



GAIL FARBER, Director

COUNTY OF LOS ANGELES

DEPARTMENT OF PUBLIC WORKS

"To Enrich Lives Through Effective and Caring Service"

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P.O. BOX 1460
ALHAMBRA, CALIFORNIA 91802-1460

June 5, 2013

IN REPLY PLEASE

REFER TO FILE: **SM-1**

Mr. Les M. Jones
Interim Director of Public Works
City of Rancho Palos Verdes
30940 Hawthorne Boulevard
Rancho Palos Verdes, CA 90275

Attention Mr. Ron Dragoo

Dear Mr. Jones:

CONSOLIDATED SEWER MAINTENANCE DISTRICT CONDITION ASSESSMENT PROGRAM REPORT PROJECT NO. Y0TV0910A

This letter is to inform you that as part of our Sewer Condition Assessment Program, the County of Los Angeles Department of Public Works Consolidated Sewer Maintenance District has completed the closed-circuit television inspection of 266,727 feet or 36.2 percent of the City of Rancho Palos Verdes' sewer system.

The enclosed report outlines the structural and maintenance ratings of your system based on the Pipeline Assessment and Certification Program's (PACP Version 6.0.1) rating methodology. Included in the report are the following:

- Condition Assessment Report
- Project Overview Map (Enclosure 1)
- Quick Maintenance Rating Report Priority List and Quick Maintenance Rating Map (Enclosure 2)
- High Water Levels List and Map (Enclosure 2)
- Infiltration List and Map (Enclosure 2)
- Quick Structural Rating Report Priority List and Quick Structural Rating Map (Enclosure 3)
- Infrastructure Inspection Reports for Grades 4 and 5 (Enclosure 4)

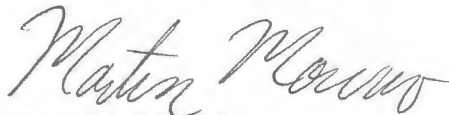
Mr. Les M. Jones
June 5, 2013
Page 2

The Condition Assessment Report provides details regarding the maintenance and structural condition of your City's sewer mainlines. This information should be included in your agency's Sewer System Management Plan as a reference in Chapter 8.0 System Evaluation and Capacity Assurance Plan. The segments with critical maintenance issues have been cleaned and, where appropriate, incorporated into our enhanced maintenance schedule for continued monitoring. In addition, the segments with severe structural defects have either been repaired or will be scheduled for repair as part of our ongoing Accumulative Capital Outlay Program.

If you have any questions regarding this report or the Condition Assessment Program, please contact Mr. Robert Swartz, Sewer Maintenance Division, at (626) 300-3367, Monday through Friday, 8 a.m. to 4 p.m., or rswartz@dpw.lacounty.gov.

Very truly yours,

GAIL FARBER
Director of Public Works



RAJESH PATEL
Assistant Deputy Director
Sewer Maintenance Division



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Enc.

bc: RP, MM, RS, FV, File (Project No. Y0TV0910A), SPINDLE

**CONDITION ASSESSMENT REPORT
COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS
CONSOLIDATED SEWER MAINTENANCE DISTRICT**

PROJECT NAME:	Y0TV0910A	PROJECT MGR:	Eric Liu
PROJECT DATE:	07/10/2009	CONTACT NO:	(626) 300-3369
SUP. DISTRICT(S):	4	MAP PAGE(S):	1545,1599,1601,1655
Report By:	Hanna Kebede	Report Date:	03/25/2013

INTRODUCTION

As part of the Sewer Condition Assessment Program, the County of Los Angeles Department of Public Works Consolidated Sewer Maintenance District (District) has completed the closed-circuit television (CCTV) inspection of 266,727 feet or 36.2 percent of the City of Rancho Palos Verdes' (City) sewer system as part of this condition assessment report.

To date, the District has completed the CCTV inspection of 502,131 feet or 68.2 percent of the City's sewer system. In addition to this report, three previous condition assessment reports dated January 9, 2009, August 5, 2009, and January 5, 2012 have been provided to your City for your information. Copies of these reports can also be found at the District's website at <http://dpw.lacounty.gov/smd/cctv/city/>. The remaining 31.8 percent of the City's sewer system is part of a current CCTV inspection project. A report of the condition of these sewers shall be generated within 12 months from the completion of this current project.

The Sewer Condition Assessment Program utilizes the Pipeline Assessment and Certification Program (PACP Version 6.0.1) Quick Rating methodology to rank the structural and maintenance condition of your system based on industry standards.

PROJECT AREA AND DESCRIPTION

Project No. Y0TV0910A included sewer lines located in the unincorporated County of Los Angeles and in the Cities of Agoura Hills, Rancho Palos Verdes, Rolling Hills Estates, and Westlake Village. Enclosed for your reference is an overview map of the project area within your City (Enclosure 1).

DEFECT GRADE DESCRIPTION

The Quick Rating indicates the number of occurrences for the highest severity grade for each pipe segment for either maintenance or structural defects. A grade of 1 indicates that a pipe segment is in excellent condition with minor defects while a grade of 5 indicates that a pipe segment may require immediate attention. A detailed breakdown of the five possible defect grades is as follows:

Grade	Defect Grade Description
1:	MINOR
2:	MINOR TO MODERATE
3:	MODERATE
4:	SIGNIFICANT
5:	MOST SIGNIFICANT

MAINTENANCE REPORT

Our inspection revealed that approximately 57.1 percent of the system televised was free of blockages or restrictions that would impede sewer flows. However, the remaining 42.9 percent of the inspected pipe segments within the City had a PACP maintenance grade of 3, 4 or 5 as indicated in the Quick Maintenance Rating Table shown below. These segments have been incorporated into our enhanced maintenance cleaning schedule with corrective action taken as noted on the Quick Maintenance Rating Report Priority List (Enclosure 2).

In addition, a color-coded map showing the quick maintenance rating for each pipe segment is provided in Enclosure 2.

QUICK MAINTENANCE RATING TABLE

DEFECT GRADE	PIPE LENGTH (FT)	PERCENT TOTAL INSPECTED PIPE LENGTH	NO. SEGMENTS
1: Minor	118,265	44.3	601
2: Minor to Moderate	34,034	12.8	159
3: Moderate	45,430	17.0	208
4: Significant	64,043	24.0	284
5: Most Significant	4,955	1.9	23
TOTAL	266,727	100.0	1275

Lateral Notices

Also included on the Quick Maintenance Rating Report Priority List are deficiencies discovered inside lateral connections to the mainline. The District does not maintain lateral lines. It is the responsibility of the property owner to maintain their respective lateral lines to facilitate the flow of wastewater from their property to the mainline. For this project, 492 notices will be sent to property owners in your City notifying them of the maintenance issues discovered in their lateral. A sample lateral notice letter is provided in Enclosure 2 for your reference.

High Water Levels

Our inspection revealed that approximately 96.5 percent of the system televised has adequate capacity. Approximately 3.5 percent of the segments inspected exhibited deficiencies associated with high water levels. Capacity of the sewer pipe can be determined by analyzing several PACP codes, including Water Level, Water Mark, and miscellaneous remarks, which indicated the camera was underwater or there were sags in the line. A sewer pipe can be considered at capacity when 50 percent of the diameter of sewer pipe is full of water. However, there are conditions in which the water level or water mark reached 50 percent or greater due to heavy flows in adjoining pipes, a temporary stoppage due to debris in the sewer lines, or a sag in the line. Therefore, additional review of all pipe segments with such high water level concerns was conducted to determine capacity issues, if any. All sewer pipes where Water Level, Water Mark, and miscellaneous remarks of camera underwater or sags in the line are at or above 50 percent capacity, have been listed and analyzed on the High Water Level table in Enclosure 2. The nature of these high water level conditions is also summarized on this table.

Infiltration

Our inspection revealed that approximately 0.3 percent of the system included in this project has infiltration within the pipe segment. Infiltration is the ingress of groundwater into the sewers through a defect or porous area of the pipe wall. All sewer pipes where infiltration was found are listed on the Infiltration Table (Enclosure 2). This table also provides the proposed corrective action for these impacted sewer segments. If a corrective method is proposed, the remediation will be scheduled in the next 24 months as part of the ongoing Accumulative Capital Outlay Project.

A map showing the sewer lines with high water levels and infiltration is provided in Enclosure 2.

STRUCTURAL REPORT

Our inspection revealed that approximately 90 percent of the inspected pipe segments within the City were free of severe structural defects. However, the remaining 10 percent of the inspected pipe segments had a PACP structural grade of 4 and 5 as indicated in the Quick Structural Rating Table shown below. These segments have been placed on a priority list based on the severity and need for action. For Items 1 through 119 in the Quick Structural Rating Report Priority List (Enclosure 3), which require a corrective action, the proposed repair or replacement will be scheduled in the next 24 months as part of the ongoing Accumulative Capital Outlay Project. A color-coded map showing the Quick Structural Rating for each pipe segment is located in Enclosure 3. Copies of the actual inspection report for these 119 segments are included in Enclosure 4.

QUICK STRUCTURAL RATING TABLE

DEFECT GRADE	PIPE LENGTH (FT)	PERCENT TOTAL INSPECTED PIPE LENGTH	NO. SEGMENTS
1: Minor	175,243	65.7	880
2: Minor to Moderate	24,258	9.1	107
3: Moderate	40,550	15.2	169
4: Significant	9,318	3.5	41
5: Most Significant	17,358	6.5	78
TOTAL	266,727	100.0	1275

FUTURE PROJECTS

The Sewer Condition Assessment Program will be performing future closed-circuit television (CCTV) inspection of the remaining sewer lines within the City of Rancho Palos Verdes according to the following schedule.

FISCAL YEAR	PROJECT NAME	LENGTH (FT)	PERCENTAGE OF SYSTEM	STATUS
2005-2006	Y0TV0506F	76,591	10.4	COMPLETED
2006-2007	Y0TV0607D	127,043	17.3	COMPLETED
2008-2009	Y0TV0809C	31,410	4.3	COMPLETED
2009-2010	Y0TV0910A	266,727	36.2	COMPLETED
2011-2012	Y0TV1112C	233,928	31.8	IN PROGRESS
TOTAL		735,699	100.0	

ENCLOSURE 1:

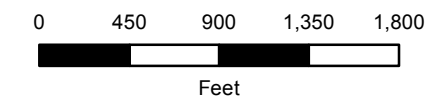
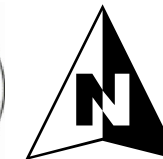
Project Overview Map

OVERVIEW MAP

CCTV PROJECT

Y0TV0910A

Rancho Palos Verdes



Legend

— SMD Sanitary Sewers

SMD Manholes

⊙ Other

Manhole Type

● Standard

▲ DROP

■ Shallow

◇ Trap

⊗ Siphon

■ SMD Pump Stations

■ SMD Treatment Plants

Maintained by Others:

— Trunk Sewerlines

--- Non SMD Sanitary Sewers

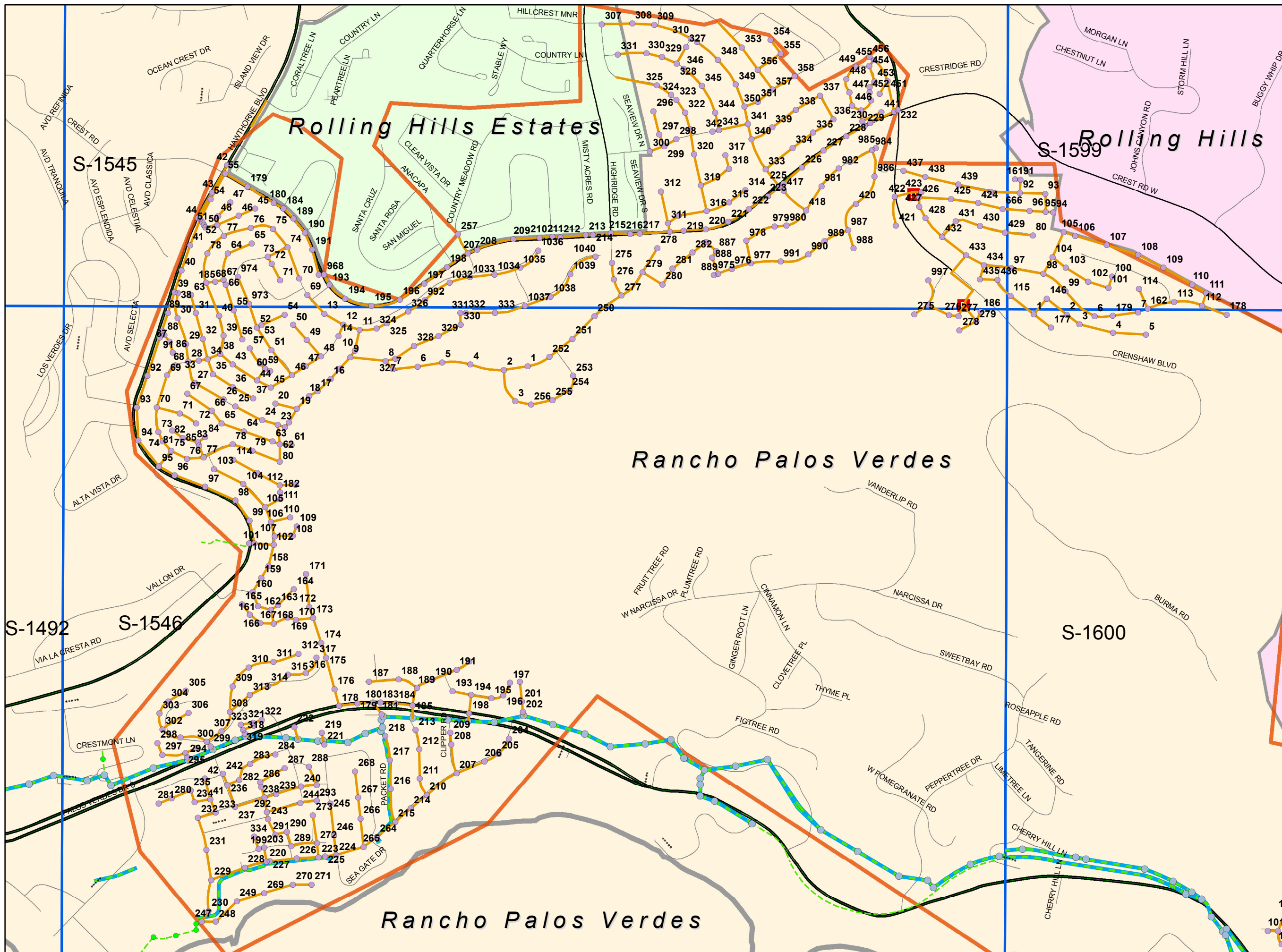
● Non SMD Maintained MH

□ SMD Operations Maps

□ Y0TV0910A

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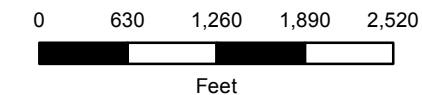
MARCH 2013



OVERVIEW MAP

CCTV PROJECT Y0TV0910A

Rancho Palos Verdes

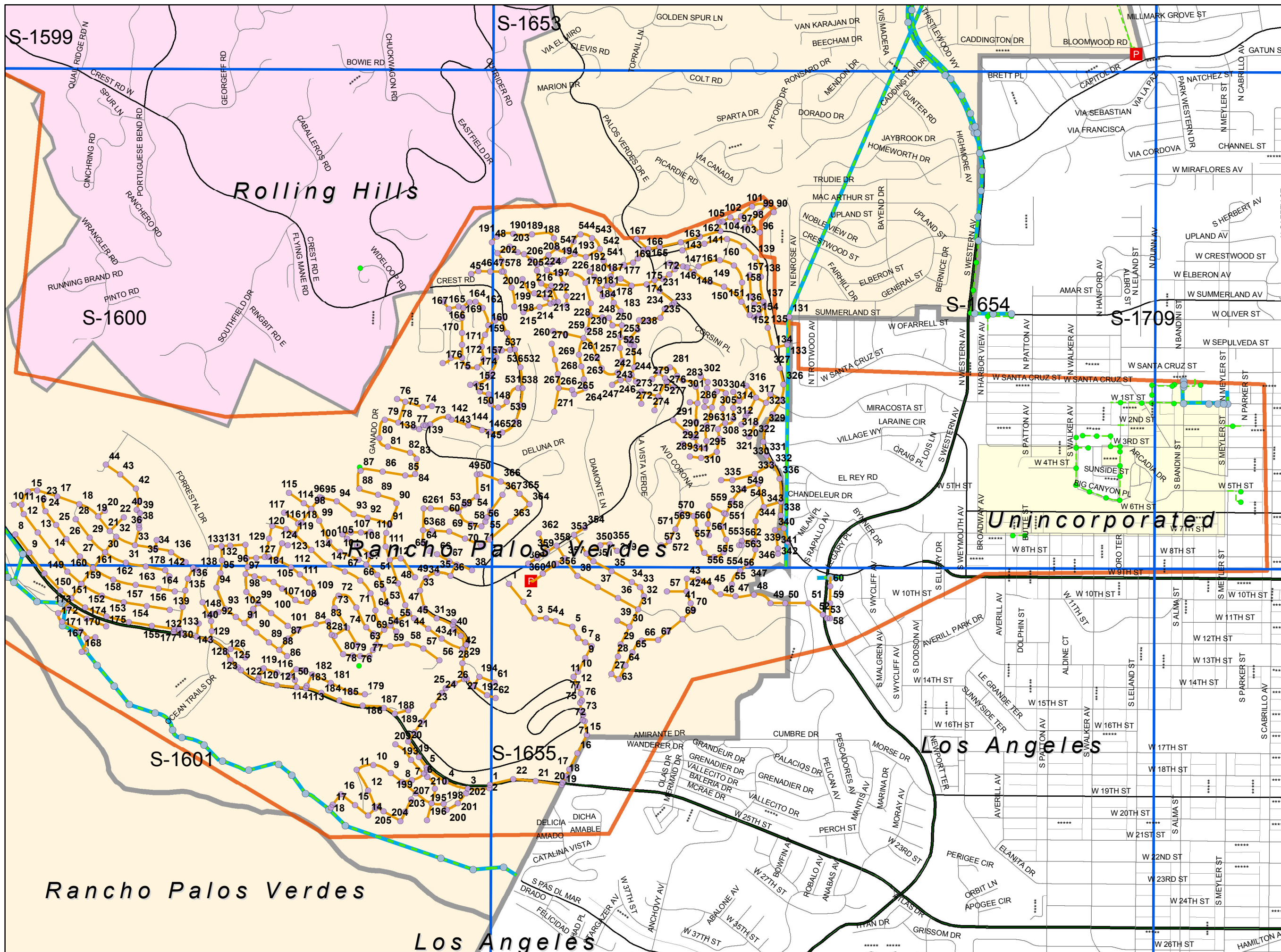


Legend

- SMD Sanitary Sewers
- SMD Manholes**
 - Other
 - Standard
 - DROP
 - Shallow
 - Trap
 - Siphon
 - SMD Pump Stations
 - SMD Treatment Plants
- Maintained by Others:**
 - Trunk Sewerlines
 - Non SMD Sanitary Sewers
 - Non SMD Maintained MH
- SMD Operations Maps
- Y0TV0910A

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MARCH 2013



Rancho Palos Verdes

Los Angeles

ENCLOSURE 2:

- Quick Maintenance Rating Report
Priority List
- Quick Maintenance Rating Map
- High Water Levels
- Infiltration
- High Water Levels and Infiltration Map
- Sample Lateral Notice Letter

ENCLOSURE 2
QUICK MAINTENANCE RATING REPORT PRIORITY LIST
RANCHO PALOS VERDES (Y0TV0910A)
as of 07/10/09

NO.	QMR	START MH	END MH	STREET	OBSERVATION	CORRECTIVE ACTION TAKEN	COMPLETED DATE
1	514A	1600-0093	1600-0094	EASEMENT	Debris	Hydrojet	08/19/2011
2	5149	1546-0031	1546-0032	EASEMENT	Roots Ball Barrel: 79' ;Camera under water	Rodded & Hydrojet	10/18/2011
3	5143	1601-0074	1601-0075	SEAGLEN DR	Root ball lateral : 101', 165' & 229' ; Intruding Lining Tap :287'	Hydrojet	09/29/2011
4	5143	1600-0082	1600-0081	GANADO DR	Intruding Lining Tap : 346' ; Roots Ball Lateral: 87',257' & 259'	Hydrojet	10/14/2011
5	5143	1546-0008	1546-0009	EASEMENT	Camera Underwater	Hydrojet	10/28/2011
6	5141	1601-0058	1601-0059	SEACLAIRE DR	Intruding Lining Tap : 82' ; Roots Ball Lateral: 30'	Hydrojet	08/16/2011
7	5141	1546-0187	1546-0188	TARRAGON RD	Roots Ball Barrel: 242' ;Roots Ball Lateral: 7',16',120' & 347'	Hydrojet	10/20/2011
8	5141	1546-0082	1546-0081	EASEMENT	Roots Ball Joint: 57'	Hydrojet	11/01/2011
9	5141	1546-0053	1546-0054	EASEMENT	Roots Ball Barrel : 246'; Roots Ball Lateral: 3',10',& 33'	Hydrojet	10/28/2011
10	5134	1600-0114	1600-0098	COOLHEIGHTS DR	Water Mark, 100 %; Water Level Sag, 35 %: 128'-143'	Hydrojet	08/19/2011
11	5132	1654-0099	1654-0098	EASEMENT	Obstacle Construction Debris :211'; Roots Medium Lateral: 120'	Hydrojet	09/01/2011
12	5132	1600-0131	1600-0133	PIRATE DR	Deposits Settled Compacted : 141'-143'; Roots Medium Lateral: 136'	Hydrojet	08/18/2011
13	5132	1600-0123	1600-0124	EASEMENT	Roots Ball Barrel :64' ;Roots Medium Joint: 9'	Hydrojet	09/29/2011
14	5132	1546-0113	1546-0112	EASEMENT	Root ball Medium lateral : 60'; Camera Underwater: 160'	Hydrojet	11/01/2011
15	5131	1654-0269	1654-0270	EASEMENT	Obstacle External Pipe: 246'	Hydrojet	09/30/2011
16	5131	1600-0033	1600-0036-A	VALOR PL	Obstacle Construction Debris: 89'	Hydrojet	10/18/2011
17	5131	1545-0073	1545-0072	EASEMENT	Roots Tap Barrel: 58'	Hydrojet	09/28/2011
18	5121	1546-0295	1546-0294	PALOS VERDES DR S	Obstacle Built Into Structure: 16'	Grind	08/03/2012
19	5117	1546-0202	1546-TRNK	EASEMENT	Water Level, 100 %: 29'	Hydrojet	08/09/2012
20	5100	1655-0022	1601-0001	25TH ST	Water Mark, 90 %: 19'	No action needed.	N/A
21	5100	1655-0009	1655-0008	EASEMENT	Obstacle Other, inside the MH: 198'	Hydrojet	10/13/2011
22	5100	1546-0318	1546-0319	EASEMENT	Obstacle Built Into Structure: 0'	Hydrojet	10/19/2011
23	5100	1546-0248	1546-0247	EASEMENT	Obstacle Construction Debris: 16'	Hydrojet	08/02/2012
24	4F00	1654-0238	1654-0239	EASEMENT	Water Level Sag, 85 % & Camera Underwater: 59'-128'	Hydrojet	09/11/2011
25	4D3J	1600-0088	1600-0089	GANADO DR	Water Level Sag,45 % & Camera Underwater: 75'-270'	Hydrojet	10/14/2011
26	4B3E	1545-0437	1545-0438	VALLEY VIEW RD	Water Level Sag,35 % & Camera Underwater: 0'-115'	Hydrojet	11/21/2011
27	4B3A	1655-0027A	1655-0063	EASEMENT	Water Level Sag,55 % & Camera Underwater: 95'-138'	Hydrojet	08/12/2011
28	4A3E	1654-0232	1654-0231	PALOS VERDES DR E	Camera Underwater: 81'-125', Roots Ball Lateral: 8', 10', & 64'	Hydrojet	09/01/2011
29	4A35	1545-0439	1545-0438	VALLEY VIEW RD	Deposits Attached Encrustation & Camera Underwater: 234'-277'	Hydrojet	11/21/2011
30	4A34	1601-0056	1601-0057	SEACLAIRE DR	Camera Underwater: 269'-318' & Roots Ball Lateral:6', 22',96' & 227'	Hydrojet	08/18/2011
31	4A31	1600-0105	1600-0104	CLIFFSITE DR	Camera Underwater: 0'-10' & Roots Ball Lateral: 37',102' & 162'	Hydrojet	08/18/2011
32	4A2H	1546-0002	1546-0004	OCEAN TERRACE DR	Camera Underwater: 126'-188'	Hydrojet	11/21/2011
33	4924	1600-0162	1600-0160	PASEO DE CASTANA	Water Level Sag,55 % & Camera Underwater:219'-222'	Hydrojet	08/19/2011
34	4831	1601-0073-A	1601-0074	SEAGLEN DR	Camera Underwater: 209'-232' & Roots Ball Lateral: 85',253' & 290'	Hydrojet	08/17/2011
35	4821	1654-0537	1654-0536	EASEMENT	Alignment Down:15%-75%	No action needed.	N/A
36	4700	1655-0063	1655-0064	EASEMENT	Water Level Sag, 65 % & Camera Underwater: 4'-29'	Hydrojet	08/12/2011
37	4534	1654-0156	1654-0157	EASEMENT	Roots Ball Joint : 244' & Roots Ball Lateral:12', 97',124' & 233'	Hydrojet	09/16/2011
38	4532	1601-0065	1601-0064	HIGHIDE DR	Camera Underwater: 177'-197' & Roots Ball Lateral: 205' & 278'	Hydrojet	08/16/2011
39	4512	1601-0057	1601-0058	SEACLAIRE DR	Water Level Sag, 90 % & Camera Underwater: 0'-15'	Hydrojet	08/17/2011
40	4432	1601-0080	1601-0082	GULFCREST DR	Roots Ball Connection & latera1: 106',135', 199',207',234' & 271'	Hydrojet	08/17/2011
41	4431	1654-0241	1654-0242	EASEMENT	Roots Ball Lateral: 65',79', 154', 167' & 307'	Lateral notice will be sent to property owner.	N/A
42	4431	1601-0070	1601-0071	SEAGLEN DR	Roots Ball Connection & latera1: 41',115', 163',228" & 312'	Hydrojet	08/16/2011

ENCLOSURE 2
QUICK MAINTENANCE RATING REPORT PRIORITY LIST
RANCHO PALOS VERDES (Y0TV0910A)
as of 07/10/09

NO.	QMR	START MH	END MH	STREET	OBSERVATION	CORRECTIVE ACTION TAKEN	COMPLETED DATE
43	4422	1600-0086	1600-0087	GANADO DR	Roots Ball Lateral: 89',97', 162' & 174'	Lateral notice will be sent to property owner.	N/A
44	4415	1601-0175	1601-0174	PALOS VERDES DR S	Roots Ball Lateral: 28',98', 236' & 310'	Lateral notice will be sent to property owner.	N/A
45	4338	1600-0098	1600-0116	EASEMENT	Roots Medium Joint : multiple place	Hydrojet	08/19/2011
46	4334	1546-0217	1546-0216	PACKET RD	Roots Medium Joint :176' -183' & Roots Ball Lateral:15',111',224' & 288'	Hydrojet	10/19/2011
47	4333	1601-0174	1601-0173	PALOS VERDES DR S	Roots Ball Connection: 95' &240' & latera1: 24',95', 166' & 240'	Hydrojet	09/29/2011
48	4333	1601-0089	1601-0090	SEARAVEN DR	Roots Ball Joint: 5' &10' ; Roots Ball Lateral: 4'	Hydrojet	08/17/2011
49	4333	1600-0102	1600-0101	COOLHEIGHTS DR	Roots Medium Barrel & Roots Ball Joint: 166', 168',175',186' &196'	Hydrojet	08/19/2011
50	4333	1546-0069	1545-0013	SATTES DR	Roots Ball Connection ; Roots Ball Lateral: 5' & 108'	Hydrojet	10/20/2011
51	4332	1601-0197	1601-0105	VIGILANCE DR	Roots Medium Joint : 69' & 129' ; Roots Ball Lateral: 20' & 32'	Rodded & Hydrojet	08/10/2011
52	4332	1601-0066	1601-0065	HIGHIDE DR	Roots Ball Lateral: 16', 85', 157', 224' & 298'	Lateral notice will be sent to property owner.	N/A
53	4331	1654-0143	1654-0142	MIRALESTE DR	Roots Ball Lateral: 5',268', 292' & 350'	Lateral notice will be sent to property owner.	N/A
54	4331	1601-0173	1601-0172	YACHT HARBOR DR	Alignment Right: 25%; Roots Ball Lateral: 51'	No action needed.	N/A
55	4331	1601-0063	1601-0060	FLOWERIDGE DR	Roots Ball Lateral: 42',55', 114' & 177'	Lateral notice will be sent to property owner.	N/A
56	4331	1601-0053	1601-0054	COOLHEIGHTS DR	Roots Ball Lateral: 67',75', 144' & 184'	Lateral notice will be sent to property owner.	N/A
57	4331	1600-0075	1600-0074	GREVE DR	Tap Factory Intruding: 184' ; Roots Ball Lateral: 41',44' & 146'	Hydrojet	10/14/2011
58	4331	1545-0309	1545-0308	WHITLEY COLLINS DR	Roots Ball Connection: 254'; Roots Ball Lateral: 11',194',254' & 283'	Hydrojet	08/05/2011
59	4327	1546-0249	1546-0248	EASEMENT	Camera Underwater: 298'-312'	Hydrojet	08/02/2012
60	4322	1600-0126	1600-0127	EASEMENT	Roots Ball Joint: 207' ; Alignment Down:15%-45%	Hydrojet	08/18/2011
61	4321	1654-0150	1654-0151	VIA SIENA	Roots Ball Lateral: 59', 73' & 175'	Lateral notice will be sent to property owner.	N/A
62	4321	1654-0132	1654-0131	EASEMENT	Roots Ball Lateral: 67', 116' & 283'	Lateral notice will be sent to property owner.	N/A
63	431A	1600-0113	1600-0112	HAWKSMOOR DR	Roots Ball Lateral: 76', 94' & 133'	Lateral notice will be sent to property owner.	N/A
64	4312	1654-0215	1654-0214	PRIVATE ROAD	Alignment Right: 25%; Roots Ball Lateral: 53' & 78'	No action needed.	N/A
65	423A	1546-0266	1546-0265	EASEMENT	Roots Medium Joint : 113' - 134' & 171' ; Roots Ball Lateral: 33',121' & 228'	Hydrojet	08/02/2012
66	4236	1546-0070	1546-0073	CARTIER DR	Roots Medium Barrel : 230'-252'	Hydrojet	08/12/2011
67	4236	1546-0031	1545-0063	EASEMENT	Roots Medium Joint:119' ; Obstacle Rocks: 191'-199' ; Roots Medium Lateral :119'	Rodded & Hydrojet	10/18/2011
68	4235	1599-0113	1599-0112	OCEANAIRE DR	Roots	Hydrojet	08/19/2011
69	4234	1654-0269	1654-0268	NEWBRIDGE DR	Roots Ball Connection : 201' ; Roots Ball Lateral: 61',201' ,235' & 293'	Hydrojet	08/11/2011
70	4234	1600-0005	1600-0004	EASEMENT	Roots Ball Connection : 2', 3', 22' & 52'	Hydrojet	08/17/2012
71	4234	1599-0108	1599-0109	EASEMENT	Roots Ball Connection : 60' ; Roots Ball Lateral: 60' & 183'	Hydrojet	08/14/2012
72	4233	1654-0149	1654-0150	VIA SIENA	Roots Ball Connection : 34' ; Roots Ball Lateral: 34',192' ,193',247' & 325'	Rodded & Hydrojet	08/09/2011
73	4233	1600-0085	1600-0086	GANADO DR	Roots Medium Joint :2', 20' ; Roots Ball Lateral: 20' , 104', 186' & 301'	Hydrojet	10/14/2011
74	4233	1546-0101	1546-0102	EASEMENT	Roots Ball Connection : 157' & 166'	Rodded & Hydrojet	10/18/2011
75	4232	1654-0135	1654-0134	MIRALESTE DR	Roots Medium Joint:145' ; Roots Ball Lateral: 8',83' & 145'	Rodded & Hydrojet	08/09/2011
76	4232	1601-0064	1601-0063	HIGHIDE DR	Roots Ball Lateral: 40',160', 218' & 280'	Lateral notice will be sent to property owner.	N/A
77	4232	1600-0110	1600-0111	GANADO DR	Roots Medium Joint : 66' ; Roots Ball Lateral:66' & 141'	Hydrojet	08/18/2011
78	4232	1600-0034	1600-0035	HELM PL	Roots Medium Barrel: 134'-142' ; Roots Medium Lateral :119'	Hydrojet	10/18/2011
79	4232	1546-0200	1546-0201	EASEMENT	Roots Medium Joint : 64' ; Roots Ball Lateral:51' & 59'	Grind	08/09/2012
80	4232	1546-0112	1546-0115	EASEMENT	Roots Ball Joint: 84' & 95'	Hydrojet	11/01/2011
81	4232	1545-0423	1545-0422	EASEMENT	Roots Ball Joint: 18', 21', & 47'	Hydrojet	10/27/2011
82	4232	1545-0347	1545-0348	WHITLEY COLLINS DR	Roots Medium Joint: 217' ; Roots Ball Lateral: 152',217' ,251' & 269'	Hydrojet	10/21/2011
83	4231	1654-0160	1654-0159	VIA LORENZO	Roots Ball Lateral: 113', 164' & 174'	Lateral notice will be sent to property owner.	N/A
84	4231	1654-0148	1654-0149	VIA SIENA	Roots Ball Lateral:20', 72' & 134'	Lateral notice will be sent to property owner.	N/A

ENCLOSURE 2
QUICK MAINTENANCE RATING REPORT PRIORITY LIST
RANCHO PALOS VERDES (Y0TV0910A)
as of 07/10/09

NO.	QMR	START MH	END MH	STREET	OBSERVATION	CORRECTIVE ACTION TAKEN	COMPLETED DATE
85	4231	1601-0178	1600-0031	STALWART DR	Roots Ball Lateral: 145' & 246'	Lateral notice will be sent to property owner.	N/A
86	4231	1601-0170	1601-0167	MARITIME RD	Roots Ball Lateral:31', 60' & 114'	Lateral notice will be sent to property owner.	N/A
87	4231	1601-0102	1601-0103	EASEMENT	Alignment Down:45% - 80%	No action needed.	N/A
88	4231	1601-0100	1601-0099	PHANTOM DR	Roots Ball Lateral: 58', 120' & 292'	Lateral notice will be sent to property owner.	N/A
89	4231	1601-0049	1600-0113	HAWKSMOOR DR	Roots Ball Lateral: 8', 31' & 90'	Lateral notice will be sent to property owner.	N/A
90	4231	1600-0079	1600-0080	GANADO DR	Roots; Roots Ball Lateral:32' & 280'	Hydrojet	10/14/2011
91	4231	1600-0059	1600-0060	DELUNA DR	Roots Ball Lateral: 20' & 205'	Lateral notice will be sent to property owner.	N/A
92	4231	1600-0036-A	1600-0033	VALOR PL	Deposits Settled Compacted : 29'-32'	Hydrojet	10/18/2011
93	4231	1600-0018	1600-0017	DAUNTLESS DR	Roots Ball Lateral:14', 72' & 84'	Lateral notice will be sent to property owner.	N/A
94	4231	1599-0102	1599-0101	EASEMENT	Roots Ball Joint : 37' & 112'	Hydrojet	08/19/2011
95	4231	1546-0220	1546-0228	SEACOVE DR	Grease & Roots ; Roots Ball Lateral: 57',98' & 105'	Hydrojet	10/19/2011
96	4231	1546-0050	1546-0049	CHERET PL	Roots Ball Lateral: 61', 114' & 192'	Lateral notice will be sent to property owner.	N/A
97	4231	1546-0022	1546-0023	RHONE DR	Roots Ball Joint : 20' & 31' ; Roots Medium Lateral: 9'	Hydrojet	10/20/2011
98	4231	1545-0974	1545-0973	MATISSE DR	Roots Ball Connection :73' ; Roots Ball Lateral: 299' & 311'	Hydrojet	11/21/2011
99	4231	1545-0350	1545-0341	WHITLEY COLLINS DR	Roots Ball Lateral: 74', 92' & 149'	Lateral notice will be sent to property owner.	N/A
100	4231	1545-0344	1545-0343	QUAILWOOD DR	Roots Ball Lateral: 31', 48' & 86'	Lateral notice will be sent to property owner.	N/A
101	4231	1545-0330	1545-0331	QUAILWOOD DR	Roots Ball Lateral: 199' & 311'	Lateral notice will be sent to property owner.	N/A
102	4231	1545-0322	1545-0321	STONECREST RD	Roots Ball Lateral: 76', 118' & 161'	Lateral notice will be sent to property owner.	N/A
103	4222	1600-0041	1600-0040	EASEMENT	Alignment Down:45% -55%	No action needed.	N/A
104	4222	1546-0079	1546-0080	CARTIER DR	Obstacle Other: 187' and Roots Ball Lateral: 52' & 163'	Hydrojet	08/12/2011
105	421S	1546-0191	1546-0190	BARKENTINE RD	Roots Ball Lateral: 86' & 197'	Lateral notice will be sent to property owner.	N/A
106	421J	1601-0082	1601-0083	GULFCREST DR	Roots Ball Lateral: 51' & 148'	Lateral notice will be sent to property owner.	N/A
107	421F	1654-0268	1654-0267	NEWBRIDGE DR	Roots Ball Lateral: 16' & 122'	Lateral notice will be sent to property owner.	N/A
108	421E	1546-0052	1546-0051	MATISSE DR	Roots Ball Lateral: 177' & 276'	Lateral notice will be sent to property owner.	N/A
109	421B	1601-0098	1601-0099	PHANTOM DR	Roots Ball Lateral: 122' & 197'	Lateral notice will be sent to property owner.	N/A
110	421A	1654-0152	1654-0153	VIA SIENA	Roots Ball Connection : 5' ; Roots Ball Lateral: 5'& 35'	Rodded & Hydrojet	08/09/2011
111	421A	1600-0008	1600-0009	PALOS VERDES DR S	Roots Ball Lateral: 8' & 56'	Lateral notice will be sent to property owner.	N/A
112	421A	1599-0103	1599-0104	EASEMENT	Roots Ball Lateral: 48' & 133'	Lateral notice will be sent to property owner.	N/A
113	4219	1654-0234	1654-0233	EASEMENT	Roots Ball Lateral: 57' & 91'	Lateral notice will be sent to property owner.	N/A
114	4215	1654-0214	1654-0213	EASEMENT	Alignment Down: 60%	No action needed.	N/A
115	4212	1601-0052	1601-0053	COOLHEIGHTS DR	Roots Ball Lateral: 166' & 199'	Lateral notice will be sent to property owner.	N/A
116	4211	1654-0206	1654-0205	EASEMENT	Roots Ball Lateral: 48'	Lateral notice will be sent to property owner.	N/A
117	4211	1654-0163	1654-0162	MIRALESTE DR	Roots Ball Lateral: 215' & 338'	Lateral notice will be sent to property owner.	N/A
118	4211	1654-0097	1654-0098	EASEMENT	Grease	Hydrojet	09/30/2011
119	4211	1601-0182	1601-0183	EASEMENT	Roots Ball Connection : 177' ;Roots Medium Barrel inside MH 183 Roots Ball Lateral:	Hydrojet	09/29/2011
120	4211	1601-0069	1601-0070	SEAGLEN DR	Roots Ball Lateral: 5' & 128'	Lateral notice will be sent to property owner.	N/A
121	4200	1654-0339	1654-0340	SUANA DR	Roots Ball Lateral: 73' & 110'	Lateral notice will be sent to property owner.	N/A
122	4200	1654-0322	1654-0321	KINGSRIDGE DR	Water Level Sag,55 % & Camera Underwater: 106'-120'	Hydrojet	08/30/2011
123	4200	1601-0151	1601-TRNK	PALOS VERDES DR S	Deposits Attached Encrustation: 108'	Hydrojet	08/25/2011
124	4200	1546-0329	1546-0328	EASEMENT	Infiltration inside both MH 329 & 328	No action needed.	N/A
125	4200	1546-0015	1546-0009	EASEMENT	Camera Underwater: 85'-93'	Hydrojet	10/28/2011
126	4200	1545-0343	1545-0342	SCOTWOOD DR	Roots Ball Lateral: 34' & 73'	Lateral notice will be sent to property owner.	N/A

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NO.	QMR	START MH	END MH	STREET	OBSERVATION	CORRECTIVE ACTION TAKEN	COMPLETED DATE
127	413F	1654-0173	1654-0172	ALLEY	Water Level Sag, 35 %; Roots Ball Lateral: 64'	Hydrojet	08/26/2011
128	413B	1600-0121	1600-0122	OCEANGROVE DR	Water Level Sag,40 % ; Camera Underwater: 227' ; Roots Medium Lateral: 67'	Hydrojet	09/29/2011
129	413A	1546-0036	1546-0037	EASEMENT	Roots Ball Joint : 17' &70'	Hydrojet	10/28/2011
130	4136	1599-0080	1545-0429	CRESTWIND DR	Roots Ball Joint: 190'	Hydrojet	10/21/2011
131	4135	1600-0175	1600-0176	EASEMENT	Deposits Attached Encrustation: 105'-137'	Hydrojet	08/19/2011
132	4135	1546-0328	1546-0327	EASEMENT	Water Level Sag,40 % ; Infiltration inside MH 0328	Hydrojet	08/10/2012
133	4133	1654-0359	1654-0360	PALOS VERDES DR E	Deposits Ingressed Other & Roots	Hydrojet	08/31/2011
134	4133	1601-0166	1601-0167	SEA HORSE LN	Roots Ball Connection :7' ; Roots Ball Lateral: 7',10' & 32'	Hydrojet	08/25/2011
135	4133	1600-0125	1600-0124	EASEMENT	Roots Ball Joint Multiple place	Hydrojet	08/18/2011
136	4133	1546-0111	1546-0182	EASEMENT	Roots Medium Joint: 26' & 43'	Hydrojet	11/01/2011
137	4133	1546-0083	1546-0084	EASEMENT	Roots Ball Connection: 92'	Hydrojet	11/01/2011
138	4133	1545-0312	1545-0311	KEN ROED	Roots Medium Joint: 102' & 297' ; Roots Ball Lateral: 6' & 122'	Hydrojet	08/05/2011
139	4132	1655-0002	1655-0003	SAN RAMON DR	Roots Ball Lateral: 26', 103' & 139'	Lateral notice will be sent to property owner.	N/A
140	4132	1654-0271	1654-0267	NEWRIDGE DR	Roots Ball Connection :78' ; Roots Ball Lateral: 78', 249' & 259'	Hydrojet	08/11/2011
141	4132	1601-0197	1601-0104	VIGILANCE DR	Roots Ball Lateral: 56' & 73'	Lateral notice will be sent to property owner.	N/A
142	4132	1601-0089	1601-0088	SEARAVEN DR	Roots Ball Joint : 13'	Hydrojet	08/17/2011
143	4132	1601-0087	1601-0088	HEROIC DR	Roots Medium Joint: 109' ; Roots Ball Lateral: 147' & 165'	Hydrojet	08/17/2011
144	4132	1601-0071	1601-0072	SEAGLEN DR	Roots Ball Lateral: 52', 156' & 240'	Lateral notice will be sent to property owner.	N/A
145	4132	1600-0101	1600-0100	COOLHEIGHTS DR	Roots Ball Lateral: 37' & 91'	Lateral notice will be sent to property owner.	N/A
146	4132	1600-0071	1600-0070	CORINNA DR	Roots Ball Lateral: 14', 149' & 257'	Lateral notice will be sent to property owner.	N/A
147	4132	1600-0031	1600-0030	STALWART DR	Roots Medium Connection: 150'-153' ; Roots Ball Lateral: 128' & 151'	Hydrojet	08/10/2012
148	4132	1599-0102	1599-0103	EASEMENT	Roots Ball Connection: Multiple place ; Roots Ball Lateral: 102'	Hydrojet	08/19/2011
149	4132	1546-0278	1546-0279	EASEMENT	Roots Medium Connection: 76' ; Deposits Attached : 204'; Roots Ball Lateral: 76'	Grind	08/03/2012
150	4132	1546-0216	1546-0215	PACKET RD	Obstacle Rocks : 160' ; Roots Ball Lateral: 77' & 220'	Hydrojet	10/19/2011
151	4132	1546-0206	1546-0207	SEACOVE DR	Roots Ball Lateral:101', 197' & 310'	Lateral notice will be sent to property owner.	N/A
152	4132	1546-0113	1546-0114	EASEMENT	Roots Ball Connection: 131' & 280' ; Roots Ball Lateral: 131' & 280'	Hydrojet	11/01/2011
153	4132	1546-0111	1546-0105	EASEMENT	Roots	Rodded & Hydrojet	10/18/2011
154	4132	1546-0074	1546-0073	CARTIER DR	Roots Medium Joint:93, 118,& 124	Hydrojet	08/12/2011
155	4132	1546-0066	1546-0065	EASEMENT	Obstacle & Roots Ball Joint : 22'-25'	Hydrojet	10/25/2011
156	4132	1546-0059	1546-0060	EASEMENT	Roots Medium Joint: 13' & 50' ; Roots Ball Lateral: 8'	Hydrojet	10/26/2011
157	4132	1545-0327	1545-0328	NORTHBAY RD	Roots Medium Joint : Multiple place ; Roots Ball Lateral: 83' & 182'	Hydrojet	08/05/2011
158	4132	1545-0191	1545-0190	CREST ROAD	Roots Medium Joint: 6' ; Roots Ball Lateral: 64' & 168'	Hydrojet	08/05/2011
159	4131	1655-0057	1655-0042	PRIVATE ROAD	Roots Ball Joint: 262'	Hydrojet	08/12/2011
160	4131	1655-0007	1655-0008	EASEMENT	Roots Ball Joint: 111'	Hydrojet	08/12/2011
161	4131	1654-0560	1654-0559	EASEMENT	Roots Medium Connection:19' ; Roots Ball Lateral: 19'	Hydrojet	09/16/2011
162	4131	1654-0555	1654-0554	DELADIER DR	Roots Medium Connection: 168' ;	Hydrojet	08/26/2011
163	4131	1654-0525	1654-0253	KNOLL VIEW DR	Roots Ball Connection: 57' & 70' ; Roots Ball Lateral: 57' & 70'	Hydrojet	08/26/2011
164	4131	1654-0298	1654-0299	EASEMENT	Roots Medium Connection:19' ; Roots Ball Lateral: 19'	Hydrojet	09/30/2011
165	4131	1654-0292	1654-0293	VIA CIEGA	Roots Medium Connection:17' ; Roots Ball Lateral: 17'	Hydrojet	08/30/2011
166	4131	1654-0264	1654-0263	ALLEY	Roots Ball Connection: 56' & 74' ; Roots Ball Lateral: 56'	Hydrojet	08/26/2011
167	4131	1654-0262	1654-0261	GRANDPOINT LN	Roots Ball Lateral: 93' & 171'	Lateral notice will be sent to property owner.	N/A
168	4131	1654-0261	1654-0258	GRANDPOINT LN	Roots Medium Connection: 7' ; Roots Ball Lateral: 7' & 48'	Hydrojet	08/26/2011

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NO.	QMR	START MH	END MH	STREET	OBSERVATION	CORRECTIVE ACTION TAKEN	COMPLETED DATE
169	4131	1654-0248	1654-0249	EASEMENT	Roots Medium Joint: 25' ; Roots Ball Lateral: 68'	Hydrojet	09/11/2011
170	4131	1654-0230	1654-0229	GRANDPOINT DR	Roots Ball Lateral: 163' & 170'	Lateral notice will be sent to property owner.	N/A
171	4131	1654-0219	1654-0220	EASEMENT	Roots Ball Lateral: 244'	Lateral notice will be sent to property owner.	N/A
172	4131	1654-0181	1654-0180	EASEMENT	Roots Medium Connection: 53' ; Roots Ball Lateral: 53'	Hydrojet	10/13/2011
173	4131	1654-0168	1654-0166	EASEMENT	Roots Medium Connection: 136' ; Roots Ball Lateral: 136'	Hydrojet	08/11/2011
174	4131	1654-0164	1654-0165	MIRALESTE DR	Roots Medium Barrel: 98'	Hydrojet	08/11/2011
175	4131	1654-0161	1654-0160	VIA LORENZO	Roots Ball Connection: 167' ; Roots Ball Lateral: 5' & 167'	Hydrojet	08/26/2011
176	4131	1654-0142	1654-0141	MIRALESTE DR	Roots Ball Lateral: 179' & 304'	Lateral notice will be sent to property owner.	N/A
177	4131	1654-0102	1654-0101	NANCY RD	Roots Ball Lateral: 39' & 122'	Lateral notice will be sent to property owner.	N/A
178	4131	1654-0096	1654-0098	EASEMENT	Roots Medium Connection:150' ; Roots Ball Lateral: 150'	Hydrojet	09/30/2011
179	4131	1601-0183	1601-0113	EASEMENT	Alignment Down: 55%	No action needed.	N/A
180	4131	1601-0167	1601-0168	MARITIME RD	Roots Ball Lateral: 273'	Lateral notice will be sent to property owner.	N/A
181	4131	1601-0129	1601-0130	PALOS VERDES DR S	Roots Ball Lateral: 101' & 212'	Lateral notice will be sent to property owner.	N/A
182	4131	1601-0109	1601-0108	VIGILANCE DR	Roots Ball Lateral: 106' & 124'	Lateral notice will be sent to property owner.	N/A
183	4131	1601-0054	1601-0055	COOLHEIGHTS DR	Roots Ball Lateral: 6'	Lateral notice will be sent to property owner.	N/A
184	4131	1601-0043	1601-0044	GANADO DR	Roots Ball Lateral: 244' & 323'	Lateral notice will be sent to property owner.	N/A
185	4131	1600-0101	1600-0102	COOLHEIGHTS DR	Roots Ball Connection: 84' ; Roots Ball Lateral: 20' & 84'	Hydrojet	08/19/2011
186	4131	1600-0092	1600-0093	BENDIGO DR	Roots Ball Connection: 55' ; Roots Ball Lateral: 48' & 55'	Hydrojet	10/14/2011
187	4131	1600-0084	1600-0085	GANADO DR	Roots Medium Joint: 130' ; Roots Ball Lateral: 3'	Hydrojet	10/14/2011
188	4131	1600-0064	1600-0065	CASILINA DR	Roots Ball Lateral: 11' & 85'	Lateral notice will be sent to property owner.	N/A
189	4131	1600-0056	1600-0057	DELUNA DR	Roots Ball Lateral: 49' & 62'	Lateral notice will be sent to property owner.	N/A
190	4131	1600-0051	1600-0052	EASEMENT	Obstacle Construction Debris :42' ; Roots Ball Lateral: 72'	Hydrojet	10/18/2011
191	4131	1600-0033	1600-0032	DAUNTLESS DR	Roots Medium Connection: 235' ; Roots Ball Lateral: 77' & 235'	Hydrojet	10/18/2011
192	4131	1599-0112	1599-0111	EASEMENT	Deposits Ingressed :3' ; Roots Ball Lateral: 103'	Hydrojet	08/14/2012
193	4131	1546-0171	1546-0172	EASEMENT	Roots Medium Barrel: 246'	Hydrojet	08/09/2012
194	4131	1546-0165	1546-0166	EASEMENT	Roots Medium Barrel: 61'	Hydrojet	10/25/2011
195	4131	1546-0106	1546-0110	LEBEC PL	Roots Ball Lateral: 72' & 158'	Lateral notice will be sent to property owner.	N/A
196	4131	1546-0087	1546-0086	EASEMENT	Roots Ball Lateral: 113'	Lateral notice will be sent to property owner.	N/A
197	4131	1546-0083	1546-0082	EASEMENT	Roots Medium Connection: 142' ; Roots Ball Lateral: 142'	Hydrojet	11/01/2011
198	4131	1546-0083	1546-0084	EASEMENT	Roots Ball Connection	Hydrojet	11/01/2011
199	4131	1546-0030	1545-0038	RHONE DR	Roots Ball Connection: 196' ; Roots Ball Lateral: 83' & 196'	Hydrojet	10/20/2011
200	4131	1546-0024	1546-0023	RHONE DR	Roots Ball Lateral: 21' & 206'	Lateral notice will be sent to property owner.	N/A
201	4131	1545-0329	1545-0330	QUAILWOOD DR	Roots Ball Lateral: 106' & 124'	Lateral notice will be sent to property owner.	N/A
202	4131	1545-0325	1545-0326	STONECREST RD	Roots Ball Connection: 13' ; Roots Ball Lateral: 13' & 348'	Hydrojet	08/05/2011
203	4131	1545-0077	1545-0078	CARTIER DR	Roots Medium Connection: 85' ; Roots Ball Lateral: 158'	Hydrojet	08/05/2011
204	4131	1545-0070	1545-0074	SATTES DR	Roots Ball Connection: 4' ; Roots Ball Lateral: 4' & 98'	Hydrojet	08/05/2011
205	412E	1654-0103	1654-0104	EASEMENT	Roots Ball Lateral: 82'	Lateral notice will be sent to property owner.	N/A
206	412D	1655-0055	1655-0056	CHANDELEUR DR	Alignment Down: 25%	No action needed.	N/A
207	4127	1654-0339	1654-0338	9TH ST	Deposits Ingressed Other:138'	Rodded & Hydrojet	08/09/2011
208	4125	1654-0309	1654-0310	EASEMENT	Roots Ball Lateral: 175'	Lateral notice will be sent to property owner.	N/A
209	4125	1654-0223	1654-0225	PRIVATE ROAD	Roots Ball Lateral: 77'	Lateral notice will be sent to property owner.	N/A
210	4125	1546-0299	1546-TRNK	ALBERO CT	Obstacle Construction Debris :27'	Hydrojet	10/19/2011

