESTS

Responded to:

- Stoppages: 1
- Overflows: 0
- Flood-outs: 0
- Roach Complaints: 0
- Misc.: 2
- Other: 2
- False Alarms: 9
- Service Requests Responded to: 14

TELEVISIONING

Feet Televised: 213,531

ROOT CONTROL

Sewer Pipes Treated for Roots (feet): 930

CONSTRUCTION

Saddle Installation(s): 1

PUMP STATIONS

Total Number of Pump Stations: 9
Total Routine Maintenance/Repair: 1080
Total Major Repairs: 48
Total Emergency Response: 46

ANNEXATIONS

Parcel(s) Annexed to the CSMD: 0

ACCUMULATIVE CAPITAL OUTLAY PROJECTS

Sewer Projects Reconstructed/Rehabilitated: 0

**SEWER MAINTENANCE PRODUCTIVITY REPORT
COLLECTION SYSTEM – DIVISION LEVEL
FIELD WORK COMPLETED: JANUARY 1 TO DECEMBER 31, 2017
CITY OF DIAMOND BAR**

Total Pipe Length (feet) as of December 31, 2017: 838,621

Total Manholes as of December 31, 2017: 3,560

PREVENTIVE MAINTENANCE ACTIVITIES

Sewer Pipe

- Hydro Cleaned (feet): 11,988
 - Periodic Cleaning (feet): 34,917
- Mechanically Rodded (feet): 42,832
 - Periodic Cleaning (feet): 24,224

Manholes

- Inspected: 542
- Adjusted: 12

SERVICE REQUESTS

Responded to:

- Stoppages: 0
- Overflows: 2
- Flood-outs: 0
- Roach Complaints: 0
- Misc.: 2
- Other: 2
- False Alarms: 7
- Service Requests Responded to: 13

TELEVISIONING

Feet Televised: 2,080

ROOT CONTROL

Sewer Pipes Treated for Roots (feet): 750

CONSTRUCTION

Saddle Installation(s): 0

PUMP STATIONS

Total Number of Pump Stations: 9

Total Routine: 1,087

Maintenance/Repair: 32

Total Major Repairs: 27

Total Emergency Response: 0

ANNEXATIONS

Parcel(s) Annexed to the CSMD: 3

ACCUMULATIVE CAPITAL OUTLAY PROJECTS

Sewer Projects Reconstructed/Rehabilitated: 0

**SEWER MAINTENANCE PRODUCTIVITY REPORT
COLLECTION SYSTEM - CITY OF DIAMOND BAR**
Period from January 1 to December 31, 2018

Total pipe length (feet) as of December 31, 2018: 832,639
Total manholes as of December 31, 2018: 3,563

PREVENTIVE MAINTENANCE ACTIVITIES

Sewer Pipe
Hydro Cleaning (feet): 95,349
Periodic Cleaning (feet): 36,168
Mechanically Rodded (feet): 36,435
Periodic Cleaning (feet): 25,815

Manholes
Inspected: 7,126
Adjusted: 31

SERVICE REQUESTS

Responded to:
False Alarms: 6
Stoppages: 0
Overflows: 1
Floodouts: 0
Roach Complaints: 0
Misc.: 13
Other: 5
Service requests responded to: 25

TELEVISIONING

Feet Televised: 3,010

ROOT CONTROL

Sewer pipe treated for roots (feet): 300

CONSTRUCTION

Saddles Installed(s): 1

PUMP STATIONS

Total number of pump stations: 11
Total Routine Maintenance/Repair: 700
Total Major Repairs: 34
Total Emergency Response: 22