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211	4124	1654-0363	1600-0072	CORINNA DR	Roots Ball Lateral: 127'	Lateral notice will be sent to property owner.	N/A
212	4124	1654-0316	1654-0317	EASEMENT	Alignment Down: 25%	No action needed.	N/A
213	4124	1546-0224	1546-0265	EASEMENT	Roots Ball Lateral: 201'	Lateral notice will be sent to property owner.	N/A
214	4123	1654-0315	1654-0314	EASEMENT	Roots Ball Lateral: 56'	Lateral notice will be sent to property owner.	N/A
215	4122	1655-0045	1655-0046	RUE LE CHARLENE	Alignment Down: 30%	No action needed.	N/A
216	4122	1654-0350	1654-0352	SANTA LUNA DR	Roots Ball Lateral: 163'	Lateral notice will be sent to property owner.	N/A
217	4122	1654-0312	1654-0313	VIA COLINITA	Roots Ball Lateral: 92'	Lateral notice will be sent to property owner.	N/A
218	4122	1654-0275	1654-0277	EASEMENT	Alignment Down: 25%	No action needed.	N/A
219	4122	1654-0267	1654-0266	EASEMENT	Alignment Down: 25%	No action needed.	N/A
220	4122	1654-0203	1654-0204	EASEMENT	Alignment Down: 25%	No action needed.	N/A
221	4122	1600-0116	1600-0118	EASEMENT	Camera Underwater :8'	Hydrojet	09/29/2011
222	4122	1545-0065	1545-0064	EASEMENT	Roots Ball Joint : 181'	Hydrojet	09/28/2011
223	4121	1654-0362-A	1654-0362	EASEMENT	Roots Ball Joint : 239'	Hydrojet	09/16/2011
224	4121	1654-0310	1654-0311	EASEMENT	Roots Ball Joint : 150'	Hydrojet	09/01/2011
225	4121	1654-0291	1654-0290	EASEMENT	Roots Ball Lateral: 43'	Lateral notice will be sent to property owner.	N/A
226	4121	1654-0136	1654-0135	MIRALESTE DR	Roots Ball Lateral:179'	Lateral notice will be sent to property owner.	N/A
227	4121	1601-0142	1601-0178	STALWART DR	Roots Ball Lateral:202'	Lateral notice will be sent to property owner.	N/A
228	4121	1601-0008	1601-0199	LA ROTONDA DR	Alignment up: 30%	No action needed.	N/A
229	4121	1600-0135	1600-0136	DAUNTLESS DR	Roots Ball Connection:15' ; Roots Ball Lateral: 15'	Hydrojet	08/19/2011
230	4121	1600-0001	1599-0146	EASEMENT	Roots Ball Connection inside MH 0146	Hydrojet	08/17/2012
231	4121	1599-0097	1545-0434	OCEANAIRE DR	Roots Ball Lateral:274'	Lateral notice will be sent to property owner.	N/A
232	4121	1546-0286	1546-0285	EASEMENT	Roots Ball Lateral:13'	Lateral notice will be sent to property owner.	N/A
233	4121	1546-0192	1546-0191	BARKENTINE RD	Roots Ball Lateral:30'	Lateral notice will be sent to property owner.	N/A
234	4121	1546-0035	1546-0036	EASEMENT	Roots Ball Lateral:14'	Lateral notice will be sent to property owner.	N/A
235	4121	1545-0316	1545-0313	SUNMIST DR	Roots Ball Lateral:78'	Lateral notice will be sent to property owner.	N/A
236	4121	1545-0190	1545-0189	CREST ROAD	Roots Ball Lateral: 57'	Lateral notice will be sent to property owner.	N/A
237	411X	1601-0156	1601-0157	ADMIRABLE DR	Roots Ball Lateral:52'	Lateral notice will be sent to property owner.	N/A
238	411T	1601-0084	1601-0085	HEROIC DR	Roots Ball Connection:341' ; Roots Ball Lateral: 341'	Hydrojet	08/17/2011
239	411L	1654-0141	1654-0140	MIRALESTE DR	Roots Ball Connection:224' ; Roots Ball Lateral: 224'	Rodded & Hydrojet	08/09/2011
240	411J	1654-0229	1654-0248	EASEMENT	Alignment Down: 25%	No action needed.	N/A
241	411J	1601-0067	1600-0147	HIGHIDE DR	Roots Ball Lateral:80'	Lateral notice will be sent to property owner.	N/A
242	411I	1546-0029	1546-0030	RHONE DR	Roots Ball Lateral:217'	Lateral notice will be sent to property owner.	N/A
243	411H	1601-0048	1601-0047	GANADO DR	Roots Ball Connection:183' ; Roots Ball Lateral: 183'	Hydrojet	08/16/2011
244	411F	1546-0205	1546-0206	SEACOVE DR	Roots Ball Connection:77' ; Roots Ball Lateral: 77'	Hydrojet	10/19/2011
245	411F	1546-0188	1546-0189	TARRAGON RD	Roots Ball Lateral:81'	Lateral notice will be sent to property owner.	N/A
246	411D	1546-0044	1546-0043	CHARTRES DR	Roots Ball Lateral:277'	Lateral notice will be sent to property owner.	N/A
247	411C	1546-0196	1546-0195	ARROWROOT LN	Roots Medium Barrel inside MH 0195	Hydrojet	10/20/2011
248	411C	1546-0047	1546-0046	CHARTRES DR	Roots Ball Lateral:107'	Lateral notice will be sent to property owner.	N/A
249	411B	1654-0265	1654-0266	EASEMENT	Roots Ball Lateral:5'	Lateral notice will be sent to property owner.	N/A
250	411A	1601-0061	1601-0062	EAGLE HAVEN DR	Roots Ball Lateral:15'	Lateral notice will be sent to property owner.	N/A
251	411A	1600-0128	1600-0127	EASEMENT	Roots Medium Barrel inside MH 0127	Hydrojet	08/18/2011
252	411A	1600-0080	1600-0081	GANADO DR	Roots Ball Lateral:113'	Lateral notice will be sent to property owner.	N/A

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NO.	QMR	START MH	END MH	STREET	OBSERVATION	CORRECTIVE ACTION TAKEN	COMPLETED DATE
253	411A	1546-0112	1546-0182	EASEMENT	Alignment Down: 45%	No action needed.	N/A
254	411A	1546-0063	1546-0064	EASEMENT	Roots Ball Lateral:313'	Lateral notice will be sent to property owner.	N/A
255	411A	1545-0358	1545-0357	SCOTWOOD DR	Roots Ball Lateral:237'	Lateral notice will be sent to property owner.	N/A
256	411A	1545-0340	1545-0333	WHITLEY COLLINS DR	Roots Ball Lateral:23'	Lateral notice will be sent to property owner.	N/A
257	4119	1654-0153	1654-0154	VIA SIENA	Roots Ball Lateral:93'	Lateral notice will be sent to property owner.	N/A
258	4117	1545-0324	1545-0325	STONECREST RD	Roots Ball Lateral:125'	Lateral notice will be sent to property owner.	N/A
259	4116	1545-0349	1545-0350	WHITLEY COLLINS DR	Roots Ball Lateral:277'	Lateral notice will be sent to property owner.	N/A
260	4115	1601-0040	1601-0041	PALOS VERDES DR	Roots Ball Lateral:26'	Lateral notice will be sent to property owner.	N/A
261	4115	1546-0064	1546-0065	EASEMENT	Obstacle Other: 191' and Roots Ball Lateral: 89'	Hydrojet	10/25/2011
262	4114	1654-0155	1654-0156	EASEMENT	Roots Ball Connection : 94'	Hydrojet	09/16/2011
263	4114	1600-0112	1601-0048	GANADO DR	Roots Ball Lateral:328'	Lateral notice will be sent to property owner.	N/A
264	4114	1546-0196	1546-0197	ARROWROOT LN	Roots Ball Joint : 13'	Hydrojet	10/20/2011
265	4114	1545-0998	1546-0275	EASEMENT	Roots Ball Connection inside MH 0275	Hydrojet	11/01/2011
266	4113	1654-0272	1654-0273	EASEMENT	Alignment Down: 25%	No action needed.	N/A
267	4113	1600-0047	1654-0200	PRIVATE ROAD	Alignment Down: 30%	No action needed.	N/A
268	4113	1545-0218	1545-0217	CREST RD	Roots Ball Connection:203' ; Roots Ball Lateral: 203'	Hydrojet	08/05/2011
269	4112	1654-0188	1654-0547	CROWNVIEW DR	Roots Ball Joint :37'	Hydrojet	08/26/2011
270	4112	1654-0166	1654-0165	PALOS VERDES DR E- EASEMENT	Alignment Down: 25%	No action needed.	08/27/2011
271	4112	1601-0006	1601-0007	EASEMENT	Alignment Down: 25%	No action needed.	N/A
272	4111	1655-0047	1655-0048	RUE LE CHARLENE	Alignment Down: 25%	No action needed.	N/A
273	4111	1655-0042	1655-0043	RUE LE CHARLENE	Alignment Down: 40%	No action needed.	N/A
274	4111	1654-0238	1654-0237	EASEMENT	Roots Ball Lateral:80'	Lateral notice will be sent to property owner.	N/A
275	4111	1654-0228	1654-0227	GRANDPOINT DR	Roots Ball Lateral: 69'	Lateral notice will be sent to property owner.	N/A
276	4111	1654-0204	1654-0205	EASEMENT	Alignment Down: 55%	No action needed.	N/A
277	4111	1654-0178	1654-0176	EASEMENT	Roots Ball Joint : 221'	Hydrojet	09/30/2011
278	4111	1601-0172	1601-0171	MARITIME RD	Roots Ball Lateral: 56'	Lateral notice will be sent to property owner.	N/A
279	4111	1601-0148	1601-0147	EASEMENT	Alignment Down: 25%	No action needed.	N/A
280	4111	1600-0105	1600-0106	CLIFFSITE DR	Roots Ball Lateral:27'	Lateral notice will be sent to property owner.	N/A
281	4111	1600-0046	1600-0045	EASEMENT	Alignment Up: 25%	No action needed.	N/A
282	4111	1546-0228	1546-0229	SEACOVE DR	Roots Ball Lateral:235'	Lateral notice will be sent to property owner.	N/A
283	4111	1545-0442	1545-0441	EASEMENT	Roots Ball Joint : 121'	Hydrojet	10/27/2011
284	4111	1545-0328	1545-0329	QUAILWOOD DR	Roots Ball Lateral:138'	Lateral notice will be sent to property owner.	N/A
285	4111	1545-0296	1545-0297	OCEANPORT RD	Infiltration Runner : 188'	No action needed.	N/A
286	4100	1655-0048	1655-0049	RUE LE CHARLENE	Alignment Down:40%	No action needed.	N/A
287	4100	1655-0041	1655-0070	EASEMENT	Alignment Up: 25%	No action needed.	N/A
288	4100	1655-0041	1655-0042	PRIVATE ROAD	Alignment Down:30%	No action needed.	N/A
289	4100	1654-0322	1654-0323	KINGSRIDGE DR	Deposits Attached Encrustation :244'	Hydrojet	08/30/2011
290	4100	1654-0277	1654-0278	PALOS VERDES DR E	Infiltration inside MH 0277	No action needed.	N/A
291	4100	1654-0244	1654-0242	EASEMENT	Alignment Down:30%	No action needed.	N/A
292	4100	1654-0207	1654-0206	EASEMENT	Alignment Up: 25%	No action needed.	N/A
293	4100	1654-0196	1654-0197	EASEMENT	Roots Medium Barrel:112' after MH 0197	Hydrojet	10/06/2011
294	4100	1654-0169	1654-0168	EASEMENT	Alignment Down:45%	No action needed.	N/A

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295	4100	1654-0133	1654-0132	EASEMENT	Roots Ball Lateral:105'	Lateral notice will be sent to property owner.	N/A
296	4100	1601-0103	1601-0102	EASEMENT	Alignment Up: 90%	No action needed.	N/A
297	4100	1601-0094	1601-0093	SEARAVEN DR	Roots Ball Lateral:189'	Lateral notice will be sent to property owner.	N/A
298	4100	1601-0074	1601-0081	EASEMENT	Alignment Down: 50%	No action needed.	N/A
299	4100	1601-0001	1601-0002	25TH ST	Water Mark 65% : 45'	No action needed.	N/A
300	4100	1546-0277	1545-PUMP	EASEMENT	Roots Medium Barrel: 0'	Hydrojet	08/02/2012
301	4100	1546-0267	1546-0266	EASEMENT	Roots Ball Connection:109' ; Roots Ball Lateral: 109'	Hydrojet	08/02/2012
302	4100	1546-0182	1546-0112	EASEMENT	Alignment Up: 95%	No action needed.	N/A
303	4100	1546-0170	1546-0173	EASEMENT	Roots	Hydrojet	10/25/2011
304	4100	1546-0091	1546-0092	HAWTHORNE BV	Roots Ball Connection:285' ; Roots Ball Lateral: 285'	Rodded & Hydrojet	10/18/2011
305	4100	1546-0022	1546-0021	EASEMENT	Roots Ball Joint : 2'	Hydrojet	10/25/2011
306	4100	1546-0010	1546-0009	EASEMENT	Alignment Down: 90%	No action needed.	N/A
307	4100	1545-0310	1545-0309	WHITLEY COLLINS DR	Roots Ball Connection:100' ; Roots Ball Lateral: 100'	Hydrojet	08/05/2011
308	3Q2J	1655-0020	1655-0021	25TH ST	Deposits Ingressed Other :44'-350'	Hydrojet	09/28/2011
309	3C2D	1545-0990	1545-0991	SANTA CATALINA DR	Water Level Sag,40 % : 2'-80'	Hydrojet	11/21/2011
310	3C2A	1655-0068	1655-0069	EASEMENT	Water Level Sag,40 % : 95'- 180'	Hydrojet	08/12/2011
311	3C2A	1655-0068	1655-0059	EASEMENT	Water Level Sag,40 % : 95'- 180'	Hydrojet	08/12/2011
312	3C21	1545-0072	1545-0071	EASEMENT	Roots Medium Joint: 60'-195'	Hydrojet	09/28/2011
313	3B29	1654-0172	1654-0171	ALLEY	Water Level Sag, 40 %: 50'-115'	Hydrojet	08/26/2011
314	3900	1655-0021	1655-0022	25TH ST	Water Level Sag, 50 %: 270'-308'	Hydrojet	09/28/2011
315	3822	1654-0171	1654-0145	ALLEY	Water Level Sag,35 %: 0'-33'	Hydrojet	08/27/2011
316	372C	1654-0325	1654-0328	MIRALESTE DR	Water Level Sag 40 %:232'-280' ; Roots Medium Lateral: 216'	Hydrojet	08/30/2011
317	3621	1601-0135	1601-0134	CONQUEROR DR	Roots Medium Joint ; Roots Medium Lateral: 132'	Rodded & Hydrojet	08/10/2011
318	3621	1600-0004	1600-0003	EASEMENT	Roots Medium Connection & Joint ; Roots Medium Lateral: 126'	Hydrojet	08/17/2012
319	3522	1600-0147	1600-0134	HIGHTIDE DR	Roots Medium Joint ; Roots Medium Lateral: 79'	Hydrojet	08/18/2011
320	3521	1546-0104	1546-0105	MARNE DR	Obstacle Construction Debris & Roots Medium Joint	Rodded & Hydrojet	10/18/2011
321	3515	1546-0238	1546-0292	ALLEY	Roots Medium Joint:74'-95'	Hydrojet	10/19/2011
322	342D	1655-0058	1655-0059	WESTERN AV	Water Level Sag, 35 %: 295'- 312'	Hydrojet	08/12/2011
323	342A	1654-0328	1654-0329	MIRALESTE DR	Water Level Sag, 35 %: 0'- 15'	Hydrojet	08/30/2011
324	3422	1600-0129	1600-0130	PIRATE DR	Roots Medium Joint	Hydrojet	08/18/2011
325	3422	1546-0194	1546-0193	ARROWROOT LN	Roots Medium Connection ; Roots Medium Lateral: 159', 165' & 271'	Hydrojet	10/20/2011
326	3421	1600-0016	1600-0015	DAUNTLESS DR	Roots Medium Joint	Hydrojet	10/20/2011
327	3421	1599-0162	1599-0114	EASEMENT	Roots Medium Connection & Joint	Hydrojet	08/19/2011
328	332A	1601-0092	1601-0093	SEARAVEN DR	Roots Medium Lateral: 87' ,125' & 186'	Lateral notice will be sent to property owner.	N/A
329	3321	1601-0106	1601-0105	VIGILANCE DR	Roots Medium Joint : 35' & Roots Medium Lateral: 71' & 99'	Rodded & Hydrojet	08/10/2011
330	3321	1546-0218	1546-0217	PACKET RD	Roots Medium Lateral: 26' ,104' & 224'	Lateral notice will be sent to property owner.	N/A
331	3321	1546-0212	1546-0211	BARKENTINE RD	Roots Medium Joint ; Roots Medium Lateral: 30' &108'	Hydrojet	10/19/2011
332	3319	1546-0052	1546-0053	EASEMENT	Roots Medium Joint	Hydrojet	10/28/2011
333	331G	1546-0212	1546-0213	BARKENTINE RD	Obstacle Construction Debris inside MH & Roots Medium Lateral: 36' & 150'	Hydrojet	10/19/2011
334	331B	1601-0153	1601-0152	PALOS VERDES DR S	Roots Medium Joint ; Roots Medium Lateral: 29'	Hydrojet	08/25/2011
335	3312	1546-0230	1546-0247	EASEMENT	Roots Medium Joint	Hydrojet	10/19/2011
336	322E	1654-0163	1654-0164	MIRALESTE DR	Water Level Sag, 45 % :335'-343'	Hydrojet	08/11/2011

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337	322E	1545-0436	1545-0435	EASEMENT	Deposits Ingressed :35' ; Roots Medium Lateral: 128'	Hydrojet	11/21/2011
338	322A	1601-0059	1601-0060	SEACLAIRE DR	Roots Medium Lateral: 29' & 98'	Lateral notice will be sent to property owner.	N/A
339	3221	1654-0140	1654-0139	MIRALESTE DR	Roots Medium Lateral: 5' & 267'	Lateral notice will be sent to property owner.	N/A
340	3221	1601-0012	1601-0013	PASEO DEL MAR	Deposits Attached Grease & Roots Medium Joint:162'-174'	Hydrojet	09/01/2011
341	3221	1600-0064	1600-0063	CASILINA DR	Roots Medium Joint: 256' , Roots Medium Lateral: 55'	Hydrojet	10/18/2011
342	3221	1546-0300	1546-0299	ALBERO CT	Deposits Attached Grease & Roots Medium Joint: 67'-70'	Hydrojet	10/19/2011
343	3221	1546-0197	1546-0196	ARROWROOT LN	Roots	Hydrojet	10/20/2011
344	3221	1546-0055	1545-0066	EASEMENT	Tap Break-in Defective :193' , Roots Medium Joint : 88'	Hydrojet	11/01/2011
345	321L	1546-0164	1546-0163	MARNE DR	Roots Medium Connection ; Roots Medium Lateral: 181'	Rodded & Hydrojet	10/18/2011
346	321I	1546-0071	1546-0072	LAUTREC PL	Roots Medium Connection ; Roots Medium Lateral: 84'	Hydrojet	08/12/2011
347	321H	1600-0099	1600-0098	COOLHEIGHTS DR	Roots Medium Joint	Hydrojet	08/19/2011
348	321G	1654-0257	1654-0256	KNOLL VIEW DR	Roots Medium Lateral: 241' & 288'	Lateral notice will be sent to property owner.	N/A
349	321G	1546-0034	1546-0032	EASEMENT	Roots Medium Connection; Obstacle Obstacle Other inside MH	Rodded & Hydrojet	10/18/2011
350	321G	1546-0025	1546-0024	RHONE DR	Roots Medium Lateral: 59' & 265'	Lateral notice will be sent to property owner.	N/A
351	321F	1545-0431	1545-0430	CRESTWIND DR	Roots Medium Joint: 54' & 59'	Hydrojet	10/27/2011
352	321E	1546-0172	1546-0173	EASEMENT	Roots Medium Joint: 2' & 5'	Hydrojet	08/09/2012
353	321D	1546-0076	1546-0075	CARTIER DR	Water Level Sag, 35 % : 186'-193'	Hydrojet	08/12/2011
354	321C	1654-0357	1654-0358	CALLE AVENTURA	Roots Medium Lateral: 16' & 179'	Lateral notice will be sent to property owner.	N/A
355	321C	1601-0142	1601-0141	STALWART DR	Roots Medium Joint & Roots Medium Connection	Rodded & Hydrojet	08/10/2011
356	321B	1601-0044	1601-0045	GANADO DR	Roots Medium Lateral: 70' & 185'	Lateral notice will be sent to property owner.	N/A
357	321A	1654-0236	1654-0235	EASEMENT	Roots Medium Lateral: 38' & 180'	Lateral notice will be sent to property owner.	N/A
358	321A	1600-0069	1600-0068	CORINNA DR	Roots Medium Lateral: 200' & 203'	Lateral notice will be sent to property owner.	N/A
359	321A	1599-0107	1599-0108	EASEMENT	Roots Medium Joint: 121' & 158'	Hydrojet	08/14/2012
360	321A	1546-0059	1546-0044	EASEMENT	Roots Medium Joint: 83' & 94'	Hydrojet	10/26/2011
361	3216	1654-0559	1654-0558	EASEMENT	Roots Medium Connection ; Roots Medium Lateral: 214'	Hydrojet	09/16/2011
362	3216	1546-0226	1546-0227	SEACOVE DR	Roots Medium Lateral: 152' & 279'	Lateral notice will be sent to property owner.	N/A
363	3214	1600-0058	1600-0059	DELUNA DR	Roots Medium Joint: 138'-142' , Roots Medium Lateral: 35'	Hydrojet	10/18/2011
364	3212	1601-0033	1601-0032	PALOS VERDES DR	Roots Medium Joint: 289' & 322'	Hydrojet	08/17/2011
365	3212	1600-0120	1600-0121	HIGHTIDE DR	Roots Medium Joint: 3' , Roots Medium Lateral: 82'	Hydrojet	08/18/2011
366	3211	1600-0019	1600-0018	DAUNTLESS DR	Roots Medium Joint: 83' , Roots Medium Lateral:216'	Hydrojet	10/20/2011
367	3200	1654-0349	1654-0355	SANTA LUNA DR	Obstacle Construction Debris: 0'-4'	Hydrojet	08/31/2011
368	3200	1654-0334	1654-0335	EASEMENT	Obstacle Construction Debris: 60'-70'	Hydrojet	08/31/2011
369	3200	1654-0208	1654-0547	HIGHPOINT RD	Water Level Sag, 45 % : 94'-103'	Hydrojet	08/26/2011
370	3200	1599-0105	1599-0106	EASEMENT	Deposits Ingressed : 1'-4'	Hydrojet	08/14/2012
371	3200	1546-0225	1546-0224	SEACOVE DR	Roots Medium Joint: 8' , Roots Medium Lateral:5'	Hydrojet	10/19/2011
372	312F	1545-0426	1545-0425	EASEMENT	Obstacle Rocks:261'	Hydrojet	10/27/2011
373	312D	1545-0422	1545-0421	EASEMENT	Deposits Settled Compacted : inside MH 0421	Hydrojet	10/27/2011
374	312B	1545-0425	1545-0424	EASEMENT	Roots Medium Connection :20'	Hydrojet	10/27/2011
375	312A	1654-0231	1654-0174	PALOS VERDES DR E	Roots Medium Lateral: 22'	Lateral notice will be sent to property owner.	N/A
376	3128	1599-0112	1600-0178	EASEMENT	Roots Medium Lateral: 208'	Lateral notice will be sent to property owner.	N/A
377	3127	1599-0110	1599-0109	EASEMENT	Roots Tap Barrel :17'	Hydrojet	08/14/2012
378	3127	1546-0194	1546-0198	EASEMENT	Roots Medium Joint : 25'	Hydrojet	10/20/2011

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379	3127	1546-0055	1546-0056	EASEMENT	Deposits Settled Compacted : inside MH 0056	Hydrojet	11/01/2011
380	3125	1601-0110	1601-0109	VIGILANCE DR	Roots Medium Lateral: 149'	Lateral notice will be sent to property owner.	N/A
381	3125	1546-0208	1546-0207	CLIPPER RD	Roots Medium Lateral: 97'	Lateral notice will be sent to property owner.	N/A
382	3124	1600-0142	1600-0143	CREST DR	Obstacle Construction Debris : 22'	Hydrojet	09/29/2011
383	3123	1654-0101	1654-0100	NANCY RD	Roots Medium Lateral: 213'	Lateral notice will be sent to property owner.	N/A
384	3122	1655-0049	1655-0050	PRIVATE ROAD	Roots Medium Joint : 76'	Hydrojet	08/12/2011
385	3122	1654-0337	1654-0338	9TH ST	Roots Medium Joint : 227'	Rodded & Hydrojet	08/09/2011
386	3122	1654-0264	1654-0265	ALLEY	Roots Medium Connection ; Roots Medium Lateral: 132'	Hydrojet	08/26/2011
387	3122	1654-0192	1654-0193	PRIVATE ROAD	Roots Medium Lateral: 161'	Lateral notice will be sent to property owner.	N/A
388	3122	1601-0187	1601-0186	EASEMENT	Obstacle Construction Debris :4'	Hydrojet	09/29/2011
389	3122	1601-0111	1601-0110	VIGILANCE DR	Roots Medium Lateral: 223'	Lateral notice will be sent to property owner.	N/A
390	3122	1600-0065	1600-0066	CASILINA DR	Deposits Attached Encrustation :82'	Hydrojet	10/18/2011
391	3122	1600-0002	1599-0146	EASEMENT	Roots Medium Lateral:236'	Lateral notice will be sent to property owner.	N/A
392	3122	1546-0210	1546-0214	SEACOVE DR	Roots Medium Lateral: 7'	Lateral notice will be sent to property owner.	N/A
393	3122	1546-0169	1546-0170	EASEMENT	Roots Medium Joint : 56'	Hydrojet	10/25/2011
394	3122	1545-0455	1545-0451	EASEMENT	Roots Medium Connection :94'	Hydrojet	10/27/2011
395	3122	1545-0067	1545-0064	EASEMENT	Roots Medium Connection :180'	Hydrojet	09/28/2011
396	3121	1655-0002	1655-0001	SAN RAMON DR	Roots Medium Joint : 2'	Hydrojet	08/12/2011
397	3121	1654-0566	1654-0557	DELADIER DR	Roots Medium Lateral: 68'	Lateral notice will be sent to property owner.	N/A
398	3121	1654-0336	1654-0337	MIRALESTE DR	Roots Medium Lateral: 87'	Lateral notice will be sent to property owner.	N/A
399	3121	1654-0327	1654-0326	MIRALESTE DR	Roots Medium Lateral: 21'	Lateral notice will be sent to property owner.	N/A
400	3121	1654-0275	1654-0274	EASEMENT	Roots Medium Joint : 15'	Hydrojet	10/13/2011
401	3121	1654-0194	1654-0193	PRIVATE ROAD	Roots Medium Joint : 128'	Hydrojet	10/06/2011
402	3121	1654-0158	1654-0151	VIA LORENZO	Roots Medium Lateral: 3'	Lateral notice will be sent to property owner.	N/A
403	3121	1654-0147	1654-0148	VIA SIENA	Roots Medium Connection ; Roots Medium Lateral: 28'	Rodded & Hydrojet	08/09/2011
404	3121	1601-0164	1601-0163	EXULTANT DR	Roots Medium Lateral: 26'	Lateral notice will be sent to property owner.	N/A
405	3121	1601-0145	1601-0144	FORRESTAL DR	Roots Tap Barrel :inside MH 0144	Rodded & Hydrojet	08/10/2011
406	3121	1601-0143	1601-0129	FORRESTAL DR	Roots Medium Joint : 135'	Rodded & Hydrojet	08/10/2011
407	3121	1601-0097	1601-0098	PHANTOM DR	Roots Medium Lateral: 82'	Lateral notice will be sent to property owner.	N/A
408	3121	1601-0095	1601-0094	SEARAVEN DR	Roots Medium Lateral: 127'	Lateral notice will be sent to property owner.	N/A
409	3121	1601-0085	1601-0087	HEROIC DR	Roots Medium Lateral: 143'	Lateral notice will be sent to property owner.	N/A
410	3121	1600-0174	1600-0157	PASEO DE CASTANA	Obstacle Construction Debris: 141'	Hydrojet	08/19/2011
411	3121	1600-0132	1601-0095	SEARAVEN DR	Roots Medium Lateral: 134'	Lateral notice will be sent to property owner.	N/A
412	3121	1600-0118	1600-0117	FALCONHEAD DR	Roots Medium Lateral: 272'	Lateral notice will be sent to property owner.	N/A
413	3121	1600-0023	1600-0024	EXULTANT DR	Roots Medium Connection: 63"	Hydrojet	10/18/2011
414	3121	1600-0003	1600-0002	EASEMENT	Roots	Hydrojet	08/17/2012
415	3121	1546-0162	1546-0168	EASEMENT	Roots Medium Joint : 114'	Rodded & Hydrojet	10/18/2011
416	3121	1546-0109	1546-0108	EASEMENT	Roots Medium Lateral: 4'	Lateral notice will be sent to property owner.	N/A
417	3121	1546-0057	1546-0058	EASEMENT	Roots Tap Barrel :2'-5'	Hydrojet	10/26/2011
418	3121	1545-0441	1545-0442	EASEMENT	Obstacle Rocks :13'	Hydrojet	11/21/2011
419	3121	1545-0317	1545-0318	WHITECLIFF DR	Roots Medium Connection ; Roots Medium Lateral: 77'	Hydrojet	08/05/2011
420	3121	1545-0185	1545-0068	EASEMENT	Roots Medium Connection: 49'	Hydrojet	09/28/2011

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421	311R	1546-0207	1546-0210	SEACOVE DR	Roots Medium Connection: 208'	Hydrojet	10/19/2011
422	311Q	1546-0078	1546-0077	CARTIER DR	Roots Medium Connection:59'	Hydrojet	08/12/2011
423	311P	1654-0138	1654-0137	MIRALESTE DR	Roots Medium Connection ; Roots Medium Lateral: 3'	Rodded & Hydrojet	08/09/2011
424	311M	1600-0125	1601-0112	VIGILANCE DR	Roots Medium Connection:25'	Hydrojet	09/29/2011
425	311K	1545-0073	1545-0074	MATISSE DR	Roots Medium Lateral: 158'	Lateral notice will be sent to property owner.	N/A
426	311J	1654-0151	1654-0152	VIA SIENA	Roots Medium Lateral: 259'	Lateral notice will be sent to property owner.	N/A
427	311I	1600-0100	1600-0099	COOLHEIGHTS DR	Roots Medium Connection:287'	Hydrojet	08/19/2011
428	311I	1654-0254	1654-0525	KNOLL VIEW DR	Roots Medium Joint :40'	Hydrojet	08/26/2011
429	311H	1654-0351	1655-0035	VISTA MESA DR	Roots Medium Lateral: 233'	Lateral notice will be sent to property owner.	N/A
430	311H	1601-0066	1601-0067	HIGHTIDE DR	Roots Medium Lateral: 195'	Lateral notice will be sent to property owner.	N/A
431	311H	1546-0023	1546-0062	EASEMENT	Roots Medium Joint :72'	Hydrojet	10/21/2011
432	311E	1601-0144	1601-0143	FORRESTAL DR	Roots Medium Joint:23'	Rodded & Hydrojet	08/10/2011
433	311D	1600-0177	1600-0001	AMBER SKY DR	Roots Medium Joint :261'	Hydrojet	09/01/2011
434	311C	1545-0343	1545-0341	SCOTWOOD DR	Roots Medium Lateral: 94'	Lateral notice will be sent to property owner.	N/A
435	311B	1654-0139	1654-0138	MIRALESTE DR	Roots Medium Lateral: 235'	Lateral notice will be sent to property owner.	N/A
436	311B	1546-0043	1546-0038	CHARTRES DR	Roots Medium Lateral: 99'	Lateral notice will be sent to property owner.	N/A
437	311A	1654-0360	1654-0361	PALOS VERDES DR E	Roots Medium Lateral: 76'	Lateral notice will be sent to property owner.	N/A
438	311A	1600-0021	1600-0019	DAUNTLESS DR	Roots Medium Lateral: 66'	Lateral notice will be sent to property owner.	N/A
439	311A	1600-0017	1600-0016	DAUNTLESS DR	Roots Medium Lateral: 224'	Lateral notice will be sent to property owner.	N/A
440	311A	1546-0046	1546-0045	CHARTRES DR	Roots Medium Lateral: 216'	Lateral notice will be sent to property owner.	N/A
441	311A	1546-0019	1546-0021	EASEMENT	Roots Medium Joint:24'	Hydrojet	10/25/2011
442	3119	1600-0049	1654-0366	DIANORA DR	Roots Medium Lateral:287'	Lateral notice will be sent to property owner.	N/A
443	3119	1545-0076	1545-0077	SATTES DR	Roots Medium Lateral:174'	Lateral notice will be sent to property owner.	N/A
444	3118	1654-0366	1654-0365	CORINNA DR	Roots Medium Connection:166'	Hydrojet	08/31/2011
445	3117	1601-0078	1601-0079	EASEMENT	Roots Medium Joint :54'	Hydrojet	09/29/2011
446	3117	1546-0175	1546-0176	EASEMENT	Roots Medium Joint :69'	Hydrojet	08/09/2012
447	3117	1546-0021	1546-0022	EASEMENT	Roots Medium Joint :64'	Hydrojet	10/25/2011
448	3116	1655-0054	1655-0004	SAN RAMON DR	Roots Medium Lateral:25'	Lateral notice will be sent to property owner.	N/A
449	3116	1600-0104	1600-0103	CLIFFSITE DR	Roots Medium Lateral: 35'	Lateral notice will be sent to property owner.	N/A
450	3116	1546-0239	1546-0238	BEACHVIEW DR	Roots Medium Connection: 89'	Hydrojet	08/03/2012
451	3116	1545-0422	1545-0423	EASEMENT	Roots Medium Joint :237'	Hydrojet	10/27/2011
452	3115	1600-0070	1600-0069	CORINNA DR	Roots Medium Connection: 83'	Hydrojet	10/18/2011
453	3115	1600-0022	1600-0021	SCHOONER DR	Roots Medium Lateral: 60'	Lateral notice will be sent to property owner.	N/A
454	3115	1546-0049	1546-0048	CHERET PL	Roots Medium Lateral:19'	Lateral notice will be sent to property owner.	N/A
455	3115	1545-0356	1545-0357	OCEANRIDGE DR	Roots Medium Lateral:120'	Lateral notice will be sent to property owner.	N/A
456	3114	1600-0060	1600-0061	DELUNA DR	Roots Medium Lateral: 5'	Lateral notice will be sent to property owner.	N/A
457	3114	1600-0034	1600-0033	DAUNTLESS DR	Roots Tap Barrel : 315' inside MH 0033	Hydrojet	10/18/2011
458	3114	1546-0183	1546-0184	PALOS VERDES DR S	Roots Medium Lateral: 172'	Lateral notice will be sent to property owner.	N/A
459	3114	1545-0185	1546-0040	CARTIER DR	Roots Medium Connection: 153'	Hydrojet	09/28/2011
460	3113	1601-0051	1601-0052	COOLHEIGHTS DR	Roots Medium Lateral:46'	Lateral notice will be sent to property owner.	N/A
461	3113	1600-0137	1601-0051	COOLHEIGHTS DR	Roots Medium Lateral: 24'	Lateral notice will be sent to property owner.	N/A
462	3113	1600-0073	1600-0074	GREVE DR	Roots Medium Lateral: 5'	Lateral notice will be sent to property owner.	N/A

ENCLOSURE 2
QUICK MAINTENANCE RATING REPORT PRIORITY LIST
RANCHO PALOS VERDES (Y0TV0910A)
as of 07/10/09

NO.	QMR	START MH	END MH	STREET	OBSERVATION	CORRECTIVE ACTION TAKEN	COMPLETED DATE
463	3113	1600-0029	1600-0030	STALWART DR	Roots Medium Lateral: 38'	Lateral notice will be sent to property owner.	N/A
464	3113	1546-0019	1546-0020	EASEMENT	Roots Medium Joint :49'	Hydrojet	10/25/2011
465	3112	1655-0004	1655-0005	EASEMENT	Roots Medium Lateral:197'	Lateral notice will be sent to property owner.	N/A
466	3112	1654-0362A	1654-0362	EASEMENT	Roots Medium Lateral:1'	Lateral notice will be sent to property owner.	N/A
467	3112	1601-0192	1655-0062	EASEMENT	Roots Medium Joint :13'	Hydrojet	10/13/2011
468	3112	1601-0072	1601-0073	SEAGLEN DR	Roots Medium Lateral:80'	Lateral notice will be sent to property owner.	N/A
469	3112	1600-0097	1600-0096	EASEMENT	Roots Medium Joint :2'	Hydrojet	08/19/2011
470	3112	1546-0181	1546-TRNK	PALOS VERDES DR S	Roots Medium Joint :3'	Hydrojet	08/03/2012
471	3111	1655-0061	1601-0194	VISTA DEL MAR	Roots Medium Joint :67'	Hydrojet	08/12/2011
472	3111	1654-0558	1654-0551	EASEMENT	Roots Medium Joint :7'	Hydrojet	09/16/2011
473	3111	1654-0216	1654-0217	PRIVATE ROAD	Roots Medium Connection: 109'	Hydrojet	10/13/2011
474	3111	1654-0207	1654-0208	HIGHPOINT RD	Roots Medium Lateral:20'	Lateral notice will be sent to property owner.	N/A
475	3111	1654-0181	1654-0186	EASEMENT	Roots Medium Joint :39'	Hydrojet	10/13/2011
476	3111	1654-0145	1654-0146	VIA DEL PLAZA	Roots Medium Lateral:119'	Lateral notice will be sent to property owner.	N/A
477	3111	1654-0100	1654-0099	EASEMENT	Roots Tap Barrel : 143' inside MH 0099	Hydrojet	09/01/2011
478	3111	1654-0100	1654-0090	NANCY RD	Roots Medium Lateral:14'	Lateral notice will be sent to property owner.	N/A
479	3111	1601-0198	1601-0211	LA ROTONDA DR	Obstacle Construction Debris: inside MH 0198	Hydrojet	10/13/2011
480	3111	1601-0190	1601-0191	EASEMENT	Roots Medium Joint :112'	Hydrojet	10/13/2011
481	3111	1601-0118	1601-0119	SEACLIFF DR	Roots Medium Joint :2'-3'	Rodded & Hydrojet	08/10/2011
482	3111	1600-0108	1600-0109	EASEMENT	Roots Medium Joint :11'	Hydrojet	08/18/2011
483	3111	1600-0083	1600-0084	GANADO DR	Roots Medium Lateral:42'	Lateral notice will be sent to property owner.	N/A
484	3111	1600-0042	1600-0041	EASEMENT	Obstacle Construction Debris: inside MH 0042	Grind	08/10/2012
485	3111	1546-0227	1546-0220	SEACOVE DR	Roots Medium Lateral:28'	Lateral notice will be sent to property owner.	N/A
486	3111	1546-0203	1546-0199	VIA BARON	Roots Medium Joint :5'	Hydrojet	10/19/2011
487	3111	1546-0083	1546-0085	EASEMENT	Roots Medium Joint :1'	Hydrojet	11/01/2011
488	3111	1546-0012	1546-0014	CHARTRES DR	Roots Medium Lateral:89'	Lateral notice will be sent to property owner.	N/A
489	3111	1545-0426	1545-0423	EASEMENT	Roots Medium Joint: 27'	Hydrojet	10/27/2011
490	3111	1545-0346	1545-0345	QUAILWOOD DR	Roots Medium Lateral:5'	Lateral notice will be sent to property owner.	N/A
491	3111	1545-0068	1545-0185	EASEMENT	Roots Medium Joint: 32'	Hydrojet	09/28/2011
492	3100	1654-0571	1654-0570	LA VISTA VERDE	Roots Medium Lateral:213'	Lateral notice will be sent to property owner.	N/A
493	3100	1654-0345	1654-0344	CHANDELEUR DR	nothing	No action needed.	N/A
494	3100	1654-0319	1654-0320	EASEMENT	Tap Factory Intruding :42'	No action needed.	N/A
495	3100	1654-0306	1654-0312	VIA COLINITA	Roots Medium Lateral: 68'	Lateral notice will be sent to property owner.	N/A
496	3100	1654-0176	1654-0177	EASEMENT	Roots Medium Lateral:101'	Lateral notice will be sent to property owner.	N/A
497	3100	1654-0176	1654-0178	EASEMENT	Roots Medium Joint: 26' and Roots Medium Lateral:22'	Hydrojet	08/26/2011
498	3100	1654-0146	1654-0147	VIA DEL PLAZA	Roots Medium Lateral: 55'	Lateral notice will be sent to property owner.	N/A
499	3100	1654-0103	1654-0102	NANCY RD	Roots Medium Lateral: 64'	Lateral notice will be sent to property owner.	N/A
500	3100	1601-0163	1601-0162	EXULTANT DR	Roots Medium Lateral:129'	Lateral notice will be sent to property owner.	N/A
501	3100	1601-0150	1601-0151	PALOS VERDES DR S	Roots Medium Lateral:196'	Lateral notice will be sent to property owner.	N/A
502	3100	1601-0115	1601-0116	PALOS VISTA DR	Roots Medium Lateral:45'	Lateral notice will be sent to property owner.	N/A
503	3100	1601-0091	1601-0092	SEARAVEN DR	Roots Medium Lateral:109'	Lateral notice will be sent to property owner.	N/A
504	3100	1601-0035	1601-0034	PALOS VERDES DR	Deposits Attached Other :9'	Hydrojet	08/17/2011

ENCLOSURE 2
QUICK MAINTENANCE RATING REPORT PRIORITY LIST
RANCHO PALOS VERDES (Y0TV0910A)
as of 07/10/09

NO.	QMR	START MH	END MH	STREET	OBSERVATION	CORRECTIVE ACTION TAKEN	COMPLETED DATE
505	3100	1600-0058	1600-0057	DELUNA DR	Roots Medium Lateral: 90'	Lateral notice will be sent to property owner.	N/A
506	3100	1600-0052	1600-0053	EASEMENT	Roots Medium Joint :2'-5'	Hydrojet	10/18/2011
507	3100	1600-0010	1600-0011	ADMIRABLE DR	Deposits Attached Other : 101'-106'	Hydrojet	10/20/2011
508	3100	1599-0098	1599-0104	EASEMENT	Roots Ball Lateral:23'	Lateral notice will be sent to property owner.	N/A
509	3100	1546-0294	1546-TRNK	PALOS VERDES DR S	Roots Medium Joint: 7'	Grind	08/03/2012
510	3100	1546-0244	1546-0292	VISTA PACIFICA	Roots Medium Joint: 292'	Hydrojet	08/02/2012
511	3100	1546-0009	1546-0015	EASEMENT	Tap Break-in Defective :26'	Hydrojet	10/28/2011
512	3100	1545-0998	1546-0276	EASEMENT	Deposits Ingressed: 3'-7'	Hydrojet	11/01/2011
513	3100	1545-0888	1545-0887	EASEMENT	Deposits Attached Grease :1'	Hydrojet	10/28/2011
514	3100	1545-0184	1545-0180	CREST ROAD	Roots Medium Lateral:21'	Lateral notice will be sent to property owner.	N/A
515	1522	1655-0063	1655-0054	EASEMENT	Water Level Sag, 65 % & Camera Underwater: 4'-29'	Hydrojet	08/12/2011

ENCLOSURE 2

CCTV PROJECT Y0TV0910A

Rancho Palos Verdes

QUICK MAINTENANCE RATING (QMR)



Legend

SMD Sanitary Sewers QMR

- 1: MINOR
- 2: MINOR TO MODERATE
- 3: MODERATE
- 4: SIGNIFICANT
- 5: MOST SIGNIFICANT

SMD Manholes

Other

Manhole Type

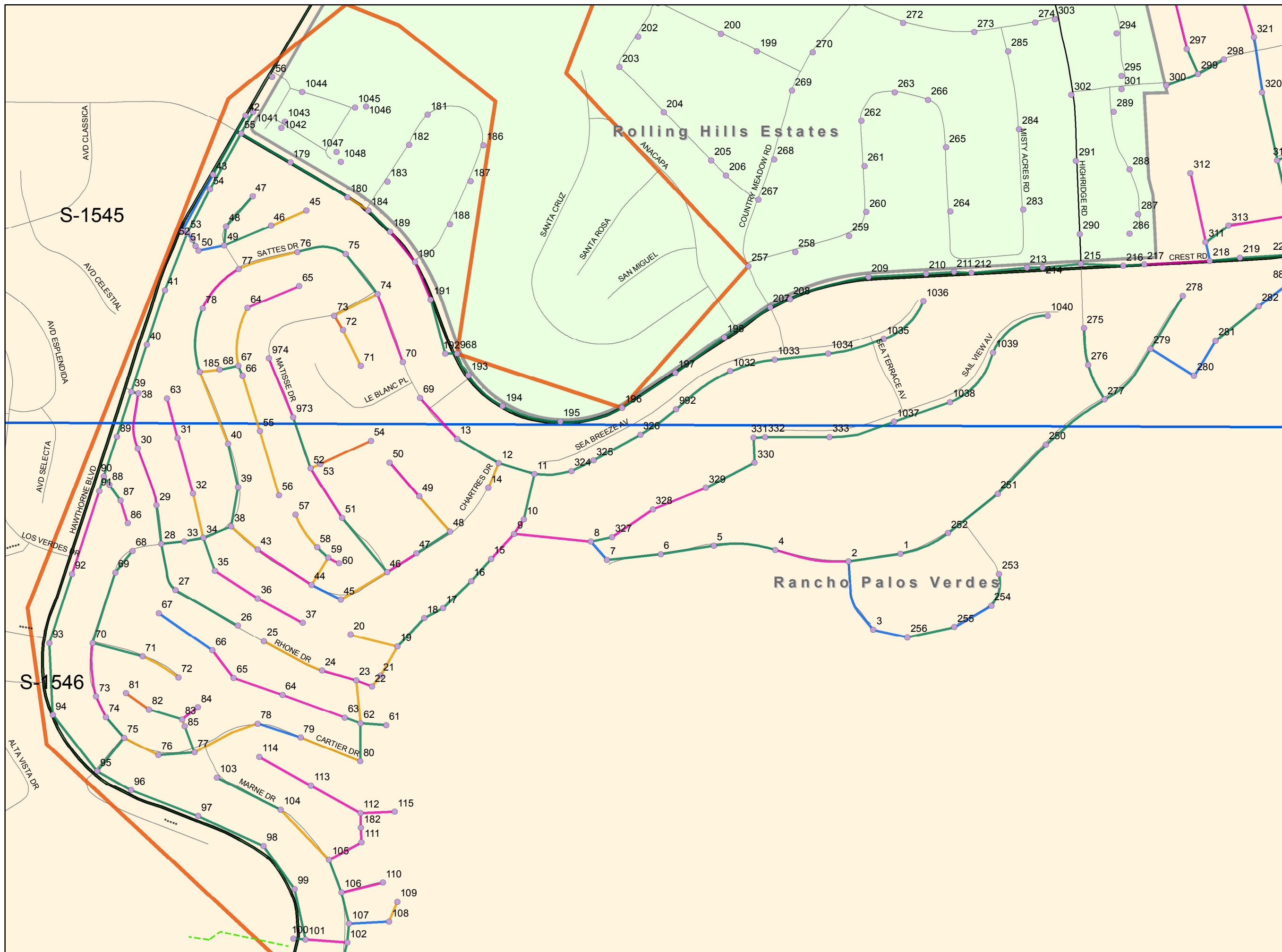
- Standard
- DROP
- Shallow
- Trap
- Siphon
- SMD Pump Stations
- SMD Treatment Plants

Maintained by Others:

- Trunk Sewerlines
- Non SMD Sanitary Sewers
- Non SMD Maintained MH
- SMD Operations Maps
- Y0TV0910A

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MARCH 2013



ENCLOSURE 2

CCTV PROJECT Y0TV0910A

Rancho Palos Verdes

QUICK MAINTENANCE RATING (QMR)



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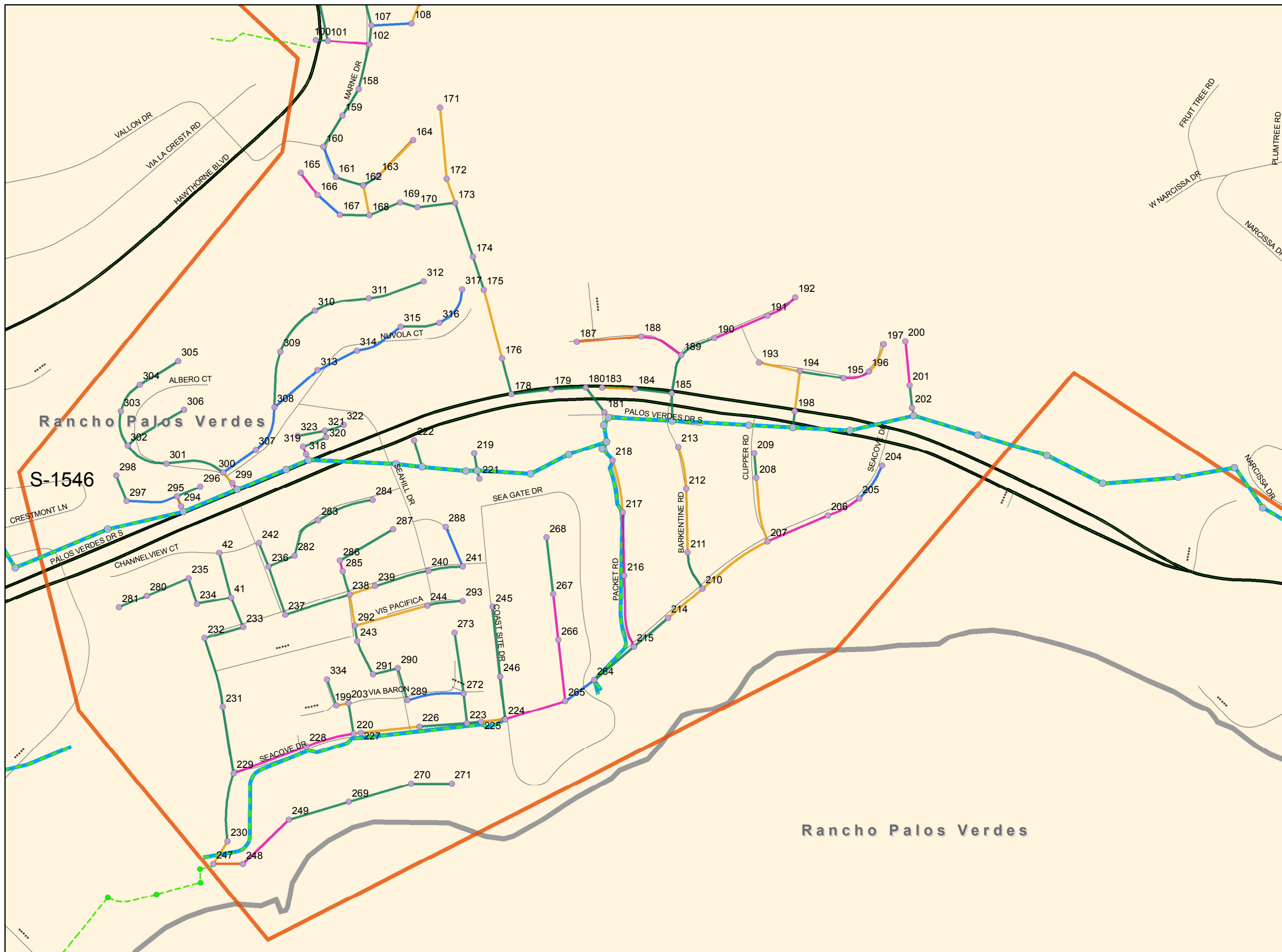
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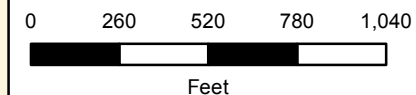
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ENCLOSURE 2

CCTV PROJECT Y0TV0910A

Rancho Palos Verdes

QUICK MAINTENANCE RATING (QMR)



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Manhole Type

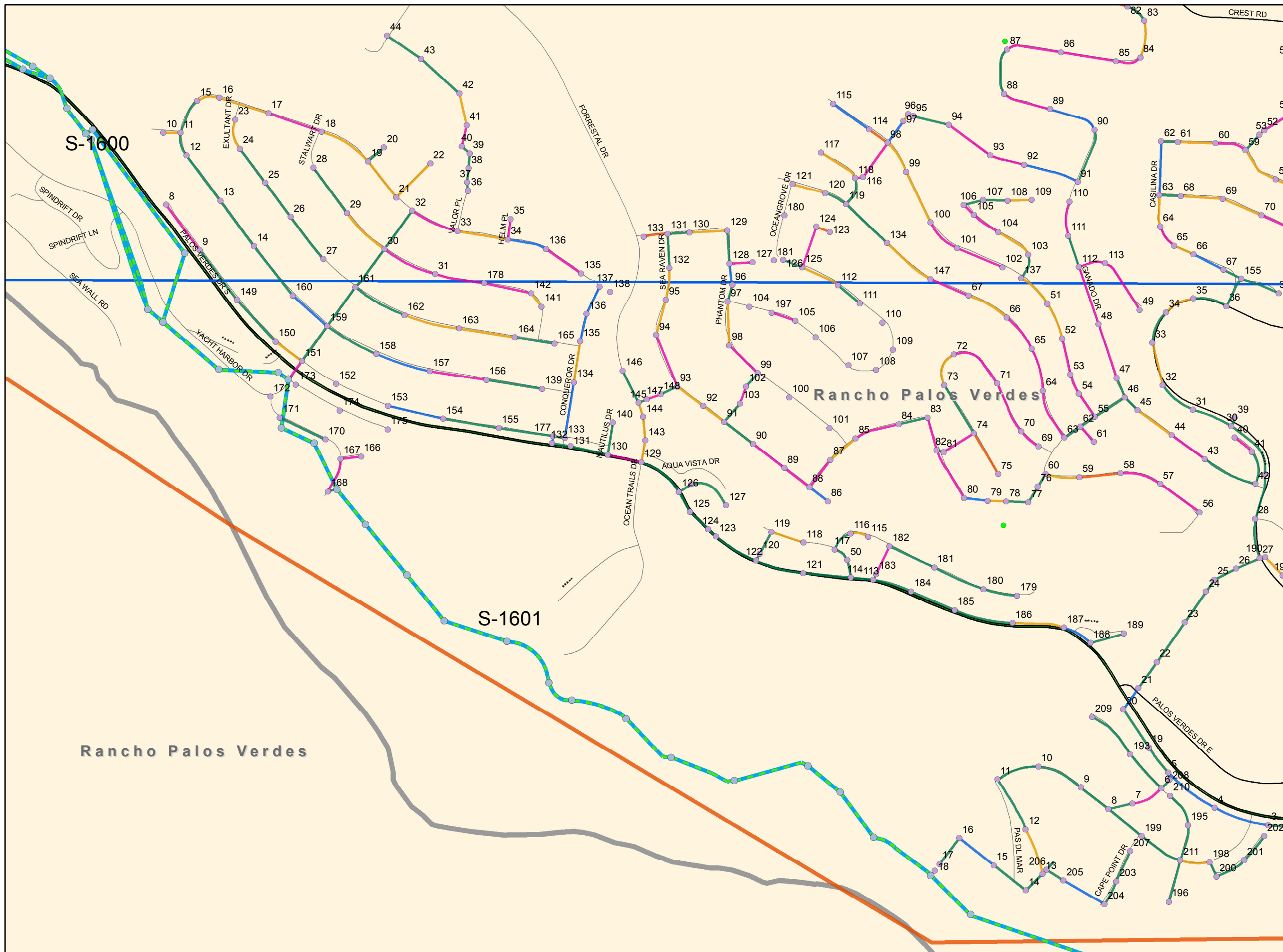
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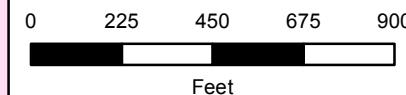


ENCLOSURE 2

CCTV PROJECT Y0TV0910A

Rancho Palos Verdes

**QUICK
MAINTENANCE
RATING
(QMR)**



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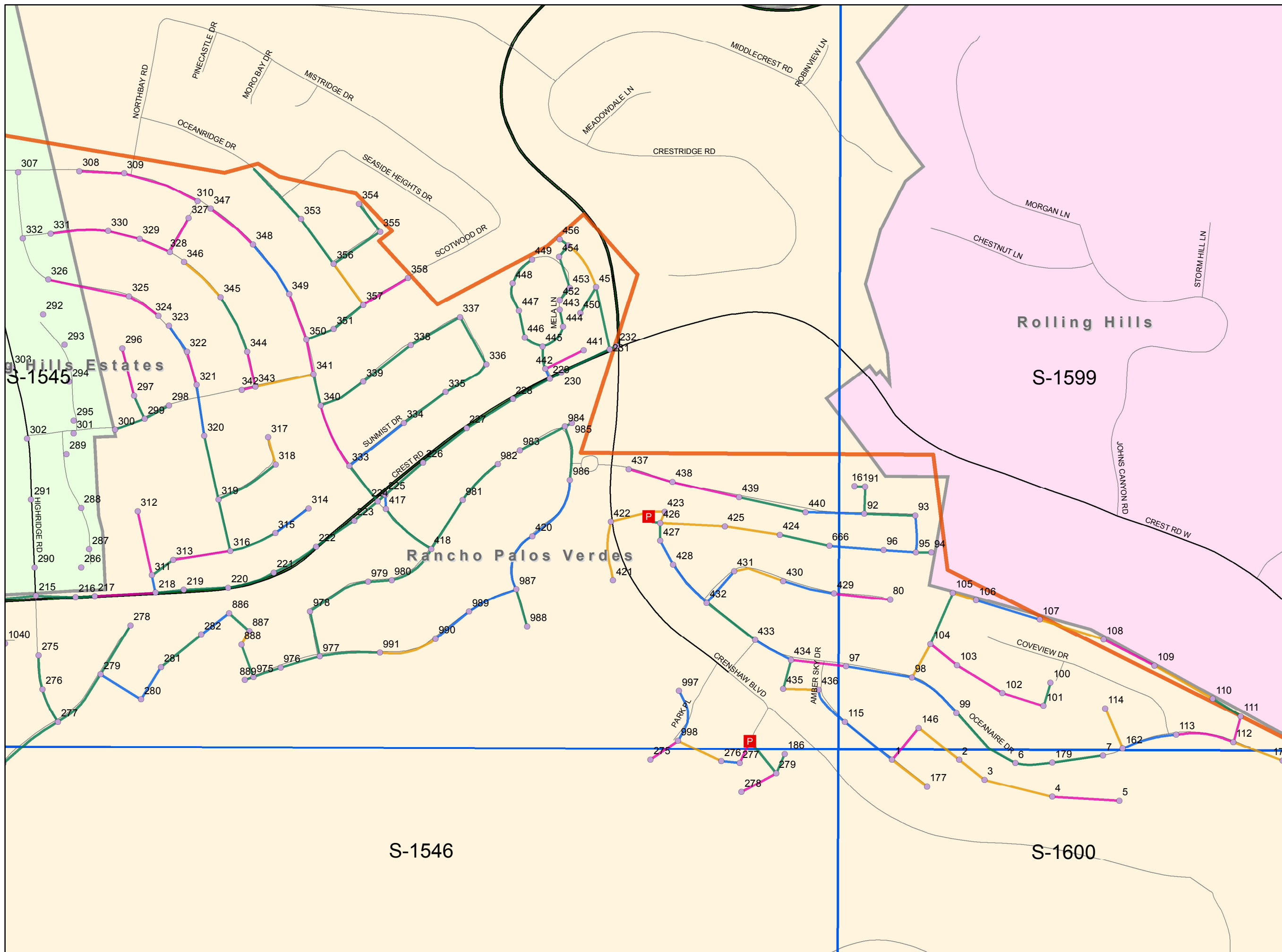
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MARCH 2013

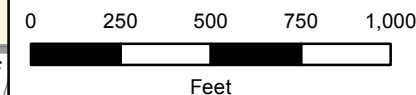


ENCLOSURE 2

CCTV PROJECT Y0TV0910A

Rancho Palos Verdes

QUICK MAINTENANCE RATING (QMR)



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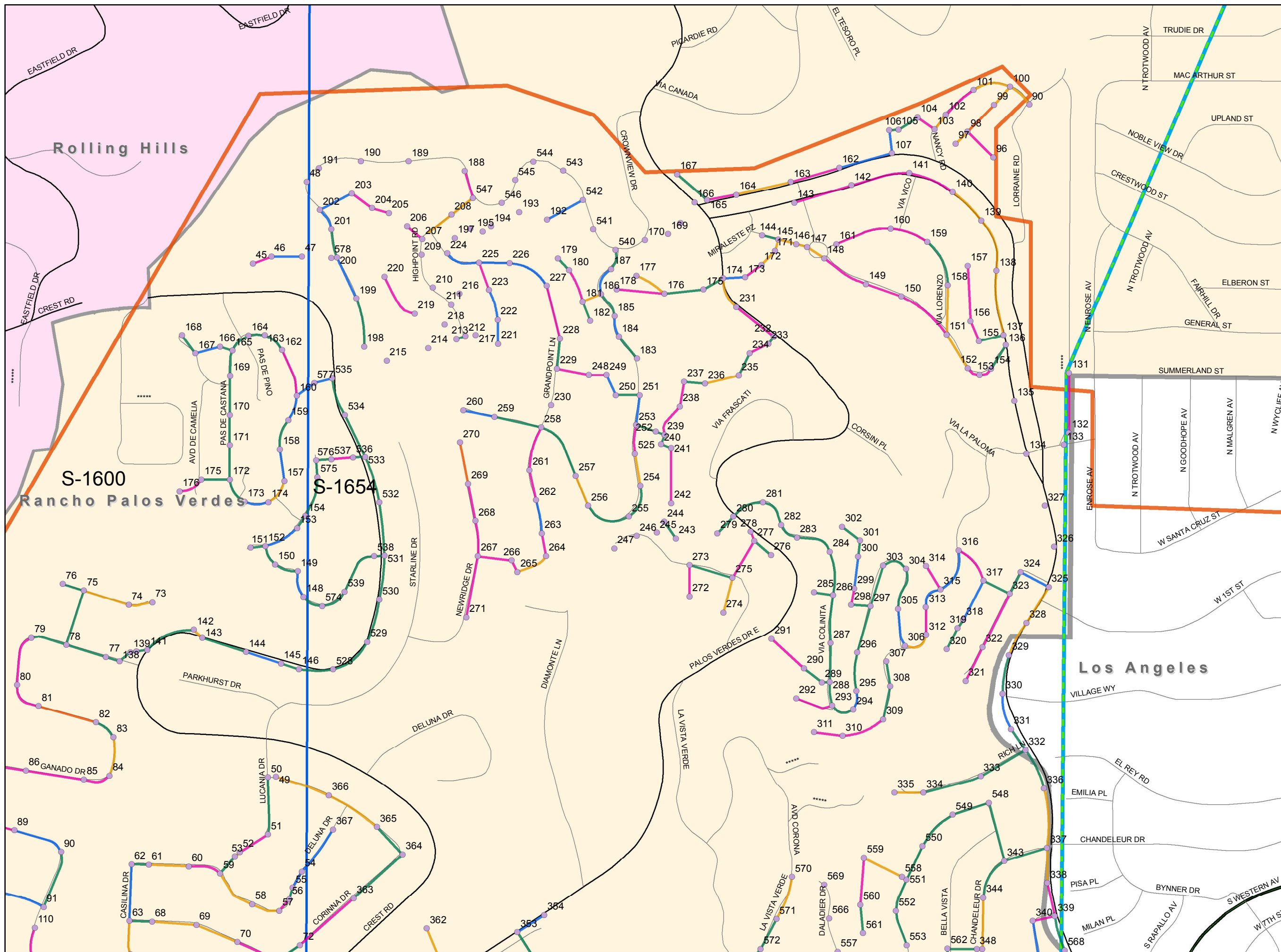
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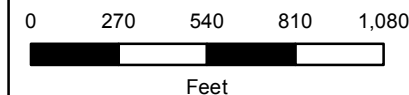


ENCLOSURE 2

CCTV PROJECT Y0TV0910A

Rancho Palos Verdes

QUICK MAINTENANCE RATING (QMR)



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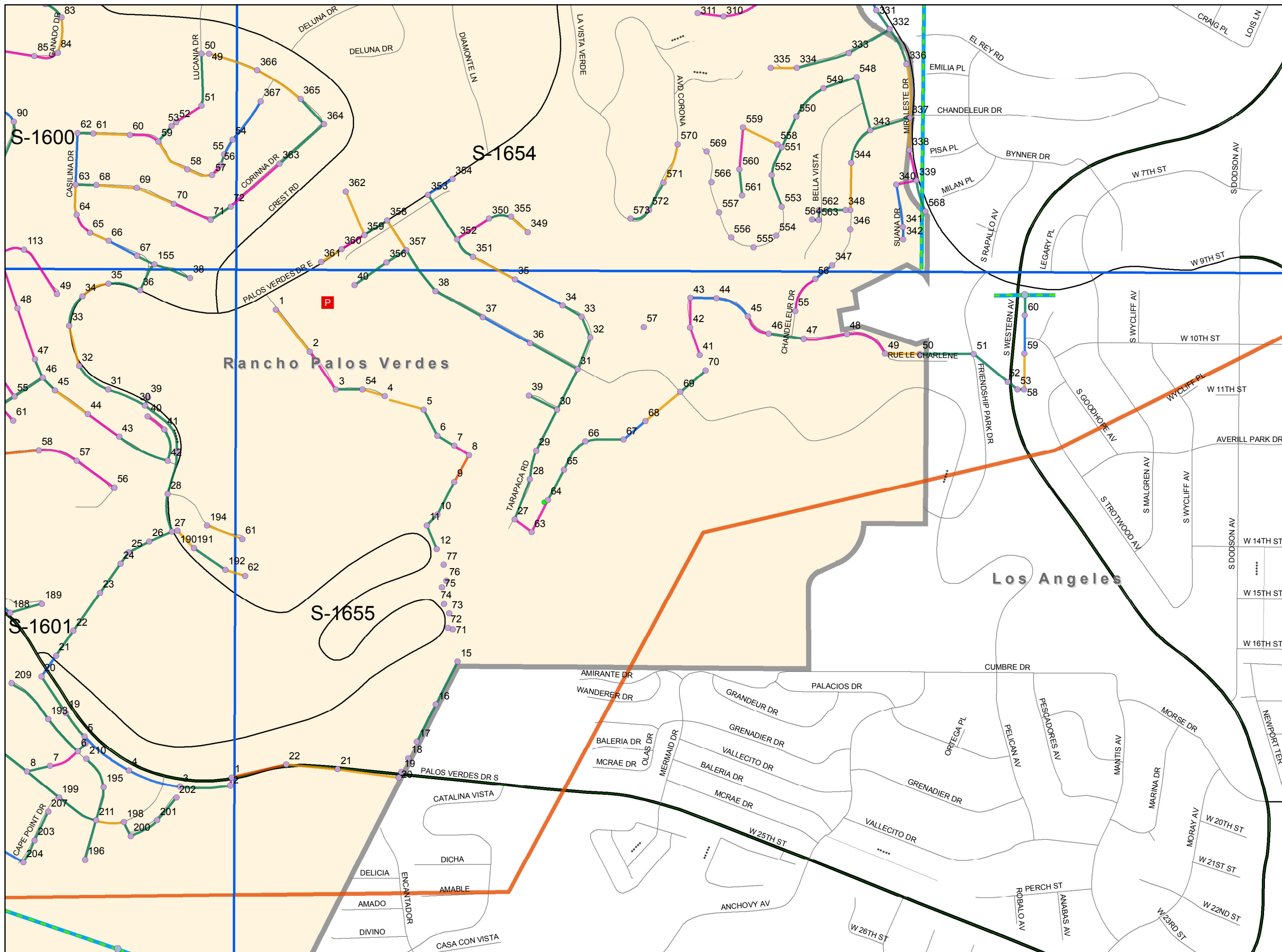
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MARCH 2013



ENCLOSURE 2
HIGH WATER LEVELS
CITY OF RANCHO PALOS VERDES (Y0TV0910A)
as of 07/10/09

ITEM NO.	QMR	START MH	END MH	STREET	OBSERVATION	PERCENT CAPACITY (LOCATION)	SAG (ft)
1	3C2A	1655-0068	1655-0069	EASEMENT	High water level	40% (95'-180')	85
2	4700	1655-0063	1655-0064	EASEMENT	Camera underwater	100% (4'-29')	25
3	342D	1655-0058	1655-0059	WESTERN AV	High water level	40% (295'-312')	17
4	4B3A	1655-0027A	1655-0063	EASEMENT	Camera underwater	100% (95'-138')	43
5	5100	1655-0022	1601-0001	25TH ST	High water mark	90% (19'-352')	333
6	3900	1655-0021	1655-0022	25TH ST	High water level	50% (270'-308')	38
7	342A	1654-0328	1654-0329	MIRALESTE DR	High water level	40% (0'-15')	15
8	372C	1654-0325	1654-0328	MIRALESTE DR	High water level	40% (232'-280')	48
9	4200	1654-0322	1654-0321	KINGSRIDGE DR	Camera underwater	100% (106'-120')	14
10	4F00	1654-0238	1654-0239	EASEMENT	Camera underwater	100% (59'-128')	69
11	4A3E	1654-0232	1654-0231	PALOS VERDES DR E	Camera underwater	100% (81'-125')	44
12	3200	1654-0208	1654-0547	HIGHPOINT RD	High water level	45% (94'-103')	9
13	3B29	1654-0172	1654-0171	ALLEY	High water level	40% (50'-115')	65
14	3822	1654-0171	1654-0145	ALLEY	High water level	40% (0'-33')	33
15	322E	1654-0163	1654-0164	MIRALESTE DR	High water level	45% (335'-343')	8
16	4831	1601-0073-A	1601-0074	SEAGLEN DR	Camera underwater	100% (209'-232')	23
17	4532	1601-0065	1601-0064	HIGHIDE DR	Camera underwater	100% (177'-197')	20
18	4512	1601-0057	1601-0058	SEACLAIRE DR	High water level	90% (0'-15')	15
19	4A34	1601-0056	1601-0057	SEACLAIRE DR	Camera underwater	100% (269'-318')	49
20	4100	1601-0001	1601-0002	25TH ST	High water mark	65% (45'-288')	243
21	4924	1600-0162	1600-0160	PASEO DE CASTANA	High water level	55% (205'-233')	28
22	413B	1600-0121	1600-0122	OCEANGROVE DR	Camera underwater	100% (277'-290')	13
23	4122	1600-0116	1600-0118	EASEMENT	Camera underwater	100% (8'-125')	117
24	5134	1600-0114	1600-0098	COOLHEIGHTS DR	High water mark	100% (181'-196')	15
25	4A31	1600-0105	1600-0104	CLIFFSITE DR	Camera underwater	100% (0'-10')	10
26	4500	1600-0093	1600-0094	EASEMENT	Camera underwater	100% (0'-6')	6
27	4D3J	1600-0088	1600-0089	GANADO DR	Camera underwater	100% (75'-270')	195
28	4135	1546-0328	1546-0327	EASEMENT	High water level	40% (68'-225')	157
29	4327	1546-0249	1546-0248	EASEMENT	Camera underwater	100% (298'-312')	14
30	5117	1546-0202	1546-TRNK	EASEMENT	Water Level	100% (0-29')	29
31	4131	1546-0113	1546-0112	EASEMENT	Camera underwater	100% (160-165')	5
32	321D	1546-0076	1546-0075	CARTIER DR	High water level	40% (186'-193')	7
33	5149	1546-0031	1546-0032	EASEMENT	Camera underwater	100% (44-79')	35
34	4200	1546-0015	1546-0009	EASEMENT	Camera underwater	100% (85-93')	8
35	4300	1546-0008	1546-0009	EASEMENT	Camera underwater	100% (0-99')	99
36	4A2H	1546-0002	1546-0004	OCEAN TERRACE DR	Camera underwater	100% (126-188')	62
37	3C2D	1545-0990	1545-0991	SANTA CATALINA DR	High water level	40% (2'-80')	78
38	4A35	1545-0439	1545-0438	VALLEY VIEW RD	Camera underwater	100% (234-277')	43
39	4B3E	1545-0437	1545-0438	VALLEY VIEW RD	Camera underwater	100% (0-115')	115

ENCLOSURE 2
INFILTRATION
CITY OF RANCHO PALOS VERDES (Y0TV0910A)
as of 07/10/09

ITEM NO.	QMR	START MH	END MH	STREET	OBSERVATION	Proposed Corrective Method
1	4100	1654-0277	1654-0278	PALOS VERDES DR E	Infiltration inside MH 277	Infiltration is minimal. No action needed.
2	4200	1546-0329	1546-0328	EASEMENT	Infiltration inside both MH 329 & 328	Infiltration is minimal. No action needed.
3	4135	1546-0328	1546-0327	EASEMENT	Infiltration inside MH 328	Infiltration is minimal. No action needed.
4	4111	1545-0296	1545-0297	OCEANPORT RD	Infiltration (runner) : 188'	Infiltration is minimal. No action needed.

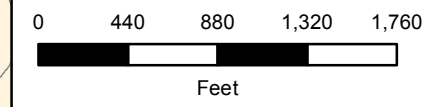
ENCLOSURE 2

CCTV PROJECT

Y0TV0910A

Rancho Palos Verdes

HIGH WATER LEVEL AND INFILTRATION

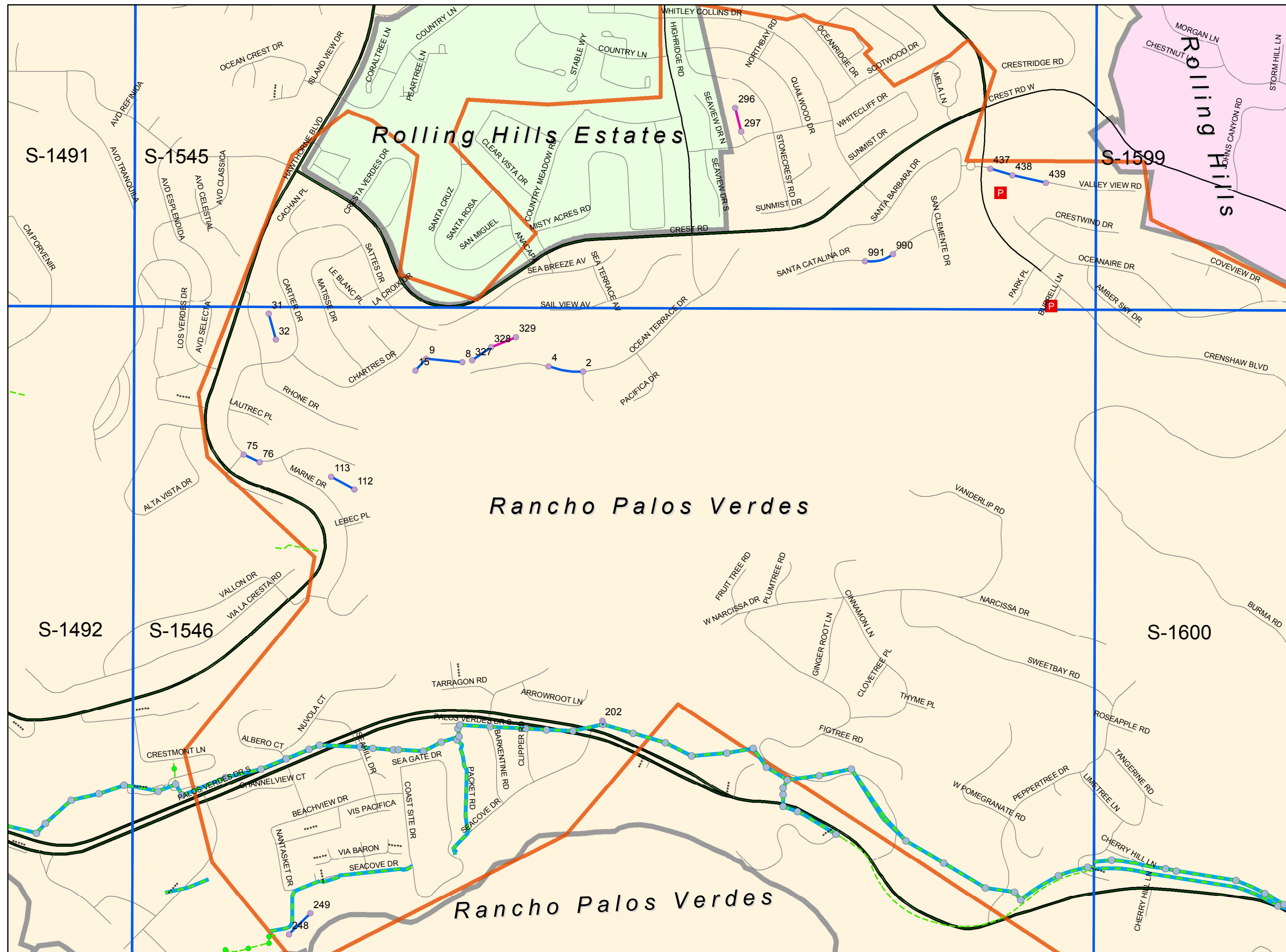


Legend

- HIGH WATER LEVELS
- INFILTRATION
- SMD Manholes**
 - Other
- Manhole Type**
 - Standard
 - ▲ DROP
 - Shallow
 - ◇ Trap
 - ⊗ Siphon
 - Ⓟ SMD Pump Stations
 - Ⓜ SMD Treatment Plants
- Maintained by Others:**
 - Trunk Sewerlines
 - - - Non SMD Sanitary Sewers
 - Non SMD Maintained MH
 - SMD Operations Maps
 - ▭ Y0TV0910A

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MARCH 2013



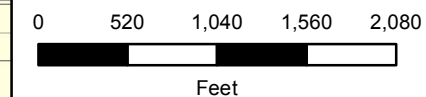
ENCLOSURE 2

CCTV PROJECT

Y0TV0910A

Rancho Palos Verdes

HIGH WATER LEVEL AND INFILTRATION



Legend

- HIGH WATER LEVELS
- INFILTRATION

SMD Manholes

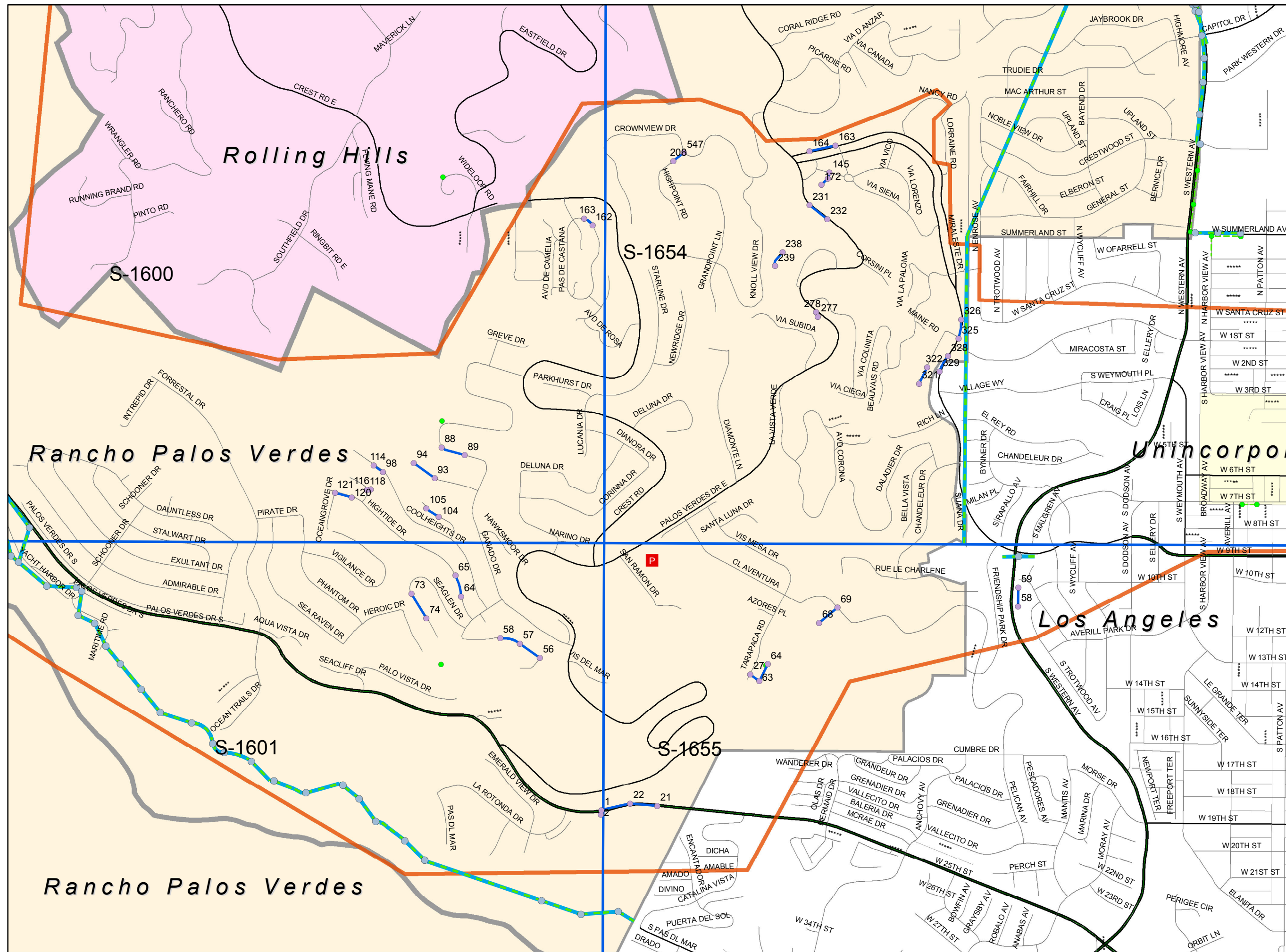
- Other
- Standard
- ▲ DROP
- Shallow
- ◇ Trap
- ⊗ Siphon
- Ⓟ SMD Pump Stations
- Ⓜ SMD Treatment Plants

Maintained by Others:

- Trunk Sewerlines
- Non SMD Sanitary Sewers
- Non SMD Maintained MH
- SMD Operations Maps
- Y0TV0910A

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MARCH 2013





GAIL FARBER, Director

COUNTY OF LOS ANGELES

DEPARTMENT OF PUBLIC WORKS

"To Enrich Lives Through Effective and Caring Service"

900 SOUTH FREMONT AVENUE
ALHAMBRA, CALIFORNIA 91803-1331
Telephone: (626) 458-5100
<http://dpw.lacounty.gov>

ADDRESS ALL CORRESPONDENCE TO:
P.O. BOX 1460
ALHAMBRA, CALIFORNIA 91802-1460

{date}

IN REPLY PLEASE

REFER TO FILE:

SM-1

Dear:

SEWER LATERAL ROOT INTRUSION

As the agency responsible for the maintenance of the sanitary sewer system in your area, the County of Los Angeles Consolidated Sewer Maintenance District (District) is providing you with this courtesy notice informing you that the sewer lateral serving the property located at XXXX, requires maintenance per **County Code 20.24.080 Maintenance of Sewer Laterals.**

"All house laterals, industrial connection sewers, septic tank outlet connections to STEP system, and appurtenances thereto existing as of January 23, 1953, or thereafter constructed, shall be maintained by the owner of the property served in a safe and sanitary condition, and all devices or safeguards which are required by this Division 2 for the operation thereof shall be maintained in good working order."

Using closed-circuit television (CCTV) camera technology, the District recently televised the sanitary sewer mainline and discovered the presence of roots in your sewer lateral connection. The intrusion of the roots from your lateral may block the flow of sewage in the mainline sewer causing a sanitary sewer overflow upstream of your property.

Since the CCTV inspection, the sewer mainline has been cleaned and blockages from root growth have been removed; however, the root blockage in your sewer lateral is still present. As the property owner, you are responsible for the entire length of the sewer lateral, which includes the portion that extends beyond the property line into the public right of way. We request that you contact a qualified plumbing contractor to service your sewer lateral within 90 days to remove roots and any other obstructions that may cause a sewage backup.

Prior to your plumbing contractor servicing your lateral, please notify the District's sewer maintenance yard in your area at XXXX to arrange for authorization to access the downstream manhole.

During your lateral service, your plumbing contractor must protect the District's sewer mainlines from dislodged roots and other debris by utilizing catcher baskets at the manhole downstream from your lateral connection.

After your lateral has been serviced, please notify the District office, XXXX, Sewer Maintenance Division, at XXXX.

For your reference, we have enclosed photos of your lateral connection showing the presence of the root blockage. Also enclosed are some literature on ways of minimizing sewer overflows and damage to your home.

Thank you for helping the Department of Public Works keep the public's sewers clean and in good working order.

Very truly yours,

GAIL FARBER
Director of Public Works

RAJESH PATEL
Assistant Deputy Director
Sewer Maintenance Division

XX:

Enc.

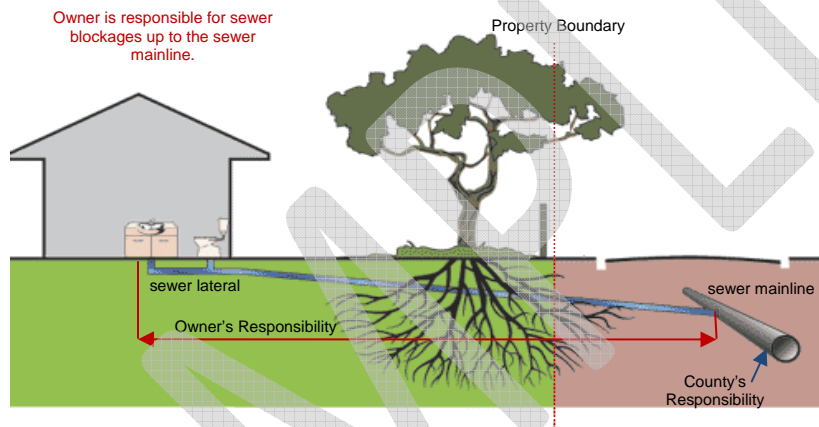
XXXX
Roots at Lateral Connection



Minimizing Sewer Overflows and Damage to Your Home

The sewer system within the County of Los Angeles Consolidated Sewer Maintenance District (District) is comprised of a series of underground pipes. Many are publicly owned; however, the sewer laterals are entirely owned by the private property owner they serve. The laterals extend from the building to the mainline within the street (or within an easement at the rear of your home). The laterals are typically four inches in diameter while the District's mainline is typically at least eight inches in diameter. The private property owner is responsible for the entire length of the lateral, which includes the portion that may be located within the public right of way (under the asphalt and street landscaping).

SEWER LATERALS – AREAS OF RESPONSIBILITY



Sewer backups can cause tremendous damage to the interior of a home. In order to minimize these, the District provides continual maintenance services for the public sewer mainlines.

Unfortunately, sewer laterals are often not maintained by private property owners until a disaster strikes. “Out of sight, out of mind” is a typical approach to sewer lateral maintenance and operation by many. It is our hope that we can provide you various means of addressing these issues and thus minimize your risk of an overflow entering your home.

The three methods we suggest are:

1. Maintain your lateral through proper cleaning, repair, and replacement
2. Do not place improper items into the sewer or make improper connections to the sewer
 - a. Keep rainwater out of the sewer lines as it overwhelms the capacity of the sewer lines and may cause sewer spills.
 - b. Do not pour fats, oils, and grease in your drains as these products harden and stick to the inside of the sewer pipes, which build up and may eventually cause a blockage in the sewer pipe.
3. Install a backflow preventer and cleanout in your sewer lateral.

ENCLOSURE 3:

- Quick Structural Rating Report
Priority List
- Quick Structural Rating Map

ENCLOSURE 3
QUICK STRUCTURAL RATING REPORT PRIORITY LIST
CITY OF RANCHO PALOS VERDES
as of 07/10/09

ITEM NO.	QSR	START MH	END MH	STREET	OBSERVATION: LOCATION	PROPOSED CORRECTIVE METHOD	LENGTH OF REPAIR (FT)
1	5741	1601-0076	1601-0077	EASEMENT	Broken: 3',53',64',73',78',88',103', 109'	Lining: MH to MH	112
2	5342	1600-0098	1600-0116	EASEMENT	Deformed/broken: 271', 291'; cracks	Lining: MH to MH	293
3	5241	1546-0192	1546-0191	BARKENTINE RD	Broken/fractures: 100',137'; cracks: multiple locations	Lining: MH to MH	239
4	523B	1545-0427	1545-0426	EASEMENT	Broken: 105'-109'; cracks: multiple locations	Lining: MH to MH	112
5	5233	1600-0002	1599-0146	EASEMENT	Broken; intruding break-in tap: 295'	Point Repair	
6	5232	1546-0111	1546-0105	EASEMENT	Broken: 76', 108'	Lining: MH to MH	182
7	5232	1546-0162	1546-0168	EASEMENT	Deformed & Broken: 113'-116'	Point Repair	
8	5231	1545-0073	1545-0072	EASEMENT	Broken: 55'-62'	Lining: MH to MH	87
9	5231	1546-0196	1546-0197	ARROWROOT LN	Broken: 16'; fractures/cracks; hole at base of MH 196	Lining: MH to MH; CSMD will repair base of MH 196	159
10	5221	1600-0016	1600-0015	DAUNTLESS DR	Broken with soil visible: 25'; hole at base of MH 15	Lining: MH to MH; CSMD will repair base of MH 0015	196
11	5221	1545-0434	1545-0435	EASEMENT	Hole at base of both MH 434 & 435	CSMD will repair base of both MH 434 & 435	
12	5200	1654-0181	1654-0186	EASEMENT	Broken: 39', 130'	Lining: MH to MH; CSMD will repair base of MH 186	132
13	5145	1655-0013	1655-0014	EASEMENT	Broken: 248'- 252'; fractures: multiple locations	Lining: MH to MH	322
14	5142	1601-0074	1601-0081	EASEMENT	Broken: 221'; fractures: 196', 206', 216'	Lining: MH to MH; CSMD will repair base of MH 81	229
15	5142	1654-0219	1654-0220	EASEMENT	Deformed, broken/fractures : 71'	Point Repair	
16	5142	1600-0089	1600-0090	GANADO DR	Deformed/broken (chimney): 67'; fractures : 165'	Lining: MH to MH	298
17	5141	1601-0102	1601-0103	EASEMENT	Broken/fractures: 60'; fractures	Lining: MH to MH	103
18	5141	1546-0032	1546-0031	EASEMENT	Deformed/broken: 58'	Point repair: 58'	
19	5141	1546-0166	1546-0167	EASEMENT	Broken: 25'-27'	Lining: MH to MH	141
20	5141	1546-0167	1546-0168	EASEMENT	Fractures: 8; broken: 92'	Lining: MH to MH	145
21	5141	1601-0187	1601-0186	EASEMENT	Fractures: 1'	Structural integrity in tact. No action needed.	
22	513N	1600-0009	1601-0149	PALOS VERDES DR S	Fractures/cracks: multiple locations; hole at base of MH 149	Lining: MH to MH; CSMD will repair base of MH 149	336
23	513L	1601-0155	1601-0154	PALOS VERDES DR S	Hole at base of MH 155	CSMD will repair base of MH 155	
24	513J	1599-0106	1599-0107	EASEMENT	Fractures: 18', 47', 70'; cracks: multiple locations	Lining: MH to MH	355
25	513B	1545-0436	1545-0435	EASEMENT	Cracks: multiple locations; hole at base of MH 435	Lining: MH to MH; CSMD will repair base of MH 435	184
26	513A	1601-0178	1600-0031	STALWART DR	Broken/fractures: 271'-275'	Emergency Repair (lining: MH to MH, completed: 05/10/10)	
27	5134	1599-0115	1545-0436	AMBER SKY DR	Hole (patched): 65'; broken: 68'	Structural integrity in tact. No action needed.	
28	5134	1546-0187	1546-0188	TARRAGON RD	Hole :242'; cracks	Structural integrity in tact. No action needed.	
29	5133	1654-0142	1654-0141	MIRALESTE DR	Broken:137'; cracks: 153',174'; roots at joints	Lining: MH to MH	354
30	5132	1601-0177	1601-0155	PALOS VERDES DR S	Hole at base of MH 155	CSMD will repair base of MH 155	
31	5131	1600-0015	1600-0011	DAUNTLESS DR	Broken at base of MH 11	CSMD will repair base of MH 11	

ENCLOSURE 3
QUICK STRUCTURAL RATING REPORT PRIORITY LIST
CITY OF RANCHO PALOS VERDES
as of 07/10/09

ITEM NO.	QSR	START MH	END MH	STREET	OBSERVATION: LOCATION	PROPOSED CORRECTIVE METHOD	LENGTH OF REPAIR (FT)
32	5131	1600-0012	1600-0013	ADMIRABLE DR	Broken/deformed: 83'	Point Repair	
33	5131	1545-0323	1545-0322	STONECREST RD	Broken with visible soil: 163'	Structural integrity in tact. No action needed.	
34	5131	1545-0425	1545-0424	EASEMENT	Broken : 300' near to MH 0424	Structural integrity in tact. No action needed	
35	5124	1654-0166	1654-0165	PALOS VERDES DR E- EASEMENT	Broken/fractures: 2', 12', 27'	Lining: MH to MH	32
36	5123	1600-0086	1600-0087	GANADO DR	Hole at base of MH 87	CSMD will repair base of MH 87	
37	5122	1601-0032	1601-0031	PALOS VERDES DR	Broken: 237'	Structural integrity in tact. No action needed.	
38	5122	1600-0091	1600-0092	BENDIGO DR	Hole at base of MH 92	CSMD will repair base of MH 92	
39	5122	1654-0329	1654-0330	MIRALESTE DR	Broken: 66'	Structural integrity in tact. No action needed.	
40	5121	1546-0082	1546-0081	EASEMENT	Broken with visible soil: 55', 95'	Clean and retelevise	
41	5121	1546-0097	1546-0098	HAWTHORNE BV	Hole at base of MH 98	CSMD will repair base of MH 98	
42	5121	1600-0014	1601-0160	ADMIRABLE DR	Hole at base of MH 160	CSMD will repair base of MH 160	
43	5121	1654-0214	1654-0213	EASEMENT	Broken with visible soil: 189'	Structural integrity in tact. No action needed.	
44	5121	1654-0315	1654-0314	EASEMENT	Broken/fracture: 156'	Structural integrity in tact. No action needed.	
45	5121	1545-0312	1545-0311	KEN ROED	Hole at base of MH 311	CSMD will repair base of MH 311	
46	5121	1600-0001	1599-0146	EASEMENT	Broken: 183'	Structural integrity in tact. No action needed.	
47	5121	1546-0031	1545-0063	EASEMENT	Broken/fractures: 119' (defective tap break-in)	Point Repair	
48	5121	1546-0197	1546-0196	ARROWROOT LN	Broken: 75'; hole at base of MH 196; broken: 16' from MH 196	Lining: MH to MH; CSMD will repair base of MH 196	159
49	5121	1654-0339	1654-0568	9TH ST	Broken (at joint) : 246'	Structural integrity in tact. No action needed	
50	5113	1655-0034	1655-0033	VISTA MESA DR	Broken: 9'	Structural integrity in tact. No action needed.	
51	5112	1545-0067	1545-0068	EASEMENT	Broken with visible void at base of MH 68	CSMD will repair base of MH 68	
52	5112	1600-0092	1600-0093	BENDIGO DR	Hole at base of MH 93	CSMD will repair base of MH 93	
53	5111	1545-0442	1545-0229	MELA LANE	Broken: 53'	Structural integrity in tact. No action needed.	
54	5111	1600-0119	1600-0120	HIGHTIDE DR	Hole with visible void at base of MH 120	CSMD will repair base of MH 120	
55	5100	1600-0085	1600-0086	GANADO DR	Broken with visible void at base of MH 86	CSMD will repair base of MH 86	
56	5100	1599-0103	1599-0104	EASEMENT	Broken : 173'	Lining: MH to MH	176
57	5100	1654-0239	1654-0240	EASEMENT	Joint offset : 2'	Structural integrity in tact. No action needed	
58	5100	1654-0235	1654-0234	EASEMENT	Broken: 109'	Point Repair	
59	5100	1654-0573	1654-0572	LA VISTA VERDE	Broken: 2'	Structural integrity in tact. No action needed.	
60	5100	1654-0311	1654-0310	EASEMENT	Broken : 17'	Structural integrity in tact. No action needed	
61	5100	1654-0177	1654-0176	EASEMENT	Broken: 44'	Structural integrity in tact. No action needed.	
62	5100	1654-0181	1654-0182	EASEMENT	Broken/hole: 60'	Point Repair	

ENCLOSURE 3
QUICK STRUCTURAL RATING REPORT PRIORITY LIST
CITY OF RANCHO PALOS VERDES
as of 07/10/09

ITEM NO.	QSR	START MH	END MH	STREET	OBSERVATION: LOCATION	PROPOSED CORRECTIVE METHOD	LENGTH OF REPAIR (FT)
63	5100	1545-0310	1545-0309	WHITLEY COLLINS DR	Broken with visible void at base of MH 309	CSMD will repair base of MH 309	
64	5100	1601-0096	1601-0097	PHANTOM DR	Hole with visible void at base of MH 97	CSMD will repair base of MH 97	
65	5100	1546-0093	1546-0094	HAWTHORNE BV	Broken with visible void at base of MH 94	CSMD will repair base of MH 94	
66	5100	1600-0010	1600-0011	ADMIRABLE DR	Broken with visible void at base of MH 11	CSMD will repair base of MH 11	
67	5100	1600-0047	1654-0200	Private Rd	Hole at the base of MH 200	CSMD will repair base of MH 200	
68	5100	1545-0072	1545-0071	EASEMENT	Broken with visible void at base of MH 72	CSMD will repair base of MH 72	
69	5100	1546-0108	1546-0107	EASEMENT	Broken with visible void at base of MH 107	CSMD will repair base of MH 107	
70	5100	1600-0130	1600-0131	PIRATE DR	Hole with visible void at base of MH 131	CSMD will repair base of MH 131	
71	5100	1600-0132	1601-0095	SEARAVEN DR	Broken with visible void at base of MH 95	CSMD will repair base of MH 95	
72	5100	1601-0095	1601-0094	SEARAVEN DR	Broken with visible void at base of MH 94	CSMD will repair base of MH 94	
73	5100	1601-0094	1601-0093	SEARAVEN DR	Broken with visible void at base of MH 94	CSMD will repair base of MH 94	
74	5100	1654-0103	1654-0104	EASEMENT	Broken: 86'	Structural integrity in tact. No action needed.	
75	5100	1654-0150	1654-0151	VIA SIENA	Broken: 37'	Structural integrity in tact. No action needed.	
76	5100	1546-0201	1546-0202	EASEMENT	Hole with visible soil at base of MH 202	CSMD will repair base of MH 202	
77	5100	1601-0191	1601-0192	EASEMENT	Broken/deformed :105'	Structural integrity in tact. No action needed.	
78	5100	1601-0206	1601-0013	EASEMENT	Hole with visible soil :26'	Structural integrity in tact. No action needed.	
79	4633	1545-0282	1545-0281	EASEMENT	Fractures/cracks: multiple locations	Lining: MH to MH	265
80	4436	1601-0020	1601-0019	EASEMENT	Broken/deformed/fractures: 241; cracks: multiple locations	Lining: MH to MH	283
81	4337	1655-0011	1655-0012	EASEMENT	Fractures & cracks: multiple locations	Lining: MH to MH	162
82	4321	1546-0113	1546-0114	EASEMENT	Broken/Fractures (break-in tap): 42'	Lining: MH to MH	288
83	4231	1546-0200	1546-0201	EASEMENT	Fractures: 47', 64'	Structural integrity in tact. No action needed.	
84	4212	1601-0013	1601-0014	EASEMENT	Fractures: 134' - 144'	Structural integrity in tact. No action needed.	
85	4200	1545-0974	1545-0973	MATISSE DR	Broken: 73'	Point Repair	
86	4200	1654-0105	1654-0104	EASEMENT	Fractures: 17'-20'	Structural integrity in tact. No action needed.	
87	413J	1601-0149	1601-0150	PALOS VERDES DR S	Fractures/cracks: multiple locations	Lining: MH to MH	234
88	413J	1601-0134	1601-0133	CONQUEROR DR	Fractures: 46', 151'; broken: 83'; multiple cracks	Lining: MH to MH	223
89	413A	1546-0184	1546-0185	PALOS VERDES DR S	Fractures/cracks: multiple locations	Lining: MH to MH	203
90	4133	1601-0066	1601-0065	HIGHIDE DR	Fractures: 225'; cracks: 197'	Lining: MH to MH	310
91	4132	1601-0108	1601-0107	VIGILANCE DR	Fractures: 182'	Structural integrity in tact. No action needed.	
92	4131	1600-0008	1600-0009	PALOS VERDES DR S	Broken/fracture: 173'; cracks: multiple locations	Point Repair	
93	4131	1601-0043	1601-0044	GANADO DR	Fractures: 138' - 143'; roots at joints	Lining: MH to MH	327

ENCLOSURE 3
QUICK STRUCTURAL RATING REPORT PRIORITY LIST
CITY OF RANCHO PALOS VERDES
as of 07/10/09

ITEM NO.	QSR	START MH	END MH	STREET	OBSERVATION: LOCATION	PROPOSED CORRECTIVE METHOD	LENGTH OF REPAIR (FT)
94	4131	1601-0056	1601-0057	SEACLAIRES DR	Fractures: 255', 259'	Structural integrity in tact. No action needed.	
95	4131	1546-0055	1545-0066	EASEMENT	Broken with visible void at base of MH 66	CSMD will repair base of MH 66	
96	4131	1545-0185	1545-0068	EASEMENT	Hole : 18'; fracture: 50'	Structural integrity in tact. No action needed.	
97	4131	1600-0088	1600-0089	GANADO DR	Fractures (lateral connection): 275'	Structural integrity in tact. No action needed.	
98	4131	1600-0126	1600-0127	EASEMENT	Fractures: 179'	Structural integrity in tact. No action needed.	
99	4131	1654-0149	1654-0150	VIA SIENA	Fractures: 43'	Structural integrity in tact. No action needed.	
100	4131	1654-0099	1654-0098	EASEMENT	Fractures: 101'; illegal connection to MH	Structural integrity in tact. No action needed	
101	4131	1654-0328	1654-0329	MIRALESTE DR	Broken: 28'; fractures: 108', 118', 142'	Lining: MH to MH	225
102	4122	1545-0210	1545-0209	CREST RD	Fractures: 40'; cracks: multiple locations	Lining: MH to MH	350
103	4115	1546-0180	1546-0181	PALOS VERDES DR S	Hole at the base of MH 181	CSMD will repair base of MH 181	
104	4111	1601-0079	1601-0080	EASEMENT	Fractures: 74'	Structural integrity in tact. No action needed.	
105	4111	1546-0255	1546-0256	EASEMENT	Fractures: 226'	Structural integrity in tact. No action needed.	
106	4111	1599-0095	1599-0096	EASEMENT	Broken with visible void at base of MH 96	CSMD will repair base of MH 96	
107	4100	1600-0077	1600-0078	GANADO DR	Fractures (part of manhole base): 344'	Structural integrity in tact. No action needed.	
108	4100	1546-0228	1546-0229	SEACOVE DR	Fractures: 233'	Structural integrity in tact. No action needed.	
109	4100	1546-0268	1546-0267	EASEMENT	Fractures/hole (patched): 46'	Structural integrity in tact. No action needed.	
110	4100	1546-0266	1546-0265	EASEMENT	Fractures: 44'	Structural integrity in tact. No action needed.	
111	4100	1546-0059	1546-0044	EASEMENT	Broken : 119'	Lining: MH to MH	159
112	4100	1546-0332	1546-0331	EASEMENT	Fractures: 46'	Structural integrity in tact. No action needed.	
113	4100	1545-1035	1545-1034	SEABREEZE AV	Fractures: 232'	Structural integrity in tact. No action needed.	
114	4100	1546-0083	1546-0085	EASEMENT	Fractures: 30'	CSMD will repair base of MH 85	
115	4100	1546-0239	1546-0238	BEACHVIEW DR	Fractures/deformed: 110' - 111'	Lining: MH to MH	149
116	4100	1546-0231	1546-0229	NANTASKET DR	Fractures: 293'	Structural integrity in tact. No action needed.	
117	4100	1546-0291	1546-0243	EASEMENT	Fractures : 180'; hole at base of MH 243	CSMD will repair base of MH 243	
118	4100	1546-0163	1546-0162	MARNE DR	Broken with visible void at base of MH 162	CSMD will repair base of MH 162	
119	4100	1546-0248	1546-0247	EASEMENT	Fractures: 4'	Lining: MH to MH	145

ENCLOSURE 3

CCTV PROJECT Y0TV0910A

Rancho Palos Verdes

**QUICK
STRUCTURAL
RATING
(QSR)**



Legend

SMD Sanitary Sewers QSR

- 1: MINOR
- 2: MINOR TO MODERATE
- 3: MODERATE
- 4: SIGNIFICANT
- 5: MOST SIGNIFICANT

SMD Manholes

Other

Manhole Type

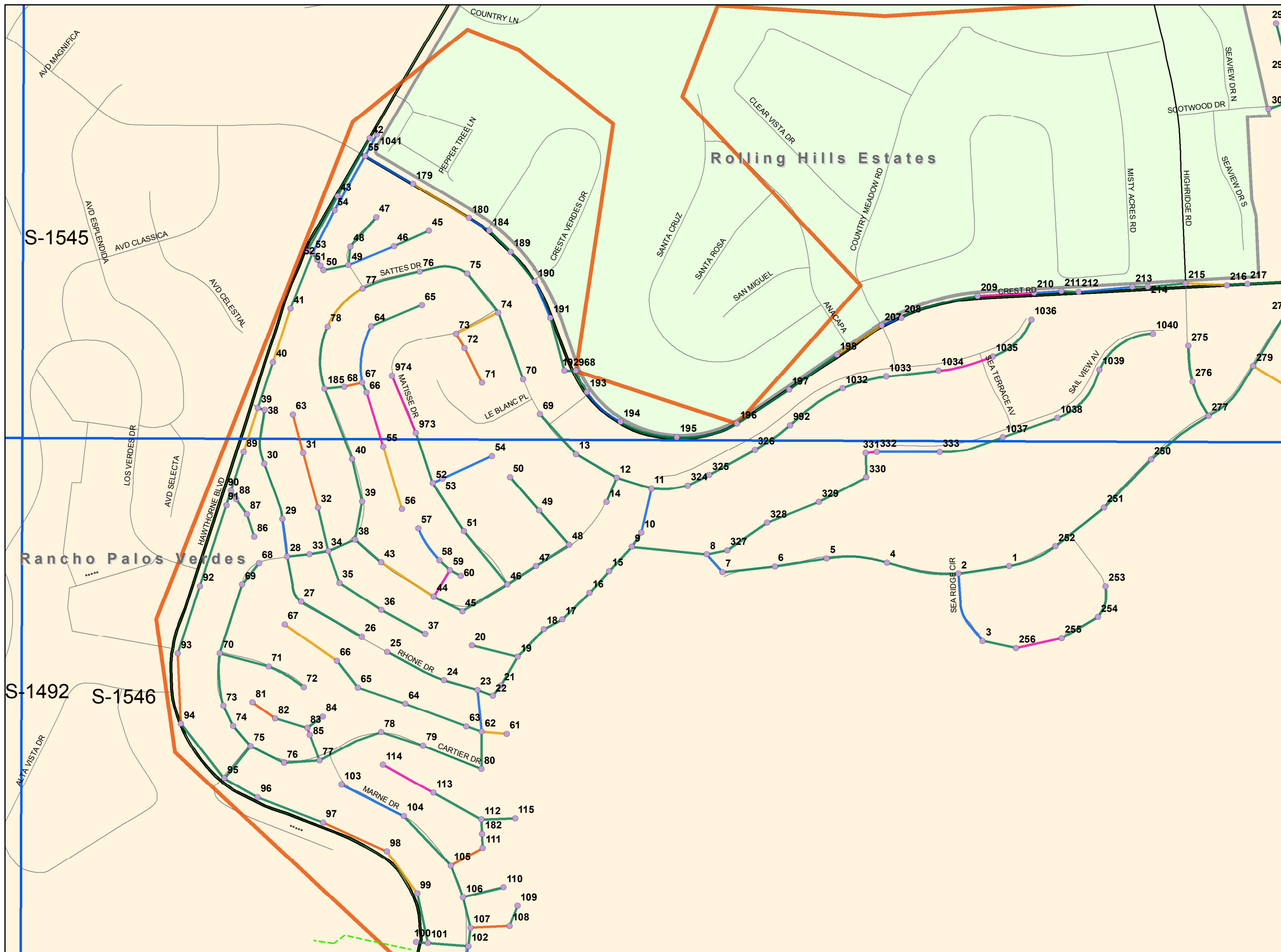
- Standard
- DROP
- Shallow
- Trap
- Siphon
- SMD Pump Stations
- SMD Treatment Plants

Maintained by Others:

- Trunk Sewerlines
- Non SMD Sanitary Sewers
- Non SMD Maintained MH
- SMD Operations Maps
- Y0TV0910A

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MARCH 2013



ENCLOSURE 3

CCTV PROJECT Y0TV0910A

Rancho Palos Verdes

QUICK STRUCTURAL RATING (QSR)



Legend

SMD Sanitary Sewers

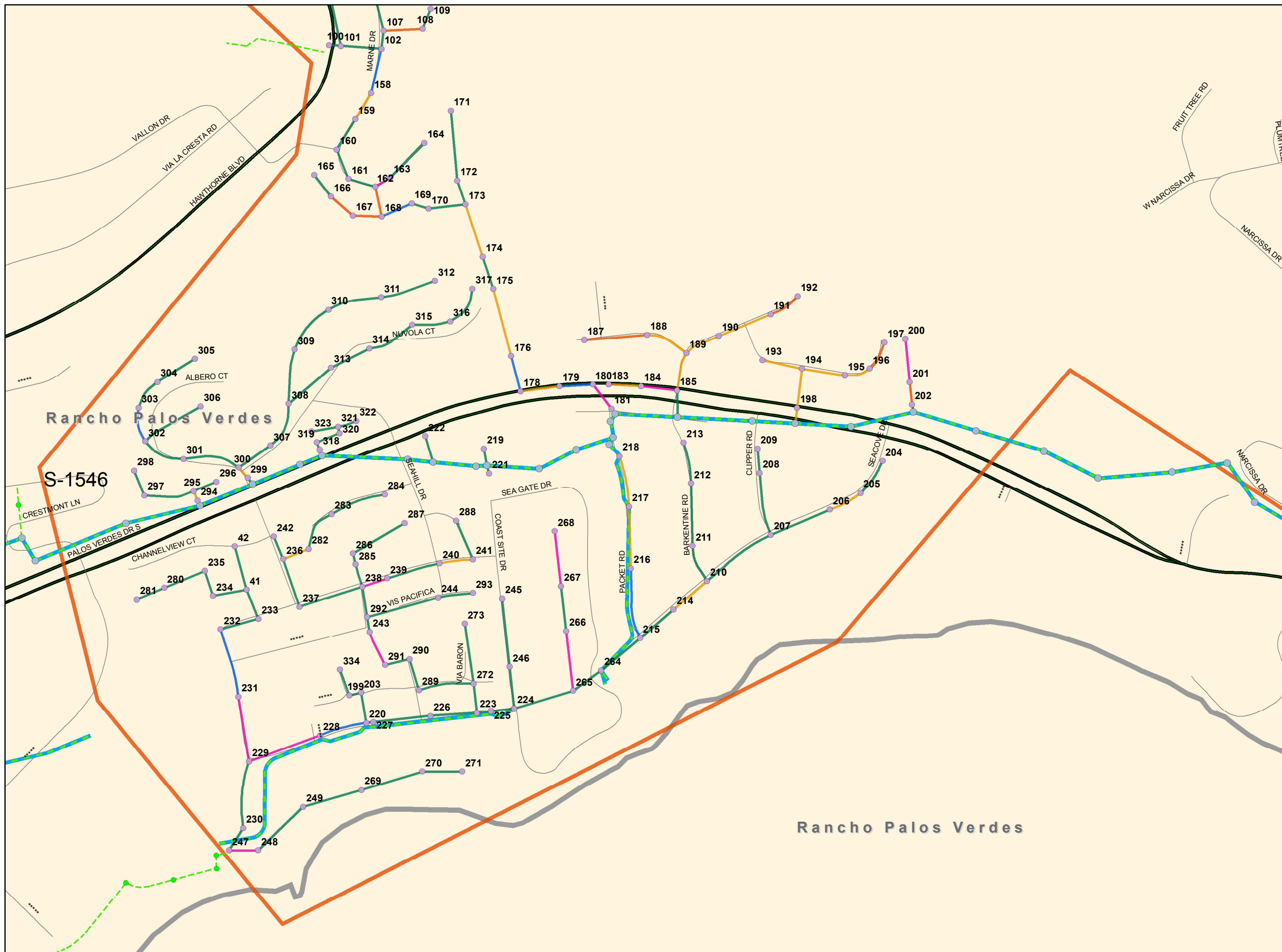
- QSR**
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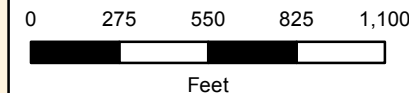
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ENCLOSURE 3