ANNEXATIONS

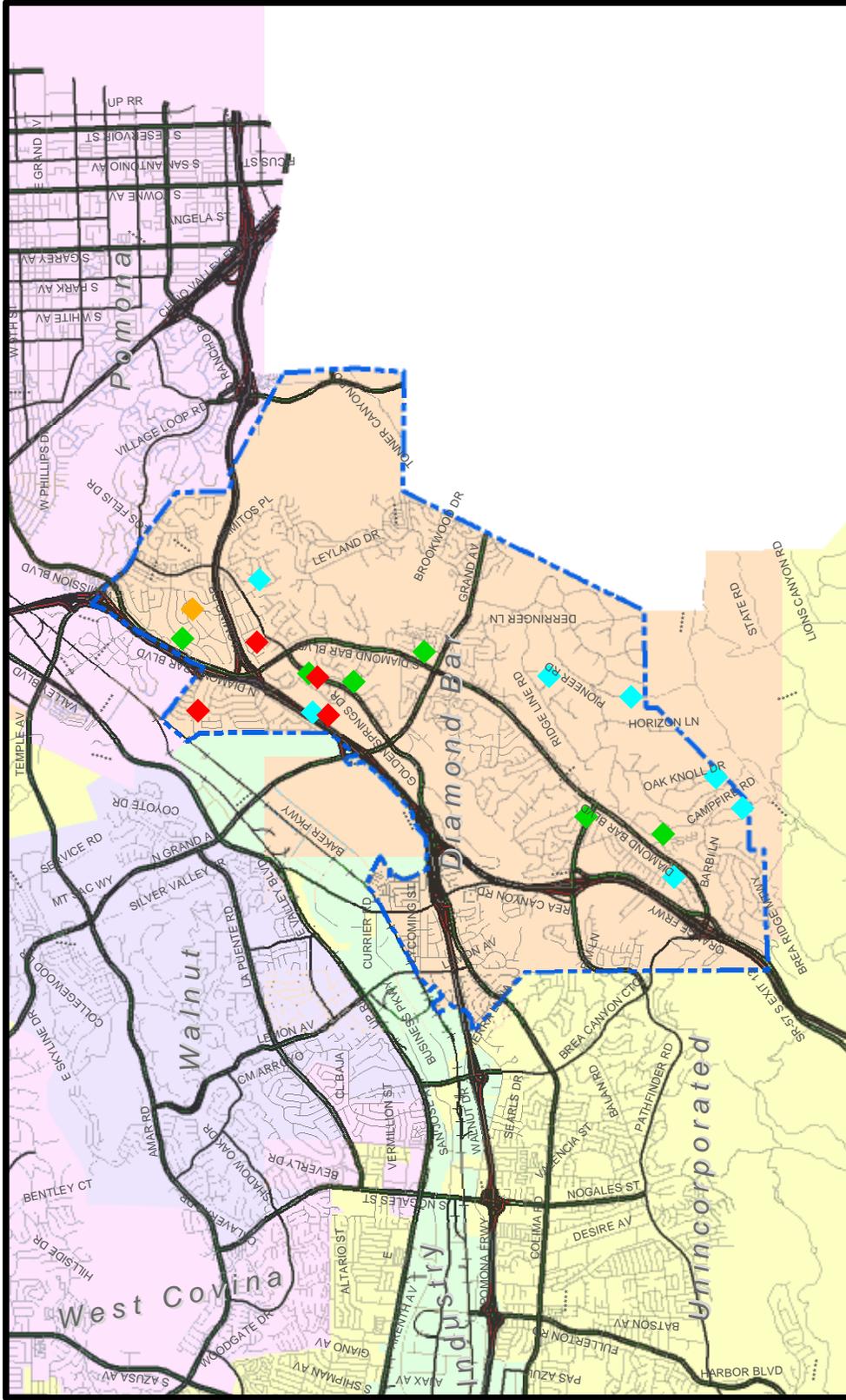
Parcel(s) annexed to the District:

ACCUMULATIVE CAPITAL OUTLAY PROJECTS

Sewer projects reconstructed/rehabilitated:

APPENDIX H
SANITARY SEWER OVERFLOW
LOCATION MAP

City of Diamond Bar Sewer Overflows — 2014 - 2018



REPORTED SEWER OVERFLOWS

See Attachment 1

Legend

- ◆ Root
- ◆ Grease
- ◆ Root_Grease
- ◆ Miscellaneous



ATTACHMENT --- 1

REPORT SEWER OVERFLOWS - 2014-2018

ID	DATE_	DESCRIPTION	CAUSE	EST_GAL	DUR_HRS	JUR
1	2/28/2014	Sunset Crossing Rd/Bower Cascade Pl	Heavy Root Balls	1200	2.5	DIA
2	3/2/2014	337 & 345 El Encino Dr/Twin Pines Ln	Heavy Roots & Grease	800	4	DIA
3	9/15/2014	22751 East Golden Springs Dr/Grand Ave	Heavy Grease	100	1	DIA
4	1/15/2015	2300 Presado Dr/Pathfinder Rd	Roots	100	1	DIA
5	2/23/2015	22615 Lazy Meadow Dr/Blaze Tree Rd	Roots & Grease	100	1.5	DIA
6	3/1/2015	2110 South Indian Creek Rd	Air Locked	4800	5	DIA
7	4/27/2015	23300 Golden Springs Dr	Heavy Grease	350	1.5	DIA
8	5/10/2015	Clear Creek Canyon Dr/South Diamond Bar Blvd	Heavy Roots	4500	3	DIA
9	7/1/2015	Crooked Creek Dr/Cold Springs Ln	Debris, grinds & calcium	100	3	DIA
10	10/8/2015	22744 Sunset Crossing Rd/Prospectors Rd	Debris & Grease	600	1.5	DIA
11	10/8/2015	2828 Steeplechase Ln/Shadow Canyon	Roots	50	27.5	DIA
12	2/1/2016	2878 Oak Knoll Dr (Oak Knoll Pump Station)	Power failure by storm	4750	8	DIA
13	12/23/2016	740 Golden Prados Dr / Golden Springs Dr	Roots	7100	8.5	DIA
14	1/22/2017	2878 Oak Knoll Dr / Woodbridge Ct (Oak Knoll Drive Pump Station)	Storm water inflow	984	0.5	DIA
15	1/22/2017	2893 Vista Ct / Crystal Ridge Dr (Vista Court Pump Station Wet Well)	Heavy volume of rain	758	0.5	DIA
16	2/8/2017	2108 Rusty Spur Road / Ridgeline Road	Sanitary rag stoppage	200	<null>	DIA
17	2/10/2017	Golden Springs Dr / Prospectors Rd	Roots	100	<null>	DIA
18	5/25/2017	22751 Golden Springs Dr / S Prospectors Rd Pump Station	Force Main Failure	4500	<null>	DIA
19	9/23/2017	23624 Prospect Valley Dr/ Palomino Dr	Grease	2500	25	DIA
20	11/9/2018	404 Ballena Dr/Bregante Dr	Calcium Deposits	75	1	DIA