CCTV PROJECT Y0TV0910A

Rancho Palos Verdes

QUICK STRUCTURAL RATING (QSR)



Legend

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SMD Manholes

Other

Manhole Type

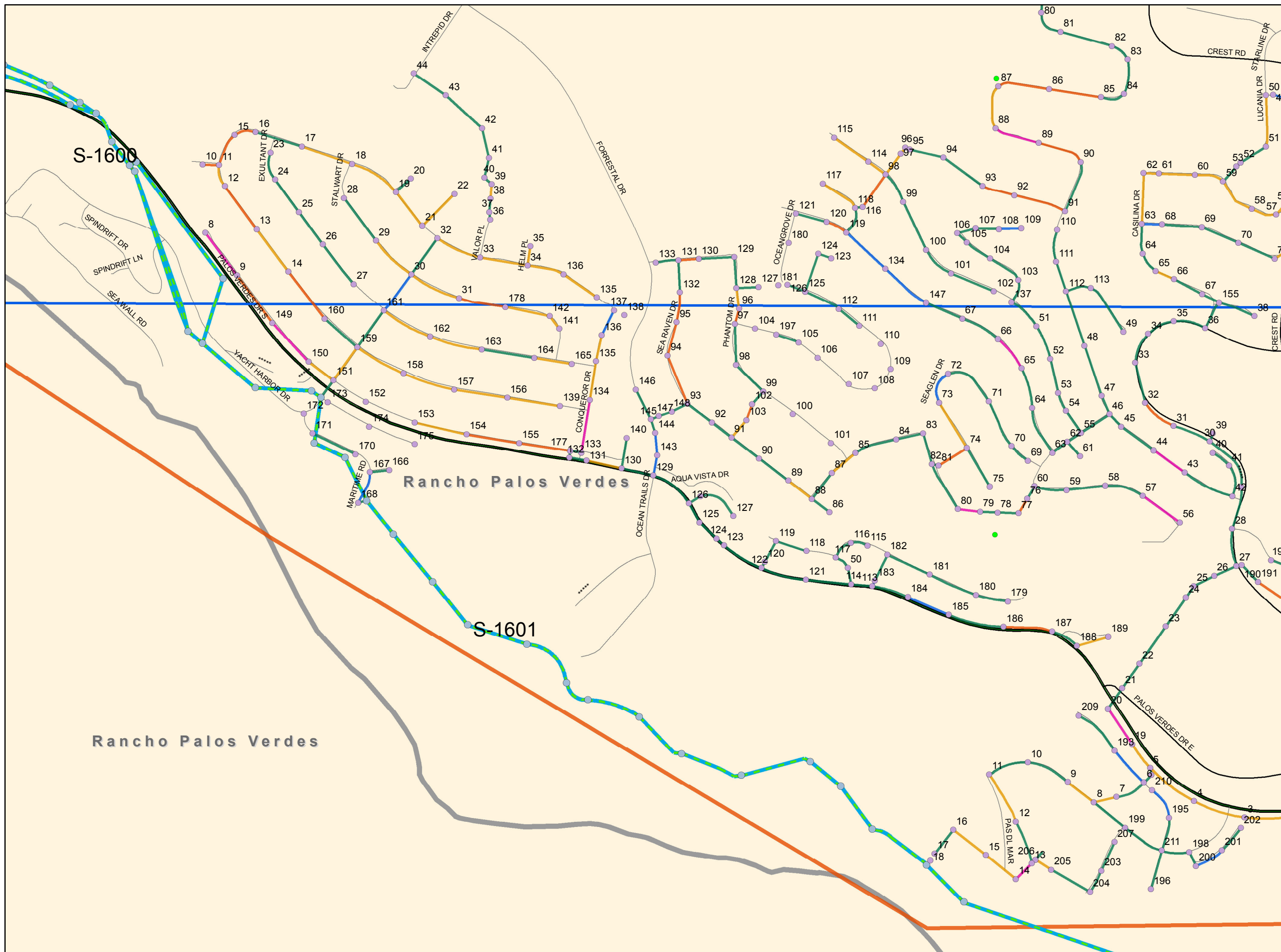
- Standard
- DROP
- Shallow
- Trap
- Siphon
- SMD Pump Stations
- SMD Treatment Plants

Maintained by Others:

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MARCH 2013



S-1600

S-1601

Rancho Palos Verdes

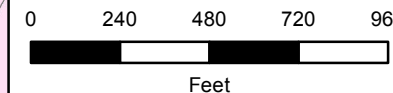
Rancho Palos Verdes

ENCLOSURE 3

CCTV PROJECT Y0TV0910A

Rancho Palos Verdes

QUICK STRUCTURAL RATING (QSR)



Legend

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SMD Manholes

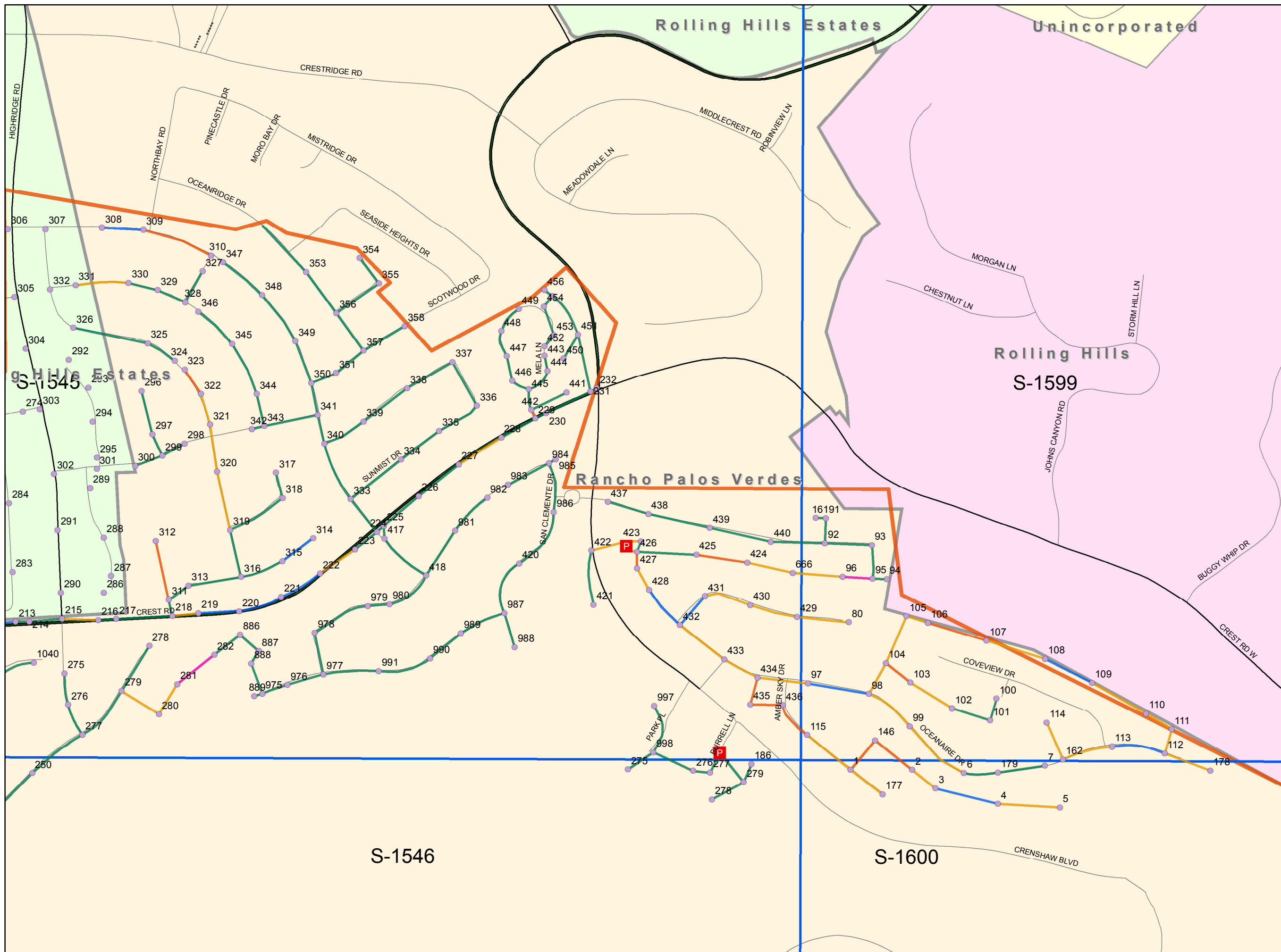
- Other
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- Trap
- Siphon
- SMD Pump Stations
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MARCH 2013



S-1546

S-1600

Rolling Hills Estates
S-1545

Rancho Palos Verdes

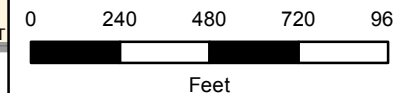
Rolling Hills
S-1599

ENCLOSURE 3

CCTV PROJECT Y0TV0910A

Rancho Palos Verdes

QUICK STRUCTURAL RATING (QSR)



Legend

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SMD Manholes

Other

Manhole Type

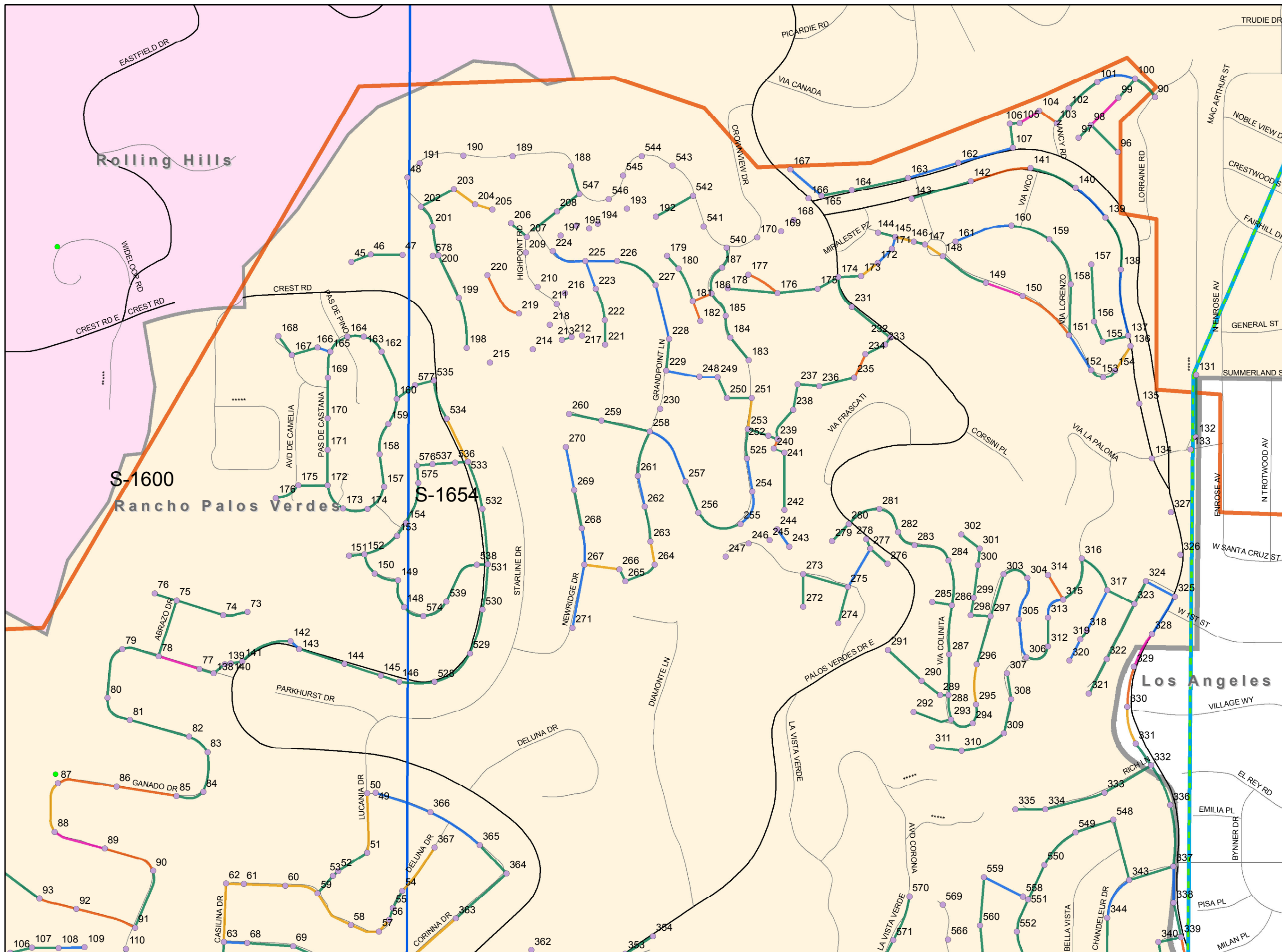
- Standard
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- Shallow
- Trap
- Siphon
- SMD Pump Stations
- SMD Treatment Plants

Maintained by Others:

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MARCH 2013



Rolling Hills

S-1600

Rancho Palos Verdes

S-1654

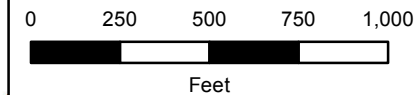
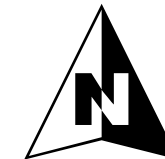
Los Angeles

ENCLOSURE 3

CCTV PROJECT Y0TV0910A

Rancho Palos Verdes

**QUICK
STRUCTURAL
RATING
(QSR)**



Legend

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Manhole Type

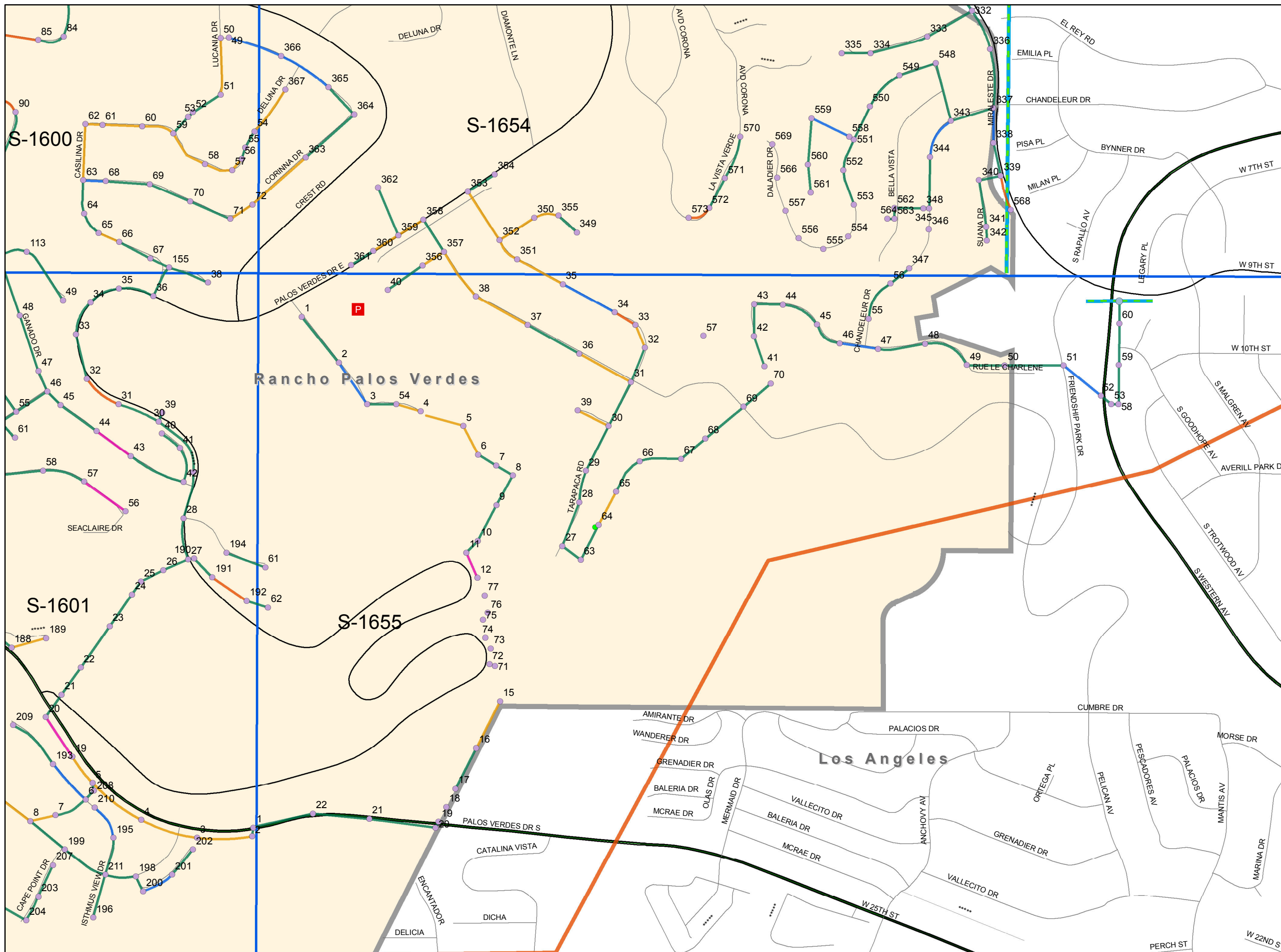
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- DROP
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- Trap
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MARCH 2013



ENCLOSURE 4:

Infrastructure Inspection Reports
for Grades 4 and 5



Inspection report

Date: 20100301	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1262	PSR: 75389
Total Pipe Length: 274.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 02/26/2010	Pre-Cleaned: Jetting	Map Grid #: 1546

Street: EASEMENT	Flow Control: Not Controlled	Start MH: 1546-0031
City: RPV	Year Renewed:	End MH: 1546-0032
Location Code: Easement/Right of Way	Tape/Media #: G312-013	pipe length: 79.3 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length: 5.0
Drain. Area: 0031/1546-0032/1546	Lining Method:
	Category:

Remark::

1:200	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1546-0031	00:00:35	3179	
	2.00 S2	Water Level Sag, 30 %, within 8 inch: NO, Start	00:01:32	3180, b	M 2
	2.00 S3	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, Start	00:01:46	3182, b	M 1
	44.10 S4	Camera Underwater, within 8 inch: NO, Start	00:05:28	3184	M 4
	79.30 F2	Water Level Sag, 30 %, within 8 inch: NO, End	00:07:31	3185	M 2
	79.30 F3	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, End	00:07:41	3186	M 1
	79.30 F4	Camera Underwater, within 8 inch: NO, End	00:07:56	3187	M 4
	79.30	Roots Ball Barrel, from 7 to 6 o'clock, 80 %, within 8 inch: NO, Remarks: HOLDING BACK FLOW-RED FLA	00:08:46	3188	M 5
	79.30	Abandoned Survey, within 8 inch: NO, Remarks: COMPLETES INSPECTION OF E	00:09:04	3189	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	5149	0	98	98	0	2.04	2.04



Inspection report

Date: 20100326	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Martin Garcia	section number: 889	PSR: 71741
Total Pipe Length: 350.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/07/2010	Pre-Cleaned: Jetting	Map Grid #: 1601

Street: PALOS VERDES DR S	Flow Control: Not Controlled	Start MH: 1601-0153
City: RPV	Year Renewed	End MH: 1601-0152
Location Code: Light Highway	Tape/Media #: M315-002	pipe length: 348.1 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0153/1601-0152/1601	Lining Method:
	Category:

Remark::

1:495	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1601-0153	00:00:27	2113	
	6.00	Water Level, 15 %, within 8 inch: NO	00:01:28	2114	
	7.30	Roots Fine Joint, from 12 to 5 o'clock, within 8 inch: YES	00:01:49	2115, b	M 1
	28.00	Roots Fine Joint, from 12 to 4 o'clock, within 8 inch: YES	00:03:22	2117, b	M 1
	29.10	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:03:54	2119	
	29.10	Roots Medium Lateral, at 3 o'clock, 30 %, within 8 inch: NO	00:04:09	2120	M 3
	29.10	Roots Medium Connection, from 1 to 5 o'clock, 25 %, within 8 inch: NO	00:04:38	2121	M 3
	30.60	Roots Medium Joint, from 1 to 5 o'clock, 25 %, within 8 inch: YES	00:05:05	2122	M 3
	40.70	Crack Circumferential, from 8 to 4 o'clock, within 8 inch: YES	00:05:49	2123, b	S 1
	40.70	Roots Fine Joint, at 4 o'clock, within 8 inch: YES	00:06:08	2125	M 1
	102.90	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:22:41	2126	
	102.90	Roots Fine Lateral, at 3 o'clock, within 8 inch: NO	00:22:53	2127	M 1
	104.20	Roots Fine Joint, at 2 o'clock, within 8 inch: YES	00:23:10	2128, b	M 1
	151.90	Crack Circumferential, from 8 to 4 o'clock, within 8 inch: YES	00:25:15	2130, b	S 1
	151.90	Roots Fine Joint, at 4 o'clock, within 8 inch: YES	00:25:31	2132, b	M 1
	165.30	Roots Fine Joint, from 9 to 10 o'clock, within 8 inch: YES	00:26:24	2134, b	M 1
	165.30	Crack Circumferential, from 8 to 5 o'clock, within 8 inch: YES	00:26:37	2136, b	S 1
	186.10	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	00:27:41	2138, b	M 1
	186.10	Crack Circumferential, from 7 to 5 o'clock, within 8 inch: YES	00:28:11	2140, b	S 1
	187.30	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:28:36	2142	



Inspection report

Date: 20100326	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Martin Garcia	section number: 889	PSR: 71741
Total Pipe Length: 350.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/07/2010	Pre-Cleaned: Jetting	Map Grid #: 1601

1:495	position	observation	MPEG	photo	grade
	<u>225.70</u>	Roots Fine Joint, at 2 o'clock, within 8 inch: YES	00:29:52	2143, b	M 1
	<u>229.10</u>	Roots Fine Joint, at 2 o'clock, within 8 inch: YES	00:30:23	2145, b	M 1
	<u>236.20</u>	Crack Circumferential, from 7 to 5 o'clock, within 8 inch: YES	00:30:59	2147, b	S 1
	<u>236.20</u>	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	00:31:17	2149, b	M 1
	<u>246.10</u>	Crack Circumferential, from 7 to 5 o'clock, within 8 inch: YES	00:32:07	2151, b	S 1
	<u>246.10</u>	Roots Fine Joint, from 4 to 9 o'clock, within 8 inch: YES	00:32:30	2153, b	M 1
	<u>263.20</u>	Roots Fine Joint, from 7 to 8 o'clock, within 8 inch: YES	00:33:18	2155, b	M 1
	<u>263.20</u>	Crack Circumferential, from 7 to 2 o'clock, within 8 inch: YES	00:33:34	2157, b	S 1
	<u>266.60</u>	Crack Circumferential, from 12 to 5 o'clock, within 8 inch: YES	00:34:24	2159, b	S 1
	<u>266.60</u>	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	00:34:36	2161, b	M 1
	<u>290.70</u>	Roots Fine Joint, from 9 to 2 o'clock, within 8 inch: YES	00:35:43	2163, b	M 1
	<u>297.70</u>	Crack Circumferential, from 7 to 5 o'clock, within 8 inch: YES	00:36:25	2165, b	S 1
	<u>297.80</u>	Roots Fine Joint, from 7 to 8 o'clock, within 8 inch: YES	00:36:45	2167, b	M 1
	<u>307.90</u>	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	00:37:24	2169, b	M 1
	<u>309.10</u>	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:37:50	2171	
	<u>309.10</u>	Roots Fine Lateral, at 3 o'clock, within 8 inch: NO	00:38:01	2172	M 1
	<u>348.10</u>	Manhole, within 8 inch: NO, Remarks: 1601-0153	00:39:30	2173	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
1900	331B	9	27	36	1	1.29	1.2



Inspection report

Date: 20100308	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1318	PSR: 75223
Total Pipe Length: 216.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/05/2010	Pre-Cleaned: Jetting	Map Grid #: 1546

Street: BARKENTINE RD	Flow Control: Not Controlled	Start MH: 1546-0212
City: RPV	Year Renewed:	End MH: 1546-0213
Location Code: Light Highway	Tape/Media #: G312-018	pipe length: 267.7 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length: 5.0
Drain. Area: 0212/1546-0213/1546	Lining Method:
	Category:

Remark::

1:600	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1546-0212	00:00:53	4156	
	5.00	Water Level, 5 %, within 8 inch: NO	00:01:35	4157	
	6.90 S1	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, Start	00:02:04	4158, b	M 1
	36.00	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:04:19	4160	
	36.00	Roots Medium Lateral, at 3 o'clock, 30 %, within 8 inch: NO	00:05:00	4161, b	M 3
	45.50	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:05:42	4163	
	45.50	Roots Fine Lateral, at 9 o'clock, within 8 inch: NO	00:06:03	4164, b	M 1
	91.50 F1	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, End	00:07:53	4166	M 1
	95.10 S2	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, Start	00:08:26	4167, b	M 1
	103.50	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:09:03	4169	
	107.70 F2	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, End	00:09:20	4170	M 1
	145.90 S3	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, Start	00:10:38	4171, b	M 1
	147.50	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:11:03	4173	
	147.50	Roots Fine Lateral, at 9 o'clock, within 8 inch: NO	00:11:19	4174, b	M 1
	150.10	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:11:48	4176	
	150.10	Roots Medium Lateral, at 3 o'clock, 35 %, within 8 inch: NO	00:12:06	4177, b	M 3
	178.80	Joint Offset Medium, within 8 inch: YES	00:13:17	4179, b	S 1
	178.80 F3	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, End	00:13:31	4181	M 1
	185.70 S4	Roots Fine Joint, from 2 to 7 o'clock, within 8 inch: YES, Start	00:14:04	4182, b	M 1
	194.20	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:14:39	4184	
	202.10 F4	Roots Fine Joint, from 2 to 7 o'clock, within 8 inch: YES, End	00:14:59	4185	M 1
	235.20	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:16:03	4186	
	258.60	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:16:58	4187	
	267.70	Obstacle Construction Debris, from 5 to 7 o'clock, 15 %, within 8 inch: NO, Remarks: cement in channel of UPS	00:18:12	4188, b	M 3
	267.70	Manhole, within 8 inch: NO, Remarks: 1546-0213	00:18:44	4190	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
1100	331G	1	47	48	1	1.15	1.14



Inspection report

Date: 20100308	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1319	PSR: 75222
Total Pipe Length: 311.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/05/2010	Pre-Cleaned: Jetting	Map Grid #: 1546

Street: BARKENTINE RD	Flow Control: Not Controlled	Start MH: 1546-0212
City: RPV	Year Renewed	End MH: 1546-0211
Location Code: Light Highway	Tape/Media #: G312-018	pipe length: 341 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length: 5.0
Drain. Area: 0211/1546-0212/1546	Lining Method:
	Category:

Remark::

1:775	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1546-0212	00:00:55	4191	
	<u>3.00</u> S1	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, Start	00:01:36	4192, b	M 1
	5.00	Water Level, 5 %, within 8 inch: NO	00:02:16	4194	
	30.00	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:03:15	4195	
	<u>30.00</u>	Roots Medium Lateral, at 9 o'clock, 35 %, within 8 inch: NO	00:03:36	4196, b	M 3
	39.40	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:04:17	4198	
	<u>39.40</u>	Roots Tap Lateral, at 3 o'clock, 15 %, within 8 inch: NO	00:04:35	4199, b	M 2
	108.00	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:06:45	4201	
	<u>108.00</u>	Roots Medium Lateral, at 3 o'clock, 35 %, within 8 inch: NO	00:07:06	4202, b	M 3
	120.70	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:07:50	4204	
	<u>120.70</u>	Roots Fine Lateral, at 9 o'clock, within 8 inch: NO	00:08:24	4205, b	M 1
	171.10	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:09:50	4207	
	<u>171.10</u>	Roots Fine Lateral, at 9 o'clock, within 8 inch: NO	00:10:05	4208, b	M 1
	<u>175.60</u> F1	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, End	00:10:50	4210	M 1
	<u>179.30</u> S2	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, Start	00:11:27	4211, b	M 1
	184.10	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:12:09	4213	
	<u>184.10</u>	Roots Medium Connection, from 3 to 6 o'clock, 25 %, within 8 inch: NO	00:12:30	4214, b	M 3
	217.90	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:13:51	4216	
	223.80	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:14:22	4217	
	<u>223.80</u>	Roots Fine Lateral, at 9 o'clock, within 8 inch: NO	00:14:33	4218, b	M 1
	284.00	General Observation, within 8 inch: NO, Remarks: joint length 3'	00:16:49	4220	
	309.30	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:17:46	4221	
	335.90	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:18:58	4222	
	<u>337.00</u> F2	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, End	00:19:31	4223	M 1
	341.00	Manhole, within 8 inch: NO, Remarks: 1546-0211	00:20:33	4224	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	3321	0	96	96	0	1.08	1.08



Inspection report

Date: 20100312	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Martin Garcia	section number: 695	PSR: 71691
Total Pipe Length: 163.00	Survey Customer: LACDPW	System Owner: LACDPW	Clean Date: 03/12/2010	Pre-Cleaned: Jetting	Map Grid #:

Street: VIGILANCE DR	Flow Control: Not Controlled	Start MH: 1601-0106
City: RPV	Year Renewed	End MH: 1601-0105
Location Code: Light Highway	Tape/Media #: M317-001	pipe length: 189.5 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length: 3.0
Drain. Area: 0106/1601-0105/1601	Lining Method:
	Category:

Remark::

1:425	position	observation	MPEG	photo	grade
1601					
	0.00	Manhole, within 8 inch: NO, Remarks: 1601-0106	00:00:19	155	
	2.10	Roots Fine Joint, from 8 to 4 o'clock, within 8 inch: YES	00:00:38	156, b	M 1
	2.10	Water Level, 5 %, within 8 inch: NO	00:00:51	158	
	7.80 S1	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, Start	00:01:11	159, b	M 1
	14.30	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:01:51	163	
	35.90	Roots Medium Joint, from 7 to 1 o'clock, 25 %, within 8 inch: YES	00:02:46	164	M 3
	71.90	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:04:05	165	
	71.90	Roots Medium Lateral, at 3 o'clock, 45 %, within 8 inch: NO	00:04:20	166	M 3
	71.90	Roots Tap Lateral, at 3 o'clock, 15 %, within 8 inch: NO	00:04:41	167	M 2
	99.70	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:06:01	168	
	99.70	Roots Medium Lateral, at 9 o'clock, 30 %, within 8 inch: NO	00:06:17	169	M 3
	162.30	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:08:19	170	
	168.90 F1	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, End	00:08:43	171	M 1
	185.60	Fracture Circumferential, from 4 to 7 o'clock, within 8 inch: YES	00:09:32	172, b	S 2
	185.60	Roots Fine Joint, from 8 to 4 o'clock, within 8 inch: YES	00:09:45	174, b	M 1
	189.50	Manhole, within 8 inch: NO, Remarks: 1601-0105 Buried Manhole	00:15:20	176	
	189.50	General Observation, within 8 inch: NO, Remarks: Buried Manhole	00:15:37	177	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
2100	3321	2	53	55	2	1.15	1.17



Inspection report

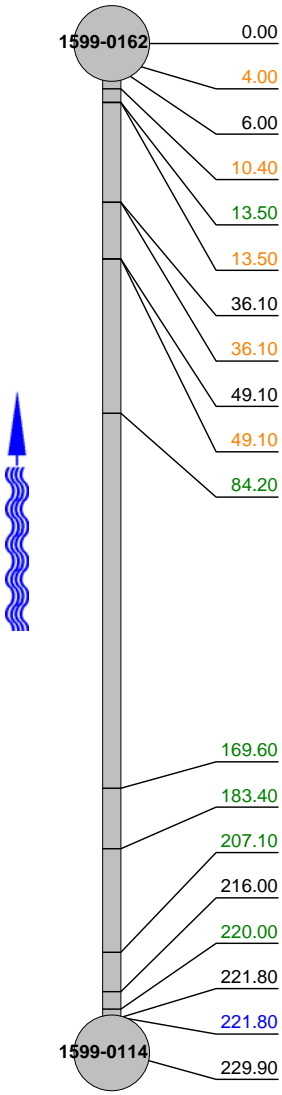
Date: 20100212	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1117	PSR: 72036
Total Pipe Length: 229.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 02/12/2010	Pre-Cleaned: Jetting	Map Grid #: 1599

Street: EASEMENT	Flow Control: Not Controlled	Start MH: 1599-0162
City: RPV	Year Renewed:	End MH: 1599-0114
Location Code: Easement/Right of Way	Tape/Media #: G312-002	pipe length: 229.9 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0114/1599-0162/1599	Lining Method:
	Category:

Remark::

1:525	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1599-0162	00:00:30	456	
	4.00 S2	Roots Medium Joint, from 3 to 7 o'clock, 25 %, within 8 inch: YES, Start	00:01:48	457, b	M 3
	6.00	Water Level, 10 %, within 8 inch: NO	00:02:29	459	
	10.40 F2	Roots Medium Joint, from 3 to 7 o'clock, 25 %, within 8 inch: YES, End	00:03:06	460	M 3
	13.50 S3	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, Start	00:03:42	461, b	M 1
	13.50	Crack Multiple, from 7 to 12 o'clock, within 8 inch: YES	00:04:11	463, b	S 3
	36.10	Tap Factory Active, at 9 o'clock, 4", within 8 inch: NO	00:05:32	465	
	36.10	Roots Medium Connection, from 7 to 9 o'clock, 25 %, within 8 inch: NO	00:05:51	466, b	M 3
	49.10	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:06:47	468	
	49.10	Roots Medium Connection, from 2 to 5 o'clock, 25 %, within 8 inch: NO	00:07:03	469, b	M 3
	84.20 F3	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, End	00:08:16	471	M 1
	169.60	Roots Fine Joint, from 8 to 11 o'clock, within 8 inch: YES	00:11:20	472, b	M 1
	183.40	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	00:12:27	474, b	M 1
	207.10	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	00:13:40	476, b	M 1
	216.00	Tap Factory Capped, at 3 o'clock, 4", within 8 inch: NO	00:14:19	478	
	220.00	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	00:14:51	479, b	M 1
	221.80	Tap Factory Active, at 3 o'clock, 4", within 8 inch: NO	00:15:21	481	
	221.80	Roots Tap Connection, from 2 to 6 o'clock, 15 %, within 8 inch: NO	00:15:41	482, b	M 2
	229.90	Manhole, within 8 inch: NO, Remarks: 1599-0114	00:16:43	484	



QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
3100	3421	3	36	39	3	1.33	1.39



Inspection report

Date: 20100310	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 881	PSR: 71982
Total Pipe Length: 151.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/07/2010	Pre-Cleaned: Jetting	Map Grid #: 1600

Street: DAUNTLESS DR	Flow Control: Not Controlled	Start MH: 1600-0016
City: RPV	Year Renewed	End MH: 1600-0015
Location Code: Light Highway	Tape/Media #: R315-023	pipe length: 196.4 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0015/1600-0016/1600	Lining Method:
	Category:

Remark::

1:396	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1600-0016	00:00:34	1940	
	7.50	Water Level, 5 %, within 8 inch: NO	00:01:15	1941	
	10.70	General Observation, within 8 inch: NO, Remarks: Pipe Joint Length 3'	00:01:42	1942	
	23.10	S1 Water Level Sag, 15 %, within 8 inch: NO, Start	00:2:10	1943, b	M 2
	25.50	Broken Soil Visible, from 12 to 11 o'clock, within 8 inch: YES, Remarks: Broken Joint	00:03:42	1945, b	S 5
	28.30	F1 Water Level Sag, 15 %, within 8 inch: NO, End	00:04:23	1947, b	M 2
	28.30	Water Level, 5 %, within 8 inch: NO	00:04:38	1949	
	44.00	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:05:18	1950	
	63.40	Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	00:06:05	1951	
	63.40	Roots Fine Connection, at 10 o'clock, within 8 inch: NO	00:06:21	1952, b	M 1
	108.70	Roots Fine Joint, from 4 to 7 o'clock, within 8 inch: YES	00:07:56	1954, b	M 1
	113.20	Fracture Circumferential, from 12 to 11 o'clock, within 8 inch: NO	00:08:50	1956, b	S 2
	113.60	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:09:13	1958	
	113.60	Roots Medium Connection, at 3 o'clock, 20 %, within 8 inch: NO	00:09:45	1959, b	M 3
	118.20	Roots Fine Joint, from 5 to 8 o'clock, within 8 inch: YES	00:10:31	1961, b	M 1
	124.90	Roots Medium Joint, from 8 to 4 o'clock, 30 %, within 8 inch: YES	00:11:20	1963, b	M 3
	128.50	Roots Fine Joint, from 1 to 5 o'clock, within 8 inch: YES	00:12:01	1965, b	M 1
	131.40	Roots Medium Joint, from 8 to 3 o'clock, 50 %, within 8 inch: YES	00:13:29	1967, b	M 3
	135.30	Roots Fine Joint, from 4 to 8 o'clock, within 8 inch: YES	00:14:01	1969, b	M 1
	138.60	Roots Fine Joint, from 4 to 8 o'clock, within 8 inch: YES	00:14:34	1971, b	M 1
	142.00	Roots Fine Joint, from 4 to 9 o'clock, within 8 inch: YES	00:15:00	1973, b	M 1
	148.80	Roots Fine Joint, from 11 to 3 o'clock, within 8 inch: YES	00:15:44	1975, b	M 1
	152.10	Roots Medium Joint, from 8 to 4 o'clock, 50 %, within 8 inch: YES	00:16:24	1977, b	M 3
	176.30	S2 Roots Fine Joint, from 4 to 8 o'clock, within 8 inch: YES, Start	00:17:38	1979, b	M 1

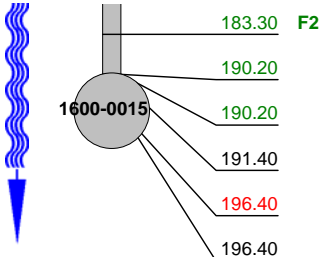


Inspection report

Date: 20100310	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 881	PSR: 71982
Total Pipe Length: 151.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/07/2010	Pre-Cleaned: Jetting	Map Grid #: 1600

1:396	position	observation	MPEG	photo	grade
	<u>183.30</u> F2	Roots Fine Joint, from 4 to 8 o'clock, within 8 inch: YES, End	00:18:07	1981, b	M 1
	<u>190.20</u>	Crack Circumferential, from 1 to 3 o'clock, within 8 inch: YES	00:18:59	1983, b	S 1
	<u>190.20</u>	Roots Fine Joint, from 8 to 9 o'clock, within 8 inch: YES	00:19:24	1985, b	M 1
	<u>191.40</u>	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:19:53	1987	
	<u>196.40</u>	Broken Soil Visible, from 4 to 8 o'clock, within 8 inch: NO, Remarks: Mh Channel	00:20:47	1988, b	S 5
	<u>196.40</u>	Manhole, within 8 inch: NO, Remarks: 1600-0015	00:21:58	1990	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
5221	3421	13	25	38	3.25	1.56	1.9





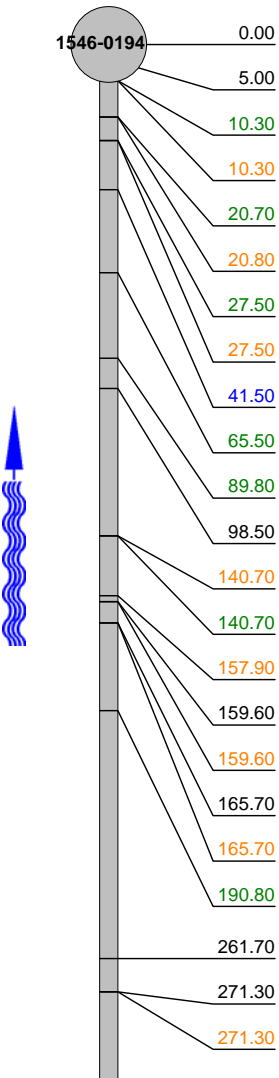
Inspection report

Date: 20100312	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1387	PSR: 75203
Total Pipe Length: 203.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/11/2010	Pre-Cleaned: Jetting	Map Grid #: 1546

Street: ARROWROOT LN	Flow Control: Not Controlled	Start MH: 1546-0194
City: RPV	Year Renewed:	End MH: 1546-0193
Location Code: Light Highway	Tape/Media #: G312-022	pipe length: 316.6 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length: 5.0
Drain. Area: 0193/1546-0194/1546	Lining Method:
	Category:

Remark::

1:660	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1546-0194	00:00:32	5726	
	5.00	Water Level, 10 %, within 8 inch: NO	00:01:02	5727	
	10.30	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	00:02:05	5728, b	M 1
	10.30	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	00:02:15	5730, b	S 3
	20.70	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	00:03:00	5732, b	M 1
	20.80	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	00:03:12	5734, b	S 3
	27.50 S1	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, Start	00:04:31	5736, b	M 1
	27.50	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	00:04:43	5738, b	S 3
	41.50	Crack Longitudinal, at 3 o'clock, within 8 inch: YES	00:05:37	5740, b	S 2
	65.50 F1	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, End	00:06:34	5742	M 1
	89.80	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	00:07:21	5743, b	M 1
	98.50	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:07:52	5745	
	140.70	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	00:09:02	5746, b	S 3
	140.70 S2	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, Start	00:09:12	5748, b	M 1
	157.90 S3	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES, Start	00:10:05	5752, b	S 3
	159.60	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:10:32	5756	
	159.60	Roots Medium Lateral, at 3 o'clock, 25 %, within 8 inch: NO	00:10:56	5757, b	M 3
	165.70	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:11:40	5759	
	165.70	Roots Medium Lateral, at 9 o'clock, 25 %, within 8 inch: NO	00:11:56	5760, b	M 3
	190.80	Joint Offset Medium, within 8 inch: YES	00:13:10	5762, b	S 1
	261.70	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:15:25	5764	
	271.30	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:15:52	5765	
	271.30	Roots Medium Connection, from 2 to 5 o'clock, 25 %, within 8 inch: NO	00:16:07	5766, b	M 3



Inspection report

Date: 20100312	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1387	PSR: 75203
Total Pipe Length: 203.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/11/2010	Pre-Cleaned: Jetting	Map Grid #: 1546

1:660	position	observation	MPEG	photo	grade
	309.10	S4 Deposits Ingressed Fine, from 5 to 7 o'clock, 10 %, within 8 inch: NO, Remarks: SILT, Start	00:18:00	5768, b	M 2
	315.30	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:18:47	5770	
	315.30	Roots Medium Connection, from 6 to 9 o'clock, 25 %, within 8 inch: NO	00:19:08	5771, b	M 3
	316.60	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, End	00:24:31	5773	M 1
	316.60	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES, End	00:24:43	5774	S 3
	316.60	F4 Deposits Ingressed Fine, from 5 to 7 o'clock, 10 %, within 8 inch: NO, Remarks: SILT, End	00:24:54	5775	M 2
	316.60	Abandoned Survey, within 8 inch: NO, Remarks: CAMERA BLOCKED BY MEDIUM	00:25:16	5776	

The diagram illustrates a vertical pipe with a tap at the top. Several inspection points are marked along the pipe with lines pointing to their respective positions and codes: 309.10 S4, 315.30, 315.30, 316.60 F2, 316.60 F3, 316.60 F4, and 316.60. A blue arrow on the left indicates the direction of flow or inspection.

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
3I21	3422	135	73	208	2.93	1.16	1.91



Inspection report

Date: 20100312	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1372	PSR: 71874
Total Pipe Length: 234.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/11/2010	Pre-Cleaned: Jetting	Map Grid #: 1600

Street: PIRATE DR	Flow Control: Not Controlled	Start MH: 1600-0129
City: RPV	Year Renewed:	End MH: 1600-0130
Location Code: Light Highway	Tape/Media #: G312-022	pipe length: 272.9 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length: 5.0
Drain. Area: 0129/1600-0130/1600	Lining Method:
	Category:

Remark::

1:625	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1600-0129	00:01:05	5452	
	5.10	Water Level, 10 %, within 8 inch: NO	00:01:56	5453	
	5.10	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:02:26	5454	
	28.00	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:03:06	5455	
	70.10	General Observation, within 8 inch: NO, Remarks: JOINT LENGTH 5'	00:04:08	5456	
	81.30	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:04:35	5457	
	108.00	Roots Medium Joint, from 1 to 6 o'clock, 30 %, within 8 inch: YES	00:05:48	5458, b	M 3
	109.70	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:06:20	5460	
	109.70	Roots Tap Lateral, at 3 o'clock, 15 %, within 8 inch: NO	00:06:34	5461, b	M 2
	110.90	Roots Medium Joint, from 6 to 10 o'clock, 25 %, within 8 inch: YES	00:07:17	5463, b	M 3
	115.80	Roots Medium Joint, from 7 to 5 o'clock, 35 %, within 8 inch: YES	00:08:01	5465, b	M 3
	125.60	Roots Medium Joint, from 7 to 11 o'clock, 30 %, within 8 inch: YES	00:08:44	5467, b	M 3
	146.60 S1	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, Start	00:09:44	5469, b	M 1
	188.10	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:11:51	5472	
	188.10	Roots Tap Lateral, at 9 o'clock, 15 %, within 8 inch: NO	00:12:09	5473, b	M 2
	195.80	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:12:51	5475	
	195.80	Roots Fine Lateral, at 3 o'clock, within 8 inch: NO	00:13:06	5476, b	M 1
	237.40 F1	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, End	00:15:09	5478	M 1
	253.50	Roots Fine Joint, from 12 to 5 o'clock, within 8 inch: YES	00:16:02	5479, b	M 1
	258.40 S2	Roots Fine Joint, from 1 to 5 o'clock, within 8 inch: YES, Start	00:16:52	5481, b	M 1
	272.90 F2	Roots Fine Joint, from 1 to 5 o'clock, within 8 inch: YES, End	00:18:30	5483	M 1
	272.90	Manhole, within 8 inch: NO, Remarks: 1600-0130	00:19:36	5484	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	3422	0	45	45	0	1.29	1.29



Inspection report

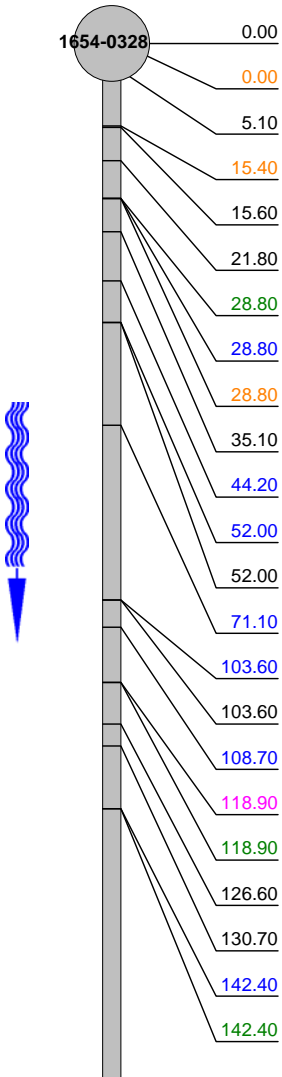
Date: 20100408	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1656	PSR: 69498
Total Pipe Length: 223.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 04/07/2010	Pre-Cleaned: Jetting	Map Grid #: 1654

Street: MIRALESTE DR	Flow Control: Not Controlled	Start MH: 1654-0328
City: RPV	Year Renewed:	End MH: 1654-0329
Location Code: Main Highway - Suburban/Rural	Tape/Media #: G312-039	pipe length: 225.7 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0328/1654-0329/1654	Lining Method:
	Category:

Remark::

1:429	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1654-0328	00:00:42	10221	
	0.00 S1	Water Level Sag, 35 %, within 8 inch: NO, Start	00:01:14	10222, b	M 3
	5.10	Water Level, 15 %, within 8 inch: NO	00:02:21	10224	
	15.40 F1	Water Level Sag, 35 %, within 8 inch: NO, End	00:02:43	10225	M 3
	15.60	Water Level, 10 %, within 8 inch: NO	00:03:11	10226	
	21.80	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:03:38	10227	
	28.80	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	00:04:29	10228	M 1
	28.80	Fracture Circumferential, from 7 to 6 o'clock, within 8 inch: YES	00:04:46	10229, b	S 2
	28.80	Broken, from 1 to 2 o'clock, within 8 inch: YES	00:05:15	10231, b	S 3
	35.10	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:06:13	10233	
	44.20 S2	Water Level Sag, 25 %, within 8 inch: NO, Start	00:06:44	10234, b	M 2
	52.00 F2	Water Level Sag, 25 %, within 8 inch: NO, End	00:07:20	10236	M 2
	52.00	Water Level, 10 %, within 8 inch: NO	00:07:30	10237	
	71.10 S3	Water Level Sag, 25 %, within 8 inch: NO, Start	00:08:08	10238, b	M 2
	103.60 F3	Water Level Sag, 25 %, within 8 inch: NO, End	00:09:11	10240	M 2
	103.60	Water Level, 10 %, within 8 inch: NO	00:09:23	10241	
	108.70	Fracture Circumferential, from 7 to 10 o'clock, within 8 inch: YES	00:09:47	10242, b	S 2
	118.90	Fracture Multiple, from 7 to 5 o'clock, within 8 inch: YES	00:10:53	10244, b	S 4
	118.90	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	00:11:08	10246, b	M 1
	126.60	Water Level, 15 %, within 8 inch: NO	00:12:18	10248	
	130.70	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:12:37	10249	
	142.40	Fracture Circumferential, from 1 to 5 o'clock, within 8 inch: YES	00:13:24	10250, b	S 2
	142.40	Roots Fine Joint, from 2 to 3 o'clock, within 8 inch: YES	00:13:47	10252, b	M 1

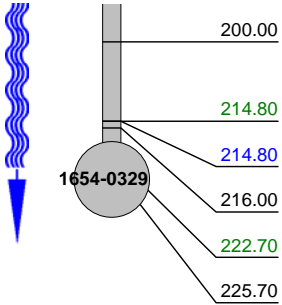




Inspection report

Date: 20100408	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1656	PSR: 69498
Total Pipe Length: 223.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 04/07/2010	Pre-Cleaned: Jetting	Map Grid #: 1654

1:429	position	observation	MPEG	photo	grade
	200.00	Water Level, 15 %, within 8 inch: NO	00:15:52	10254	
	214.80	Crack Circumferential, from 2 to 4 o'clock, within 8 inch: YES	00:16:45	10255, b	S 1
	214.80	Fracture Circumferential, from 7 to 10 o'clock, within 8 inch: YES	00:17:51	10257, b	S 2
	216.00	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:18:22	10259	
	222.70	Crack Circumferential, from 11 to 12 o'clock, within 8 inch: YES	00:19:11	10260, b	S 1
	225.70	Manhole, within 8 inch: NO, Remarks: 1654-0329	00:20:29	10262	



QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
4131	342A	17	35	52	2.12	2.06	2.08



Inspection report

Date: 20100419	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 365	PSR: 69093
Total Pipe Length: 232.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 04/16/2010	Pre-Cleaned: Jetting	Map Grid #: 1655

Street: WESTERN AV	Flow Control: Not Controlled	Start MH: 1655-0058
City: RPV	Year Renewed	End MH: 1655-0059
Location Code: Light Highway	Tape/Media #: R311-051	pipe length: 313.2 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0058/1655-0059/1655	Lining Method:
	Category:

Remark::

1:700	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1655-0058	00:00:21	5768	
	6.00	Water Level, 10 %, within 8 inch: NO	00:01:15	5769	
	11.20	General Observation, within 8 inch: NO, Remarks: Pipe Joint Length 5'	00:01:42	5770	
	106.80	S1 Water Level Sag, 30 %, within 8 inch: NO, Start	00:05:02	5771, b	M 2
	159.10	F1 Water Level Sag, 30 %, within 8 inch: NO, End	00:09:42	5773, b	M 2
	159.10	Water Level, 10 %, within 8 inch: NO	00:09:56	5775	
	163.20	S2 Water Level Sag, 25 %, within 8 inch: NO, Start	00:10:16	5776, b	M 2
	215.30	F2 Water Level Sag, 25 %, within 8 inch: NO, End	00:12:06	5778, b	M 2
	215.30	Water Level, 15 %, within 8 inch: NO	00:12:20	5780	
	295.60	S3 Water Level Sag, 35 %, within 8 inch: NO, Start	00:14:59	5781, b	M 3
	312.90	F3 Water Level Sag, 35 %, within 8 inch: NO, End	00:15:58	5783, b	M 3
	313.20	Manhole, within 8 inch: NO, Remarks: 1655-0059	00:16:34	5785	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	342D	0	64	64	0	2.13	2.13



Inspection report

Date: 20100304	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 852	PSR: 75142
Total Pipe Length: 155.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/01/2010	Pre-Cleaned: Jetting	Map Grid #: 1546

Street: ALLEY	Flow Control: Not Controlled	Start MH: 1546-0238
City: RPV	Year Renewed	End MH: 1546-0292
Location Code: Alley	Tape/Media #: R315-019	pipe length: 158.5 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0238/1546-0292/1546	Lining Method:
	Category:

Remark::

1:375	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1546-0238	00:00:32	1517	
	5.00	Water Level, 5 %, within 8 inch: NO	00:02:25	1518	
	16.80	General Observation, within 8 inch: NO, Remarks: Pipe Joint Length 5'	00:03:00	1519	
	67.20	Roots Fine Joint, from 7 to 10 o'clock, within 8 inch: YES	00:04:23	1520, b	M 1
	74.10	Tap Factory Capped, at 3 o'clock, 6", within 8 inch: NO	00:04:58	1522	
	74.10	Roots Fine Connection, at 3 o'clock, within 8 inch: NO	00:05:11	1523, b	M 1
	74.50	Roots Medium Joint, from 10 to 2 o'clock, 50 %, within 8 inch: YES	00:05:59	1525, b	M 3
	80.00 S1	Roots Medium Joint, from 9 to 1 o'clock, 20 %, within 8 inch: YES, Start	00:06:56	1527, b	M 3
	95.30 F1	Roots Medium Joint, from 9 to 1 o'clock, 20 %, within 8 inch: YES, End	00:07:40	1529, b	M 3
	100.10	Roots Fine Joint, from 5 to 7 o'clock, within 8 inch: YES	00:08:14	1531, b	M 1
	132.10	Tap Factory Capped, at 3 o'clock, 6", within 8 inch: NO	00:09:28	1533	
	135.40	Roots Fine Joint, at 9 o'clock, within 8 inch: YES	00:09:52	1534, b	M 1
	145.50	Roots Fine Joint, from 8 to 10 o'clock, within 8 inch: YES	00:10:34	1536, b	M 1
	158.50	Manhole, within 8 inch: NO, Remarks: 1546-0292	00:11:38	1538	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	3515	0	20	20	0	2	2



Inspection report

Date: 20100223	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1221	PSR: 75348
Total Pipe Length: 339.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 02/22/2010	Pre-Cleaned: Jetting	Map Grid #: 1546

Street: MARNE DR	Flow Control: Not Controlled	Start MH: 1546-0104
City: RPV	Year Renewed:	End MH: 1546-0105
Location Code: Light Highway	Tape/Media #: G312-009	pipe length: 346.6 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length: 3.0
Drain. Area: 0104/1546-0105/1546	Lining Method:
	Category:

Remark::

1:775	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1546-0104	00:00:33	2523	
	0.00	Water Level, 10 %, within 8 inch: NO	00:00:43	2524	
	2.20	Obstacle Construction Debris, from 4 to 8 o'clock, 20 %, within 8 inch: NO, Remarks: asphalt	00:01:34	2525, b	M 3
	5.00	Water Level, 5 %, within 8 inch: NO	00:13:06	2527	
	20.70 S1	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, Start	00:13:51	2528, b	M 1
	29.10	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:14:24	2530	
	29.10	Roots Tap Connection, from 6 to 9 o'clock, 15 %, within 8 inch: NO	00:14:36	2531, b	M 2
	124.90	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:17:19	2533	
	124.90	Roots Fine Lateral, at 9 o'clock, within 8 inch: NO	00:17:44	2534, b	M 1
	177.80 F1	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, End	00:19:20	2536	M 1
	185.00 S2	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, Start	00:19:49	2537, b	M 1
	217.40	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:20:49	2539	
	315.70	Roots Medium Joint, from 3 to 9 o'clock, 25 %, within 8 inch: YES	00:24:34	2540, b	M 3
	329.10 S3	Roots Medium Joint, from 1 to 6 o'clock, 30 %, within 8 inch: YES, Start	00:25:41	2542, b	M 3
	340.50 F3	Roots Medium Joint, from 1 to 6 o'clock, 30 %, within 8 inch: YES, End	00:26:37	2544	M 3
	343.20 F2	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, End	00:26:49	2545	M 1
	346.60	Manhole, within 8 inch: NO, Remarks: 1546-0105	00:27:13	2546	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	3521	0	97	97	0	1.13	1.13



Inspection report

Date: 20100318	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1423	PSR: 71879
Total Pipe Length: 356.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/17/2010	Pre-Cleaned: Jetting	Map Grid #: 1600

Street: HIGHTIDE DR	Flow Control: Not Controlled	Start MH: 1600-0147
City: RPV	Year Renewed	End MH: 1600-0134
Location Code: Light Highway	Tape/Media #: G312-025	pipe length: 327 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length: 5.0
Drain. Area: 0134/1600-0147/1600	Lining Method:
	Category:

Remark::

1:750	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1600-0147	00:00:45	6580	
	5.00	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:01:47	6581	
	5.00	Roots Tap Lateral, at 9 o'clock, 15 %, within 8 inch: NO	00:02:00	6582, b	M 2
	6.00 S1	Roots Fine Joint, from 3 to 10 o'clock, within 8 inch: YES, Start	00:02:39	6584, b	M 1
	42.90 F1	Roots Fine Joint, from 3 to 10 o'clock, within 8 inch: YES, End	00:04:09	6586	M 1
	72.60	Roots Medium Joint, from 7 to 5 o'clock, 25 %, within 8 inch: YES	00:05:32	6587, b	M 3
	73.30	Crack Longitudinal, at 1 o'clock, within 8 inch: YES	00:06:30	6589, b	S 2
	73.30	Fracture Circumferential, from 9 to 3 o'clock, within 8 inch: YES	00:06:42	6591, b	S 2
	77.90 S2	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, Start	00:07:36	6593, b	M 1
	79.40	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:08:12	6595	
	79.40	Roots Medium Lateral, at 9 o'clock, 25 %, within 8 inch: NO	00:08:29	6596, b	M 3
	159.10	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:11:46	6598	
	159.10	Roots Tap Lateral, at 9 o'clock, 15 %, within 8 inch: NO	00:12:04	6599, b	M 2
	243.40	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:15:17	6601	
	243.40	Roots Medium Connection, from 6 to 9 o'clock, 25 %, within 8 inch: NO	00:15:38	6602, b	M 3
	285.70	Roots Medium Joint, from 7 to 5 o'clock, 35 %, within 8 inch: YES	00:17:39	6604, b	M 3
	316.70	Roots Medium Joint, from 1 to 5 o'clock, 25 %, within 8 inch: YES	00:19:52	6606, b	M 3
	317.90	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:20:20	6608	
	324.90 F2	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, End	00:21:11	6609	M 1
	327.00	Manhole, within 8 inch: NO, Remarks: 1600-0134	00:21:52	6610	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
2200	3522	4	90	94	2	1.15	1.18



Inspection report

Date: 20100310	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1342	PSR: 71724
Total Pipe Length: 257.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/09/2010	Pre-Cleaned: Jetting	Map Grid #: 1601

Street: CONQUEROR DR	Flow Control: Not Controlled	Start MH: 1601-0135
City: RPV	Year Renewed:	End MH: 1601-0134
Location Code: Light Highway	Tape/Media #: G312-020	pipe length: 353.5 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length: 3.0
Drain. Area: 0134/1601-0135/1601	Lining Method:
	Category:

Remark::

1:495	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1601-0135	00:00:38	4719	
	0.00	Water Level, 5 %, within 8 inch: NO	00:00:52	4720	
	9.00	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	00:01:30	4721, b	M 1
	16.00	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	00:02:32	4723, b	M 1
	53.70	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, Start	00:03:52	4725, b	M 1
	53.70	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	00:04:05	4727, b	S 3
	84.40	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	00:05:23	4729, b	S 3
	91.40	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES, Start	00:06:05	4731, b	S 3
	95.00	Roots Medium Joint, from 7 to 10 o'clock, 35 %, within 8 inch: YES	00:06:57	4733, b	M 3
	116.50	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:07:56	4735	
	116.50	Roots Tap Connection, from 6 to 9 o'clock, 15 %, within 8 inch: NO	00:08:09	4736, b	M 2
	127.80	Roots Medium Joint, from 7 to 10 o'clock, 25 %, within 8 inch: YES	00:09:24	4738, b	M 3
	131.20	Roots Medium Joint, from 7 to 10 o'clock, 25 %, within 8 inch: YES	00:10:07	4740, b	M 3
	131.20	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES, End	00:10:25	4742	S 3
	132.50	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:10:55	4743	
	132.50	Roots Medium Lateral, at 3 o'clock, 25 %, within 8 inch: NO	00:47:23	4744, b	M 3
	133.80	Crack Multiple, from 7 to 12 o'clock, within 8 inch: YES, Start	00:48:05	4746, b	S 3
	151.60	Fracture Circumferential, from 6 to 10 o'clock, within 8 inch: YES	00:48:57	4749, b	S 2
	168.00	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, End	00:49:43	4751	M 1
	181.90	Roots Fine Joint, from 3 to 4 o'clock, within 8 inch: YES, Start	00:50:18	4752, b	M 1
	203.80	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:51:18	4754	
	203.80	Roots Fine Connection, from 6 to 9 o'clock, within 8 inch: NO	00:51:36	4755, b	M 1



Inspection report

Date: 20100310	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1342	PSR: 71724
Total Pipe Length: 257.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/09/2010	Pre-Cleaned: Jetting	Map Grid #: 1601

1:495	position	observation	MPEG	photo	grade
	<u>228.90</u>	Fracture Longitudinal, at 3 o'clock, within 8 inch: YES	00:52:51	4757, b	S 3
	<u>228.90</u>	Fracture Circumferential, from 2 to 5 o'clock, within 8 inch: YES	00:53:01	4759, b	S 2
	<u>228.90</u>	Fracture Circumferential, from 10 to 12 o'clock, within 8 inch: YES	00:53:33	4761, b	S 2
	<u>230.50</u>	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:54:09	4763	
	<u>230.50</u>	Roots Medium Connection, from 3 to 6 o'clock, 30 %, within 8 inch: NO	00:54:24	4764, b	M 3
	<u>231.70</u>	Fracture Circumferential, from 9 to 10 o'clock, within 8 inch: YES	00:54:59	4766, b	S 2
	<u>324.90</u>	Tap Break-in Active, at 9 o'clock, 6", within 8 inch: NO	00:58:00	4768	
	<u>324.90</u>	Roots Medium Connection, from 6 to 9 o'clock, 30 %, within 8 inch: NO	00:58:18	4769, b	M 3
	<u>329.00</u> F4	Roots Fine Joint, from 3 to 4 o'clock, within 8 inch: YES, End	01:00:15	4771	M 1
	<u>349.90</u>	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	01:01:03	4772, b	M 1
	<u>349.90</u> F3	Crack Multiple, from 7 to 12 o'clock, within 8 inch: YES, End	01:01:21	4774	S 3
	<u>353.50</u>	Manhole, within 8 inch: NO, Remarks: 1601-0134	01:02:08	4775	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
3024	3621	209	90	299	2.94	1.17	2.02



Inspection report

Date: 20100301	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1264	PSR: 75395
Total Pipe Length: 249.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 02/26/2010	Pre-Cleaned: Jetting	Map Grid #: 1546

Street: EASEMENT	Flow Control: Not Controlled	Start MH: 1546-0037
City: RPV	Year Renewed:	End MH: 1546-0036
Location Code: Easement/Right of Way	Tape/Media #: G312-013	pipe length: 180.3 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length: 5.0
Drain. Area: 0036/1546-0037/1546	Lining Method:
	Category:

Remark::

1:425	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1546-0037	00:00:35	3222	
	5.00	Water Level, 5 %, within 8 inch: NO	00:02:18	3223	
	7.50	Tap Factory Defective, at 3 o'clock, 6", 2, within 8 inch: NO	00:02:54	3224, b	M 2
	7.50	Fracture Circumferential, from 2 to 4 o'clock, within 8 inch: NO	00:03:07	3226, b	S 2
	7.50	Roots Medium Lateral, at 3 o'clock, 25 %, within 8 inch: NO	00:03:22	3228, b	M 3
	20.90	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, Start	00:04:37	3230, b	M 1
	87.70	Tap Break-in Active, at 3 o'clock, 6", within 8 inch: NO	00:07:07	3233	
	87.70	Roots Fine Connection, from 2 to 5 o'clock, within 8 inch: NO	00:07:20	3234, b	M 1
	91.80	Fracture Circumferential, from 3 to 7 o'clock, within 8 inch: YES	00:08:20	3236, b	S 2
	102.70	Tap Factory Capped, at 3 o'clock, 6", within 8 inch: NO	00:09:04	3238	
	104.20	Roots Medium Joint, from 2 to 6 o'clock, 25 %, within 8 inch: YES	00:09:53	3239, b	M 3
	145.20	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, End	00:11:13	3241	M 1
	155.00	Roots Medium Joint, from 7 to 10 o'clock, 25 %, within 8 inch: YES, Start	00:12:05	3242, b	M 3
	165.00	Roots Medium Joint, from 7 to 10 o'clock, 25 %, within 8 inch: YES, End	00:12:50	3244	M 3
	170.00	Roots Medium Joint, at 7 o'clock, 25 %, within 8 inch: YES	00:13:27	3245, b	M 3
	180.30	Roots Medium Joint, from 3 to 9 o'clock, 30 %, within 8 inch: YES	00:14:23	3247, b	M 3
	180.30	Abandoned Survey, within 8 inch: NO, Remarks: COMPLETES INSPECTION OF E	00:14:52	3249	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
2200	3621	4	52	56	2	1.33	1.37



Inspection report

Date: 20100216	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1138	PSR: 71970
Total Pipe Length: 274.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 02/15/2010	Pre-Cleaned: Jetting	Map Grid #: 1600

Street: EASEMENT	Flow Control: Not Controlled	Start MH: 1600-0004
City: RPV	Year Renewed:	End MH: 1600-0003
Location Code: Easement/Right of Way	Tape/Media #: G312-004	pipe length: 273.9 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length: 3.0
Drain. Area: 0003/1600-0004/1600	Lining Method:
	Category:

Remark::

1:625	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1600-0004	00:00:44	1088	
	0.00	Water Level, 5 %, within 8 inch: NO	00:00:55	1089	
	3.30 S1	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, Start	00:01:36	1090, b	M 1
	124.90 F1	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, End	00:05:54	1094	M 1
	124.90	Roots Medium Joint, from 6 to 9 o'clock, 25 %, within 8 inch: YES	00:06:19	1095, b	M 3
	125.00	Fracture Circumferential, from 3 to 6 o'clock, within 8 inch: YES	00:06:57	1097, b	S 2
	126.00	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:07:24	1099	
	126.00	Roots Medium Lateral, at 3 o'clock, 25 %, within 8 inch: NO	00:07:57	1100, b	M 3
	127.50 S2	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, Start	00:08:38	1102, b	M 1
	148.50	Roots Tap Joint, from 4 to 8 o'clock, 25 %, within 8 inch: YES	00:10:57	1104, b	M 2
	248.40	Tap Break-in Active, at 3 o'clock, 4", within 8 inch: NO	00:17:43	1106	
	248.40	Roots Medium Connection, from 3 to 6 o'clock, 35 %, within 8 inch: NO	00:18:05	1107, b	M 3
	254.60	Tap Factory Active, at 3 o'clock, 4", within 8 inch: NO	00:20:21	1109	
	254.60 S3	Roots Medium Connection, from 2 to 6 o'clock, 40 %, within 8 inch: NO, Start	00:20:40	1110, b	M 3
	256.40 F3	Roots Medium Connection, from 2 to 6 o'clock, 40 %, within 8 inch: NO, End	00:21:57	1112	M 3
	270.20 F2	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, End	00:22:42	1113	M 1
	270.20	Fracture Circumferential, from 3 to 9 o'clock, within 8 inch: YES	00:23:18	1114, b	S 2
	270.20	Roots Medium Joint, from 3 to 9 o'clock, 25 %, within 8 inch: YES	00:23:33	1116, b	M 3
	273.90	Roots Tap Barrel, from 5 to 7 o'clock, 15 %, within 8 inch: NO	00:25:16	1118, b	M 3
	273.90	Manhole, within 8 inch: NO, Remarks: 1600-0003	00:25:50	1120	



Inspection report

Date: 20100407	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1648	PSR: 69496
Total Pipe Length: 248.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 04/06/2010	Pre-Cleaned: Jetting	Map Grid #: 1654

Street: MIRALESTE DR	Flow Control: Not Controlled	Start MH: 1654-0325
City: RPV	Year Renewed:	End MH: 1654-0328
Location Code: Main Highway - Suburban/Rural	Tape/Media #: G312-038	pipe length: 279.9 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length: 3.0
Drain. Area: 0325/1654-0328/1654	Lining Method:
	Category:

Remark::

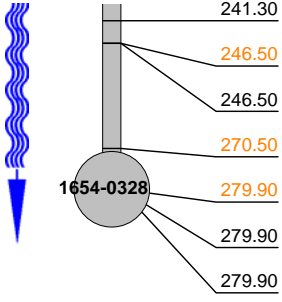
1:528	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1654-0325	00:00:35	10106	
	0.50 S1	Water Level Sag, 30 %, within 8 inch: NO, Start	00:01:00	10107, b	M 2
	13.90	Joint Offset Medium, within 8 inch: YES	00:02:08	10109, b	S 1
	19.30 F1	Water Level Sag, 30 %, within 8 inch: NO, End	00:02:43	10111	M 2
	19.30	Water Level, 10 %, within 8 inch: NO	00:02:57	10112	
	29.40	Fracture Circumferential, from 2 to 5 o'clock, within 8 inch: YES	00:03:31	10113, b	S 2
	36.30 S2	Water Level Sag, 25 %, within 8 inch: NO, Start	00:04:11	10115, b	M 2
	55.60 F2	Water Level Sag, 25 %, within 8 inch: NO, End	00:05:01	10117	M 2
	55.60	Water Level, 10 %, within 8 inch: NO	00:05:20	10118	
	61.70	Tap Factory Capped, at 3 o'clock, 6", within 8 inch: NO	00:05:43	10119	
	84.50 S3	Water Level Sag, 30 %, within 8 inch: NO, Start	00:06:37	10120, b	M 2
	95.10 F3	Water Level Sag, 30 %, within 8 inch: NO, End	00:07:12	10122	M 2
	95.10	Water Level, 15 %, within 8 inch: NO	00:07:24	10123	
	135.40	Joint Offset Medium, within 8 inch: YES	00:08:43	10124, b	S 1
	137.50 S4	Water Level Sag, 25 %, within 8 inch: NO, Start	00:09:24	10126, b	M 2
	146.80	Tap Factory Capped, at 3 o'clock, 6", within 8 inch: NO	00:10:13	10128	
	174.30 F4	Water Level Sag, 25 %, within 8 inch: NO, End	00:11:09	10129	M 2
	174.30	Water Level, 10 %, within 8 inch: NO	00:11:22	10130	
	179.10	Joint Offset Medium, within 8 inch: YES	00:11:42	10131, b	S 1
	216.70	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:13:23	10133	
	216.70	Roots Medium Lateral, at 3 o'clock, 35 %, within 8 inch: NO	00:13:42	10134, b	M 3
	232.30 S5	Water Level Sag, 40 %, within 8 inch: NO, Start	00:14:35	10136, b	M 3



Inspection report

Date: 20100407	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1648	PSR: 69496
Total Pipe Length: 248.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 04/06/2010	Pre-Cleaned: Jetting	Map Grid #: 1654

1:528	position	observation	MPEG	photo	grade
	241.30	Water Level, 20 %, within 8 inch: NO	00:15:27	10138	
	246.50 F5	Water Level Sag, 40 %, within 8 inch: NO, End	00:15:46	10139	M 3
	246.50	Water Level, 15 %, within 8 inch: NO	00:15:57	10140	
	270.50 S6	Water Level Sag, 35 %, within 8 inch: NO, Start	00:16:53	10141, b	M 3
	279.90 F6	Water Level Sag, 35 %, within 8 inch: NO, End	00:17:40	10143	M 3
	279.90	Water Level, 20 %, within 8 inch: NO	00:17:58	10144	
	279.90	Manhole, within 8 inch: NO, Remarks: 1654-0328	00:18:36	10145	



QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
2113	372C	5	65	70	1.25	2.24	2.12



Inspection report

Date: 20100405	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1617	PSR: 69659
Total Pipe Length: 70.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 04/02/2010	Pre-Cleaned: Jetting	Map Grid #: 1654

Street: ALLEY	Flow Control: Not Controlled	Start MH: 1654-0171
City: RPV	Year Renewed:	End MH: 1654-0145
Location Code: Alley	Tape/Media #: G312-036	pipe length: 61.5 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length: 5.0
Drain. Area: 0145/1654-0171/1654	Lining Method:
	Category:

Remark::

1:150	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1654-0171	00:00:38	9704	
	0.00 S2	Water Level Sag, 35 %, within 8 inch: NO, Start	00:01:40	9705, b	M 3
	29.30	Fracture Circumferential, from 2 to 5 o'clock, within 8 inch: YES	00:03:02	9707, b	S 2
	29.30	Fracture Circumferential, from 7 to 10 o'clock, within 8 inch: YES	00:03:27	9709, b	S 2
	33.60 F2	Water Level Sag, 35 %, within 8 inch: NO, End	00:04:13	9711	M 3
	33.60	Water Level, 15 %, within 8 inch: NO	00:04:28	9712	
	36.80	Alignment Left, 10 %, within 8 inch: NO	00:04:44	9713, b	M 1
	36.80	Water Level, 15 %, within 8 inch: NO	00:04:58	9715	
	45.70 S3	Water Level Sag, 30 %, within 8 inch: NO, Start	00:05:38	9716, b	M 2
	54.20 F3	Water Level Sag, 30 %, within 8 inch: NO, End	00:06:18	9718	M 2
	54.20	Water Level, 15 %, within 8 inch: NO	00:06:29	9719	
	61.50	Manhole, within 8 inch: NO, Remarks: 1654-0145	00:07:08	9720	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
2200	3822	4	29	33	2	2.64	2.54



Inspection report

Date: 20100715	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 3322	PSR: 69183
Total Pipe Length: 336.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 07/13/2010	Pre-Cleaned: Jetting	Map Grid #: 1655

Street: 25TH ST	Flow Control: Not Controlled	Start MH: 1655-0021
City: RPV	Year Renewed:	End MH: 1655-0022
Location Code: Light Highway	Tape/Media #: R311-110	pipe length: 308.5 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 15"/15"
Use of Sewer: Sanitary	Material: Polyethylene Pipe Length:
Drain. Area: 0021/1655-0022/1655	Lining Method: Cured in Place
Category:	

Remark::

1:700	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1655-0021	00:00:25	687	
	26.90	Water Level, 5 %, within 8 inch: NO	00:01:20	688	
	273.20	S1 Water Level Sag, 45 %, within 8 inch: NO, Start	00:05:32	689, b	M 3
	297.50	Water Level, 70 %, within 8 inch: NO	00:06:43	691	
	308.50	Abandoned Survey, within 8 inch: NO, Remarks: Duee To Major Sag Unable	00:12:21	692	
	308.50	F1 Water Level Sag, 45 %, within 8 inch: NO, End	00:12:47	693	M 3

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	3900	0	27	27	0	3	3



Inspection report

Date: 20100405	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1616	PSR: 69570
Total Pipe Length: 115.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 04/02/2010	Pre-Cleaned: Jetting	Map Grid #: 1654

Street: ALLEY	Flow Control: Not Controlled	Start MH: 1654-0172
City: RPV	Year Renewed	End MH: 1654-0171
Location Code: Alley	Tape/Media #: G312-036	pipe length: 119 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length: 5.0
Drain. Area: 0171/1654-0172/1654	Lining Method:
	Category:

Remark::

1:275	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1654-0172	00:00:56	9686	
	0.00	Water Level, 15 %, within 8 inch: NO	00:01:15	9687	
	6.40 S1	Water Level Sag, 30 %, within 8 inch: NO, Start	00:01:41	9688, b	M 2
	20.80	Water Mark, 40 %, within 8 inch: NO	00:02:37	9690	
	36.50 F1	Water Level Sag, 30 %, within 8 inch: NO, End	00:03:07	9691	M 2
	36.50	Water Level, 10 %, within 8 inch: NO	00:03:21	9692	
	41.00	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:03:46	9693	
	41.00	Roots Tap Lateral, at 9 o'clock, 15 %, within 8 inch: NO	00:04:02	9694, b	M 2
	54.80 S2	Water Level Sag, 40 %, within 8 inch: NO, Start	00:04:49	9696, b	M 3
	81.00	Fracture Circumferential, from 2 to 5 o'clock, within 8 inch: YES	00:06:05	9698, b	S 2
	81.80	Tap Factory Active, at 12 o'clock, 6", within 8 inch: NO	00:06:36	9700	
	115.10 F2	Water Level Sag, 40 %, within 8 inch: NO, End	00:07:48	9701	M 3
	115.10	Water Level, 10 %, within 8 inch: NO	00:07:59	9702	
	119.00	Manhole, within 8 inch: NO, Remarks: 1654-0171	00:08:37	9703	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
2100	3B29	2	63	65	2	2.62	2.6



Inspection report

Date: 20100226	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1256	PSR: 76318
Total Pipe Length: 195.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 02/25/2010	Pre-Cleaned: Jetting	Map Grid #: 1545

Street: EASEMENT	Flow Control: Not Controlled	Start MH: 1545-0072
City: RPV	Year Renewed:	End MH: 1545-0071
Location Code: Easement/Right of Way	Tape/Media #: G312-012	pipe length: 198.7 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length: 3.0
Drain. Area: 0071/1545-0072/1545	Lining Method:
	Category:

Remark::

1:450	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1545-0072	00:00:30	3094	
	0.00	Broken, from 4 to 8 o'clock, within 8 inch: YES, Remarks: MOUTH, END PIPE	00:01:15	3095, b	S 5
	0.00	Water Level, 5 %, within 8 inch: NO	00:01:39	3097	
	1.70	Roots Tap Joint, from 1 to 6 o'clock, 15 %, within 8 inch: YES	00:02:32	3098, b	M 2
	3.50	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:03:05	3100	
	4.40	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	00:03:37	3101, b	M 1
	24.80 S1	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, Start	00:04:32	3103	M 1
	60.00 S2	Roots Medium Joint, from 7 to 5 o'clock, 25 %, within 8 inch: YES, Start	00:06:22	3104, b	M 3
	77.70	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:08:24	3108	
	119.20 F2	Roots Medium Joint, from 7 to 5 o'clock, 25 %, within 8 inch: YES, End	00:10:57	3109	M 3
	154.90	Roots Medium Joint, from 7 to 6 o'clock, 25 %, within 8 inch: YES	00:12:10	3110, b	M 3
	174.80	Roots Medium Joint, from 7 to 5 o'clock, 25 %, within 8 inch: YES	00:13:30	3112, b	M 3
	192.40	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:14:25	3114	
	193.00	Roots Medium Joint, from 7 to 6 o'clock, 35 %, within 8 inch: YES	00:14:55	3115, b	M 3
	194.90	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:15:57	3117	
	194.90	Roots Fine Lateral, at 3 o'clock, within 8 inch: NO	00:16:09	3118, b	M 1
	195.70	Roots Medium Joint, from 7 to 6 o'clock, 30 %, within 8 inch: YES	00:16:50	3120, b	M 3
	198.60 F1	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, End	00:18:53	3122	M 1
	198.70	Manhole, within 8 inch: NO, Remarks: 1545-0071, BURIED UPS MH	00:18:29	3123	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
5100	3C21	5	104	109	5	1.6	1.65



Inspection report

Date: 20100416	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 359	PSR: 674055
Total Pipe Length: 295.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 04/09/2010	Pre-Cleaned: Jetting	Map Grid #: 1655

Street: EASEMENT	Flow Control: Not Controlled	Start MH: 1655-0068
City: RPV	Year Renewed:	End MH: 1655-0069
Location Code: Easement/Right of Way	Tape/Media #: R311-050	pipe length: 300.5 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 10"/10"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0068/1655-0069/1655	Lining Method:
	Category:

Remark::

1:675	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1655-0068	00:00:27	5720	
	6.70 S1	Deposits Attached Grease, from 11 to 2 o'clock, 5 %, within 8 inch: NO, Start	00:01:05	5721, b	M 2
	24.40	Water Level, 10 %, within 8 inch: NO	00:01:57	5723	
	30.60	General Observation, within 8 inch: NO, Remarks: Pipe Joint length 6'	00:02:33	5724	
	58.20 F1	Deposits Attached Grease, from 11 to 2 o'clock, 5 %, within 8 inch: NO, End	00:03:42	5725, b	M 2
	97.30 S2	Water Level Sag, 35 %, within 8 inch: NO, Start	00:05:30	5727, b	M 3
	181.50 F2	Water Level Sag, 35 %, within 8 inch: NO, End	00:09:01	5729, b	M 3
	300.50	Manhole, within 8 inch: NO, Remarks: 1655-0069	00:31:57	5731	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	3C2A	0	89	89	0	2.62	2.62



Inspection report

Date: 20100215	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 632	PSR: 75434
Total Pipe Length: 334.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 02/12/2010	Pre-Cleaned: Jetting	Map Grid #: 1545

Street: SANTA CATALINA DR	Flow Control: Not Controlled	Start MH: 1545-0990
City: RPV	Year Renewed:	End MH: 1545-0991
Location Code: Light Highway	Tape/Media #: R006	pipe length: 335.3 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Polyethylene Pipe Length:
Drain. Area: 0990/1545-0991/1545	Lining Method:
	Category:

Remark::

1:750	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1545-0990	00:00:30	1522	
	2.00 S1	Water Level Sag, 35 %, within 8 inch: NO, Start	00:00:55	1523, b	M 3
	8.10	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:01:43	1525	
	46.30	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:03:12	1526	
	88.80 F1	Water Level Sag, 35 %, within 8 inch: NO, End	00:04:33	1527, b	M 3
	88.80	Water Level, 5 %, within 8 inch: NO	00:04:48	1529	
	110.90 S2	Water Level Sag, 20 %, within 8 inch: NO, Start	00:05:30	1530, b	M 2
	126.80	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:06:18	1532	
	135.50 F2	Water Level Sag, 20 %, within 8 inch: NO, End	00:06:50	1533, b	M 2
	135.50	Water Level, 5 %, within 8 inch: NO	00:07:03	1535	
	140.80	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:07:33	1536	
	202.00	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:10:02	1537	
	239.10 S3	Water Level Sag, 25 %, within 8 inch: NO, Start	00:11:23	1538, b	M 2
	256.80	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:12:14	1540	
	288.60	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:13:31	1541	
	293.70 F3	Water Level Sag, 25 %, within 8 inch: NO, End	00:13:54	1542, b	M 2
	293.70	Water Level, 10 %, within 8 inch: NO	00:14:09	1544	
	319.30 S4	Water Level Sag, 25 %, within 8 inch: NO, Start	00:14:59	1545, b	M 2
	335.20 F4	Water Level Sag, 25 %, within 8 inch: NO, End	00:15:47	1547, b	M 2
	335.30	Manhole, within 8 inch: NO, Remarks: 1545-0991	00:16:47	1549	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	3C2D	0	114	114	0	2.48	2.48



Inspection report

Date: 20100409	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1685	PSR: 69182
Total Pipe Length: 351.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 04/09/2010	Pre-Cleaned: Heavy Cleaning	Map Grid #: 1655

Street: 25TH ST	Flow Control: Not Controlled	Start MH: 1655-0020
City: RPV	Year Renewed	End MH: 1655-0021
Location Code: Main Highway - Suburban/Rural	Tape/Media #: G312-040	pipe length: 353.6 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 15"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0020/1655-0021/1655	Lining Method: Cured in Place
Category:	

Remark::

1:800	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1655-0020	00:00:35	10574	
	6.00	Water Level, 20 %, within 8 inch: NO	00:01:48	10575	
	37.50 S1	Water Level Sag, 30 %, within 8 inch: NO, Start	00:02:40	10576, b	M 2
	44.30 S2	Deposits Ingressed Other, from 5 to 7 o'clock, 20 %, within 8 inch: NO, Remarks: sand, silt, Start	00:03:32	10578, b	M 3
	235.20 F1	Water Level Sag, 30 %, within 8 inch: NO, End	00:14:57	10582	M 2
	235.20	Water Level, 20 %, within 8 inch: NO	00:15:08	10583	
	353.60 F2	Deposits Ingressed Other, from 5 to 7 o'clock, 20 %, within 8 inch: NO, Remarks: sand, silt, End	00:21:38	10584	M 3
	353.60	Manhole, within 8 inch: NO, Remarks: 1655-0021	00:22:45	10585	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	3Q2J	0	329	329	0	2.61	2.61



Inspection report

Date: 20100224	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1231	PSR: 75379
Total Pipe Length: 66.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 02/23/2010	Pre-Cleaned: Jetting	Map Grid #: 1546

Street: EASEMENT	Flow Control: Not Controlled	Start MH: 1546-0022
City: RPV	Year Renewed	End MH: 1546-0021
Location Code: Easement/Right of Way	Tape/Media #: G312-010	pipe length: 2 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length: 5.0
Drain. Area: 0021/1546-0022/1546	Lining Method:
	Category:

Remark::

1:25	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1546-0022	00:00:42	2662	
	2.00	Roots Ball Joint, from 8 to 4 o'clock, 55 %, within 8 inch: YES	00:01:21	2663, b	M 4
	2.00	Abandoned Survey, within 8 inch: NO, Remarks: CAMERA BLOCKED BY BALL RO	00:02:14	2665	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	4100	0	4	4	0	4	4



Inspection report

Date: 20100217	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1153	PSR: 84529
Total Pipe Length: 126.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 02/16/2010	Pre-Cleaned: Jetting	Map Grid #: 1545

Street: EASEMENT	Flow Control: Not Controlled	Start MH: 1546-0277
City: RPV	Year Renewed:	End MH: 1545-PUMP
Location Code: Easement/Right of Way	Tape/Media #: G312-005	pipe length: 0 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length: 6.0
Drain. Area: PUMP/1545-0277/1546	Lining Method:
	Category:

Remark::

1:25	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1546-0277, BURIED UMH	00:00:35	1538	
	0.00	Roots Medium Barrel, from 7 to 6 o'clock, 25 %, within 8 inch: NO	00:00:50	1539, b	M 4
	0.00	Abandoned Survey, within 8 inch: NO, Remarks: CAMERA DOESN'T, UMH 1546-	00:01:47	1541	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	4100	0	4	4	0	4	4



Inspection report

Date: 20100406	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Martin Garcia	section number: 1008	PSR: 69492
Total Pipe Length: 350.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 04/05/2010	Pre-Cleaned: Jetting	Map Grid #: 1654

Street: KINGSRIDGE DR	Flow Control: Not Controlled	Start MH: 1654-0322
City: RPV	Year Renewed:	End MH: 1654-0323
Location Code: Light Highway	Tape/Media #: M315-007	pipe length: 429.3 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0322/1654-0323/1654	Lining Method:
	Category:

Remark::

1:975	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1654-0322	00:00:35	3672	
	6.00	Water Level, 5 %, within 8 inch: NO	00:01:07	3673	
	15.10	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:01:32	3674	
	86.30	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:03:44	3675	
	154.00	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:05:52	3676	
	225.50	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:08:11	3677	
	244.40	Deposits Attached Encrustation, from 3 to 9 o'clock, 30 %, within 8 inch: NO	00:09:13	3678	M 4
	298.40	Manhole, within 8 inch: NO, Remarks: 1654-0322A EXTRA MANHOLE	00:12:12	3679	
	300.50	General Observation, within 8 inch: NO, Remarks: PULLED OUT CALCIUM	00:15:32	3680	
	331.30	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:16:41	3681	
	382.00	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:18:32	3682	
	429.30	Manhole, within 8 inch: NO, Remarks: 1654-0323	00:20:21	3683	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	4100	0	4	4	0	4	4



Inspection report

Date: 20100402	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Martin Garcia	section number: 967	PSR: 69596
Total Pipe Length: 107.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/29/2010	Pre-Cleaned: Jetting	Map Grid #: 1654

Street: EASEMENT	Flow Control: Not Controlled	Start MH: 1654-0196
City: RPV	Year Renewed:	End MH: 1654-0197
Location Code: Easement/Right of Way	Tape/Media #: M315-006	pipe length: 112 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0197/1654-0196/1654	Lining Method:
	Category:

Remark::

1:250	position	observation	MPEG	photo	grade	
	0.00	Manhole, within 8 inch: NO, Remarks: 1654-0196	00:00:29		3168	
	4.50	Water Level, 10 %, within 8 inch: NO	00:06:08		3169	
	12.80	Tap Break-in Active, at 3 o'clock, 6", within 8 inch: NO	00:06:39		3170	
	13.70	Tap Factory Capped, at 9 o'clock, 4", within 8 inch: NO	00:06:54		3171	
	106.40	Manhole, within 8 inch: NO, Remarks: 1654-0197	00:09:56		3172	
	112.00	Tap Factory Active, at 3 o'clock, 4", within 8 inch: NO	00:10:44		3173	
	112.00	Roots Medium Barrel, from 9 to 3 o'clock, 45 %, within 8 inch: NO	00:11:02		3174	M 4
	112.00	End of Pipe, within 8 inch: NO, Remarks: CONTINUED TO GET PIC OF L	00:11:35		3175	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	4100	0	4	4	0	4	4



Inspection report

Date: 20100301	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 821	PSR: 75334
Total Pipe Length: 354.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 02/26/2010	Pre-Cleaned: Jetting	Map Grid #: 1546

Street: HAWTHORNE BV	Flow Control: Not Controlled	Start MH: 1546-0091
City: RPV	Year Renewed:	End MH: 1546-0092
Location Code: Light Highway	Tape/Media #: R315-016	pipe length: 355.5 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 15"/15"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0091/1546-0092/1546	Lining Method:
	Category:

Remark::

1:800	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1546-0091	00:00:26	1149	
	6.00	Water Level, 15 %, within 8 inch: NO	00:01:19	1150	
	22.00	General Observation, within 8 inch: NO, Remarks: Pipe Joint Length 5'	00:02:04	1151	
	147.60	Tap Factory Active, at 10 o'clock, 4", within 8 inch: NO	00:04:30	1152	
	285.20	Tap Factory Active, at 10 o'clock, 4", within 8 inch: NO	00:07:11	1153	
	285.20	Roots Ball Connection, at 10 o'clock, 85 %, within 8 inch: NO	00:07:31	1154, b	M 4
	355.50	Manhole, within 8 inch: NO, Remarks: 1546-0092	00:09:53	1156	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	4100	0	4	4	0	4	4



Inspection report

Date: 20100208	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 541	PSR: 76124
Total Pipe Length: 417.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 02/08/2010	Pre-Cleaned: Jetting	Map Grid #: 1545

Street: WHITLEY COLLINS DR	Flow Control: Not Controlled	Start MH: 1545-0310
City: RPV	Year Renewed:	End MH: 1545-0309
Location Code: Light Highway	Tape/Media #: R001	pipe length: 319.4 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0309/1545-0310/1545	Lining Method:
	Category:

Remark::

1:725	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1545-0310-Note Spread She	00:00:29	150	
	5.00	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:02:32	151	
	9.60	Water Level, 5 %, within 8 inch: NO	00:02:52	152	
	19.80	General Observation, within 8 inch: NO, Remarks: Pipe Joint Length 5'	00:05:01	153	
	57.40	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:06:06	154	
	100.40	Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	00:07:34	155	
	100.40	Roots Ball Connection, at 10 o'clock, 90 %, within 8 inch: NO	00:07:52	156, b	M 4
	126.00	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:08:56	158	
	169.10	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:10:12	159	
	192.10	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:11:00	160	
	209.70	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:11:44	161	
	257.80	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:13:04	162	
	316.20	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:14:36	163	
	319.40	Broken Soil Visible, from 7 to 8 o'clock, within 8 inch: NO, Remarks: Mh Channel	00:16:09	164, b	S 5
	319.40	Manhole, within 8 inch: NO, Remarks: 1545-0309	00:16:47	166	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
5100	4100	5	4	9	5	4	4.5



Inspection report

Date: 20100331	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 222	PSR: 75166
Total Pipe Length: 225.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/26/2010	Pre-Cleaned: Jetting	Map Grid #: 1546

Street: EASEMENT	Flow Control: Not Controlled	Start MH: 1546-0267
City: RPV	Year Renewed	End MH: 1546-0266
Location Code: Easement/Right of Way	Tape/Media #: R311-038	pipe length: 226 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Polyvinyl Chloride Pipe Length:
Drain. Area: 0266/1546-0267/1546	Lining Method:
	Category:

Remark::

1:525	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1546-0267	00:00:25	3964	
	4.40	Material Change, within 8 inch: NO, Remarks: To PVC	00:01:33	3965, b	
	8.90	Tap Factory, at 12 o'clock, 8", within 8 inch: NO	00:03:04	3967	
	16.10	Water Level, 5 %, within 8 inch: NO	00:03:45	3968	
	23.30	Tap Factory Active, at 2 o'clock, 6", within 8 inch: NO	00:04:26	3969	
	57.80	Tap Factory Active, at 12 o'clock, 4", within 8 inch: NO	00:05:55	3970	
	98.70	General Observation, within 8 inch: NO, Remarks: Pipe Joint Length 20'	00:07:39	3971	
	109.20	Tap Factory Active, at 12 o'clock, 4", within 8 inch: NO	00:08:29	3972	
	109.30	Roots Ball Connection, at 12 o'clock, 65 %, within 8 inch: NO	00:08:42	3973, b	M 4
	153.40	Tap Factory Active, at 9 o'clock, 4", within 8 inch: NO	00:10:55	3975	
	206.70	Tap Factory Active, at 12 o'clock, 6", within 8 inch: NO	00:12:57	3976	
	220.60	Material Change, within 8 inch: NO, Remarks: To VCP	00:14:02	3977, b	
	226.00	Manhole, within 8 inch: NO, Remarks: 1546-0266	00:15:45	3979	
	226.00	General Observation, within 8 inch: NO, Remarks: Also Found VCP Pipe Mater	00:16:27	3980	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	4100	0	4	4	0	4	4



Inspection report

Date: 20100222	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1199	PSR: 75928
Total Pipe Length: 243.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 02/19/2010	Pre-Cleaned: Jetting	Map Grid #: 1545

Street: EASEMENT	Flow Control: Not Controlled	Start MH: 1545-0442
City: RPV	Year Renewed	End MH: 1545-0441
Location Code: Easement/Right of Way	Tape/Media #: G312-008	pipe length: 121.8 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length: 5.0
Drain. Area: 0441/1545-0442/1545	Lining Method:
	Category:

Remark::

1:275	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1545-0442	00:00:57	2181	
	5.00	Water Level, 5 %, within 8 inch: NO	00:01:40	2182	
	24.50	Alignment Left, 10 %, within 8 inch: NO	00:02:21	2183, b	M 1
	24.50	Joint Offset Medium, within 8 inch: YES	00:02:36	2185, b	S 1
	64.00	Joint Offset Medium, within 8 inch: YES	00:04:00	2187, b	S 1
	65.10	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:04:24	2189	
	121.30	Roots Ball Connection, from 10 to 8 o'clock, 80 %, within 8 inch: NO	00:06:20	2190, b	M 4
	121.80	Abandoned Survey, within 8 inch: NO, Remarks: CAMERA BLOCKED BY BALL RO	00:12:27	2192	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
1200	4111	2	5	7	1	2.5	1.75



Inspection report

Date: 20100414	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 338	PSR: 69577
Total Pipe Length: 285.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 04/09/2010	Pre-Cleaned: Jetting	Map Grid #: 1654

Street: EASEMENT	Flow Control: Not Controlled	Start MH: 1654-0178
City: RPV	Year Renewed:	End MH: 1654-0176
Location Code: Easement/Right of Way	Tape/Media #: R311-048	pipe length: 221.3 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0176/1654-0178/1654	Lining Method:
	Category:

Remark::

1:500	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1654-0178	00:00:21	5551	
	3.50	Tap Factory Active, at 2 o'clock, 4", within 8 inch: NO	00:01:16	5552	
	21.70	Water Level, 5 %, within 8 inch: NO	00:02:46	5553	
	31.70	Roots Fine Joint, at 12 o'clock, within 8 inch: YES	00:03:34	5554, b	M 1
	50.00	General Observation, within 8 inch: NO, Remarks: Pipe Joint Length 3'	00:05:07	5556	
	165.00	Tap Factory Active, at 2 o'clock, 4", within 8 inch: NO	00:09:26	5557	
	221.30	Roots Ball Joint, from 7 to 5 o'clock, 95 %, within 8 inch: YES	00:12:16	5558, b	M 4
	221.30	Abandoned Survey, within 8 inch: NO, Remarks: Due To Roots Ball Joint	00:12:53	5560	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	4111	0	5	5	0	2.5	2.5



Inspection report

Date: 20100331	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Martin Garcia	section number: 941	PSR: 69588
Total Pipe Length: 165.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/29/2010	Pre-Cleaned: Jetting	Map Grid #: 1654

Street: CROWNVIEW DR	Flow Control: Not Controlled	Start MH: 1654-0188
City: RPV	Year Renewed:	End MH: 1654-0547
Location Code: Light Highway	Tape/Media #: M315-005	pipe length: 201.9 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0188/1654-0547/1654	Lining Method:
	Category:

Remark::

1:450	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1654-0188	00:00:38	2872	
	6.00	Water Level, 5 %, within 8 inch: NO	00:1:10	2873	
	<u>6.00</u>	Alignment Down, 5 %, within 8 inch: NO	00:01:23	2874	M 1
	37.50	Tap Break-in Active, at 9 o'clock, 4", within 8 inch: NO	00:02:26	2875	
	<u>37.50</u>	Roots Ball Connection, at 9 o'clock, 75 %, within 8 inch: NO	00:03:04	2876, b	M 4
	62.80	Tap Break-in Active, at 9 o'clock, 4", within 8 inch: NO	00:04:44	2878	
	102.80	Tap Factory Active, at 9 o'clock, 4", within 8 inch: NO	00:06:05	2879	
	<u>102.80</u>	Roots Fine Lateral, at 9 o'clock, within 8 inch: NO	00:06:15	2880	M 1
	120.50	Tap Factory Capped, at 3 o'clock, 4", within 8 inch: NO	00:07:02	2881	
	183.10	Crack Circumferential, from 11 to 2 o'clock, within 8 inch: YES	00:09:04	2882, b	S 1
	201.90	Manhole, within 8 inch: NO, Remarks: 1654-0547	00:10:13	2884	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
1100	4112	1	6	7	1	2	1.75



Inspection report

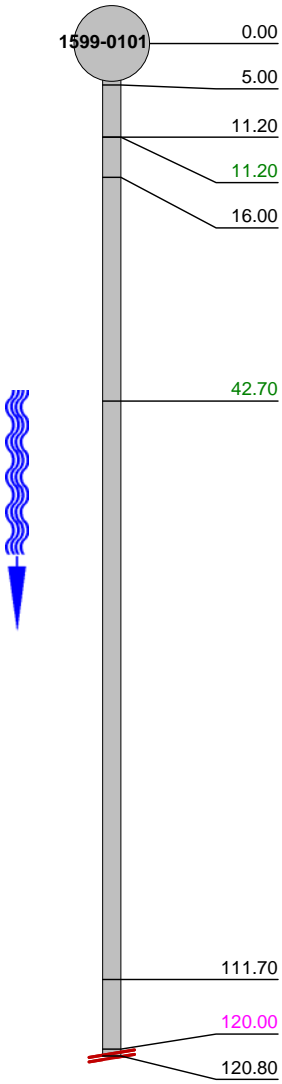
Date: 20100330	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 210	PSR: 72023
Total Pipe Length: 239.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/26/2010	Pre-Cleaned: Jetting	Map Grid #: 1599

Street: EASEMENT	Flow Control: Not Controlled	Start MH: 1599-0101
City: RPV	Year Renewed:	End MH: 1599-0102
Location Code: Easement/Right of Way	Tape/Media #: R311-037	pipe length: 120.8 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0101/1599-0102/1599	Lining Method:
	Category:

Remark::

1:275	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1599-0101	00:00:20	3788	
	5.00	Water Level, 5 %, within 8 inch: NO	00:05:03	3789	
	11.20	Tap Factory Active, at 9 o'clock, 4", within 8 inch: NO	00:05:32	3790	
	11.20	Roots Fine Connection, at 9 o'clock, within 8 inch: NO	00:05:48	3791, b	M 1
	16.00	General Observation, within 8 inch: NO, Remarks: Pipe Joint Length 3'	00:06:39	3793	
	42.70	Roots Fine Joint, from 7 to 8 o'clock, within 8 inch: YES	00:07:39	3794, b	M 1
	111.70	Tap Factory Active, at 9 o'clock, 4", within 8 inch: NO	00:10:08	3796	
	120.00	Roots Ball Joint, from 12 to 4 o'clock, 75 %, within 8 inch: YES	00:11:12	3797, b	M 4
	120.80	Abandoned Survey, within 8 inch: NO, Remarks: Due To Roots Ball Joint	00:12:46	3799, b	



QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	4112	0	6	6	0	2	2



Inspection report

Date: 20100225	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 773	PSR: 76139
Total Pipe Length: 389.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 02/19/2010	Pre-Cleaned: Jetting	Map Grid #: 1545

Street: CREST RD	Flow Control: Not Controlled	Start MH: 1545-0218
City: RPV	Year Renewed	End MH: 1545-0217
Location Code: Light Highway	Tape/Media #: R315-014	pipe length: 233.7 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 10"/10"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0217/1545-0218/1545	Lining Method:
	Category:

Remark::

1:525	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1545-0218	00:00:32	621	
	6.00	Water Level, 5 %, within 8 inch: NO	00:01:16	622	
	21.10	General Observation, within 8 inch: NO, Remarks: Pipe Joint Length 5'	00:02:22	623	
	104.40	Tap Factory Capped, at 3 o'clock, 6", within 8 inch: NO	00:04:39	624	
	105.60	Roots Fine Joint, at 4 o'clock, within 8 inch: YES	00:05:02	625, b	M 1
	203.90	Tap Factory Active, at 2 o'clock, 6", within 8 inch: NO	00:07:30	627	
	203.90	Roots Ball Connection, at 2 o'clock, 85 %, within 8 inch: NO	00:07:48	628, b	M 4
	210.70	Roots Fine Joint, at 8 o'clock, within 8 inch: YES	00:08:51	631, b	M 1
	215.90	Roots Fine Joint, from 5 to 7 o'clock, within 8 inch: YES	00:09:29	633, b	M 1
	233.70	Manhole, within 8 inch: NO, Remarks: 1545-0217	00:10:22	635	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	4113	0	7	7	0	1.75	1.75



Inspection report

Date: 20100308	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1331	PSR: 75207
Total Pipe Length: 159.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/05/2010	Pre-Cleaned: Jetting	Map Grid #: 1546

Street: ARROWROOT LN	Flow Control: Not Controlled	Start MH: 1546-0196
City: RPV	Year Renewed:	End MH: 1546-0197
Location Code: Light Highway	Tape/Media #: G312-018	pipe length: 16.8 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length: 3.0
Drain. Area: 0196/1546-0197/1546	Lining Method:
	Category:

Remark::

1:50	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1546-0196	00:01:03	4474	
	0.00	Broken, from 4 to 9 o'clock, within 8 inch: YES, Remarks: MOUTH OF CHANNEL TO PIPE	00:01:52	4475, b	S 5
	0.00 S1	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, Start	00:02:26	4477, b	M 1
	5.00	Water Level, 5 %, within 8 inch: NO	00:03:09	4479	
	6.70	Crack Multiple, from 7 to 6 o'clock, within 8 inch: YES	00:03:43	4480, b	S 3
	13.40	Roots Ball Joint, from 7 to 5 o'clock, 55 %, within 8 inch: YES	00:04:23	4482, b	M 4
	15.10 S2	Fracture Circumferential, from 7 to 5 o'clock, within 8 inch: YES, Start	00:05:16	4484, b	S 2
	16.80	Broken, from 8 to 4 o'clock, within 8 inch: YES	00:06:59	4486, b	S 5
	16.80 F1	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, End	00:07:37	4489	M 1
	16.80 F2	Fracture Circumferential, from 7 to 5 o'clock, within 8 inch: YES, End	00:07:48	4490	S 2
	16.80	Abandoned Survey, within 8 inch: NO, Remarks: CAMERA BLOCKED BY ROOTS,	00:08:06	4491	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
5231	4114	15	8	23	3.75	1.6	2.56



Inspection report

Date: 20100217	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1150	PSR: 75437
Total Pipe Length: 174.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 02/16/2010	Pre-Cleaned: Jetting	Map Grid #: 1546

Street: EASEMENT	Flow Control: Not Controlled	Start MH: 1545-0998
City: RPV	Year Renewed:	End MH: 1546-0275
Location Code: Easement/Right of Way	Tape/Media #: G312-005	pipe length: 175.2 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length: 3.0
Drain. Area: 0275/1546-0998/1545	Lining Method:
	Category:

Remark::

1:400	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1545-0998	00:00:28	1478	
	2.00	Joint Offset Medium, within 8 inch: YES	00:1:10	1479, b	S 1
	3.00	Joint Offset Medium, within 8 inch: YES	00:01:41	1481, b	S 1
	5.00	Water Level, 5 %, within 8 inch: NO	00:02:16	1483	
	21.40	Tap Factory Active, at 3 o'clock, 4", within 8 inch: NO	00:02:49	1484	
	46.40	Joint Offset Medium, within 8 inch: YES	00:03:45	1485, b	S 1
	71.00	Joint Offset Medium, within 8 inch: YES	00:04:46	1487, b	S 1
	138.40	Joint Offset Medium, within 8 inch: YES	00:06:57	1489, b	S 1
	138.40	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	00:07:15	1491, b	M 1
	144.40 S1	Joint Offset Medium, within 8 inch: YES, Start	00:07:57	1493, b	S 1
	169.40	Tap Factory Active, at 3 o'clock, 4", within 8 inch: NO	00:10:10	1495	
	169.40	Roots Fine Lateral, at 3 o'clock, within 8 inch: NO	00:10:24	1496, b	M 1
	170.20	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	00:11:02	1498, b	M 1
	170.20 F1	Joint Offset Medium, within 8 inch: YES, End	00:11:16	1500	S 1
	173.20	General Observation, within 8 inch: NO, Remarks: JOINT LENGTH 3'	00:11:50	1501	
	173.20	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	00:12:24	1502, b	M 1
	175.20	Tap Factory Active, at 9 o'clock, 4", within 8 inch: NO	00:13:19	1504	
	175.20	Roots Ball Connection, from 6 to 9 o'clock, 55 %, within 8 inch: NO	00:13:39	1505, b	M 4
	175.20	Manhole, within 8 inch: NO, Remarks: 1546-0275	00:14:07	1507	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
1A00	4114	11	8	19	1	1.6	1.19



Inspection report

Date: 20100419	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 368	PSR: 69669
Total Pipe Length: 127.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 04/16/2010	Pre-Cleaned: Jetting	Map Grid #: 1654

Street: EASEMENT	Flow Control: Not Controlled	Start MH: 1654-0155
City: RPV	Year Renewed:	End MH: 1654-0156
Location Code: Easement/Right of Way	Tape/Media #: R311-051	pipe length: 125.2 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0155/1654-0156/1654	Lining Method:
	Category:

Remark::

1:300	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1654-0155	00:00:20	5807	
	6.00	Water Level, 5 %, within 8 inch: NO	00:01:54	5808	
	11.90	Tap Factory Active, at 10 o'clock, 4", within 8 inch: NO	00:02:35	5809	
	31.10	General Observation, within 8 inch: NO, Remarks: Pipe Joint Length 3'	00:03:40	5810	
	72.50	Tap Factory Capped, at 10 o'clock, 4", within 8 inch: NO	00:06:23	5811	
	90.40	Roots Fine Joint, from 4 to 8 o'clock, within 8 inch: YES	00:08:00	5812, b	M 1
	94.00	Roots Fine Joint, from 1 to 3 o'clock, within 8 inch: YES	00:09:07	5814, b	M 1
	94.80	Tap Factory Active, at 11 o'clock, 4", within 8 inch: NO	00:09:57	5816	
	94.80	Roots Ball Connection, at 11 o'clock, 65 %, within 8 inch: NO	00:10:26	5817, b	M 4
	98.60 S1	Roots Fine Joint, from 2 to 8 o'clock, within 8 inch: YES, Start	00:11:13	5819, b	M 1
	105.40 F1	Roots Fine Joint, from 2 to 8 o'clock, within 8 inch: YES, End	00:12:10	5821, b	M 1
	125.20	Manhole, within 8 inch: NO, Remarks: 1654-0156	00:15:00	5823	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	4114	0	8	8	0	1.6	1.6



Inspection report

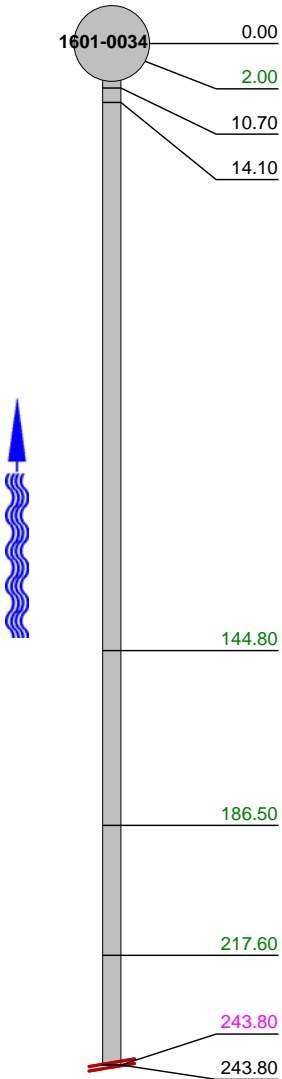
Date: 20100409	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 321	PSR: 71846
Total Pipe Length: 199.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 04/05/2010	Pre-Cleaned: Jetting	Map Grid #: 1601

Street: PALOS VERDES DR	Flow Control: Not Controlled	Start MH: 1601-0034
City: RPV	Year Renewed:	End MH: 1601-0035
Location Code: Light Highway	Tape/Media #: R311-045	pipe length: 243.8 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0034/1601-0035/1601	Lining Method:
	Category:

Remark::

1:550	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1601-0034	00:00:26	5200	
	2.00	Roots Fine Joint, from 2 to 8 o'clock, within 8 inch: YES	00:00:56	5201, b	M 1
	10.70	Water Level, 5 %, within 8 inch: NO	00:01:43	5203	
	14.10	General Observation, within 8 inch: NO, Remarks: Pipe joint Length 3'	00:02:09	5204	
	144.80	Roots Fine Joint, from 7 to 10 o'clock, within 8 inch: YES	00:05:56	5205, b	M 1
	186.50	Roots Fine Joint, from 10 to 1 o'clock, within 8 inch: YES	00:07:26	5207, b	M 1
	217.60	Roots Fine Joint, at 9 o'clock, within 8 inch: YES	00:08:34	5209, b	M 1
	243.80	Deposits Attached Other, from 5 to 7 o'clock, 25 %, within 8 inch: NO	00:09:57	5211, b	M 4
	243.80	Abandoned Survey, within 8 inch: NO, Remarks: Due To Deposits Attached	00:10:56	5213, b	



QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	4114	0	8	8	0	1.6	1.6



Inspection report

Date: 20100316	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 57	PSR: 71937
Total Pipe Length: 350.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/12/2010	Pre-Cleaned: Jetting	Map Grid #: 1600

Street: GANADO DR	Flow Control: Not Controlled	Start MH: 1600-0082
City: RPV	Year Renewed	End MH: 1600-0081
Location Code: Light Highway	Tape/Media #: R027	pipe length: 219.2 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0081/1600-0082/1600	Lining Method:
	Category:

Remark::

1:500	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1600-0082	00:00:21	958	
	1.50	Roots Fine Joint, from 3 to 9 o'clock, within 8 inch: YES	00:01:04	959, b	M 1
	5.00	Water Level, 5 %, within 8 inch: NO	00:01:41	961	
	14.00	General Observation, within 8 inch: NO, Remarks: Pipe Joint Length 5'	00:02:25	962	
	26.20	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:02:59	963	
	26.20	Roots Fine Lateral, at 3 o'clock, within 8 inch: NO	00:3:10	964, b	M 1
	72.70	Roots Fine Joint, from 2 to 4 o'clock, within 8 inch: YES	00:04:36	966, b	M 1
	74.50	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:05:01	968	
	87.00	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:05:39	969	
	87.00	Roots Ball Connection, at 3 o'clock, 70 %, within 8 inch: NO	00:05:51	970, b	M 4
	125.40	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:07:07	972	
	138.00	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:07:44	973	
	138.00	Roots Fine Lateral, at 3 o'clock, within 8 inch: NO	00:07:57	974, b	M 1
	196.60	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:09:39	976	
	219.20	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:12:04	977	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	4114	0	8	8	0	1.6	1.6



Inspection report

Date: 20100412	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 325	PSR: 75308
Total Pipe Length: 251.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 04/09/2010	Pre-Cleaned: Jetting	Map Grid #: 1546

Street: EASEMENT	Flow Control: Not Controlled	Start MH: 1546-0064
City: RPV	Year Renewed:	End MH: 1546-0065
Location Code: Easement/Right of Way	Tape/Media #: R311-046	pipe length: 191.4 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0064/1546-0065/1546	Lining Method:
	Category:

Remark::

1:450	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1546-0064	00:00:29	5260	
	14.70	Water Level, 5 %, within 8 inch: NO	00:01:45	5261	
	27.10	Roots Fine Joint, from 2 to 3 o'clock, within 8 inch: YES	00:02:54	5262, b	M 1
	27.10	General Observation, within 8 inch: NO, Remarks: Pipe Joint Length 3'	00:03:23	5264	
	50.90	Roots Fine Joint, from 1 to 4 o'clock, within 8 inch: YES	00:05:00	5265, b	M 1
	87.30	Tap Factory Capped, at 2 o'clock, 4", within 8 inch: NO	00:07:41	5267	
	89.00	Tap Factory Active, at 2 o'clock, 4", within 8 inch: NO	00:08:30	5268	
	89.10	Roots Ball Lateral, at 2 o'clock, 95 %, within 8 inch: NO	00:08:46	5269, b	M 4
	89.10	Roots Fine Connection, at 2 o'clock, within 8 inch: NO	00:09:17	5271, b	M 1
	94.40 S1	Roots Fine Joint, at 3 o'clock, within 8 inch: YES, Start	00:10:16	5273, b	M 1
	97.80 F1	Roots Fine Joint, at 3 o'clock, within 8 inch: YES, End	00:11:08	5275, b	M 1
	128.60	Roots Fine Joint, from 5 to 8 o'clock, within 8 inch: YES	00:13:10	5277, b	M 1
	191.40	Abandoned Survey, within 8 inch: NO, Remarks: Rock In Line-Note Unable	00:21:33	5279	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	4115	0	9	9	0	1.5	1.5



Inspection report

Date: 20100312	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1371	PSR: 71872
Total Pipe Length: 135.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/11/2010	Pre-Cleaned: Jetting	Map Grid #: 1600

Street: EASEMENT	Flow Control: Not Controlled	Start MH: 1600-0128
City: RPV	Year Renewed:	End MH: 1600-0127
Location Code: Easement/Right of Way	Tape/Media #: G312-022	pipe length: 133.9 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length: 5.0
Drain. Area: 0127/1600-0128/1600	Lining Method:
	Category:

Remark::

1:300	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1600-0128	00:00:42	5435	
	5.00	Water Level, 15 %, within 8 inch: NO	00:01:20	5436	
	9.70	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	00:01:42	5437, b	M 1
	14.50 S1	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, Start	00:02:18	5439, b	M 1
	35.00 F1	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, End	00:03:22	5441	M 1
	106.70	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	00:05:05	5442, b	M 1
	117.30	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	00:05:45	5444, b	M 1
	127.80 S2	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, Start	00:06:33	5446, b	M 1
	133.90 F2	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, End	00:07:22	5448	M 1
	133.90	Roots Medium Barrel, from 7 to 5 o'clock, 30 %, within 8 inch: NO	00:08:01	5449, b	M 4
	133.90	Manhole, within 8 inch: NO, Remarks: 1600-0127	00:08:51	5451	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	411A	0	14	14	0	1.27	1.27



Inspection report

Date: 20100308	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1332	PSR: 75206
Total Pipe Length: 139.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/05/2010	Pre-Cleaned: Jetting	Map Grid #: 1546

Street: ARROWROOT LN	Flow Control: Not Controlled	Start MH: 1546-0196
City: RPV	Year Renewed	End MH: 1546-0195
Location Code: Light Highway	Tape/Media #: G312-018	pipe length: 90.8 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length: 3.0
Drain. Area: 0195/1546-0196/1546	Lining Method:
	Category:

Remark::

1:225	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1546-0196	00:00:35	4492	
	0.00 S1	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, Start	00:00:52	4493, b	M 1
	5.00	Water Level, 5 %, within 8 inch: NO	00:01:36	4495	
	11.60	Crack Multiple, from 7 to 6 o'clock, within 8 inch: YES	00:02:12	4496, b	S 3
	22.20	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	00:03:40	4498, b	S 3
	23.50	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:04:08	4500	
	24.90 S2	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES, Start	00:04:33	4501, b	S 3
	67.70	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:06:39	4503	
	87.00 F1	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, End	00:07:36	4504	M 1
	87.00 F2	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES, End	00:07:48	4505	S 3
	90.80	Surface Aggregate Visible Unknown, from 4 to 8 o'clock, within 8 inch: YES	00:08:39	4506	S 3
	90.80	Roots Medium Barrel, from 7 to 6 o'clock, 25 %, within 8 inch: NO	00:09:19	4507, b	M 4
	90.80	Manhole, within 8 inch: NO, Remarks: 1546-0195	00:09:58	4509	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
3C00	411C	57	26	83	3	1.13	1.98



Inspection report

Date: 20100308	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1322	PSR: 75215
Total Pipe Length: 183.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/05/2010	Pre-Cleaned: Jetting	Map Grid #: 1546

Street: SEACOVE DR	Flow Control: Not Controlled	Start MH: 1546-0205
City: RPV	Year Renewed:	End MH: 1546-0206
Location Code: Light Highway	Tape/Media #: G312-018	pipe length: 150 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length: 3.0
Drain. Area: 0205/1546-0206/1546	Lining Method:
	Category:

Remark::

1:350	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1546-0205	00:00:44	4254	
	0.00	Surface Aggregate Visible Unknown, from 3 to 9 o'clock, within 8 inch: NO	00:01:24	4255, b	S 3
	5.00	Water Level, 5 %, within 8 inch: NO	00:02:15	4257	
	12.40 S1	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, Start	00:02:59	4258, b	M 1
	34.50	Tap Factory Capped, at 9 o'clock, 6", within 8 inch: NO	00:03:58	4260	
	43.90	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:04:30	4261	
	77.60	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:06:20	4262	
	77.60	Roots Ball Connection, from 6 to 9 o'clock, 55 %, within 8 inch: NO	00:06:46	4263, b	M 4
	93.90	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:07:38	4265	
	139.90 F1	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, End	00:08:54	4266	M 1
	141.50	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:09:15	4267	
	150.00	Surface Aggregate Visible Unknown, from 3 to 9 o'clock, within 8 inch: NO, Remarks: channel eaten away	00:11:06	4268, b	S 3
	150.00	Manhole, within 8 inch: NO, Remarks: 1546-0206	00:11:53	4270	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
3200	411F	6	36	42	3	1.09	1.2



Inspection report

Date: 20100317	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 71	PSR: 71744
Total Pipe Length: 350.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/15/2010	Pre-Cleaned: Jetting	Map Grid #: 1601

Street: GANADO DR	Flow Control: Not Controlled	Start MH: 1601-0048
City: RPV	Year Renewed	End MH: 1601-0047
Location Code: Light Highway	Tape/Media #: R028	pipe length: 327.8 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0047/1601-0048/1601	Lining Method:
	Category:

Remark::

1:462	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1601-0048	00:00:27	1309	
	4.00 S1	Roots Fine Joint, from 4 to 7 o'clock, within 8 inch: YES, Start	00:01:14	1310, b	M 1
	6.20 F1	Roots Fine Joint, from 4 to 7 o'clock, within 8 inch: YES, End	00:01:41	1312, b	M 1
	11.30	Roots Fine Joint, from 2 to 3 o'clock, within 8 inch: YES	00:02:16	1314, b	M 1
	16.40	Water Level, 5 %, within 8 inch: NO	00:02:44	1316	
	21.40	Roots Fine Joint, at 8 o'clock, within 8 inch: YES	00:03:08	1317, b	M 1
	26.30	General Observation, within 8 inch: NO, Remarks: Pipe Joint Length 5'	00:03:45	1319	
	36.80 S2	Roots Fine Joint, from 3 to 10 o'clock, within 8 inch: YES, Start	00:04:17	1320, b	M 1
	57.30 F2	Roots Fine Joint, from 3 to 10 o'clock, within 8 inch: YES, End	00:05:17	1322, b	M 1
	62.60	Roots Fine Joint, from 3 to 8 o'clock, within 8 inch: YES	00:05:48	1324, b	M 1
	87.80	Roots Fine Joint, from 2 to 4 o'clock, within 8 inch: YES	00:08:48	1326, b	M 1
	89.10	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:09:24	1328	
	89.10	Roots Fine Lateral, at 3 o'clock, within 8 inch: NO	00:09:36	1329, b	M 1
	90.50 S3	Roots Fine Joint, at 10 o'clock, within 8 inch: YES, Start	00:10:02	1331, b	M 1
	131.10 F3	Roots Fine Joint, at 10 o'clock, within 8 inch: YES, End	00:11:43	1333, b	M 1
	135.90	Roots Fine Joint, from 4 to 8 o'clock, within 8 inch: YES	00:12:18	1335, b	M 1
	146.00 S4	Roots Fine Joint, at 3 o'clock, within 8 inch: YES, Start	00:12:59	1337, b	M 1
	183.40	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:14:59	1339	
	183.40	Roots Ball Connection, at 3 o'clock, 85 %, within 8 inch: NO	00:15:12	1340, b	M 4
	184.40 F4	Roots Fine Joint, at 3 o'clock, within 8 inch: YES, End	00:15:50	1342, b	M 1
	189.70	Roots Fine Joint, at 9 o'clock, within 8 inch: YES	00:16:23	1344, b	M 1
	204.80 S5	Roots Fine Joint, from 2 to 9 o'clock, within 8 inch: YES, Start	00:17:18	1346, b	M 1



Inspection report

Date: 20100317	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 71	PSR: 71744
Total Pipe Length: 350.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/15/2010	Pre-Cleaned: Jetting	Map Grid #: 1601

1:462	position	observation	MPEG	photo	grade
	<u>209.80</u> F5	Roots Fine Joint, from 2 to 9 o'clock, within 8 inch: YES, End	00:17:52	1348, b	M 1
	<u>220.10</u>	Roots Fine Joint, from 3 to 9 o'clock, within 8 inch: YES	00:18:36	1350, b	M 1
	<u>225.10</u> S6	Roots Fine Joint, from 4 to 8 o'clock, within 8 inch: YES, Start	00:19:10	1352, b	M 1
	<u>245.70</u> F6	Roots Fine Joint, from 4 to 8 o'clock, within 8 inch: YES, End	00:20:30	1354, b	M 1
	<u>255.80</u>	Roots Fine Joint, at 10 o'clock, within 8 inch: YES	00:21:19	1356, b	M 1
	<u>272.30</u>	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:22:16	1358	
	<u>327.80</u>	Manhole, within 8 inch: NO, Remarks: 1601-0047	00:24:39	1359	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	411H	0	45	45	0	1.07	1.07



Inspection report

Date: 20100331	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1566	PSR: 69654
Total Pipe Length: 290.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/30/2010	Pre-Cleaned: Jetting	Map Grid #: 1654

Street: MIRALESTE DR	Flow Control: Not Controlled	Start MH: 1654-0141
City: RPV	Year Renewed:	End MH: 1654-0140
Location Code: Main Highway - Suburban/Rural	Tape/Media #: G312-033	pipe length: 292.2 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length: 3.0
Drain. Area: 0140/1654-0141/1654	Lining Method:
	Category:

Remark::

1:675	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1654-0141	00:00:42	8800	
	0.00	Water Level, 10 %, within 8 inch: NO	00:00:58	8801	
	46.30	S1 Roots Fine Joint, from 7 to 9 o'clock, within 8 inch: YES, Start	00:03:11	8802, b	M 1
	96.60	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:06:41	8804	
	140.40	F1 Roots Fine Joint, from 7 to 9 o'clock, within 8 inch: YES, End	00:08:30	8805	M 1
	151.10	S2 Roots Fine Joint, from 8 to 9 o'clock, within 8 inch: YES, Start	00:09:17	8806, b	M 1
	155.10	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:09:50	8808	
	215.60	F2 Roots Fine Joint, from 8 to 9 o'clock, within 8 inch: YES, End	00:12:10	8809	M 1
	219.30	S3 Roots Fine Joint, from 2 to 10 o'clock, within 8 inch: YES, Start	00:12:43	8810, b	M 1
	224.30	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:13:31	8812	
	224.30	Roots Ball Connection, from 2 to 4 o'clock, 55 %, within 8 inch: NO	00:14:09	8813, b	M 4
	288.70	F3 Roots Fine Joint, from 2 to 10 o'clock, within 8 inch: YES, End	00:17:03	8815	M 1
	292.20	Manhole, within 8 inch: NO, Remarks: 1654-0140	00:17:58	8816	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	411L	0	61	61	0	1.05	1.05



Inspection report

Date: 20100319	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1448	PSR: 71780
Total Pipe Length: 289.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/18/2010	Pre-Cleaned: Jetting	Map Grid #: 1601

Street: HEROIC DR	Flow Control: Not Controlled	Start MH: 1601-0084
City: RPV	Year Renewed:	End MH: 1601-0085
Location Code: Light Highway	Tape/Media #: G312-026	pipe length: 357.6 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length: 5.0
Drain. Area: 0084/1601-0085/1601	Lining Method:
	Category:

Remark::

1:800	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1601-0084	00:00:35	7047	
	0.00	Water Level, 10 %, within 8 inch: NO	00:00:50	7048	
	1.50	S1 Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, Start	00:01:09	7049, b	M 1
	25.40	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:02:04	7051	
	48.30	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:02:46	7052	
	102.00	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:03:54	7053	
	119.90	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:04:29	7054	
	183.80	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:05:54	7055	
	211.50	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:06:37	7056	
	271.80	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:08:11	7057	
	292.90	F1 Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, End	00:08:55	7058	M 1
	301.50	S2 Roots Fine Joint, from 2 to 5 o'clock, within 8 inch: YES, Start	00:09:39	7059, b	M 1
	313.60	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:10:24	7061	
	313.60	Roots Fine Lateral, at 9 o'clock, within 8 inch: NO	00:10:34	7062, b	M 1
	341.30	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:11:41	7064	
341.30	Roots Ball Connection, from 3 to 6 o'clock, 55 %, within 8 inch: NO	00:11:56	7065, b	M 4	
354.80	F2 Roots Fine Joint, from 2 to 5 o'clock, within 8 inch: YES, End	00:12:46	7067	M 1	
357.60	Manhole, within 8 inch: NO, Remarks: 1601-0085	00:13:32	7068		

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	411T	0	91	91	0	1.03	1.03



Inspection report

Date: 20100325	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1510	PSR: 69420
Total Pipe Length: 332.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/24/2010	Pre-Cleaned: Jetting	Map Grid #: 1654

Street: EASEMENT	Flow Control: Not Controlled	Start MH: 1654-0362-A
City: RPV	Year Renewed:	End MH: 1654-0362
Location Code: Easement/Right of Way	Tape/Media #: G312-030	pipe length: 240.3 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length: 5.0
Drain. Area: 0362-A/1654-0362/1654	Lining Method:
	Category:

Remark::

1:550	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1654-0362-A, UNDOCUMENTED	00:00:52	8118	
	0.00	Water Level, 10 %, within 8 inch: NO	00:01:04	8119	
	0.50	Tap Factory Active, at 3 o'clock, 4", within 8 inch: NO	00:01:20	8120	
	0.50	Roots Tap Lateral, at 3 o'clock, 15 %, within 8 inch: NO	00:01:36	8121, b	M 2
	63.00	Tap Break-in Active, at 9 o'clock, 6", within 8 inch: NO	00:06:02	8123	
	64.90	Tap Break-in Active, at 9 o'clock, 6", within 8 inch: NO	00:06:48	8124	
	64.90	Roots Fine Lateral, at 9 o'clock, within 8 inch: NO	00:06:58	8125, b	M 1
	64.90	Crack Longitudinal, at 9 o'clock, within 8 inch: NO	00:07:08	8127, b	S 2
	116.10	Tap Factory Capped, at 9 o'clock, 4", within 8 inch: NO	00:09:12	8129	
	177.20	Tap Factory Capped, at 9 o'clock, 4", within 8 inch: NO	00:10:43	8130	
	182.70	Tap Break-in Active, at 9 o'clock, 6", within 8 inch: NO	00:11:29	8131	
	239.40	Tap Factory Capped, at 3 o'clock, 4", within 8 inch: NO	00:14:59	8132	
	239.80	Roots Ball Joint, from 7 to 5 o'clock, 55 %, within 8 inch: YES	00:16:22	8133, b	M 4
	240.30	Abandoned Survey, within 8 inch: NO, Remarks: CAMERA BLOCKED BY BALL RO	00:21:59	8135	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
2100	4121	2	7	9	2	2.33	2.25



Inspection report

Date: 20100311	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1361	PSR: 71880
Total Pipe Length: 266.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/10/2010	Pre-Cleaned: Jetting	Map Grid #: 1600

Street: DAUNTLESS DR	Flow Control: Not Controlled	Start MH: 1600-0135
City: RPV	Year Renewed:	End MH: 1600-0136
Location Code: Light Highway	Tape/Media #: G312-021	pipe length: 217.6 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length: 3.0
Drain. Area: 0135/1600-0136/1600	Lining Method:
	Category:

Remark::

1:500	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1600-0135	00:00:42	5250	
	5.00	Water Level, 5 %, within 8 inch: NO	00:01:18	5251	
	5.20	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:01:44	5252	
	15.70	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:02:26	5253	
	15.70	Roots Ball Connection, from 3 to 6 o'clock, 55 %, within 8 inch: NO	00:02:41	5254, b	M 4
	15.70	Crack Longitudinal, at 3 o'clock, within 8 inch: YES	00:03:04	5256, b	S 2
	34.10	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	00:04:08	5258, b	S 3
	34.10	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	00:04:18	5260, b	M 1
	49.40	Tap Factory Capped, at 3 o'clock, 6", within 8 inch: NO	00:05:03	5262	
	71.50	Roots Fine Joint, from 7 to 11 o'clock, within 8 inch: YES	00:07:15	5263, b	M 1
	93.70	Tap Factory Capped, at 3 o'clock, 6", within 8 inch: NO	00:08:04	5265	
	99.70	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:08:26	5266	
	106.20	Deposits Ingressed Fine, from 8 to 4 o'clock, 5 %, within 8 inch: NO, Remarks: silt	00:09:00	5267, b	M 2
	148.00	Tap Factory Capped, at 3 o'clock, 6", within 8 inch: NO	00:10:11	5269	
	185.20	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:11:14	5270	
190.80	Fracture Circumferential, from 8 to 10 o'clock, within 8 inch: YES	00:11:41	5271, b	S 2	
190.80	Crack Circumferential, from 1 to 3 o'clock, within 8 inch: YES	00:12:01	5273, b	S 1	
192.00	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:12:33	5275		
217.60	Manhole, within 8 inch: NO, Remarks: 1600-0136	00:13:47	5276		

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
3122	4121	8	8	16	2	2	2



Inspection report

Date: 20100217	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1147	PSR: 84551
Total Pipe Length: 217.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 02/16/2010	Pre-Cleaned: Jetting	Map Grid #: 1600

Street: EASEMENT	Flow Control: Not Controlled	Start MH: 1600-0001
City: RPV	Year Renewed	End MH: 1599-0146
Location Code: Easement/Right of Way	Tape/Media #: G312-005	pipe length: 220 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length: 3.0
Drain. Area: 0001/1600-0146/1599	Lining Method:
	Category:

Remark::

1:500	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1600-0001	00:00:41	1362	
	0.00	Roots Fine Joint, from 3 to 5 o'clock, within 8 inch: YES	00:01:20	1363, b	M 1
	6.00	Water Level, 10 %, within 8 inch: NO	00:02:00	1365	
	7.00 S1	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, Start	00:02:37	1366, b	M 1
	25.30	Tap Factory Active, at 3 o'clock, 4", within 8 inch: NO	00:03:31	1368	
	31.40	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:03:53	1369	
	31.40	Roots Tap Connection, from 6 to 9 o'clock, 15 %, within 8 inch: NO	00:04:05	1370, b	M 2
	124.90 F1	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, End	00:07:12	1372	M 1
	159.20	General Observation, within 8 inch: NO, Remarks: JOINT LENGTH 3'	00:08:35	1373	
	183.30	Broken, from 9 to 12 o'clock, within 8 inch: YES	00:10:14	1374, b	S 5
	183.30	Crack Longitudinal, at 10 o'clock, within 8 inch: YES	00:10:34	1376, b	S 2
	183.30	Roots Fine Joint, from 8 to 9 o'clock, within 8 inch: YES	00:10:48	1378, b	M 1
	220.00	Tap Factory Active, at 9 o'clock, 4", within 8 inch: NO	00:13:26	1380	
	220.00	Roots Ball Connection, from 8 to 10 o'clock, 55 %, within 8 inch: NO	00:13:42	1381, b	M 4
	220.00	Manhole, within 8 inch: NO, Remarks: 1599-0146, BURIED UNDER F	00:14:52	1383	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
5121	4121	7	37	44	3.5	1.12	1.26



Inspection report

Date: 20100408	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 307	PSR: 69481
Total Pipe Length: 169.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 04/05/2010	Pre-Cleaned: Jetting	Map Grid #: 1654

Street: EASEMENT	Flow Control: Not Controlled	Start MH: 1654-0310
City: RPV	Year Renewed:	End MH: 1654-0311
Location Code: Easement/Right of Way	Tape/Media #: R311-044	pipe length: 150.1 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0310/1654-0311/1654	Lining Method:
	Category:

Remark::

1:350	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1654-0310	00:00:27	5001	
	0.00	Roots Fine Barrel, from 10 to 2 o'clock, within 8 inch: NO	00:01:21	5002, b	M 2
	18.20	Roots Fine Joint, at 3 o'clock, within 8 inch: YES	00:02:51	5004, b	M 1
	83.80	Tap Factory Active, at 2 o'clock, 4", within 8 inch: NO	00:06:56	5007	
	94.20	General Observation, within 8 inch: NO, Remarks: Factory Glue Joint	00:08:09	5008, b	
	150.10	Roots Ball Joint, from 7 to 5 o'clock, 90 %, within 8 inch: YES	00:12:44	5010, b	M 4
	150.10	Abandoned Survey, within 8 inch: NO, Remarks: Due To Roots Ball Joint	00:13:35	5012, b	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	4121	0	7	7	0	2.33	2.33



Inspection report

Date: 20100319	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1439	PSR: 71860
Total Pipe Length: 50.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/18/2010	Pre-Cleaned: Jetting	Map Grid #: 1600

Street: EASEMENT	Flow Control: Not Controlled	Start MH: 1600-0116
City: RPV	Year Renewed:	End MH: 1600-0118
Location Code: Easement/Right of Way	Tape/Media #: G312-026	pipe length: 13.6 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length: 5.0
Drain. Area: 0116/1600-0118/1600	Lining Method:
	Category:

Remark::

1:50	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1600-0116	00:00:49	6910	
	0.90	Crack Circumferential, from 7 to 6 o'clock, within 8 inch: NO	00:01:27	6911, b	S 1
	7.10	Water Level Sag, 30 %, within 8 inch: NO, Start	00:02:01	6913, b	M 2
	8.60	Camera Underwater, within 8 inch: NO	00:02:50	6915	M 4
	13.60	Water Level Sag, 30 %, within 8 inch: NO, End	00:04:50	6916	M 2
	13.60	Manhole, within 8 inch: NO, Remarks: 1600-0118	00:05:02	6917	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
1100	4122	1	8	9	1	2.67	2.25



Inspection report

Date: 20100302	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1279	PSR: 76311
Total Pipe Length: 277.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/01/2010	Pre-Cleaned: Jetting	Map Grid #: 1545

Street: EASEMENT	Flow Control: Not Controlled	Start MH: 1545-0065
City: RPV	Year Renewed	End MH: 1545-0064
Location Code: Easement/Right of Way	Tape/Media #: G312-014	pipe length: 183.9 ft
Reason for inspection: Routine Assessment	Dia/Height: Circular 8"	
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length: 5.0	
Drain. Area: 0064/1545-0065/1545	Lining Method:	
Category:		

Remark::

1:425	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1545-0065	00:01:03	3448	
	5.00 S1	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, Start	00:01:50	3449, b	M 1
	6.00	Water Level, 5 %, within 8 inch: NO	00:02:52	3451	
	6.40	Tap Break-in Active, at 9 o'clock, 4", within 8 inch: NO	00:03:35	3452	
	6.40	Roots Fine Connection, from 6 to 9 o'clock, within 8 inch: NO	00:03:50	3453, b	M 1
	61.20	Tap Factory Active, at 9 o'clock, 4", within 8 inch: NO	00:05:50	3455	
	61.20 S2	Roots Tap Connection, from 7 to 9 o'clock, 20 %, within 8 inch: NO, Start	00:06:05	3456, b	M 2
	70.90 F2	Roots Tap Connection, from 7 to 9 o'clock, 20 %, within 8 inch: NO, End	00:06:56	3458	M 2
	154.90 F1	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, End	00:10:26	3459	M 1
	174.00	Roots Fine Joint, from 2 to 5 o'clock, within 8 inch: YES	00:11:50	3460, b	M 1
	180.20	Tap Factory Active, at 9 o'clock, 4", within 8 inch: NO	00:12:31	3462	
	181.90	Roots Ball Joint, from 7 to 5 o'clock, 55 %, within 8 inch: YES	00:13:13	3463, b	M 4
	183.10	Crack Circumferential, from 7 to 10 o'clock, within 8 inch: NO	00:14:46	3465, b	S 1
	183.90	Abandoned Survey, within 8 inch: NO, Remarks: CAMERA BLOCKED BY BALL RO	00:19:59	3467	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
1100	4122	1	47	48	1	1.12	1.12



Inspection report

Date: 20100225	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1244	PSR: 75389
Total Pipe Length: 274.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 02/24/2010	Pre-Cleaned: Jetting	Map Grid #: 1546

Street: EASEMENT	Flow Control: Not Controlled	Start MH: 1546-0032
City: RPV	Year Renewed	End MH: 1546-0031
Location Code: Easement/Right of Way	Tape/Media #: G312-011	pipe length: 195.9 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length: 5.0
Drain. Area: 0031/1546-0032/1546	Lining Method:
	Category:

Remark::

1:450	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1546-0032	00:00:33	2896	
	0.20	Water Level, 15 %, within 8 inch: NO	00:00:46	2897	
	9.40	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:01:12	2898	
	9.40	Joint Offset Medium, within 8 inch: YES	00:01:20	2899, b	S 1
	10.40	Water Level, 10 %, within 8 inch: NO	00:01:46	2901	
	33.60	Tap Break-in Active, at 3 o'clock, 4", within 8 inch: NO	00:02:43	2902	
	33.60	Roots Tap Lateral, at 3 o'clock, 15 %, within 8 inch: NO	00:02:57	2903, b	M 2
	37.60	Tap Factory Capped, at 3 o'clock, 4", within 8 inch: NO	00:03:25	2905	
	56.30	Water Level, 15 %, within 8 inch: NO	00:04:01	2906	
	58.60	Broken, from 7 to 5 o'clock, within 8 inch: YES	00:04:46	2907, b	S 5
	58.60	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	00:05:02	2909, b	M 1
	58.60	Deformed, 10 %, within 8 inch: NO	00:05:14	2911, b	S 4
	122.10	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:08:12	2913	
	122.10	Roots Fine Lateral, at 3 o'clock, within 8 inch: NO	00:08:26	2914, b	M 1
	139.40	Deposits Attached Grease, from 4 to 8 o'clock, 10 %, within 8 inch: NO	00:09:32	2916, b	M 2
195.90	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:11:41	2918		
195.90	Roots Ball Connection, from 1 to 8 o'clock, 55 %, within 8 inch: NO	00:12:43	2919, b	M 4	
195.90	Abandoned Survey, within 8 inch: NO, Remarks: CAMERA BLOCKED BY BALL RO	00:13:21	2921		

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
5141	4122	10	10	20	3.33	2	2.5



Inspection report

Date: 20100413	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1704	PSR: 75073
Total Pipe Length: 30.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 04/12/2010	Pre-Cleaned: Jetting	Map Grid #: 1546

Street: ALBERO CT	Flow Control: Not Controlled	Start MH: 1546-0299
City: RPV	Year Renewed:	End MH: 1546-TRNK
Location Code: Light Highway	Tape/Media #: G312-042	pipe length: 27.8 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0299/1546-TRNK/1546	Lining Method:
	Category:

Remark::

1:75	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1546-0299	00:00:24	10840	
	1.00	Joint Offset Medium, within 8 inch: YES	00:03:16	10841, b	S 1
	6.00	Water Level Sag, 30 %, within 8 inch: NO, Start	00:04:19	10843, b	M 2
	27.80	Water Level Sag, 30 %, within 8 inch: NO, End	00:05:18	10845	M 2
	27.80	Obstacle Construction Debris, from 4 to 8 o'clock, 30 %, within 8 inch: NO, Remarks: ASPHALT	00:05:45	10846, b	M 4
	27.80	Manhole, within 8 inch: NO, Remarks: 1546-TRNK	00:06:37	10848	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
1100	4125	1	14	15	1	2.33	2.14



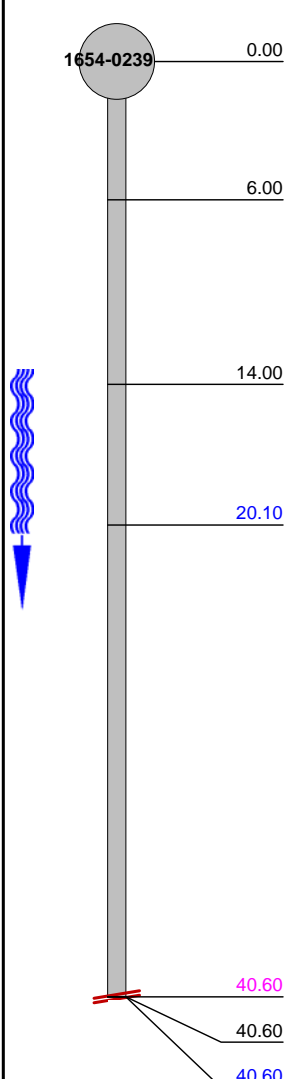
Inspection report

Date: 20100406	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 286	PSR: 69522
Total Pipe Length: 170.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 04/05/2010	Pre-Cleaned: Jetting	Map Grid #: 1654

Street: EASEMENT	Flow Control: Not Controlled	Start MH: 1654-0239
City: RPV	Year Renewed	End MH: 1654-0238
Location Code: Easement/Right of Way	Tape/Media #: R311-042	pipe length: 40.6 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0238/1654-0239/1654	Lining Method:
	Category:

Remark::

1:100	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1654-0239	00:00:29	4680	
	6.00	Water Level, 5 %, within 8 inch: NO	00:01:16	4681	
	14.00	Tap Break-in Active, at 2 o'clock, 4", within 8 inch: NO	00:02:03	4682	
	20.10 S1	Water Level Sag, 30 %, within 8 inch: NO, Start	00:02:53	4683, b	M 2
	40.60	Camera Underwater, within 8 inch: NO	00:09:20	4685	M 4
	40.60	Abandoned Survey, within 8 inch: NO, Remarks: Due To Possible Offset AI	00:10:23	4686	
	40.60 F1	Water Level Sag, 30 %, within 8 inch: NO, End	00:10:31	4687	M 2

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	4125	0	14	14	0	2.33	2.33



Inspection report

Date: 20100409	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1678	PSR: 69395
Total Pipe Length: 201.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 04/08/2010	Pre-Cleaned: Jetting	Map Grid #: 1654

Street: 9TH ST	Flow Control: Not Controlled	Start MH: 1654-0339
City: RPV	Year Renewed:	End MH: 1654-0338
Location Code: Main Highway - Suburban/Rural	Tape/Media #: G312-040	pipe length: 138.4 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0338/1654-0339/1654	Lining Method:
	Category:

Remark::

1:325	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1654-0339	00:00:44	10492	
	5.00	Water Level, 15 %, within 8 inch: NO	00:01:13	10493	
	62.80	S1 Water Level Sag, 25 %, within 8 inch: NO, Start	00:02:57	10494, b	M 2
	84.80	F1 Water Level Sag, 25 %, within 8 inch: NO, End	00:03:47	10496	M 2
	84.80	Water Level, 10 %, within 8 inch: NO	00:03:59	10497	
	132.00	S2 Water Level Sag, 30 %, within 8 inch: NO, Start	00:05:43	10498, b	M 2
	137.80	F2 Water Level Sag, 30 %, within 8 inch: NO, End	00:07:18	10500	M 2
	138.40	Deposits Ingressed Other, from 4 to 8 o'clock, 25 %, within 8 inch: NO, Remarks: DEBRIS	00:07:41	10501, b	M 4
	138.40	Abandoned Survey, within 8 inch: NO, Remarks: CAMERA BLOCKED BY DEBRIS,	00:08:09	10503	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	4127	0	18	18	0	2.25	2.25



Inspection report

Date: 20100629	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 3106	PSR: 69168
Total Pipe Length: 113.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 06/23/2010	Pre-Cleaned: Jetting	Map Grid #: 1655

Street: EASEMENT	Flow Control: Not Controlled	Start MH: 1655-0007
City: RPV	Year Renewed	End MH: 1655-0008
Location Code: Easement/Right of Way	Tape/Media #: R311-100	pipe length: 111.6 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0007/1655-0008/1655	Lining Method:
	Category:

Remark::

1:250	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1655-0007	00:00:29	1197	
	12.40	Water Level, 5 %, within 8 inch: NO	00:01:47	1198	
	15.80	General Observation, within 8 inch: NO, Remarks: Pipe joint Length 3'	00:02:17	1199	
	104.50	Roots Medium Joint, from 4 to 8 o'clock, 20 %, within 8 inch: YES	00:06:43	1200, b	M 3
	111.20	Roots Ball Joint, from 2 to 10 o'clock, 70 %, within 8 inch: YES	00:08:32	1202, b	M 4
	111.60	Abandoned Survey, within 8 inch: NO, Remarks: Due To Roots Ball Joint	00:11:08	1204, b	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	4131	0	7	7	0	3.5	3.5



Inspection report

Date: 20100628	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 3100	PSR: 75327
Total Pipe Length: 97.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 06/23/2010	Pre-Cleaned: Jetting	Map Grid #: 1546

Street: EASEMENT	Flow Control: Not Controlled	Start MH: 1546-0084
City: RPV	Year Renewed	End MH: 1546-0083
Location Code: Easement/Right of Way	Tape/Media #: R311-099	pipe length: 4 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0083/1546-0084/1546	Lining Method:
	Category:

Remark::

1:25	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1546-0084	00:00:49	1135	
	3.00	Roots Medium Joint, from 7 to 10 o'clock, 20 %, within 8 inch: YES	00:02:16	1136, b	M 3
	4.00	Roots Ball Joint, from 12 to 11 o'clock, 90 %, within 8 inch: YES	00:03:38	1138, b	M 4
	4.00	Abandoned Survey, within 8 inch: NO, Remarks: Do To Roots Ball Joint	00:04:18	1140, b	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	4131	0	7	7	0	3.5	3.5



Inspection report

Date: 20100402	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1600	PSR: 69563
Total Pipe Length: 174.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 04/01/2010	Pre-Cleaned: Jetting	Map Grid #: 1654

Street: MIRALESTE DR	Flow Control: Not Controlled	Start MH: 1654-0164
City: RPV	Year Renewed:	End MH: 1654-0165
Location Code: Main Highway - Suburban/Rural	Tape/Media #: G312-035	pipe length: 149 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length: 3.0
Drain. Area: 0164/1654-0165/1654	Lining Method:
	Category:

Remark::

1:350	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1654-0164	00:00:32	9447	
	0.00	Obstacle Construction Debris, from 4 to 8 o'clock, 20 %, within 8 inch: NO, Remarks: CEMENT IN CHANNEL OF DSMH	00:01:08	9448, b	M 3
	1.00	Water Level, 15 %, within 8 inch: NO	00:01:35	9450	
	3.00	Water Level, 10 %, within 8 inch: NO	00:01:47	9451	
	34.00	General Observation, within 8 inch: NO, Remarks: JOINT LENGTH 5'	00:03:18	9452	
	98.30	Roots Medium Barrel, from 6 to 8 o'clock, 25 %, within 8 inch: NO	00:05:24	9453, b	M 4
	131.00	Water Level, 10 %, within 8 inch: NO	00:20:58	9455	
	136.60	Water Level, 55 %, within 8 inch: NO	00:10:54	9456	
	147.90	Crack Circumferential, from 7 to 5 o'clock, within 8 inch: YES	00:21:46	9457, b	S 1
	147.90	Roots Fine Joint, from 4 to 8 o'clock, within 8 inch: YES	00:21:58	9459, b	M 1
	149.00	Manhole, within 8 inch: NO, Remarks: 1654-0165	00:22:46	9461	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
1100	4131	1	8	9	1	2.67	2.25



Inspection report

Date: 20100401	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1589	PSR: 69537
Total Pipe Length: 162.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/31/2010	Pre-Cleaned: Jetting	Map Grid #: 1654

Street: KNOLL VIEW DR	Flow Control: Not Controlled	Start MH: 1654-0525
City: RPV	Year Renewed:	End MH: 1654-0253
Location Code: Light Highway	Tape/Media #: G312-034	pipe length: 164.9 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length: 3.0
Drain. Area: 0253/1654-0525/1654	Lining Method:
	Category:

Remark::

1:375	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1654-0525	00:00:37	9311	
	0.00	Water Level, 10 %, within 8 inch: NO	00:00:50	9312	
	1.90	Roots Fine Joint, from 7 to 9 o'clock, within 8 inch: YES	00:01:15	9313, b	M 1
	5.00	Water Level, 15 %, within 8 inch: NO	00:01:37	9315	
	7.00 S1	Roots Fine Joint, from 7 to 10 o'clock, within 8 inch: YES, Start	00:01:50	9316, b	M 1
	12.10 S2	Water Level Sag, 25 %, within 8 inch: NO, Start	00:02:19	9318, b	M 2
	57.10	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:03:52	9320	
	57.10	Roots Ball Connection, from 6 to 9 o'clock, 55 %, within 8 inch: NO	00:04:21	9321, b	M 4
	63.80 F2	Water Level Sag, 25 %, within 8 inch: NO, End	00:05:08	9323	M 2
	63.80	Water Level, 10 %, within 8 inch: NO	00:05:19	9324	
	70.10	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:05:47	9325	
	70.10	Roots Medium Connection, from 7 to 9 o'clock, 25 %, within 8 inch: NO	00:06:07	9326, b	M 3
	118.90	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:08:01	9328	
	164.70 F1	Roots Fine Joint, from 7 to 10 o'clock, within 8 inch: YES, End	00:10:15	9329	M 1
	164.90	Manhole, within 8 inch: NO, Remarks: 1654-0253	00:09:45	9330	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	4131	0	73	73	0	1.33	1.33



Inspection report

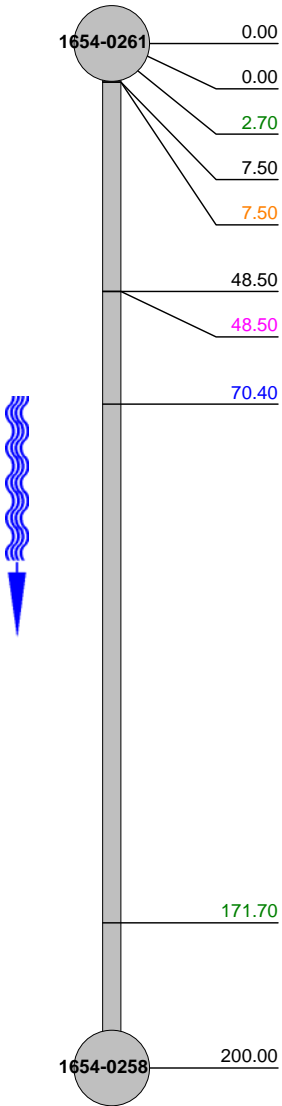
Date: 20100331	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1575	PSR: 69544
Total Pipe Length: 271.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/30/2010	Pre-Cleaned: Jetting	Map Grid #: 1654

Street: GRANDPOINT LN	Flow Control: Not Controlled	Start MH: 1654-0261
City: RPV	Year Renewed:	End MH: 1654-0258
Location Code: Light Highway	Tape/Media #: G312-033	pipe length: 200 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length: 3.0
Drain. Area: 0258/1654-0261/1654	Lining Method:
	Category:

Remark::

1:450	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1654-0261	00:00:45	8973	
	0.00	Water Level, 10 %, within 8 inch: NO	00:00:58	8974	
	2.70 S1	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, Start	00:01:30	8975, b	M 1
	7.50	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:02:25	8977	
	7.50	Roots Medium Connection, from 12 to 4 o'clock, 35 %, within 8 inch: NO	00:03:06	8978, b	M 3
	48.50	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:05:19	8980	
	48.50	Roots Ball Lateral, at 9 o'clock, 55 %, within 8 inch: NO	00:05:34	8981, b	M 4
	70.40	Roots Tap Joint, from 8 to 10 o'clock, 15 %, within 8 inch: YES	00:06:59	8983, b	M 2
	171.70 F1	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, End	00:10:02	8985	M 1
	200.00	Manhole, within 8 inch: NO, Remarks: 1654-0258	00:11:21	8986	



QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	4131	0	51	51	0	1.13	1.13



Inspection report

Date: 20100331	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1572	PSR: 69548
Total Pipe Length: 133.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/30/2010	Pre-Cleaned: Jetting	Map Grid #: 1654

Street: ALLEY	Flow Control: Not Controlled	Start MH: 1654-0264
City: RPV	Year Renewed	End MH: 1654-0263
Location Code: Alley	Tape/Media #: G312-033	pipe length: 137 ft
Reason for inspection: Routine Assessment	Dia/Height: Circular 8"	
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length: 3.0	
Drain. Area: 0263/1654-0264/1654	Lining Method:	
	Category:	

Remark::

1:325	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1654-0264	00:00:46	8914	
	3.00 S1	Roots Fine Joint, from 7 to 9 o'clock, within 8 inch: YES, Start	00:01:13	8915, b	M 1
	5.00	Water Level, 5 %, within 8 inch: NO	00:01:52	8917	
	10.30	Roots Tap Joint, from 7 to 10 o'clock, 15 %, within 8 inch: YES	00:02:18	8918, b	M 2
	56.40	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:03:41	8920	
	56.40	Roots Ball Connection, from 7 to 10 o'clock, 55 %, within 8 inch: NO	00:04:18	8921, b	M 4
	74.80	Roots Medium Joint, from 8 to 4 o'clock, 30 %, within 8 inch: YES	00:05:28	8923, b	M 3
	93.40	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:06:28	8925	
	93.40	Roots Fine Lateral, at 3 o'clock, within 8 inch: NO	00:06:42	8926, b	M 1
	137.00	Surface Aggregate Visible Unknown, from 6 to 9 o'clock, within 8 inch: NO	00:09:44	8928, b	S 3
	137.00 F1	Roots Fine Joint, from 7 to 9 o'clock, within 8 inch: YES, End	00:10:10	8931	M 1
	137.00	Manhole, within 8 inch: NO, Remarks: 1654-0263	00:11:05	8932	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
3100	4131	3	44	47	3	1.16	1.21



Inspection report

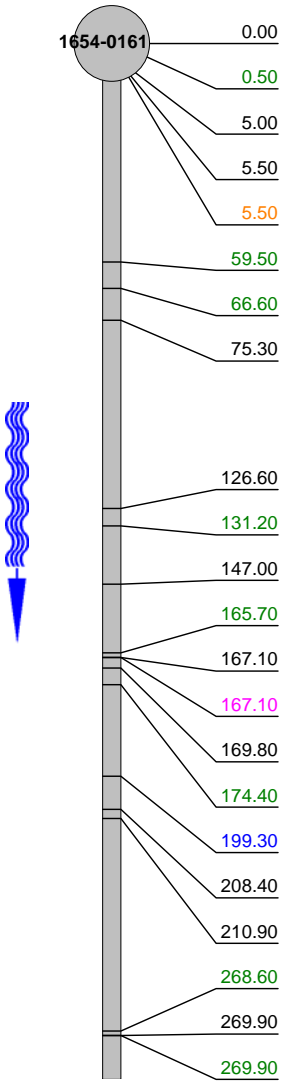
Date: 20100329	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1560	PSR: 69560
Total Pipe Length: 339.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/26/2010	Pre-Cleaned: Jetting	Map Grid #: 1654

Street: VIA LORENZO	Flow Control: Not Controlled	Start MH: 1654-0161
City: RPV	Year Renewed	End MH: 1654-0160
Location Code: Light Highway	Tape/Media #: G312-032	pipe length: 353.1 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length: 3.0
Drain. Area: 0160/1654-0161/1654	Lining Method:
	Category:

Remark::

1:627	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1654-0161	00:00:35	8597	
	0.50 S1	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, Start	00:1:10	8598, b	M 1
	5.00	Water Level, 5 %, within 8 inch: NO	00:01:47	8600	
	5.50	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:02:00	8601	
	5.50	Roots Medium Lateral, at 9 o'clock, 30 %, within 8 inch: NO	00:02:19	8602, b	M 3
	59.50 F1	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, End	00:04:03	8604	M 1
	66.60 S2	Roots Fine Joint, from 7 to 10 o'clock, within 8 inch: YES, Start	00:04:31	8605, b	M 1
	75.30	Tap Factory Capped, at 3 o'clock, 6", within 8 inch: NO	00:5:10	8607	
	126.60	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:06:57	8608	
	131.20 F2	Roots Fine Joint, from 7 to 10 o'clock, within 8 inch: YES, End	00:07:19	8609	M 1
	147.00	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:07:55	8610	
	165.70 S3	Roots Fine Joint, from 4 to 8 o'clock, within 8 inch: YES, Start	00:08:43	8611, b	M 1
	167.10	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:09:16	8613	
	167.10	Roots Ball Connection, from 6 to 9 o'clock, 55 %, within 8 inch: NO	00:09:35	8614, b	M 4
	169.80	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:10:19	8616	
	174.40 F3	Roots Fine Joint, from 4 to 8 o'clock, within 8 inch: YES, End	00:10:46	8617	M 1
	199.30	Fracture Circumferential, from 10 to 5 o'clock, within 8 inch: YES	00:11:39	8618, b	S 2
	208.40	Water Level, 15 %, within 8 inch: NO	00:12:12	8620	
	210.90	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:12:31	8621	
	268.60	Roots Fine Joint, from 2 to 4 o'clock, within 8 inch: YES	00:14:12	8622, b	M 1
	269.90	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:14:36	8624	
	269.90	Roots Fine Lateral, at 3 o'clock, within 8 inch: NO	00:14:50	8625, b	M 1





Inspection report

Date: 20100329	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1560	PSR: 69560
Total Pipe Length: 339.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/26/2010	Pre-Cleaned: Jetting	Map Grid #: 1654

1:627	position	observation	MPEG	photo	grade
	<u>292.10</u>	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	00:15:56	8627, b	M 1
	<u>293.70</u>	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:16:23	8629	
	<u>293.70</u>	Roots Fine Lateral, at 9 o'clock, within 8 inch: NO	00:16:42	8630, b	M 1
	<u>307.80</u> S4	Water Level Sag, 20 %, within 8 inch: NO, Start	00:17:33	8632, b	M 2
	<u>312.00</u> F4	Water Level Sag, 20 %, within 8 inch: NO, End	00:18:00	8634	M 2
	<u>312.00</u> S5	Roots Fine Joint, from 8 to 4 o'clock, within 8 inch: YES, Start	00:18:18	8635, b	M 1
	<u>341.50</u>	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:19:33	8637	
	<u>341.50</u>	Roots Fine Lateral, at 9 o'clock, within 8 inch: NO	00:19:46	8638, b	M 1
	<u>353.10</u> F5	Roots Fine Joint, from 8 to 4 o'clock, within 8 inch: YES, End	00:20:48	8640	M 1
	<u>353.10</u>	Manhole, within 8 inch: NO, Remarks: 1654-0160	00:21:21	8641	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
2100	4131	2	57	59	2	1.12	1.13



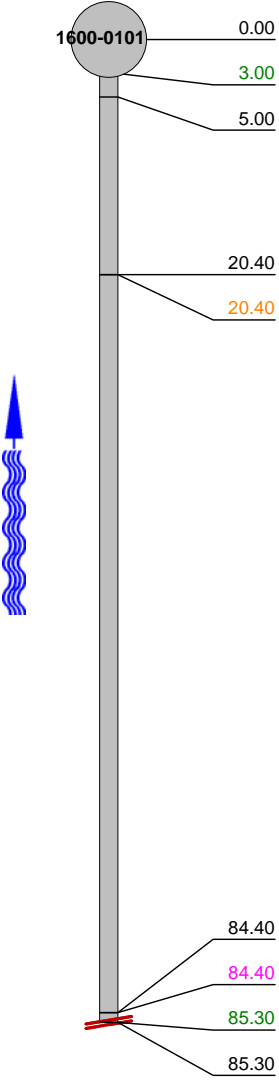
Inspection report

Date: 20100317	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1415	PSR: 71959
Total Pipe Length: 304.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/16/2010	Pre-Cleaned: Jetting	Map Grid #: 1600

Street: COOLHEIGHTS DR	Flow Control: Not Controlled	Start MH: 1600-0101
City: RPV	Year Renewed:	End MH: 1600-0102
Location Code: Light Highway	Tape/Media #: G312-024	pipe length: 85.3 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length: 5.0
Drain. Area: 0101/1600-0102/1600	Lining Method:
	Category:

Remark::

1:200	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1600-0101	00:00:30	6414	
	3.00 S1	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, Start	00:01:00	6415, b	M 1
	5.00	Water Level, 5 %, within 8 inch: NO	00:01:48	6417	
	20.40	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:02:19	6418	
	20.40	Roots Medium Lateral, at 3 o'clock, 25 %, within 8 inch: NO	00:02:50	6419, b	M 3
	84.40	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:04:51	6421	
	84.40	Roots Ball Connection, from 2 to 6 o'clock, 55 %, within 8 inch: NO	00:05:20	6422, b	M 4
	85.30 F1	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, End	00:06:25	6424	M 1
	85.30	Abandoned Survey, within 8 inch: NO, Remarks: CAMERA BLOCKED BY BALL RO	00:06:56	6425	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	4131	0	28	28	0	1.22	1.22



Inspection report

Date: 20100317	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1413	PSR: 71948
Total Pipe Length: 303.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/16/2010	Pre-Cleaned: Jetting	Map Grid #: 1600

Street: BENDIGO DR	Flow Control: Not Controlled	Start MH: 1600-0092
City: RPV	Year Renewed	End MH: 1600-0093
Location Code: Light Highway	Tape/Media #: G312-024	pipe length: 357.8 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length: 5.0
Drain. Area: 0092/1600-0093/1600	Lining Method:
	Category:

Remark::

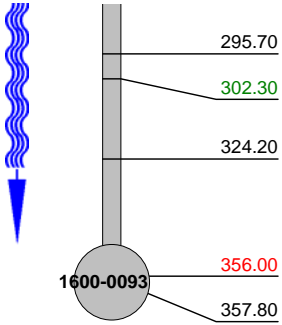
1:627	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1600-0092	00:00:36	6342	
	0.00	Water Level, 10 %, within 8 inch: NO	00:00:50	6343	
	1.20 S1	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, Start	00:01:11	6344, b	M 1
	15.70 F1	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, End	00:01:56	6346	M 1
	48.10	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:02:54	6347	
	48.10	Roots Medium Connection, from 6 to 9 o'clock, 25 %, within 8 inch: NO	00:03:42	6348, b	M 3
	54.20	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	00:04:26	6350, b	M 1
	55.10	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:04:50	6352	
	55.10	Roots Ball Connection, from 12 to 6 o'clock, 55 %, within 8 inch: NO	00:05:13	6353, b	M 4
	57.00	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	00:07:47	6355, b	M 1
	82.90 S2	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, Start	00:09:01	6357, b	M 1
	109.30	Roots Tap Joint, from 2 to 6 o'clock, 20 %, within 8 inch: YES	00:10:34	6359, b	M 2
	120.20	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:11:24	6361	
	120.20	Roots Fine Lateral, at 9 o'clock, within 8 inch: NO	00:11:37	6362, b	M 1
	162.70	Crack Circumferential, from 8 to 10 o'clock, within 8 inch: YES	00:13:04	6364, b	S 1
	162.70	Crack Circumferential, from 1 to 5 o'clock, within 8 inch: YES	00:13:21	6366, b	S 1
	169.30	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:14:08	6368	
	213.10	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:15:21	6369	
	213.10	Roots Fine Lateral, at 3 o'clock, within 8 inch: NO	00:15:34	6370, b	M 1
	226.10	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:16:46	6372	
	244.00	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:17:32	6373	
	257.10	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:18:09	6374	
	263.60 F2	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, End	00:18:38	6375	M 1



Inspection report

Date: 20100317	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1413	PSR: 71948
Total Pipe Length: 303.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/16/2010	Pre-Cleaned: Jetting	Map Grid #: 1600

1:627	position	observation	MPEG	photo	grade
	295.70	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:19:42	6376	
	302.30	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	00:20:12	6377, b	M 1
	324.20	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:21:08	6379	
	356.00	Broken Void Visible, from 4 to 8 o'clock, within 8 inch: YES	00:23:08	6380, b	S 5
	357.80	Manhole, within 8 inch: NO, Remarks: 1600-0093	00:23:56	6382	



QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
5112	4131	7	63	70	2.33	1.11	1.17



Inspection report

Date: 20100315	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1399	PSR: 72016
Total Pipe Length: 196.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/12/2010	Pre-Cleaned: Jetting	Map Grid #: 1600

Street: EASEMENT	Flow Control: Not Controlled	Start MH: 1600-0051
City: RPV	Year Renewed:	End MH: 1600-0052
Location Code: Easement/Right of Way	Tape/Media #: G312-023	pipe length: 195.4 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length: 5.0
Drain. Area: 0051/1600-0052/1600	Lining Method:
	Category:

Remark::

1:450	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1600-0051	00:00:39	5984	
	5.00	Water Level, 10 %, within 8 inch: NO	00:01:24	5985	
	13.30	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:02:01	5986	
	34.10	Water Level, 15 %, within 8 inch: NO	00:02:46	5987	
	36.60	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:03:06	5988	
	42.50	Water Level, 10 %, within 8 inch: NO	00:03:23	5989	
	<u>42.50</u>	Obstacle Construction Debris, from 5 to 7 o'clock, 15 %, within 8 inch: NO, Remarks: ASPHALT	00:03:58	5990, b	M 3
	45.20	Water Level, 10 %, within 8 inch: NO	00:04:32	5992	
	46.10	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:04:52	5993	
	<u>50.80</u>	Roots Fine Joint, at 10 o'clock, within 8 inch: YES	00:05:18	5994, b	M 1
	<u>61.20</u>	Crack Circumferential, from 1 to 4 o'clock, within 8 inch: YES	00:06:13	5996, b	S 1
	72.90	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:06:52	5998	
	<u>72.90</u>	Roots Ball Lateral, at 9 o'clock, 55 %, within 8 inch: NO	00:07:13	5999, b	M 4
	193.10	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	00:10:03	6001, b	M 1
195.40	Manhole, within 8 inch: NO, Remarks: 1600-0052, BURIED	00:11:54	6003		

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
1100	4131	1	9	10	1	2.25	2



Inspection report

Date: 20100311	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1365	PSR: 71997
Total Pipe Length: 318.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/10/2010	Pre-Cleaned: Jetting	Map Grid #: 1600

Street: DAUNTLESS DR	Flow Control: Not Controlled	Start MH: 1600-0033
City: RPV	Year Renewed:	End MH: 1600-0032
Location Code: Light Highway	Tape/Media #: G312-021	pipe length: 324.7 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length: 3.0
Drain. Area: 0032/1600-0033/1600	Lining Method:
	Category:

Remark::

1:725	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1600-0033	00:00:41	5359	
	0.00	Water Level, 10 %, within 8 inch: NO	00:00:56	5360	
	6.70	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	00:01:28	5361, b	S 3
	6.70	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	00:01:38	5363, b	M 1
	10.20	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	00:02:15	5365, b	S 3
	10.20	Roots Tap Joint, from 7 to 10 o'clock, 20 %, within 8 inch: YES	00:02:35	5367, b	M 2
	20.50 S1	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, Start	00:03:34	5369, b	M 1
	20.50 S2	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES, Start	00:03:45	5371, b	S 3
	39.10	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:04:39	5373	
	39.10	Roots Fine Connection, from 7 to 9 o'clock, within 8 inch: NO	00:05:01	5374, b	M 1
	77.10	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:06:25	5376	
	77.10	Roots Ball Connection, from 3 to 6 o'clock, 55 %, within 8 inch: NO	00:06:53	5377, b	M 4
	187.40	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:10:12	5379	
	187.40	Roots Fine Lateral, at 9 o'clock, within 8 inch: NO	00:10:24	5380, b	M 1
	235.50	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:12:04	5382	
	235.50	Roots Medium Connection, from 3 to 6 o'clock, 25 %, within 8 inch: NO	00:12:21	5383, b	M 3
	273.60	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:13:51	5385	
	324.70 F1	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, End	00:19:27	5386	M 1
	324.70 F2	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES, End	00:19:39	5387	S 3
	324.70	Manhole, within 8 inch: NO, Remarks: 1600-0032	00:20:24	5388	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
3Q00	4131	234	88	322	3	1.07	2.01



Inspection report

Date: 20100305	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1317	PSR: 75297
Total Pipe Length: 350.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/04/2010	Pre-Cleaned: Jetting	Map Grid #: 1546

Street: EASEMENT	Flow Control: Not Controlled	Start MH: 1546-0171
City: RPV	Year Renewed	End MH: 1546-0172
Location Code: Easement/Right of Way	Tape/Media #: G312-017	pipe length: 271.7 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length: 5.0
Drain. Area: 0171/1546-0172/1546	Lining Method:
	Category:

Remark::

1:625	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1546-0171	00:00:30	4128	
	5.00	Water Level, within 8 inch: NO	00:02:57	4129	
	5.10	Tap Factory Defective, at 3 o'clock, 4", 2, within 8 inch: NO	00:03:16	4130, b	M 2
	5.10	Roots Tap Lateral, at 3 o'clock, 15 %, within 8 inch: NO	00:03:27	4132, b	M 2
	80.80	S1 Roots Fine Joint, from 3 to 7 o'clock, within 8 inch: YES, Start	00:06:17	4134, b	M 1
	99.20	Deposits Ingressed Fine, from 5 to 7 o'clock, 10 %, within 8 inch: NO, Remarks: SAND	00:07:28	4136, b	M 2
	113.70	Deposits Ingressed Fine, from 5 to 7 o'clock, 10 %, within 8 inch: NO, Remarks: SAND	00:08:42	4138, b	M 2
	128.40	F1 Roots Fine Joint, from 3 to 7 o'clock, within 8 inch: YES, End	00:09:47	4140	M 1
	138.80	S2 Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, Start	00:10:32	4141, b	M 1
	174.40	Tap Factory Active, at 3 o'clock, 4", within 8 inch: NO	00:12:51	4143	
	174.40	Roots Tap Lateral, at 3 o'clock, 20 %, within 8 inch: NO	00:13:05	4144, b	M 2
	175.60	F2 Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, End	00:13:31	4146	M 1
	196.70	S3 Roots Fine Joint, from 7 to 9 o'clock, within 8 inch: YES, Start	00:14:33	4147, b	M 1
	246.40	Roots Medium Barrel, from 3 to 8 o'clock, 25 %, within 8 inch: NO	00:16:41	4149, b	M 4
	268.30	F3 Roots Fine Joint, from 7 to 9 o'clock, within 8 inch: YES, End	00:18:24	4151	M 1
	271.70	Crack Circumferential, from 7 to 10 o'clock, within 8 inch: YES	00:19:19	4152	S 1
	271.70	Roots Medium Joint, from 2 to 6 o'clock, 25 %, within 8 inch: YES	00:19:46	4153, b	M 3
	271.70	Abandoned Survey, within 8 inch: NO, Remarks: COMPLETES INSPECTION OF E	00:20:13	4155	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
1100	4131	1	56	57	1	1.22	1.21



Inspection report

Date: 20100305	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1308	PSR: 75291
Total Pipe Length: 136.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/04/2010	Pre-Cleaned: Jetting	Map Grid #: 1546

Street: EASEMENT	Flow Control: Not Controlled	Start MH: 1546-0165
City: RPV	Year Renewed:	End MH: 1546-0166
Location Code: Easement/Right of Way	Tape/Media #: G312-017	pipe length: 134.5 ft
Reason for inspection: Routine Assessment	Dia/Height: Circular 8"	
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length: 5.0	
Drain. Area: 0165/1546-0166/1546	Lining Method:	
	Category:	

Remark::

1:300	position	observation	MPEG	photo	grade		
	0.00	Manhole, within 8 inch: NO, Remarks: 1546-0165	00:00:41	3975			
	4.00	Tap Break-in Intruding, at 9 o'clock, 20 %, 6", 2, within 8 inch: NO, Remarks: 1" intrusion	00:02:05	3976, b	M 3		
	5.00	Water Level, 10 %, within 8 inch: NO	00:04:44	3978			
	40.20	S1 Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, Start	00:06:16	3979, b	M 1		
	61.40	Roots Medium Barrel, from 5 to 7 o'clock, 25 %, within 8 inch: NO	00:07:30	3981, b	M 4		
	115.70	Tap Factory Active, at 9 o'clock, 4", within 8 inch: NO	00:09:30	3983			
	131.30	F1 Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, End	00:10:18	3984	M 1		
	134.50	Manhole, within 8 inch: NO, Remarks: 1546-0166	00:12:00	3985			
QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	4131	0	30	30	0	1.2	1.2



Inspection report

Date: 20100303	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1284	PSR: 75299
Total Pipe Length: 275.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/02/2010	Pre-Cleaned: Jetting	Map Grid #: 1546

Street: EASEMENT	Flow Control: Not Controlled	Start MH: 1546-0113
City: RPV	Year Renewed:	End MH: 1546-0112
Location Code: Easement/Right of Way	Tape/Media #: G312-015	pipe length: 165.2 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length: 5.0
Drain. Area: 0112/1546-0113/1546	Lining Method:
	Category:

Remark::

1:375	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1546-0113	00:01:21	3561	
	2.00 S1	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, Start	00:02:04	3562, b	M 1
	5.00	Water Level, 5 %, within 8 inch: NO	00:03:01	3564	
	60.80	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:04:48	3565	
	60.80	Roots Medium Connection, from 7 to 9 o'clock, 25 %, within 8 inch: NO	00:05:11	3566, b	M 3
	152.60	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:08:06	3568	
	156.50	Water Level, 45 %, within 8 inch: NO, Remarks: POSSIBLE SIPHON	00:10:05	3569	
	160.30	Camera Underwater, within 8 inch: NO	00:10:47	3570	M 4
	165.20	General Observation, within 8 inch: NO, Remarks: POSSIBLE SIPHON	00:11:40	3571	
	165.20 F1	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, End	00:12:10	3572	M 1
	165.20	Abandoned Survey, within 8 inch: NO, Remarks: CAMERA BLOCKED BY SIPHON,	00:12:31	3573	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	4131	0	48	48	0	1.12	1.12



Inspection report

Date: 20100223	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1219	PSR: 76396
Total Pipe Length: 273.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 02/22/2010	Pre-Cleaned: Jetting	Map Grid #: 1546

Street: RHONE DR	Flow Control: Not Controlled	Start MH: 1546-0030
City: RPV	Year Renewed:	End MH: 1545-0038
Location Code: Light Highway	Tape/Media #: G312-009	pipe length: 227 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length: 3.0
Drain. Area: 0030/1546-0038/1545	Lining Method:
	Category:

Remark::

1:525	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1546-0030	00:00:34	2486	
	2.00	Water Level, 15 %, within 8 inch: NO	00:00:52	2487	
	2.30	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	00:01:16	2488, b	M 1
	6.70	Water Level, 10 %, within 8 inch: NO, Remarks: flow held by tissue debri	00:02:07	2490	
	12.70	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	00:02:39	2491, b	M 1
	36.90 S1	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, Start	00:03:49	2493, b	M 1
	83.00	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:05:26	2496	
	83.00	Roots Medium Lateral, at 3 o'clock, 30 %, within 8 inch: NO	00:05:38	2497, b	M 3
	91.10 F1	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, End	00:06:28	2499	M 1
	101.70 S2	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, Start	00:07:06	2500, b	M 1
	196.50	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:10:22	2502	
	196.50	Roots Ball Connection, from 1 to 6 o'clock, 55 %, within 8 inch: NO	00:10:41	2503, b	M 4
	225.50 F2	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, End	00:12:03	2505	M 1
	227.00	Manhole, within 8 inch: NO, Remarks: 1545-0038	00:12:23	2506	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	4131	0	54	54	0	1.1	1.1



Inspection report

Date: 20100215	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1130	PSR: 72030
Total Pipe Length: 300.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 02/15/2010	Pre-Cleaned: Jetting	Map Grid #: 1599

Street: EASEMENT	Flow Control: Not Controlled	Start MH: 1599-0109
City: RPV	Year Renewed	End MH: 1599-0108
Location Code: Easement/Right of Way	Tape/Media #: G312-003	pipe length: 210.6 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length: 3.0
Drain. Area: 0108/1599-0109/1599	Lining Method:
	Category:

Remark::

1:475	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1599-0109, BURIED UMH	00:00:38	849	
	0.00	Water Level, 15 %, within 8 inch: NO	00:00:48	850	
	31.60	Tap Factory Capped, at 9 o'clock, 6", within 8 inch: NO	00:03:09	851	
	59.80	Fracture Circumferential, from 3 to 7 o'clock, within 8 inch: YES	00:04:57	852, b	S 2
	104.60	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, Start	00:06:59	854, b	M 1
	116.30	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:08:06	857	
	116.30	Roots Medium Connection, from 6 to 9 o'clock, 30 %, within 8 inch: NO	00:08:21	858, b	M 3
	131.40	Crack Circumferential, from 2 to 10 o'clock, within 8 inch: YES	00:10:10	860, b	S 1
	210.30	Water Level, 15 %, within 8 inch: NO, Remarks: NO SAG FOUND, FLOW HELD B	00:15:19	862	
	210.30	Roots Ball Joint, from 1 to 7 o'clock, 60 %, within 8 inch: YES	00:15:41	863, b	M 4
	210.60	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, End	00:16:18	865	M 1
	210.60	Abandoned Survey, within 8 inch: NO, Remarks: CAMERA BLOCKED BY BALL RO	00:17:48	866	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
2111	4131	3	33	36	1.5	1.18	1.2



Inspection report

Date: 20100215	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1127	PSR: 72033
Total Pipe Length: 112.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 02/15/2010	Pre-Cleaned: Jetting	Map Grid #: 1599

Street: EASEMENT	Flow Control: Not Controlled	Start MH: 1599-0112
City: RPV	Year Renewed:	End MH: 1599-0111
Location Code: Easement/Right of Way	Tape/Media #: G312-003	pipe length: 111.3 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0111/1599-0112/1599	Lining Method:
	Category:

Remark::

1:250	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1599-0112	00:00:34	742	
	3.00	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	00:01:20	743, b	M 1
	3.00	Deposits Ingressed Fine, from 5 to 7 o'clock, 15 %, within 8 inch: NO	00:01:52	745, b	M 3
	5.00	Water Level, 10 %, within 8 inch: NO	00:02:26	747	
	23.50	Crack Multiple, from 9 to 3 o'clock, within 8 inch: YES	00:03:30	748, b	S 3
	37.20	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	00:04:31	750, b	S 3
	37.20	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	00:04:45	752, b	M 1
	82.00	Roots Fine Joint, from 12 to 5 o'clock, within 8 inch: YES	00:06:41	754, b	M 1
	82.00	Crack Circumferential, from 2 to 3 o'clock, within 8 inch: YES	00:07:03	756, b	S 1
	88.80	Roots Fine Joint, from 8 to 9 o'clock, within 8 inch: YES	00:07:55	758, b	M 1
	99.20	Crack Circumferential, from 9 to 10 o'clock, within 8 inch: YES	00:09:01	760, b	S 1
	99.20	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	00:09:12	762, b	M 1
	100.60	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:09:40	764	
	101.60	Roots Fine Joint, from 3 to 5 o'clock, within 8 inch: YES	00:10:11	765, b	M 1
	103.00	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:10:41	767	
	103.00	Roots Ball Lateral, at 3 o'clock, 55 %, within 8 inch: NO	00:10:59	768, b	M 4
	107.80	General Observation, within 8 inch: NO, Remarks: JOINT LENGTH 3'	00:11:39	770	
	107.80	Roots Fine Joint, from 7 to 3 o'clock, within 8 inch: YES	00:11:59	771, b	M 1
	110.00	Fracture Circumferential, from 7 to 6 o'clock, within 8 inch: NO	00:12:45	773, b	S 2
	111.30	Manhole, within 8 inch: NO, Remarks: 1599-0111	00:13:28	775	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
3221	4131	10	14	24	2	1.56	1.71



Inspection report

Date: 20100406	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Martin Garcia	section number: 1000	PSR: 69566
Total Pipe Length: 149.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 04/05/2010	Pre-Cleaned: Jetting	Map Grid #: 1654

Street: EASEMENT	Flow Control: Not Controlled	Start MH: 1654-0168
City: RPV	Year Renewed:	End MH: 1654-0166
Location Code: Easement/Right of Way	Tape/Media #: M315-007	pipe length: 148 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0168/1654-0166/1654	Lining Method:
	Category:

Remark::

1:350	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1654-0168 ROOTS IN MANH	00:00:23	3588	
	5.00	Water Level, 10 %, within 8 inch: NO	00:02:39	3589	
	132.10	Crack Circumferential, from 4 to 6 o'clock, within 8 inch: YES	00:07:01	3590, b	S 1
	136.40	Tap Break-in, at 10 o'clock, 6", within 8 inch: NO	00:08:34	3592	
	136.40	Roots Ball Lateral, at 10 o'clock, 95 %, within 8 inch: NO	00:08:53	3593	M 4
	136.40	Roots Medium Connection, at 10 o'clock, 40 %, within 8 inch: NO	00:09:09	3594	M 3
	148.00	Joint Offset Large, within 8 inch: YES	00:10:10	3595	S 2
	148.00	Roots Fine Joint, from 10 to 3 o'clock, within 8 inch: YES	00:10:22	3596	M 1
	148.00	Abandoned Survey, within 8 inch: NO, Remarks: INSPECTION COMPLETE WITH	00:10:46	3597	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
2111	4131	3	8	11	1.5	2.67	2.2



Inspection report

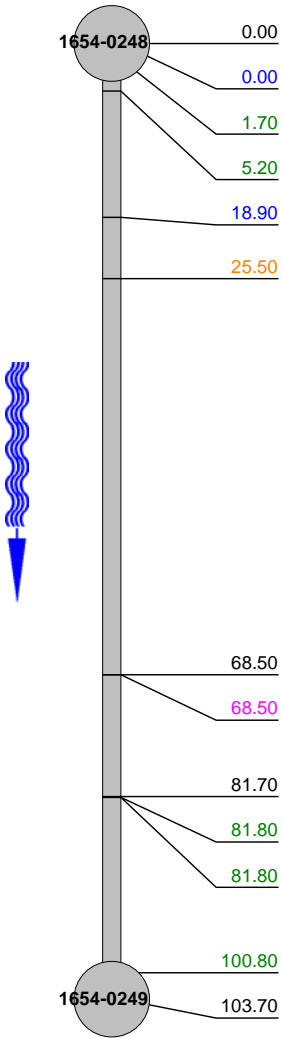
Date: 20100331	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Martin Garcia	section number: 955	PSR: 69532
Total Pipe Length: 103.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/29/2010	Pre-Cleaned: Jetting	Map Grid #: 1654

Street: EASEMENT	Flow Control: Not Controlled	Start MH: 1654-0248
City: RPV	Year Renewed:	End MH: 1654-0249
Location Code: Easement/Right of Way	Tape/Media #: M315-005	pipe length: 103.7 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0248/1654-0249/1654	Lining Method:
	Category:

Remark::

1:250	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1654-0248	00:00:43	3028	
	0.00	Alignment Down, 15 %, within 8 inch: NO	00:00:54	3029	M 2
	1.70 S1	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, Start	00:01:14	3030, b	M 1
	5.20	Crack Circumferential, from 11 to 1 o'clock, within 8 inch: YES	00:02:10	3034, b	S 1
	18.90	Crack Longitudinal, at 5 o'clock, within 8 inch: YES	00:03:29	3036	S 2
	25.50	Roots Medium Joint, from 8 to 4 o'clock, 40 %, within 8 inch: YES	00:04:02	3037, b	M 3
	68.50	Tap Factory Active, at 3 o'clock, 4", within 8 inch: NO	00:40:19	3039	
	68.50	Roots Ball Lateral, at 3 o'clock, 70 %, within 8 inch: NO	00:40:32	3040	M 4
	81.70	Tap Break-in Active, at 10 o'clock, 4", within 8 inch: NO	00:41:29	3041	
	81.80	Roots Fine Lateral, at 10 o'clock, within 8 inch: NO	00:41:39	3042	M 1
	81.80	Roots Fine Connection, at 10 o'clock, within 8 inch: NO	00:41:55	3043	M 1
	100.80 F1	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, End	00:42:54	3044	M 1
	103.70	Manhole, within 8 inch: NO, Remarks: 1654-0249	00:43:17	3045	



QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
2111	4131	3	36	39	1.5	1.2	1.22



Inspection report

Date: 20100330	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Martin Garcia	section number: 922	PSR: 69260
Total Pipe Length: 177.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/07/2010	Pre-Cleaned: Jetting	Map Grid #: 1654

Street: DELADIER DR	Flow Control: Not Controlled	Start MH: 1654-0555
City: RPV	Year Renewed:	End MH: 1654-0554
Location Code: Light Highway	Tape/Media #: M315-004	pipe length: 203.5 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0555/1654-0554/1654	Lining Method:
	Category:

Remark::

1:475	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1654-0555	00:00:26	2637	
	0.00	Alignment Down, 30 %, within 8 inch: NO	00:00:38	2638	M 4
	0.00	Water Level, 10 %, within 8 inch: NO	00:00:45	2639	
	12.40	Crack Circumferential, from 11 to 3 o'clock, within 8 inch: YES	00:01:26	2640, b	S 1
	16.50	Alignment Left, 10 %, within 8 inch: NO	00:01:54	2642	M 1
	59.20	Alignment Left, 10 %, within 8 inch: NO	00:03:08	2643	M 1
	69.30	Alignment Left, 15 %, within 8 inch: NO	00:03:30	2644	M 2
	78.00	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:03:56	2645	
	105.60	Alignment Left, 15 %, within 8 inch: NO	00:04:49	2646	M 2
	136.80	Alignment Left, 10 %, within 8 inch: NO	00:05:45	2647	M 1
	152.20	Alignment Down, 15 %, within 8 inch: NO	00:06:17	2648	M 2
	162.20	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:06:45	2649	
	168.00	Roots Fine Joint, from 8 to 11 o'clock, within 8 inch: YES	00:07:09	2650, b	M 1
	168.80	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:07:34	2652	
	168.80	Roots Medium Connection, at 9 o'clock, 45 %, within 8 inch: NO	00:07:53	2653, b	M 3
	203.50	Manhole, within 8 inch: NO, Remarks: 1654-0554	00:09:22	2655	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
1100	4131	1	17	18	1	1.89	1.8



Inspection report

Date: 20100326	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Martin Garcia	section number: 905	PSR: 69202
Total Pipe Length: 300.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/07/2010	Pre-Cleaned: Jetting	Map Grid #: 1655

Street: Private Rd	Flow Control: Not Controlled	Start MH: 1655-0057
City: RPV	Year Renewed:	End MH: 1655-0042
Location Code: Light Highway	Tape/Media #: M315-002	pipe length: 301.6 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0057/1655-0042/1655	Lining Method:
	Category:

Remark::

1:675	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1655-0057	00:00:24	2461	
	3.00	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:01:14	2462	
	6.00	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:02:00	2463	
	34.30	Water Level, 5 %, within 8 inch: NO	00:03:02	2464	
	237.90	Roots Medium Joint, from 6 to 9 o'clock, 25 %, within 8 inch: YES	00:08:45	2465, b	M 3
	262.30	Roots Ball Joint, from 12 to 3 o'clock, 55 %, within 8 inch: YES	00:11:15	2467, b	M 4
	301.60	Manhole, within 8 inch: NO, Remarks: 1655-0042	00:13:25	2469	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	4131	0	7	7	0	3.5	3.5



Inspection report

Date: 20100303	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 839	PSR: 75327
Total Pipe Length: 97.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 02/26/2010	Pre-Cleaned: Jetting	Map Grid #: 1546

Street: EASEMENT	Flow Control: Not Controlled	Start MH: 1546-0083
City: RPV	Year Renewed:	End MH: 1546-0084
Location Code: Easement/Right of Way	Tape/Media #: R315-018	pipe length: 92.3 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0083/1546-0084/1546	Lining Method:
	Category:

Remark::

1:225	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1546-0083	00:00:31	1324	
	6.20	Water Level, 5 %, within 8 inch: NO	00:01:19	1325	
	23.40	General Observation, within 8 inch: NO, Remarks: Pipe Joint Length 5'	00:02:15	1326	
	32.50	Roots Medium Joint, from 4 to 6 o'clock, 20 %, within 8 inch: YES	00:03:03	1327, b	M 3
	39.20	Roots Medium Joint, from 6 to 10 o'clock, 35 %, within 8 inch: YES	00:04:15	1329, b	M 3
	53.50	Roots Fine Joint, from 8 to 10 o'clock, within 8 inch: YES	00:05:20	1331, b	M 1
	80.70	Roots Fine Joint, from 12 to 3 o'clock, within 8 inch: YES	00:06:48	1333, b	M 1
	92.30	Roots Ball Connection, from 11 to 12 o'clock, 65 %, within 8 inch: NO	00:09:26	1335	M 4

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	4132	0	12	12	0	2.4	2.4



Inspection report

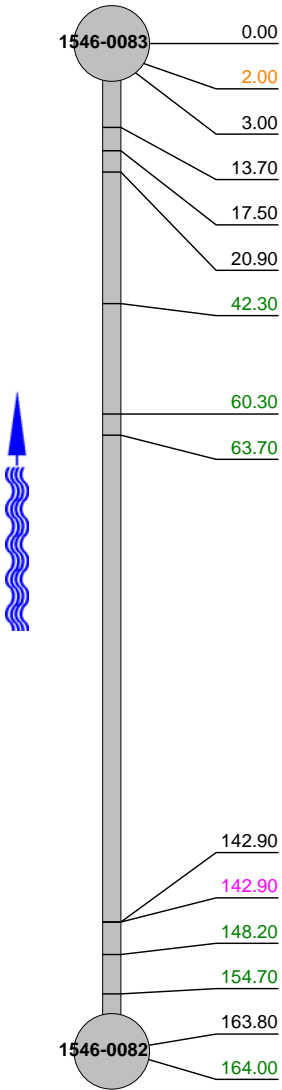
Date: 20100303	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 837	PSR: 75326
Total Pipe Length: 168.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 02/26/2010	Pre-Cleaned: Jetting	Map Grid #: 1546

Street: EASEMENT	Flow Control: Not Controlled	Start MH: 1546-0083
City: RPV	Year Renewed	End MH: 1546-0082
Location Code: Easement/Right of Way	Tape/Media #: R315-018	pipe length: 164 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0082/1546-0083/1546	Lining Method:
	Category:

Remark::

1:375	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1546-0083	00:00:39	1292	
	2.00	Roots Medium Joint, from 7 to 9 o'clock, 20 %, within 8 inch: YES	00:02:25	1293, b	M 3
	3.00	Tap Factory Active, at 12 o'clock, 4", within 8 inch: NO	00:03:06	1295	
	13.70	Tap Factory Capped, at 3 o'clock, 6", within 8 inch: NO	00:08:00	1296	
	17.50	Water Level, 5 %, within 8 inch: NO	00:08:53	1297	
	20.90	General Observation, within 8 inch: NO, Remarks: Pipe Joint Length 3'	00:09:39	1298	
	42.30	Roots Fine Joint, at 12 o'clock, within 8 inch: YES	00:10:33	1299, b	M 1
	60.30 S1	Roots Fine Joint, from 12 to 4 o'clock, within 8 inch: YES, Start	00:11:37	1301, b	M 1
	63.70 F1	Roots Fine Joint, from 12 to 4 o'clock, within 8 inch: YES, End	00:12:10	1303, b	M 1
	142.90	Tap Factory Active, at 2 o'clock, 4", within 8 inch: NO	00:15:05	1305	
	142.90	Roots Ball Connection, at 2 o'clock, 90 %, within 8 inch: NO	00:15:22	1306, b	M 4
	148.20	Roots Fine Joint, from 8 to 4 o'clock, within 8 inch: YES	00:16:07	1308, b	M 1
	154.70 S2	Roots Fine Joint, at 9 o'clock, within 8 inch: YES, Start	00:16:48	1310, b	M 1
	163.80	Manhole, within 8 inch: NO, Remarks: 1546-0082	00:18:43	1312	
	164.00 F2	Roots Fine Joint, at 9 o'clock, within 8 inch: YES, End	00:17:22	1313, b	M 1





Inspection report

Date: 20100223	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 751	PSR: 76324
Total Pipe Length: 255.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 02/19/2010	Pre-Cleaned: Jetting	Map Grid #: 1545

Street: CARTIER DR	Flow Control: Not Controlled	Start MH: 1545-0077
City: RPV	Year Renewed	End MH: 1545-0078
Location Code: Light Highway	Tape/Media #: R315-012	pipe length: 241 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0077/1545-0078/1545	Lining Method:
	Category:

Remark::

1:550	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1545-0077	00:00:27	394	
	6.80	Water Level, 5 %, within 8 inch: NO	00:01:29	395	
	11.80	General Observation, within 8 inch: NO, Remarks: Pipe Joint Length 5'	00:01:58	396	
	17.60	Roots Fine Joint, at 10 o'clock, within 8 inch: YES	00:02:21	397, b	M 1
	22.60 S1	Roots Fine Joint, from 3 to 9 o'clock, within 8 inch: YES, Start	00:02:52	399, b	M 1
	85.00	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:04:44	401	
	85.00	Roots Medium Connection, at 9 o'clock, 45 %, within 8 inch: NO	00:05:07	402, b	M 3
	86.10 F1	Roots Fine Joint, from 3 to 9 o'clock, within 8 inch: YES, End	00:06:33	404, b	M 1
	101.30	Roots Fine Joint, from 2 to 9 o'clock, within 8 inch: YES	00:07:21	406, b	M 1
	116.70	Roots Fine Joint, from 3 to 7 o'clock, within 8 inch: YES	00:08:09	408, b	M 1
	132.70	Roots Fine Joint, from 12 to 7 o'clock, within 8 inch: YES	00:09:04	410, b	M 1
	137.10 S2	Roots Fine Joint, at 8 o'clock, within 8 inch: YES, Start	00:09:39	412, b	M 1
	142.00 F2	Roots Fine Joint, at 8 o'clock, within 8 inch: YES, End	00:10:06	414, b	M 1
	158.90	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:11:11	416	
	158.90	Roots Ball Lateral, at 9 o'clock, 95 %, within 8 inch: NO	00:11:33	417, b	M 4
	159.80 S3	Roots Fine Joint, from 3 to 9 o'clock, within 8 inch: YES, Start	00:12:04	419, b	M 1
	172.10 F3	Roots Fine Joint, from 3 to 9 o'clock, within 8 inch: YES, End	00:12:42	421, b	M 1
	178.10	Roots Fine Joint, at 4 o'clock, within 8 inch: YES	00:13:17	423, b	M 1
	187.60	Crack Multiple, from 10 to 4 o'clock, within 8 inch: YES	00:14:31	425, b	S 3
	187.60	Roots Fine Joint, from 4 to 8 o'clock, within 8 inch: YES	00:14:50	427, b	M 1
198.00 S4	Roots Fine Joint, from 3 to 9 o'clock, within 8 inch: YES, Start	00:15:39	429, b	M 1	
228.20 F4	Roots Fine Joint, from 3 to 9 o'clock, within 8 inch: YES, End	00:16:48	431, b	M 1	
241.00	Manhole, within 8 inch: NO, Remarks: 1545-0078	00:18:13	433		

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
3100	4131	3	41	44	3	1.14	1.19



Inspection report

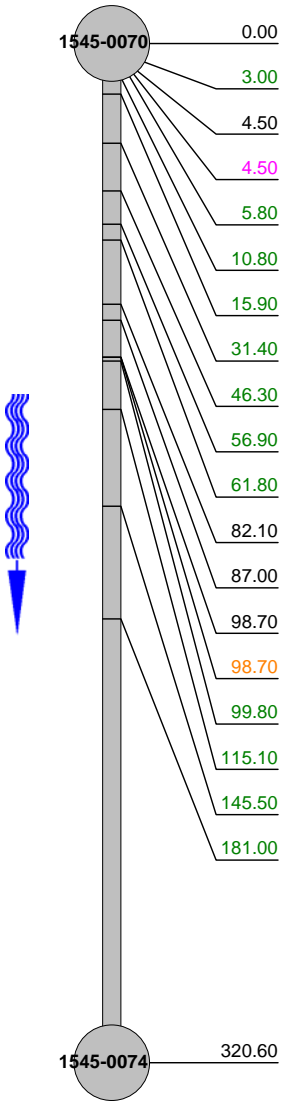
Date: 20100223	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 747	PSR: 76317
Total Pipe Length: 352.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 02/19/2010	Pre-Cleaned: Jetting	Map Grid #: 1545

Street: SATTES DR	Flow Control: Not Controlled	Start MH: 1545-0070
City: RPV	Year Renewed:	End MH: 1545-0074
Location Code: Light Highway	Tape/Media #: R315-012	pipe length: 320.6 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0070/1545-0074/1545	Lining Method:
	Category:

Remark::

1:725	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1545-0070	00:00:39	301	
	3.00	Roots Fine Joint, at 7 o'clock, within 8 inch: YES	00:01:19	302, b	M 1
	4.50	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:02:01	304	
	4.50	Roots Ball Connection, at 9 o'clock, 65 %, within 8 inch: NO	00:02:17	305, b	M 4
	5.80	Roots Fine Joint, at 8 o'clock, within 8 inch: YES	00:03:16	307, b	M 1
	10.80 S1	Roots Fine Joint, from 8 to 4 o'clock, within 8 inch: YES, Start	00:03:46	309, b	M 1
	15.90 F1	Roots Fine Joint, from 8 to 4 o'clock, within 8 inch: YES, End	00:04:29	311, b	M 1
	31.40 S2	Roots Fine Joint, from 11 to 3 o'clock, within 8 inch: YES, Start	00:05:27	313, b	M 1
	46.30 F2	Roots Fine Joint, from 11 to 3 o'clock, within 8 inch: YES, End	00:06:07	315, b	M 1
	56.90	Roots Fine Joint, at 5 o'clock, within 8 inch: YES	00:06:47	317, b	M 1
	61.80	Roots Fine Joint, at 5 o'clock, within 8 inch: YES	00:07:17	319, b	M 1
	82.10	Water Level, 5 %, within 8 inch: NO	00:08:05	321	
	87.00	General Observation, within 8 inch: NO, Remarks: Pipe Joint Length 5'	00:08:41	322	
	98.70	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:09:12	323	
	98.70	Roots Medium Lateral, at 9 o'clock, 30 %, within 8 inch: NO	00:09:30	324, b	M 3
	99.80	Roots Fine Joint, from 8 to 10 o'clock, within 8 inch: YES	00:10:06	326, b	M 1
	115.10	Roots Fine Joint, at 12 o'clock, within 8 inch: YES	00:11:03	328, b	M 1
	145.50	Roots Fine Joint, at 10 o'clock, within 8 inch: YES	00:12:10	330, b	M 1
	181.00	Roots Fine Joint, at 2 o'clock, within 8 inch: YES	00:13:21	332, b	M 1
	320.60	Manhole, within 8 inch: NO, Remarks: 1545-0074	00:16:56	334	



QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	4131	0	20	20	0	1.33	1.33



Inspection report

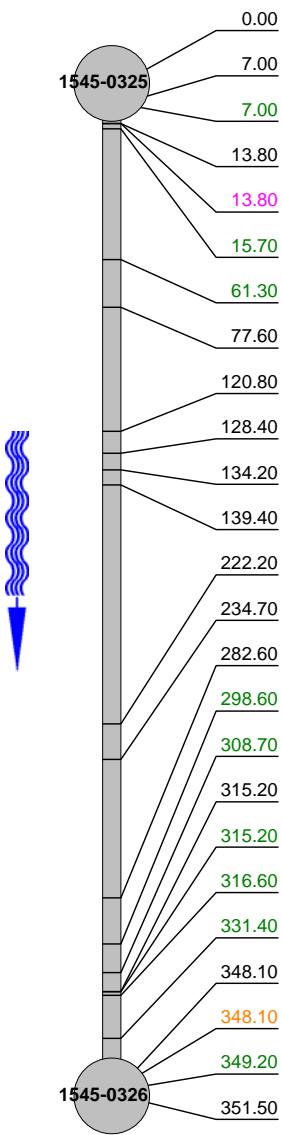
Date: 20100208	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 547	PSR: 76029
Total Pipe Length: 375.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 02/08/2010	Pre-Cleaned: Jetting	Map Grid #: 1545

Street: STONECREST RD	Flow Control: Not Controlled	Start MH: 1545-0325
City: RPV	Year Renewed	End MH: 1545-0326
Location Code: Light Highway	Tape/Media #: R001	pipe length: 351.5 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0325/1545-0326/1545	Lining Method:
	Category:

Remark::

1:800	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1545-0325	00:00:28	290	
	7.00	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:01:21	291	
	7.00	Roots Fine Lateral, at 3 o'clock, within 8 inch: NO	00:01:40	292, b	M 1
	13.80	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:02:13	294	
	13.80	Roots Ball Connection, at 9 o'clock, 85 %, within 8 inch: NO	00:02:25	295, b	M 4
	15.70	Roots Fine Joint, at 9 o'clock, within 8 inch: YES	00:02:51	297, b	M 1
	61.30	Roots Fine Joint, at 5 o'clock, within 8 inch: YES	00:04:19	299, b	M 1
	77.60	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:05:06	301	
	120.80	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:06:21	302	
	128.40	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:06:49	303	
	134.20	Water Level, 5 %, within 8 inch: NO	00:07:08	304	
	139.40	General Observation, within 8 inch: NO, Remarks: Pipe Joint Length 5'	00:07:34	305	
	222.20	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:09:41	306	
	234.70	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:10:18	307	
	282.60	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:11:46	308	
	298.60	Roots Fine Joint, at 10 o'clock, within 8 inch: YES, Start	00:12:27	309, b	M 1
	308.70	Roots Fine Joint, at 10 o'clock, within 8 inch: YES, End	00:13:08	312, b	M 1
	315.20	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:13:50	314	
	315.20	Roots Fine Lateral, at 3 o'clock, within 8 inch: NO	00:14:08	315, b	M 1
	316.60	Roots Fine Joint, at 2 o'clock, within 8 inch: YES	00:14:36	317, b	M 1
	331.40	Roots Fine Joint, from 8 to 1 o'clock, within 8 inch: YES	00:15:28	319, b	M 1
	348.10	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:16:24	321	
	348.10	Roots Medium Lateral, at 9 o'clock, 25 %, within 8 inch: NO	00:16:39	322, b	M 3
	349.20	Roots Fine Joint, at 8 o'clock, within 8 inch: YES	00:17:13	324, b	M 1
	351.50	Manhole, within 8 inch: NO, Remarks: 1545-0326	00:17:55	326	





Inspection report

Date: 20100420	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 369	PSR: 69469
Total Pipe Length: 97.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 04/19/2010	Pre-Cleaned: Jetting	Map Grid #: 1654

Street: EASEMENT	Flow Control: Not Controlled	Start MH: 1654-0298
City: RPV	Year Renewed	End MH: 1654-0299
Location Code: Easement/Right of Way	Tape/Media #: R311-052	pipe length: 96.7 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0298/1654-0299/1654	Lining Method:
	Category:

Remark::

1:225	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1654-0298	00:00:20	5824	
	6.00 S1	Water Level Sag, 20 %, within 8 inch: NO, Start	00:01:51	5825, b	M 2
	11.70	Water Level, 35 %, within 8 inch: NO	00:02:32	5827	
	19.40 F1	Water Level Sag, 20 %, within 8 inch: NO, End	00:03:20	5828	M 2
	19.90	Tap Factory Active, at 12 o'clock, 4", within 8 inch: NO	00:03:57	5829	
	19.90	Roots Ball Lateral, at 12 o'clock, 90 %, within 8 inch: NO	00:04:40	5830, b	M 4
	19.90	Roots Medium Connection, at 12 o'clock, 25 %, within 8 inch: NO	00:5:10	5832, b	M 3
	42.90	General Observation, within 8 inch: NO, Remarks: Pipe joint Length 5'	00:06:23	5834	
	96.70	Manhole, within 8 inch: NO, Remarks: 1654-0299	00:08:50	5835	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	4131	0	13	13	0	2.6	2.6



Inspection report

Date: 20100415	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 345	PSR: 69579
Total Pipe Length: 210.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 04/09/2010	Pre-Cleaned: Jetting	Map Grid #: 1654

Street: EASEMENT	Flow Control: Not Controlled	Start MH: 1654-0181
City: RPV	Year Renewed	End MH: 1654-0180
Location Code: Easement/Right of Way	Tape/Media #: R311-049	pipe length: 202.3 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0180/1654-0181/1654	Lining Method:
	Category:

Remark::

1:475	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1654-0181	00:00:22	5604	
	6.00	Water Level, 5 %, within 8 inch: NO	00:01:52	5605	
	20.80	General Observation, within 8 inch: NO, Remarks: Pipe joint Length 5'	00:03:04	5606	
	53.90	Tap Break-in Active, at 10 o'clock, 4", within 8 inch: NO	00:04:30	5607	
	53.90	Roots Ball Lateral, at 10 o'clock, 80 %, within 8 inch: NO	00:04:46	5608, b	M 4
	53.90	Roots Medium Connection, at 10 o'clock, 30 %, within 8 inch: NO	00:05:16	5610, b	M 3
	131.20	Tap Factory Capped, at 10 o'clock, 4", within 8 inch: NO	00:08:37	5612	
	174.30	Tap Factory Capped, at 9 o'clock, 4", within 8 inch: NO	00:10:38	5613	
	202.30	Manhole, within 8 inch: NO, Remarks: 1654-0180	00:12:27	5614	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	4131	0	7	7	0	3.5	3.5



Inspection report

Date: 20100408	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 302	PSR: 69462
Total Pipe Length: 225.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 04/05/2010	Pre-Cleaned: Jetting	Map Grid #: 1654

Street: VIA CIEGA	Flow Control: Not Controlled	Start MH: 1654-0292
City: RPV	Year Renewed	End MH: 1654-0293
Location Code: Light Highway	Tape/Media #: R311-044	pipe length: 238.8 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0292/1654-0293/1654	Lining Method:
	Category:

Remark::

1:550	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1654-0292	00:00:20	4946	
	6.00	Water Level, 5 %, within 8 inch: NO	00:01:32	4947	
	10.80	General Observation, within 8 inch: NO, Remarks: Pipe Joint Length 5'	00:02:02	4948	
	15.80	Joint Offset Medium, within 8 inch: YES	00:02:26	4949, b	S 1
	17.10	Tap Factory, at 9 o'clock, 4", within 8 inch: NO	00:03:08	4951	
	17.10	Roots Ball Lateral, at 9 o'clock, 95 %, within 8 inch: NO	00:03:23	4952, b	M 4
	17.10	Roots Medium Connection, at 9 o'clock, 25 %, within 8 inch: NO	00:04:01	4954, b	M 3
	18.40	Roots Fine Joint, from 3 to 5 o'clock, within 8 inch: YES	00:04:32	4956, b	M 1
	71.10	Tap Factory Active, at 10 o'clock, 4", within 8 inch: NO	00:13:18	4958	
	238.80	Manhole, within 8 inch: NO, Remarks: 1654-0293	00:18:46	4959	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
1100	4131	1	8	9	1	2.67	2.25



Inspection report

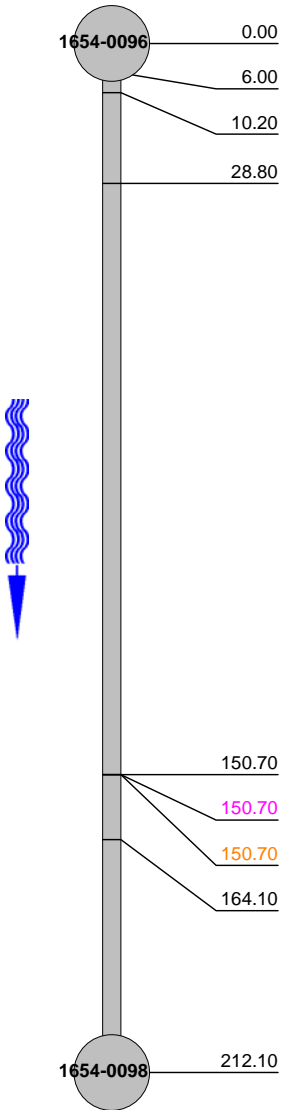
Date: 20100406	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 283	PSR: 69719
Total Pipe Length: 214.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 04/05/2010	Pre-Cleaned: Jetting	Map Grid #: 1654

Street: EASEMENT	Flow Control: Not Controlled	Start MH: 1654-0096
City: RPV	Year Renewed:	End MH: 1654-0098
Location Code: Easement/Right of Way	Tape/Media #: R311-042	pipe length: 212.1 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0096/1654-0098/1654	Lining Method:
	Category:

Remark::

1:475	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1654-0096	00:00:26	4659	
	6.00	Water Level, 5 %, within 8 inch: NO	00:01:11	4660	
	10.20	Tap Factory Active, at 10 o'clock, 4", within 8 inch: NO	00:01:49	4661	
	28.80	General Observation, within 8 inch: NO, Remarks: Pipe joint Length 3'	00:3:10	4662	
	150.70	Tap Factory Active, at 10 o'clock, 4", within 8 inch: NO	00:07:02	4663	
	150.70	Roots Ball Lateral, at 10 o'clock, 60 %, within 8 inch: NO	00:07:24	4664, b	M 4
	150.70	Roots Medium Connection, at 10 o'clock, 35 %, within 8 inch: NO	00:08:01	4666, b	M 3
	164.10	Tap Factory Capped, at 10 o'clock, 4", within 8 inch: NO	00:09:39	4668	
	212.10	Manhole, within 8 inch: NO, Remarks: 1654-0098	00:15:52	4669	



QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	4131	0	7	7	0	3.5	3.5



Inspection report

Date: 20100402	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 245	PSR: 69265
Total Pipe Length: 274.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/31/2010	Pre-Cleaned: Jetting	Map Grid #: 1654

Street: EASEMENT	Flow Control: Not Controlled	Start MH: 1654-0560
City: RPV	Year Renewed:	End MH: 1654-0559
Location Code: Easement/Right of Way	Tape/Media #: R311-040	pipe length: 272.5 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0559/1654-0560/1654	Lining Method:
	Category:

Remark::

1:625	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1654-0560	00:00:29	4351	
	4.60	Water Level, 5 %, within 8 inch: NO	00:01:01	4352	
	7.70	General Observation, within 8 inch: NO, Remarks: Pipe Joint Length 3'	00:01:27	4353	
	19.60	Tap Factory Active, at 9 o'clock, 4", within 8 inch: NO	00:02:13	4354	
	19.60	Roots Ball Lateral, at 9 o'clock, 85 %, within 8 inch: NO	00:02:35	4355, b	M 4
	19.60	Roots Medium Connection, at 9 o'clock, 25 %, within 8 inch: NO	00:03:22	4357, b	M 3
	94.60	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:06:32	4359	
	272.50	Manhole, within 8 inch: NO, Remarks: 1654-0559	00:12:17	4360	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	4131	0	7	7	0	3.5	3.5



Inspection report

Date: 20100316	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 60	PSR: 71940
Total Pipe Length: 167.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/12/2010	Pre-Cleaned: Jetting	Map Grid #: 1600

Street: GANADO DR	Flow Control: Not Controlled	Start MH: 1600-0084
City: RPV	Year Renewed	End MH: 1600-0085
Location Code: Light Highway	Tape/Media #: R027	pipe length: 133.8 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0084/1600-0085/1600	Lining Method:
	Category:

Remark::

1:300	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1600-0084	00:00:24	1025	
	1.50 S1	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, Start	00:01:00	1026, b	M 1
	3.50	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:01:39	1028	
	3.50	Roots Ball Lateral, at 9 o'clock, 85 %, within 8 inch: NO	00:01:57	1029, b	M 4
	4.00 F1	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, End	00:02:26	1031, b	M 1
	9.40	Water Level, 5 %, within 8 inch: NO	00:02:54	1033	
	21.60 S2	Roots Fine Joint, from 4 to 9 o'clock, within 8 inch: YES, Start	00:03:34	1034, b	M 1
	23.00	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:04:02	1036	
	24.00 F2	Roots Fine Joint, from 4 to 9 o'clock, within 8 inch: YES, End	00:04:18	1037, b	M 1
	91.80	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:06:34	1039	
	93.00	Roots Fine Joint, at 8 o'clock, within 8 inch: YES	00:06:54	1040, b	M 1
	123.60	Roots Fine Joint, from 4 to 11 o'clock, within 8 inch: YES	00:08:11	1042, b	M 1
	130.80	Roots Medium Joint, from 1 to 5 o'clock, 45 %, within 8 inch: YES	00:09:15	1044, b	M 3
	133.80	Manhole, within 8 inch: NO, Remarks: 1600-0085	00:10:16	1046	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	4131	0	11	11	0	1.83	1.83



Inspection report

Date: 20100901	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 3405	PSR: 75173
Total Pipe Length: 209.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 07/27/2010	Pre-Cleaned: Jetting	Map Grid #: 1546

Street: EASEMENT	Flow Control: Not Controlled	Start MH: 1546-0278
City: RPV	Year Renewed	End MH: 1546-0279
Location Code: Easement/Right of Way	Tape/Media #: R311-118	pipe length: 205.5 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0279/1546-0278/1546	Lining Method:
	Category:

Remark::

1:475	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1546-0278	00:00:24	177	
	14.80	Water Level, 5 %, within 8 inch: NO	00:01:40	178	
	20.00	General Observation, within 8 inch: NO, Remarks: Pipe joint Length 5'	00:02:29	179	
	76.40	Tap Factory Active, at 2 o'clock, 4", within 8 inch: NO	00:04:49	180	
	76.40	Roots Ball Lateral, at 2 o'clock, 85 %, within 8 inch: NO	00:05:07	181, b	M 4
	76.40	Roots Medium Connection, at 2 o'clock, 50 %, within 8 inch: NO	00:05:37	183, b	M 3
	99.60	Tap Factory Active, at 2 o'clock, 4", within 8 inch: NO	00:06:58	185	
	124.30	Joint Offset Medium, within 8 inch: YES	00:08:14	186, b	S 1
	201.80	Tap Factory Active, at 2 o'clock, 4", within 8 inch: NO	00:11:17	188	
	204.60	Deposits Attached Other, from 5 to 7 o'clock, 15 %, within 8 inch: NO	00:12:15	189, b	M 3
	205.50	Manhole, within 8 inch: NO, Remarks: 1546-0278	00:13:04	191	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
1100	4132	1	10	11	1	3.33	2.75



Inspection report

Date: 20100409	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1677	PSR: 69395
Total Pipe Length: 201.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 04/08/2010	Pre-Cleaned: Jetting	Map Grid #: 1654

Street: 9TH ST	Flow Control: Not Controlled	Start MH: 1654-0338
City: RPV	Year Renewed:	End MH: 1654-0339
Location Code: Main Highway - Suburban/Rural	Tape/Media #: G312-040	pipe length: 32.5 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0338/1654-0339/1654	Lining Method:
	Category:

Remark::

1:75	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1654-0339, BURIED	00:00:50	10477	
	0.00	Water Level, 15 %, within 8 inch: NO	00:01:01	10478	
	0.00	Roots Fine Joint, from 2 to 5 o'clock, within 8 inch: YES	00:01:23	10479, b	M 1
	2.90	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:02:09	10481	
	2.90	Roots Ball Lateral, at 3 o'clock, 55 %, within 8 inch: NO	00:02:25	10482, b	M 4
	26.00	Water Level Sag, 30 %, within 8 inch: NO, Start	00:03:30	10484, b	M 2
	32.50	Deposits Ingressed Other, from 4 to 8 o'clock, 20 %, within 8 inch: NO, Remarks: SAND	00:06:30	10486, b	M 3
	32.50	Obstacle Rocks, from 4 to 8 o'clock, 15 %, within 8 inch: NO	00:06:55	10488, b	M 3
	32.50	Water Level Sag, 30 %, within 8 inch: NO, End	00:07:15	10490	M 2
	32.50	Abandoned Survey, within 8 inch: NO, Remarks: CAMERA BLOCKED BY DEBRIS	00:11:56	10491	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	4132	0	15	15	0	2.5	2.5



Inspection report

Date: 20100401	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1581	PSR: 69553
Total Pipe Length: 350.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/31/2010	Pre-Cleaned: Jetting	Map Grid #: 1654

Street: NEWRIDGE DR	Flow Control: Not Controlled	Start MH: 1654-0271
City: RPV	Year Renewed:	End MH: 1654-0267
Location Code: Light Highway	Tape/Media #: G312-034	pipe length: 358.5 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length: 3.0
Drain. Area: 0267/1654-0271/1654	Lining Method:
	Category:

Remark::

1:726	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1654-0271	00:00:34	9078	
	5.00	Water Level, 5 %, within 8 inch: NO	00:01:07	9079	
	31.90	Roots Fine Joint, from 7 to 12 o'clock, within 8 inch: YES	00:01:57	9080, b	M 1
	49.20	Roots Fine Joint, from 7 to 12 o'clock, within 8 inch: YES	00:03:03	9082, b	M 1
	78.20	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:04:09	9084	
	78.20	Roots Ball Connection, from 3 to 6 o'clock, 55 %, within 8 inch: NO	00:04:41	9085, b	M 4
	79.60 S1	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, Start	00:05:21	9087, b	M 1
	117.30 F1	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, End	00:06:36	9089	M 1
	129.40	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:07:03	9090	
	165.50 S2	Roots Fine Joint, from 10 to 5 o'clock, within 8 inch: YES, Start	00:08:16	9091, b	M 1
	170.40	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:08:49	9093	
	170.40	Roots Fine Lateral, at 3 o'clock, within 8 inch: NO	00:09:00	9094, b	M 1
	216.70 F2	Roots Fine Joint, from 10 to 5 o'clock, within 8 inch: YES, End	00:10:28	9096	M 1
	249.60	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:11:20	9097	
	249.60	Roots Medium Lateral, at 9 o'clock, 30 %, within 8 inch: NO	00:11:34	9098, b	M 3
	250.90	Roots Fine Joint, from 3 to 10 o'clock, within 8 inch: YES	00:12:02	9100, b	M 1
	259.10	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:12:43	9102	
	259.10	Roots Medium Lateral, at 3 o'clock, 40 %, within 8 inch: NO	00:13:01	9103, b	M 3
	259.10	Roots Fine Connection, from 4 to 6 o'clock, within 8 inch: NO	00:13:16	9105, b	M 1
	263.90 S3	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, Start	00:14:00	9107, b	M 1



Inspection report

Date: 20100401	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1581	PSR: 69553
Total Pipe Length: 350.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/31/2010	Pre-Cleaned: Jetting	Map Grid #: 1654

1:726	position	observation	MPEG	photo	grade
	<u>354.00</u> F3	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, End	00:16:08	9109	M 1
	<u>355.60</u>	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:16:24	9110	
	<u>355.60</u>	Roots Fine Lateral, at 9 o'clock, within 8 inch: NO	00:16:35	9111, b	M 1
	<u>356.90</u>	Fracture Circumferential, from 4 to 9 o'clock, within 8 inch: YES	00:17:13	9113, b	S 2
	<u>356.90</u>	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	00:17:24	9115, b	M 1
	<u>358.50</u>	Manhole, within 8 inch: NO, Remarks: 1654-0267	00:17:56	9117	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
2100	4132	2	62	64	2	1.13	1.14



Inspection report

Date: 20100322	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1451	PSR: 71784
Total Pipe Length: 195.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/19/2010	Pre-Cleaned: Jetting	Map Grid #: 1601

Street: SEARAVEN DR	Flow Control: Not Controlled	Start MH: 1601-0089
City: RPV	Year Renewed:	End MH: 1601-0088
Location Code: Light Highway	Tape/Media #: G312-027	pipe length: 244.5 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length: 5.0
Drain. Area: 0088/1601-0089/1601	Lining Method:
	Category:

Remark::

1:550	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1601-0089	00:00:32	7108	
	0.00 S1	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, Start	00:00:44	7109, b	M 1
	5.00	Water Level, 15 %, within 8 inch: NO	00:01:32	7111	
	8.80	Roots Medium Joint, from 7 to 5 o'clock, 35 %, within 8 inch: YES	00:02:05	7112, b	M 3
	13.80	Roots Ball Joint, from 7 to 5 o'clock, 55 %, within 8 inch: YES	00:02:55	7114, b	M 4
	19.50	Roots Medium Joint, from 7 to 5 o'clock, 25 %, within 8 inch: YES	00:04:39	7116, b	M 3
	19.50	Deposits Attached Grease, from 2 to 5 o'clock, 10 %, within 8 inch: YES	00:05:16	7118, b	M 2
	24.30	Roots Tap Joint, from 3 to 9 o'clock, 15 %, within 8 inch: YES	00:06:44	7120, b	M 2
	25.90	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:07:16	7122	
	59.50	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:08:33	7123	
	59.50	Roots Fine Lateral, at 3 o'clock, within 8 inch: NO	00:08:45	7124, b	M 1
	122.10	Crack Multiple, from 12 to 5 o'clock, within 8 inch: YES	00:11:12	7126, b	S 3
	133.00	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:11:55	7128	
	133.00	Roots Fine Lateral, at 3 o'clock, within 8 inch: NO	00:12:05	7129, b	M 1
	190.20 F1	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, End	00:14:30	7131	M 1
	212.30	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:15:34	7132	
	212.30	Roots Fine Lateral, at 3 o'clock, within 8 inch: NO	00:15:44	7133, b	M 1
	223.60	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	00:16:38	7135, b	M 1
	228.70	Roots Fine Joint, from 10 to 2 o'clock, within 8 inch: YES	00:25:41	7137, b	M 1
	242.00	Roots Fine Joint, from 8 to 4 o'clock, within 8 inch: YES	00:26:20	7139, b	M 1
	244.50	Manhole, within 8 inch: NO, Remarks: 1601-0088	00:27:07	7141	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
3100	4132	3	68	71	3	1.15	1.18



Inspection report

Date: 20100319	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1450	PSR: 71783
Total Pipe Length: 215.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/18/2010	Pre-Cleaned: Jetting	Map Grid #: 1601

Street: HEROIC DR	Flow Control: Not Controlled	Start MH: 1601-0087
City: RPV	Year Renewed:	End MH: 1601-0088
Location Code: Light Highway	Tape/Media #: G312-026	pipe length: 232.3 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length: 5.0
Drain. Area: 0087/1601-0088/1601	Lining Method:
	Category:

Remark::

1:525	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1601-0087	00:00:34	7088	
	0.00	Water Level, 10 %, within 8 inch: NO	00:00:45	7089	
	2.90	Roots Fine Joint, from 10 to 2 o'clock, within 8 inch: YES	00:01:07	7090, b	M 1
	18.10	Roots Fine Joint, from 9 to 3 o'clock, within 8 inch: YES	00:01:53	7092, b	M 1
	38.60 S1	Roots Fine Joint, from 1 to 3 o'clock, within 8 inch: YES, Start	00:02:44	7094, b	M 1
	39.90	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:03:08	7096	
	83.10	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:04:22	7097	
	109.80	Roots Medium Joint, from 7 to 1 o'clock, 25 %, within 8 inch: YES	00:05:34	7098, b	M 3
	147.00	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:06:46	7100	
	147.00	Roots Medium Lateral, at 3 o'clock, 25 %, within 8 inch: NO	00:06:59	7101, b	M 3
	165.20	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:07:47	7103	
	165.20	Roots Ball Lateral, at 9 o'clock, 55 %, within 8 inch: NO	00:08:05	7104, b	M 4
	229.80 F1	Roots Fine Joint, from 1 to 3 o'clock, within 8 inch: YES, End	00:10:00	7106	M 1
	232.30	Manhole, within 8 inch: NO, Remarks: 1601-0088	00:10:21	7107	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	4132	0	60	60	0	1.13	1.13



Inspection report

Date: 20100311	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1360	PSR: 71995
Total Pipe Length: 360.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/10/2010	Pre-Cleaned: Jetting	Map Grid #: 1600

Street: STALWART DR	Flow Control: Not Controlled	Start MH: 1600-0031
City: RPV	Year Renewed	End MH: 1600-0030
Location Code: Light Highway	Tape/Media #: G312-021	pipe length: 311.1 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length: 3.0
Drain. Area: 0030/1600-0031/1600	Lining Method:
	Category:

Remark::

1:700	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1600-0031	00:00:38	5215	
	3.50 S1	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, Start	00:01:37	5216, b	M 1
	5.00	Water Level, 10 %, within 8 inch: NO	00:02:04	5218	
	14.60	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	00:02:38	5219, b	S 3
	16.00	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:03:17	5221	
	16.00	Roots Medium Lateral, at 9 o'clock, 30 %, within 8 inch: NO	00:03:28	5222, b	M 3
	44.40	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	00:04:33	5224, b	S 3
	68.50	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	00:05:37	5226, b	S 3
	127.50	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	00:08:02	5228, b	S 3
	128.70	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:09:13	5230	
	128.70	Roots Ball Lateral, at 3 o'clock, 55 %, within 8 inch: NO	00:09:28	5231, b	M 4
	150.70	Fracture Circumferential, from 2 to 10 o'clock, within 8 inch: YES	00:11:33	5233, b	S 2
	151.90	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:10:19	5235	
	151.90 S2	Roots Medium Connection, from 6 to 9 o'clock, 35 %, within 8 inch: NO, Start	00:10:35	5236, b	M 3
	153.10 F2	Roots Medium Connection, from 6 to 9 o'clock, 35 %, within 8 inch: NO, End	00:12:01	5238	M 3
	153.30	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	00:13:11	5239, b	S 3
	209.70	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:22:58	5241	
	209.70	Roots Fine Connection, from 3 to 6 o'clock, within 8 inch: NO	00:23:17	5242, b	M 1
	241.80 F1	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, End	00:24:21	5244	M 1
	250.40	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:24:54	5245	
	306.70	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	00:26:22	5246, b	S 3
	306.70 F1	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, End	00:26:37	5248	M 1
	311.10	Manhole, within 8 inch: NO, Remarks: 1600-0030	00:27:05	5249	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
3621	4132	20	147	167	2.86	1.05	1.14



Inspection report

Date: 20100308	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1329	PSR: 75225
Total Pipe Length: 358.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/05/2010	Pre-Cleaned: Jetting	Map Grid #: 1546

Street: PACKET RD	Flow Control: Not Controlled	Start MH: 1546-0216
City: RPV	Year Renewed	End MH: 1546-0215
Location Code: Light Highway	Tape/Media #: G312-018	pipe length: 340.3 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length: 3.0
Drain. Area: 0215/1546-0216/1546	Lining Method:
	Category:

Remark::

1:775	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1546-0216	00:00:34	4426	
	<u>0.10</u>	Crack Longitudinal, at 3 o'clock, within 8 inch: NO	00:00:54	4427, b	S 2
	5.00	Water Level, 5 %, within 8 inch: NO	00:01:33	4429	
	6.70	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:01:47	4430	
	<u>39.10</u> S1	Roots Fine Joint, from 3 to 5 o'clock, within 8 inch: YES, Start	00:02:56	4431, b	M 1
	40.60	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:03:22	4433	
	50.10	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:03:53	4434	
	77.00	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:04:57	4435	
	<u>77.00</u>	Roots Medium Lateral, at 9 o'clock, 25 %, within 8 inch: NO	00:05:15	4436, b	M 3
	100.30	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:06:14	4438	
	120.40	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:06:59	4439	
	<u>120.40</u>	Roots Fine Lateral, at 3 o'clock, within 8 inch: NO	00:07:15	4440, b	M 1
	<u>160.20</u>	Obstacle Rocks, from 5 to 8 o'clock, 25 %, within 8 inch: NO	00:09:21	4442, b	M 4
	220.00	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:23:39	4444	
	<u>220.00</u>	Roots Medium Lateral, at 9 o'clock, 30 %, within 8 inch: NO	00:23:54	4445, b	M 3
	243.30	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:25:00	4447	
	<u>243.30</u>	Roots Tap Lateral, at 3 o'clock, 20 %, within 8 inch: NO	00:25:13	4448, b	M 2
	263.40	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:26:00	4450	
	<u>322.80</u> F1	Roots Fine Joint, from 3 to 5 o'clock, within 8 inch: YES, End	00:27:23	4451	M 1
	326.40	General Observation, within 8 inch: NO, Remarks: JOINT LENGTH 3'	00:27:40	4452	
	<u>336.90</u>	Roots Fine Joint, from 7 to 9 o'clock, within 8 inch: YES	00:28:13	4453, b	M 1
	340.30	Manhole, within 8 inch: NO, Remarks: 1546-0215	00:29:08	4455	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
2100	4132	2	85	87	2	1.1	1.12



Inspection report

Date: 20100303	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1287	PSR: 75309
Total Pipe Length: 170.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/02/2010	Pre-Cleaned: Jetting	Map Grid #: 1546

Street: EASEMENT	Flow Control: Not Controlled	Start MH: 1546-0066
City: RPV	Year Renewed	End MH: 1546-0065
Location Code: Easement/Right of Way	Tape/Media #: G312-015	pipe length: 25 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length: 5.0
Drain. Area: 0065/1546-0066/1546	Lining Method:
	Category:

Remark::

1:75	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1546-0066	00:00:51	3620	
	0.00 S1	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, Start	00:1:10	3621, b	M 1
	5.00	Water Level, 5 %, within 8 inch: NO	00:02:29	3624	
	22.10	Obstacle Rocks, from 5 to 7 o'clock, 20 %, within 8 inch: NO	00:07:45	3625, b	M 3
	22.70	Roots Ball Joint, from 3 to 7 o'clock, 55 %, within 8 inch: YES	00:09:02	3627, b	M 4
	22.70	Obstacle Pipe Material, from 6 to 8 o'clock, 15 %, within 8 inch: NO, Remarks: PIECE OF BROKEN PIPE	00:09:37	3629, b	M 3
	25.00 F1	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, End	00:12:03	3631	M 1
	25.00	Abandoned Survey, within 8 inch: NO, Remarks: CAMERA BLOCKED BY BALL RO	00:12:47	3632	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	4132	0	16	16	0	1.78	1.78



Inspection report

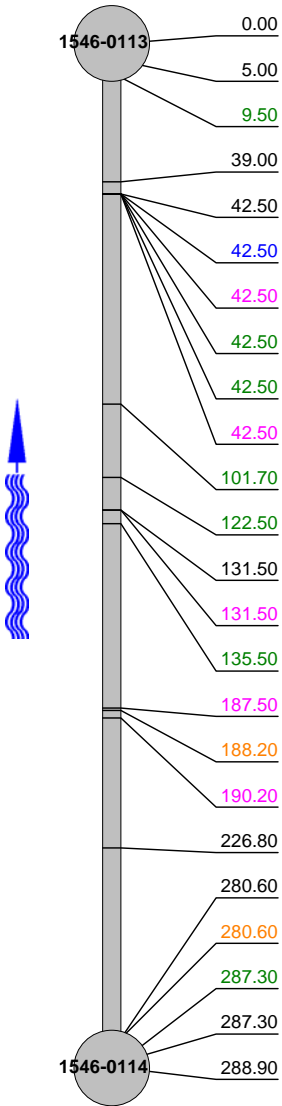
Date: 20100303	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1283	PSR: 75244
Total Pipe Length: 288.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/02/2010	Pre-Cleaned: Jetting	Map Grid #: 1546

Street: EASEMENT	Flow Control: Not Controlled	Start MH: 1546-0113
City: RPV	Year Renewed	End MH: 1546-0114
Location Code: Easement/Right of Way	Tape/Media #: G312-015	pipe length: 288.9 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length: 5.0
Drain. Area: 0113/1546-0114/1546	Lining Method:
	Category:

Remark::

1:650	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1546-0113	00:01:01	3524	
	5.00	Water Level, 10 %, within 8 inch: NO	00:02:20	3525	
	9.50	Roots Fine Joint, from 3 to 5 o'clock, within 8 inch: YES	00:02:59	3526, b	M 1
	39.00	Tap Factory Capped, at 3 o'clock, 6", within 8 inch: NO	00:04:23	3528	
	42.50	Tap Break-in Active, at 2 o'clock, 6", within 8 inch: NO	00:12:22	3529	
	42.50	Fracture Circumferential, from 7 to 11 o'clock, within 8 inch: YES	00:13:14	3530, b	S 2
	42.50	Broken, from 11 to 1 o'clock, within 8 inch: YES	00:13:34	3532, b	S 4
	42.50	Joint Offset Medium, within 8 inch: YES	00:13:43	3534, b	S 1
	42.50	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	00:13:54	3536, b	M 1
	42.50	Broken, from 1 to 3 o'clock, within 8 inch: YES	00:14:16	3538, b	S 4
	101.70	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	00:16:45	3540, b	M 1
	122.50	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	00:17:55	3542, b	M 1
	131.50	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:18:40	3544	
	131.50	Roots Ball Connection, from 2 to 5 o'clock, 55 %, within 8 inch: NO	00:18:59	3545, b	M 4
	135.50	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, Start	00:19:51	3547, b	M 1
	187.50	Fracture Multiple, from 7 to 6 o'clock, within 8 inch: YES, Start	00:22:49	3549, b	S 4
	188.20	Tap Break-in Defective, at 3 o'clock, 6", 3, within 8 inch: NO	00:23:38	3551, b	M 3
	190.20	Fracture Multiple, from 7 to 6 o'clock, within 8 inch: YES, End	00:24:34	3553	S 4
	226.80	Tap Factory Capped, at 3 o'clock, 6", within 8 inch: NO	00:25:56	3554	
	280.60	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:29:51	3555	
	280.60	Roots Medium Connection, from 2 to 6 o'clock, 35 %, within 8 inch: NO	00:30:15	3556, b	M 3
	287.30	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, End	00:31:19	3558	M 1
	287.30	General Observation, within 8 inch: NO, Remarks: JOINT LENGTH 5'	00:31:40	3559	
	288.90	Manhole, within 8 inch: NO, Remarks: 1546-0114, BURIED UMH	00:33:04	3560	



QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
4321	4132	15	52	67	3	1.16	1.34



Inspection report

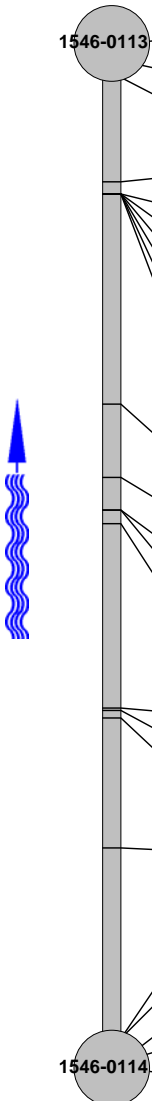
Date: 20100303	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1283	PSR: 75244
Total Pipe Length: 288.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/02/2010	Pre-Cleaned: Jetting	Map Grid #: 1546

Street: EASEMENT	Flow Control: Not Controlled	Start MH: 1546-0113
City: RPV	Year Renewed:	End MH: 1546-0114
Location Code: Easement/Right of Way	Tape/Media #: G312-015	pipe length: 288.9 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length: 5.0
Drain. Area: 0113/1546-0114/1546	Lining Method:
	Category:

Remark::

1:650	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1546-0113	00:01:01	3524	
	5.00	Water Level, 10 %, within 8 inch: NO	00:02:20	3525	
	9.50	Roots Fine Joint, from 3 to 5 o'clock, within 8 inch: YES	00:02:59	3526, b	M 1
	39.00	Tap Factory Capped, at 3 o'clock, 6", within 8 inch: NO	00:04:23	3528	
	42.50	Tap Break-in Active, at 2 o'clock, 6", within 8 inch: NO	00:12:22	3529	
	42.50	Fracture Circumferential, from 7 to 11 o'clock, within 8 inch: YES	00:13:14	3530, b	S 2
	42.50	Broken, from 11 to 1 o'clock, within 8 inch: YES	00:13:34	3532, b	S 4
	42.50	Joint Offset Medium, within 8 inch: YES	00:13:43	3534, b	S 1
	42.50	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	00:13:54	3536, b	M 1
	42.50	Broken, from 1 to 3 o'clock, within 8 inch: YES	00:14:16	3538, b	S 4
	101.70	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	00:16:45	3540, b	M 1
	122.50	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	00:17:55	3542, b	M 1
	131.50	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:18:40	3544	
	131.50	Roots Ball Connection, from 2 to 5 o'clock, 55 %, within 8 inch: NO	00:18:59	3545, b	M 4
	135.50 S1	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, Start	00:19:51	3547, b	M 1
	187.50 S2	Fracture Multiple, from 7 to 6 o'clock, within 8 inch: YES, Start	00:22:49	3549, b	S 4
	188.20	Tap Break-in Defective, at 3 o'clock, 6", 3, within 8 inch: NO	00:23:38	3551, b	M 3
	190.20 F2	Fracture Multiple, from 7 to 6 o'clock, within 8 inch: YES, End	00:24:34	3553	S 4
	226.80	Tap Factory Capped, at 3 o'clock, 6", within 8 inch: NO	00:25:56	3554	
	280.60	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:29:51	3555	
	280.60	Roots Medium Connection, from 2 to 6 o'clock, 35 %, within 8 inch: NO	00:30:15	3556, b	M 3
	287.30 F1	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, End	00:31:19	3558	M 1
	287.30	General Observation, within 8 inch: NO, Remarks: JOINT LENGTH 5'	00:31:40	3559	
	288.90	Manhole, within 8 inch: NO, Remarks: 1546-0114, BURIED UMH	00:33:04	3560	



QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
4321	4132	15	52	67	3	1.16	1.34



Inspection report

Date: 20100226	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 798	PSR: 76217
Total Pipe Length: 197.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 02/23/2010	Pre-Cleaned: Jetting	Map Grid #: 1545

Street: CREST ROAD	Flow Control: Not Controlled	Start MH: 1545-0191
City: RPV	Year Renewed	End MH: 1545-0190
Location Code: Light Highway	Tape/Media #: R315-015	pipe length: 225.1 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 12"/12"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0190/1545-0191/1545	Lining Method:
	Category:

Remark::

1:525	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1545-0191	00:03:16	850	
	6.90	Roots Medium Joint, from 10 to 2 o'clock, 30 %, within 8 inch: YES	00:05:24	851, b	M 3
	17.00	Water Level, 10 %, within 8 inch: NO	00:06:12	853	
	22.40	General Observation, within 8 inch: NO, Remarks: Pipe Joint Length 5'	00:06:45	854	
	64.80	Tap Factory Active, at 10 o'clock, 4", within 8 inch: NO	00:07:50	855	
	64.80	Roots Medium Connection, at 10 o'clock, 45 %, within 8 inch: NO	00:08:25	856, b	M 3
	80.40	Roots Fine Joint, from 10 to 2 o'clock, within 8 inch: YES	00:09:19	858, b	M 1
	116.40	Roots Fine Joint, from 2 to 4 o'clock, within 8 inch: YES	00:10:38	860, b	M 1
	142.00	Roots Fine Joint, at 3 o'clock, within 8 inch: YES	00:11:33	862, b	M 1
	152.10	Roots Fine Joint, from 2 to 8 o'clock, within 8 inch: YES	00:12:16	864, b	M 1
	168.60	Tap Factory Active, at 9 o'clock, 4", within 8 inch: NO	00:13:00	866	
	168.60	Roots Ball Connection, at 9 o'clock, 70 %, within 8 inch: NO	00:13:18	867, b	M 4
	190.50	Crack Longitudinal, at 1 o'clock, within 8 inch: YES	00:14:15	869, b	S 2
	190.50	Roots Fine Joint, from 3 to 9 o'clock, within 8 inch: YES	00:14:43	871, b	M 1
	195.80	Crack Longitudinal, at 12 o'clock, within 8 inch: YES	00:15:16	873, b	S 2
	220.80	Roots Fine Joint, at 4 o'clock, within 8 inch: YES	00:16:59	876, b	M 1
	225.10	Manhole, within 8 inch: NO, Remarks: 1545-0190	00:17:49	878	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
2200	4132	4	16	20	2	1.78	1.82



Inspection report

Date: 20100208	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 546	PSR: 76031
Total Pipe Length: 202.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 02/08/2010	Pre-Cleaned: Jetting	Map Grid #: 1545

Street: NORTHBAY RD	Flow Control: Not Controlled	Start MH: 1545-0327
City: RPV	Year Renewed	End MH: 1545-0328
Location Code: Light Highway	Tape/Media #: R001	pipe length: 220.8 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0327/1545-0328/1545	Lining Method:
	Category:

Remark::

1:500	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1545-0327	00:00:27	265	
	4.50	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:01:07	266	
	5.00	Water Level, 5 %, within 8 inch: NO	00:01:40	267	
	10.20	General Observation, within 8 inch: NO, Remarks: Pipe Joint Length 5'	00:02:07	268	
	61.50	Roots Fine Joint, at 10 o'clock, within 8 inch: YES	00:03:28	269, b	M 1
	83.70	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:04:27	271	
	83.70	Roots Medium Lateral, at 9 o'clock, 30 %, within 8 inch: NO	00:04:40	272, b	M 3
	84.40	Roots Fine Joint, at 9 o'clock, within 8 inch: YES	00:05:09	274, b	M 1
	105.00	Roots Fine Joint, at 9 o'clock, within 8 inch: YES, Start	00:06:00	276, b	M 1
	140.40	Roots Fine Joint, at 9 o'clock, within 8 inch: YES, End	00:07:05	278, b	M 1
	155.60	Roots Medium Joint, from 2 to 4 o'clock, 20 %, within 8 inch: YES	00:07:55	280, b	M 3
	160.60	Roots Fine Joint, at 8 o'clock, within 8 inch: YES, Start	00:08:27	282, b	M 1
	182.30	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:09:21	284	
	182.30	Roots Ball Connection, at 9 o'clock, 70 %, within 8 inch: NO	00:09:35	285, b	M 4
	188.50	Roots Fine Joint, at 8 o'clock, within 8 inch: YES, End	00:10:10	287, b	M 1
220.80	Manhole, within 8 inch: NO, Remarks: 1545-0328	00:11:30	289		

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	4132	0	28	28	0	1.33	1.33



Inspection report

Date: 20100412	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 326	PSR: 75303
Total Pipe Length: 61.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 04/09/2010	Pre-Cleaned: Jetting	Map Grid #: 1546

Street: EASEMENT	Flow Control: Not Controlled	Start MH: 1546-0059
City: RPV	Year Renewed:	End MH: 1546-0060
Location Code: Easement/Right of Way	Tape/Media #: R311-046	pipe length: 56.5 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0059/1546-0060/1546	Lining Method:
	Category:

Remark::

1:150	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1546-0059	00:00:21	5280	
	1.00	Roots Fine Joint, at 5 o'clock, within 8 inch: YES	00:01:27	5281, b	M 1
	8.20	Tap Factory Active, at 9 o'clock, 4", within 8 inch: NO	00:02:52	5283	
	8.20	Roots Ball Lateral, at 9 o'clock, 55 %, within 8 inch: NO	00:03:08	5284, b	M 4
	8.20	Roots Fine Connection, at 9 o'clock, within 8 inch: NO	00:03:48	5286, b	M 1
	8.70	Roots Fine Joint, from 8 to 9 o'clock, within 8 inch: YES	00:04:52	5288, b	M 1
	13.50	Roots Medium Joint, from 3 to 9 o'clock, 30 %, within 8 inch: YES	00:06:08	5290, b	M 3
	18.80	Roots Fine Joint, from 4 to 8 o'clock, within 8 inch: YES	00:07:08	5292, b	M 1
	38.70	Roots Fine Joint, from 7 to 11 o'clock, within 8 inch: YES	00:08:40	5294, b	M 1
	50.90	Tap Factory Active, at 9 o'clock, 4", within 8 inch: NO	00:10:04	5296	
	50.90	Roots Medium Joint, from 8 to 1 o'clock, 40 %, within 8 inch: YES	00:10:47	5297, b	M 3
	56.50	Manhole, within 8 inch: NO, Remarks: 1546-0060	00:14:42	5299	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	4132	0	15	15	0	1.88	1.88



Inspection report

Date: 20100330	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 212	PSR: 72024
Total Pipe Length: 281.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/26/2010	Pre-Cleaned: Jetting	Map Grid #: 1599

Street: EASEMENT	Flow Control: Not Controlled	Start MH: 1599-0102
City: RPV	Year Renewed	End MH: 1599-0103
Location Code: Easement/Right of Way	Tape/Media #: R311-037	pipe length: 281.5 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0102/1599-0103/1599	Lining Method:
	Category:

Remark::

1:650	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1599-0102	00:00:20	3814	
	3.00	Roots Fine Joint, from 10 to 3 o'clock, within 8 inch: YES	00:01:34	3815, b	M 1
	6.00	Crack Multiple, from 7 to 4 o'clock, within 8 inch: YES	00:03:07	3817, b	S 3
	17.30	Water Level, 5 %, within 8 inch: NO	00:03:50	3819	
	20.80	General Observation, within 8 inch: NO, Remarks: Pipe Joint Length 3'	00:04:18	3820	
	42.90	Roots Medium Joint, from 7 to 9 o'clock, 30 %, within 8 inch: YES	00:05:41	3821, b	M 3
	102.60	Tap Break-in Active, at 2 o'clock, 4", within 8 inch: NO	00:09:08	3823	
	102.60	Roots Ball Connection, at 2 o'clock, 85 %, within 8 inch: NO	00:09:25	3824, b	M 4
	105.60	Tap Factory Capped, at 2 o'clock, 4", within 8 inch: NO	00:10:16	3826	
	126.40	Roots Fine Joint, at 4 o'clock, within 8 inch: YES	00:11:35	3827, b	M 1
	136.20	Roots Medium Joint, from 1 to 8 o'clock, 25 %, within 8 inch: YES	00:12:49	3829, b	M 3
	139.90 S1	Roots Fine Joint, from 10 to 4 o'clock, within 8 inch: YES, Start	00:13:58	3831, b	M 1
	170.20 F1	Roots Fine Joint, from 10 to 4 o'clock, within 8 inch: YES, End	00:15:22	3833, b	M 1
	180.50	Roots Fine Joint, from 7 to 9 o'clock, within 8 inch: YES	00:16:16	3835, b	M 1
	246.70	Roots Fine Joint, from 3 to 9 o'clock, within 8 inch: YES	00:22:06	3837, b	M 1
	275.80	Roots Fine Joint, from 4 to 8 o'clock, within 8 inch: YES	00:23:36	3839, b	M 1
	281.50	Manhole, within 8 inch: NO, Remarks: 1599-0103	00:25:08	3841	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
3100	4132	3	23	26	3	1.44	1.53



Inspection report

Date: 20100303	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 839	PSR: 75327
Total Pipe Length: 97.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 02/26/2010	Pre-Cleaned: Jetting	Map Grid #: 1546

Street: EASEMENT	Flow Control: Not Controlled	Start MH: 1546-0083
City: RPV	Year Renewed	End MH: 1546-0084
Location Code: Easement/Right of Way	Tape/Media #: R315-018	pipe length: 92.3 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0083/1546-0084/1546	Lining Method:
	Category:

Remark::

1:225	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1546-0083	00:00:31	1324	
	6.20	Water Level, 5 %, within 8 inch: NO	00:01:19	1325	
	23.40	General Observation, within 8 inch: NO, Remarks: Pipe Joint Length 5'	00:02:15	1326	
	32.50	Roots Medium Joint, from 4 to 6 o'clock, 20 %, within 8 inch: YES	00:03:03	1327, b	M 3
	39.20	Roots Medium Joint, from 6 to 10 o'clock, 35 %, within 8 inch: YES	00:04:15	1329, b	M 3
	53.50	Roots Fine Joint, from 8 to 10 o'clock, within 8 inch: YES	00:05:20	1331, b	M 1
	80.70	Roots Fine Joint, from 12 to 3 o'clock, within 8 inch: YES	00:06:48	1333, b	M 1
	92.30	Roots Ball Connection, from 11 to 12 o'clock, 65 %, within 8 inch: NO	00:09:26	1335	M 4

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	4132	0	12	12	0	2.4	2.4



Inspection report

Date: 20100324	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1491	PSR: 69419
Total Pipe Length: 175.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/24/2010	Pre-Cleaned: Jetting	Map Grid #: 1654

Street: PALOS VERDES DR E	Flow Control: Not Controlled	Start MH: 1654-0359
City: RPV	Year Renewed:	End MH: 1654-0360
Location Code: Light Highway	Tape/Media #: G312-029	pipe length: 115.1 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 10"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length: 6.0
Drain. Area: 0359/1654-0360/1654	Lining Method:
	Category:

Remark::

1:275	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1654-0359	00:00:29	7817	
	5.00	Water Level, 5 %, within 8 inch: NO	00:01:03	7818	
	6.10	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	00:01:28	7819, b	M 1
	6.10	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	00:01:39	7821, b	S 3
	13.40	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:02:18	7823	
	13.40	Roots Medium Lateral, at 9 o'clock, 35 %, within 8 inch: NO	00:02:32	7824, b	M 3
	22.70	Crack Multiple, from 3 to 6 o'clock, within 8 inch: YES	00:03:31	7826, b	S 3
	22.70	Roots Medium Joint, from 6 to 10 o'clock, 30 %, within 8 inch: YES	00:03:50	7828, b	M 3
	31.00 S1	Roots Fine Joint, from 3 to 5 o'clock, within 8 inch: YES, Start	00:04:28	7830, b	M 1
	44.30	Deposits Ingressed Other, from 5 to 7 o'clock, 15 %, within 8 inch: NO, Remarks: SILT	00:05:31	7832, b	M 3
	68.10	Crack Longitudinal, at 3 o'clock, within 8 inch: YES	00:06:51	7834, b	S 2
	87.70	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:07:37	7836	
	96.50 F1	Roots Fine Joint, from 3 to 5 o'clock, within 8 inch: YES, End	00:07:57	7837	M 1
	101.00 S2	Roots Fine Joint, from 9 to 10 o'clock, within 8 inch: YES, Start	00:08:13	7838, b	M 1
	101.10	Crack Longitudinal, at 10 o'clock, within 8 inch: YES	00:08:25	7840, b	S 2
	110.40 F2	Roots Fine Joint, from 9 to 10 o'clock, within 8 inch: YES, End	00:08:57	7842	M 1
	115.10	Roots Medium Barrel, from 2 to 5 o'clock, 25 %, within 8 inch: NO	00:09:21	7843, b	M 4
	115.10	Manhole, within 8 inch: NO, Remarks: 1654-0360, BURIED	00:10:06	7845	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
3222	4133	10	32	42	2.5	1.39	1.56



Inspection report

Date: 20100319	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1442	PSR: 71869
Total Pipe Length: 264.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/18/2010	Pre-Cleaned: Jetting	Map Grid #: 1600

Street: EASEMENT	Flow Control: Not Controlled	Start MH: 1600-0125
City: RPV	Year Renewed	End MH: 1600-0124
Location Code: Easement/Right of Way	Tape/Media #: G312-026	pipe length: 195.3 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length: 5.0
Drain. Area: 0124/1600-0125/1600	Lining Method:
	Category:

Remark::

1:450	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1600-0125	00:00:26	6947	
	5.00	Water Level, 5 %, within 8 inch: NO	00:01:58	6948	
	5.00 S1	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, Start	00:02:19	6949, b	M 1
	45.80	Roots Medium Joint, from 1 to 5 o'clock, 25 %, within 8 inch: YES	00:03:45	6951, b	M 3
	55.90	Roots Ball Joint, from 7 to 5 o'clock, 55 %, within 8 inch: YES	00:05:06	6953, b	M 4
	61.00	Roots Medium Joint, from 2 to 10 o'clock, 30 %, within 8 inch: YES	00:06:38	6955, b	M 3
	153.00	Roots Tap Joint, from 2 to 9 o'clock, 20 %, within 8 inch: YES	00:09:06	6957, b	M 2
	158.10	Roots Tap Joint, from 2 to 10 o'clock, 20 %, within 8 inch: YES	00:10:18	6959, b	M 2
	163.20	Roots Medium Joint, from 2 to 10 o'clock, 30 %, within 8 inch: YES	00:11:14	6961, b	M 3
	195.30 F1	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, End	00:12:22	6963	M 1
	195.30	Manhole, within 8 inch: NO, Remarks: 1600-0124, BURIED UMH	00:13:57	6964	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	4133	0	65	65	0	1.2	1.2



Inspection report

Date: 20100309	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1337	PSR: 75355
Total Pipe Length: 62.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/08/2010	Pre-Cleaned: Jetting	Map Grid #: 1546

Street: EASEMENT	Flow Control: Not Controlled	Start MH: 1546-0111
City: RPV	Year Renewed	End MH: 1546-0182
Location Code: Easement/Right of Way	Tape/Media #: G312-019	pipe length: 70.6 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length: 3.0
Drain. Area: 0111/1546-0182/1546	Lining Method:
	Category:

Remark::

1:175	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1546-0111, DROP MH	00:00:35	4585	
	0.00	Roots Medium Barrel, from 3 to 9 o'clock, 25 %, within 8 inch: NO	00:00:50	4586, b	M 4
	2.00	Tap Factory Active, at 6 o'clock, 6", within 8 inch: NO, Remarks: DROP LATERAL	00:04:13	4588	
	5.00	Water Level, 10 %, within 8 inch: NO	00:05:51	4589	
	5.00	Roots Medium Joint, from 5 to 10 o'clock, 30 %, within 8 inch: YES	00:06:18	4590, b	M 3
	8.90 S1	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, Start	00:07:06	4592, b	M 1
	26.10	Roots Medium Joint, from 6 to 9 o'clock, 25 %, within 8 inch: YES	00:08:22	4594, b	M 3
	43.60	Roots Medium Joint, from 6 to 10 o'clock, 35 %, within 8 inch: YES	00:09:49	4596, b	M 3
	59.40	Tap Factory Capped, at 3 o'clock, 4", within 8 inch: NO	00:11:10	4598	
	59.40	Roots Tap Lateral, at 3 o'clock, 15 %, within 8 inch: NO	00:11:21	4599, b	M 2
	65.60	Tap Break-in Active, at 3 o'clock, 4", within 8 inch: NO	00:11:59	4601	
	70.50 F1	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, End	00:12:26	4602	M 1
	70.60	Manhole, within 8 inch: NO, Remarks: 1546-0182	00:13:33	4603	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	4133	0	30	30	0	1.5	1.5



Inspection report

Date: 20100212	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1112	PSR: 76125
Total Pipe Length: 350.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 02/11/2010	Pre-Cleaned: Jetting	Map Grid #: 1545

Street: KEN ROED	Flow Control: Not Controlled	Start MH: 1545-0312
City: RPV	Year Renewed	End MH: 1545-0311
Location Code: Parking Lot	Tape/Media #: G312-002	pipe length: 354 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0311/1545-0312/1545	Lining Method:
	Category:

Remark::

1:594	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1545-0312	00:00:42	293	
	5.00	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	00:01:54	294, b	M 1
	6.00	Water Level, 5 %, within 8 inch: NO	00:02:36	296	
	6.10	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:02:53	297	
	6.10	Roots Ball Lateral, at 3 o'clock, 55 %, within 8 inch: NO	00:03:17	298, b	M 4
	8.00 S1	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, Start	00:03:59	300, b	M 1
	14.10	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:04:37	302	
	14.10	Roots Fine Connection, from 7 to 9 o'clock, within 8 inch: NO	00:05:23	303, b	M 1
	82.20 F1	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, End	00:08:12	305	M 1
	87.40 S2	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, Start	00:08:43	306, b	M 1
	88.70	Tap Factory Capped, at 9 o'clock, 6", within 8 inch: NO	00:09:12	308	
	91.30	Tap Factory Capped, at 3 o'clock, 6", within 8 inch: NO	00:09:34	309	
	102.80	Roots Medium Joint, from 2 to 6 o'clock, 30 %, within 8 inch: YES	00:10:59	310, b	M 3
	107.90	Deposits Ingressed Other, from 8 to 4 o'clock, 10 %, within 8 inch: YES, Remarks: DIRT	00:12:01	312, b	M 2
	122.70	Tap Break-in Active, at 3 o'clock, 4", within 8 inch: NO	00:13:09	314	
	122.70	Roots Medium Lateral, at 3 o'clock, 25 %, within 8 inch: NO	00:13:30	315, b	M 3
	159.10 F2	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, End	00:15:02	317	M 1
	164.10	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	00:15:39	318, b	M 1
	169.60	General Observation, within 8 inch: NO, Remarks: JOINT LENGTH 5'	00:16:06	320	
	185.60	Tap Factory Capped, at 9 o'clock, 6", within 8 inch: NO	00:16:58	321	
	185.60	Fracture Circumferential, from 8 to 9 o'clock, within 8 inch: NO	00:17:23	322, b	S 2
	187.10	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	00:17:55	324, b	M 1
	188.30	Tap Factory Capped, at 3 o'clock, 6", within 8 inch: NO	00:18:22	326	



Inspection report

Date: 20100212	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1112	PSR: 76125
Total Pipe Length: 350.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 02/11/2010	Pre-Cleaned: Jetting	Map Grid #: 1545

1:594	position	observation	MPEG	photo	grade
	287.00	S3 Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, Start	00:21:49	327, b	M 1
	288.30	Tap Factory Capped, at 9 o'clock, 6", within 8 inch: NO	00:22:22	329	
	296.10	Tap Factory Capped, at 3 o'clock, 6", within 8 inch: NO	00:23:30	330	
	297.50	Roots Medium Joint, from 2 to 6 o'clock, 35 %, within 8 inch: YES	00:24:17	331, b	M 3
	352.90	F3 Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, End	00:26:53	333	M 1
	354.00	Broken Void Visible, from 5 to 9 o'clock, within 8 inch: YES	00:27:36	334, b	S 5
	354.00	Manhole, within 8 inch: NO, Remarks: 1545-0311	00:29:14	336	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
5121	4133	7	72	79	3.5	1.16	1.23



Inspection report

Date: 20100326	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Martin Garcia	section number: 900	PSR: 71641
Total Pipe Length: 127.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/07/2010	Pre-Cleaned: Jetting	Map Grid #: 1601

Street: SEA HORSE LN	Flow Control: Not Controlled	Start MH: 1601-0166
City: RPV	Year Renewed	End MH: 1601-0167
Location Code: Light Highway	Tape/Media #: M315-002	pipe length: 115.8 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0166/1601-0167/1601	Lining Method:
	Category:

Remark::

1:275	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1601-0166	00:00:24	2398	
	0.20	Roots Fine Barrel, from 5 to 7 o'clock, within 8 inch: NO	00:00:40	2399	M 2
	4.00	Roots Fine Joint, from 5 to 9 o'clock, within 8 inch: YES	00:01:04	2400, b	M 1
	7.90	Tap Factory, at 3 o'clock, 6", within 8 inch: NO	00:02:08	2402	
	7.90	Roots Ball Lateral, at 3 o'clock, 70 %, within 8 inch: NO	00:02:21	2403	M 4
	7.90	Roots Medium Connection, at 3 o'clock, 35 %, within 8 inch: NO	00:02:38	2404	M 3
	10.70	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:02:56	2405	
	10.70	Roots Medium Lateral, at 9 o'clock, 25 %, within 8 inch: NO	00:03:09	2406	M 3
	12.00	Roots Fine Joint, from 7 to 8 o'clock, within 8 inch: YES	00:03:23	2407, b	M 1
	26.10	Roots Fine Joint, from 6 to 9 o'clock, within 8 inch: YES	00:04:04	2409	M 1
	30.30	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:04:23	2410	
	31.60	Roots Fine Joint, from 11 to 3 o'clock, within 8 inch: YES	00:04:38	2411, b	M 1
	32.70	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:05:06	2413	
	32.70	Roots Medium Lateral, at 9 o'clock, 45 %, within 8 inch: NO	00:05:23	2414	M 3
	34.00	Roots Fine Joint, from 7 to 11 o'clock, within 8 inch: YES	00:05:36	2415, b	M 1
	51.30	Roots Fine Joint, from 10 to 2 o'clock, within 8 inch: YES	00:06:29	2417	M 1
	64.90	Roots Fine Joint, from 8 to 4 o'clock, within 8 inch: YES	00:07:05	2418, b	M 1
	88.30	Roots Fine Joint, from 2 to 3 o'clock, within 8 inch: YES	00:08:00	2420, b	M 1
	95.00	Roots Fine Joint, at 2 o'clock, within 8 inch: YES	00:08:28	2422, b	M 1
	98.60	Roots Fine Joint, from 8 to 2 o'clock, within 8 inch: YES	00:09:00	2424	M 1
	111.80	Roots Fine Joint, from 9 to 11 o'clock, within 8 inch: YES	00:09:30	2425	M 1
	115.80	Manhole, within 8 inch: NO, Remarks: 1601-0167	00:09:49	2426	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	4133	0	26	26	0	1.62	1.62



Inspection report

Date: 20100215	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1125	PSR: 75916
Total Pipe Length: 296.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 02/12/2010	Pre-Cleaned: Jetting	Map Grid #: 1599

Street: CRESTWIND DR	Flow Control: Not Controlled	Start MH: 1599-0080
City: RPV	Year Renewed:	End MH: 1545-0429
Location Code: Light Highway	Tape/Media #: G312-003	pipe length: 281.6 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length: 3.0
Drain. Area: 0080/1599-0429/1545	Lining Method:
	Category:

Remark::

1:462	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1599-0080	00:00:34	654	
	6.00	Water Level, 5 %, within 8 inch: NO	00:01:15	655	
	6.30	Roots Medium Joint, from 2 to 7 o'clock, 25 %, within 8 inch: YES	00:01:51	656, b	M 3
	7.60	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:02:32	658	
	7.60	Roots Medium Connection, from 3 to 6 o'clock, 25 %, within 8 inch: NO	00:02:52	659, b	M 3
	12.00	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:03:28	661	
	13.50	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	00:04:05	662, b	M 1
	13.50	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	00:04:17	664, b	S 3
	14.20	Crack Longitudinal, at 6 o'clock, within 8 inch: YES	00:04:50	666, b	S 2
	14.70	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:05:13	668	
	14.70	Roots Medium Lateral, at 3 o'clock, 25 %, within 8 inch: NO	00:05:27	669, b	M 3
	37.00 S1	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, Start	00:06:40	671, b	M 1
	37.00	Crack Longitudinal, at 12 o'clock, within 8 inch: YES	00:06:53	673, b	S 2
	95.90	Roots Medium Joint, from 2 to 6 o'clock, 25 %, within 8 inch: YES	00:09:40	675, b	M 3
	100.30	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:10:13	677	
	105.30	Roots Medium Joint, from 6 to 10 o'clock, 25 %, within 8 inch: YES	00:11:30	678, b	M 3
	110.10	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:12:24	680	
	149.40 F1	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, End	00:14:17	681	M 1
	156.10 S2	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, Start	00:14:55	682, b	M 1
	173.20	Roots Medium Joint, from 2 to 9 o'clock, 25 %, within 8 inch: YES	00:16:25	684, b	M 3
	190.30	Roots Ball Joint, from 7 to 5 o'clock, 55 %, within 8 inch: YES	00:17:33	686, b	M 4
	197.40	Roots Tap Joint, from 7 to 5 o'clock, 15 %, within 8 inch: YES	00:19:11	688, b	M 2

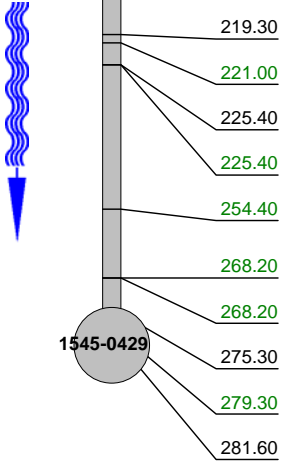


Inspection report

Date: 20100215	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1125	PSR: 75916
Total Pipe Length: 296.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 02/12/2010	Pre-Cleaned: Jetting	Map Grid #: 1599

1:462	position	observation	MPEG	photo	grade
	211.20	F2 Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, End	00:20:21	690	M 1
	219.30	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:21:03	691	
	221.00	Roots Fine Joint, from 8 to 9 o'clock, within 8 inch: YES	00:21:42	692, b	M 1
	225.40	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:22:14	694	
	225.40	Roots Fine Lateral, at 9 o'clock, within 8 inch: NO	00:22:26	695, b	M 1
	254.40	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	00:24:03	697, b	M 1
	268.20	Crack Circumferential, from 6 to 8 o'clock, within 8 inch: YES	00:25:02	699, b	S 1
	268.20	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	00:25:13	701, b	M 1
	275.30	General Observation, within 8 inch: NO, Remarks: JOINT LENGTH 3'	00:26:02	703	
	279.30	Roots Fine Joint, from 3 to 5 o'clock, within 8 inch: YES	00:27:00	704, b	M 1
	281.60	Manhole, within 8 inch: NO, Remarks: 1545-0429	00:27:57	706	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
3122	4136	8	72	80	2	1.29	1.33





Inspection report

Date: 20100225	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1242	PSR: 75395
Total Pipe Length: 249.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 02/24/2010	Pre-Cleaned: Jetting	Map Grid #: 1546

Street: EASEMENT	Flow Control: Not Controlled	Start MH: 1546-0036
City: RPV	Year Renewed:	End MH: 1546-0037
Location Code: Easement/Right of Way	Tape/Media #: G312-011	pipe length: 70.6 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length: 5.0
Drain. Area: 0036/1546-0037/1546	Lining Method:
	Category:

Remark::

1:175	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1546-0036	00:00:33	2865	
	0.00	Water Level, 5 %, within 8 inch: NO	00:00:43	2866	
	1.80 S1	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, Start	00:01:12	2867, b	M 1
	12.10	Roots Tap Joint, from 7 to 5 o'clock, 20 %, within 8 inch: YES	00:02:06	2869, b	M 2
	17.10 S2	Roots Medium Joint, from 7 to 5 o'clock, 30 %, within 8 inch: YES, Start	00:02:57	2871, b	M 3
	17.10 F1	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, End	00:3:10	2875	M 1
	54.80	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:08:31	2876	
	70.60 F2	Roots Medium Joint, from 7 to 5 o'clock, 30 %, within 8 inch: YES, End	00:13:41	2877	M 3
	70.60	Roots Ball Joint, from 2 to 10 o'clock, 55 %, within 8 inch: YES	00:14:02	2878, b	M 4
	70.60	Abandoned Survey, within 8 inch: NO, Remarks: CAMERA BLOCKED BY BALL RO	00:14:38	2880	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	413A	0	49	49	0	2.58	2.58



Inspection report

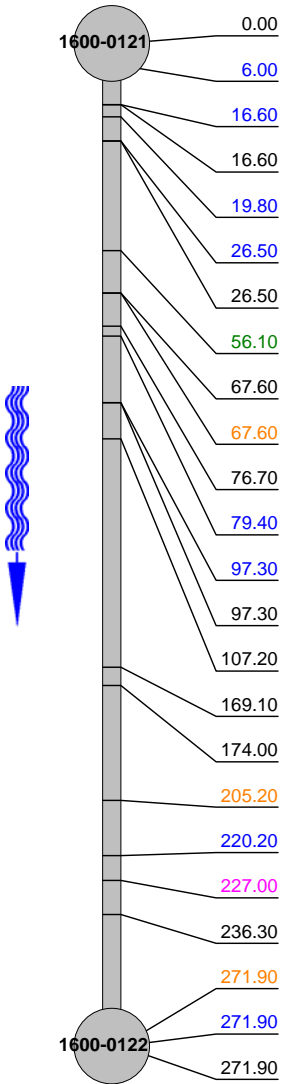
Date: 20100318	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1434	PSR: 71866
Total Pipe Length: 230.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/17/2010	Pre-Cleaned: Jetting	Map Grid #: 1600

Street: OCEANGROVE DR	Flow Control: Not Controlled	Start MH: 1600-0121
City: RPV	Year Renewed	End MH: 1600-0122
Location Code: Light Highway	Tape/Media #: G312-025	pipe length: 271.9 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length: 5.0
Drain. Area: 0121/1600-0122/1600	Lining Method:
	Category:

Remark::

1:625	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1600-0121	00:00:33	6752	
	6.00 S1	Water Level Sag, 30 %, within 8 inch: NO, Start	00:01:50	6753, b	M 2
	16.60 F1	Water Level Sag, 30 %, within 8 inch: NO, End	00:02:28	6755	M 2
	16.60	Water Level, 15 %, within 8 inch: NO	00:02:38	6756	
	19.80 S2	Water Level Sag, 30 %, within 8 inch: NO, Start	00:02:51	6757, b	M 2
	26.50 F2	Water Level Sag, 30 %, within 8 inch: NO, End	00:03:27	6759	M 2
	26.50	Water Level, 15 %, within 8 inch: NO	00:03:38	6760	
	56.10	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	00:04:40	6761, b	M 1
	67.60	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:05:36	6763	
	67.60	Roots Medium Lateral, at 3 o'clock, 25 %, within 8 inch: NO	00:05:55	6764, b	M 3
	76.70	Water Level, 25 %, within 8 inch: NO, Remarks: FLOW LEVELS VARY DUE TO I	00:06:50	6766	
	79.40 S3	Water Level Sag, 30 %, within 8 inch: NO, Start	00:07:08	6767, b	M 2
	97.30 F3	Water Level Sag, 30 %, within 8 inch: NO, End	00:07:55	6769	M 2
	97.30	Water Level, 15 %, within 8 inch: NO	00:08:05	6770	
	107.20	Water Mark, 15 %, within 8 inch: NO	00:08:29	6771	
	169.10	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:10:25	6772	
	174.00	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:10:51	6773	
	205.20 S4	Water Level Sag, 40 %, within 8 inch: NO, Start	00:12:08	6774, b	M 3
	220.20 S5	Deposits Attached Grease, from 8 to 4 o'clock, 10 %, within 8 inch: NO, Start	00:28:40	6776, b	M 2
	227.00	Camera Underwater, within 8 inch: NO	00:29:24	6778	M 4
	236.30	General Observation, within 8 inch: NO, Remarks: MAJOR SAG	00:29:56	6779	
	271.90 F4	Water Level Sag, 40 %, within 8 inch: NO, End	00:31:32	6780	M 3
	271.90 F5	Deposits Attached Grease, from 8 to 4 o'clock, 10 %, within 8 inch: NO, End	00:31:42	6781	M 2
	271.90	Manhole, within 8 inch: NO, Remarks: 1600-0122	00:31:55	6782	





Inspection report

Date: 20100405	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1615	PSR: 69571
Total Pipe Length: 120.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 04/02/2010	Pre-Cleaned: Jetting	Map Grid #: 1654

Street: ALLEY	Flow Control: Not Controlled	Start MH: 1654-0173
City: RPV	Year Renewed	End MH: 1654-0172
Location Code: Alley	Tape/Media #: G312-036	pipe length: 138.8 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length: 5.0
Drain. Area: 0172/1654-0173/1654	Lining Method:
	Category:

Remark::

1:325	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1654-0173	00:00:40	9668	
	0.50 S1	Water Level Sag, 35 %, within 8 inch: NO, Start	00:01:00	9669, b	M 3
	21.70 S2	Roots Fine Joint, from 1 to 5 o'clock, within 8 inch: YES, Start	00:02:12	9671, b	M 1
	64.80	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:04:27	9673	
	64.80	Roots Ball Lateral, at 9 o'clock, 55 %, within 8 inch: NO	00:04:54	9674, b	M 4
	64.80	Roots Tap Connection, from 8 to 10 o'clock, 15 %, within 8 inch: NO	00:05:16	9676, b	M 2
	69.40 F2	Roots Fine Joint, from 1 to 5 o'clock, within 8 inch: YES, End	00:05:53	9678	M 1
	112.80	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:07:27	9679	
	121.00	Crack Multiple, from 12 to 4 o'clock, within 8 inch: YES	00:08:33	9680, b	S 3
	125.00	Water Level, 20 %, within 8 inch: NO	00:09:26	9682	
	128.50 F1	Water Level Sag, 35 %, within 8 inch: NO, End	00:09:41	9683	M 3
	128.50	Water Level, 15 %, within 8 inch: NO	00:10:03	9684	
	138.80	Manhole, within 8 inch: NO, Remarks: 1654-0172	00:10:50	9685	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
3100	413F	3	114	117	3	2.48	2.49



Inspection report

Date: 20100406	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Martin Garcia	section number: 1007	PSR: 69491
Total Pipe Length: 222.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 04/05/2010	Pre-Cleaned: Jetting	Map Grid #: 1654

Street: KINGSRIDGE DR	Flow Control: Not Controlled	Start MH: 1654-0322
City: RPV	Year Renewed:	End MH: 1654-0321
Location Code: Light Highway	Tape/Media #: M315-007	pipe length: 124.4 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0321/1654-0322/1654	Lining Method:
	Category:

Remark::

1:300	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1654-0322	00:00:29	3662	
	5.00	Water Level, 5 %, within 8 inch: NO	00:01:00	3663	
	44.20	Water Level, 10 %, within 8 inch: NO	00:02:17	3664	
	60.00	Water Level, 5 %, within 8 inch: NO	00:02:49	3665	
	75.70	Tap Factory Active, at 3 o'clock, 4", within 8 inch: NO	00:03:25	3666	
	91.80	Water Level, 15 %, within 8 inch: NO	00:04:00	3667	
	106.20	Water Level Sag, 55 %, within 8 inch: NO	00:04:32	3668	M 4
	112.90	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:04:52	3669	
	120.90	Camera Underwater, within 8 inch: NO	00:05:25	3670	M 4
	124.40	Manhole, within 8 inch: NO, Remarks: 1654-0321	00:05:56	3671	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	4200	0	8	8	0	4	4



Inspection report

Date: 20100326	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Martin Garcia	section number: 891	PSR: 71740
Total Pipe Length: 141.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/07/2010	Pre-Cleaned: Jetting	Map Grid #: 1601

Street: PALOS VERDES DR S	Flow Control: Not Controlled	Start MH: 1601-0151
City: RPV	Year Renewed:	End MH: 1601-TRNK
Location Code: Light Highway	Tape/Media #: M315-002	pipe length: 109.8 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0151/1601-TRNK/1601	Lining Method:
	Category:

Remark::

1:250	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1601-0151	00:00:22	2195	
	1.10	Alignment Down, 45 %, within 8 inch: NO	00:01:20	2196	M 4
	12.30	Water Level, 15 %, within 8 inch: NO	00:02:49	2197	
	108.70	Crack Circumferential, from 7 to 5 o'clock, within 8 inch: NO	00:06:17	2198, b	S 1
	108.70	Deposits Attached Encrustation, from 7 to 5 o'clock, 30 %, within 8 inch: NO	00:06:56	2200, b	M 4
	109.80	Manhole, within 8 inch: NO, Remarks: 1601-TRNK	00:07:46	2202	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
1100	4200	1	8	9	1	4	3



Inspection report

Date: 20100329	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 191	PSR: 75368
Total Pipe Length: 192.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/26/2010	Pre-Cleaned: Jetting	Map Grid #: 1546

Street: EASEMENT	Flow Control: Not Controlled	Start MH: 1546-0015
City: RPV	Year Renewed	End MH: 1546-0009
Location Code: Easement/Right of Way	Tape/Media #: R311-036	pipe length: 93.6 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0009/1546-0015/1546	Lining Method:
	Category:

Remark::

1:225	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1546-0015	00:00:25	3525	
	53.10	Tap Factory, at 12 o'clock, 6", within 8 inch: NO	00:04:04	3526	
	85.20 S1	Camera Underwater, within 8 inch: NO, Start	00:05:48	3527, b	M 4
	93.60	Abandoned Survey, within 8 inch: NO, Remarks: Due To Camera Under Water	00:08:32	3529	
	93.60 F1	Camera Underwater, within 8 inch: NO, End	00:08:46	3530	M 4

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	4200	0	8	8	0	4	4



Inspection report

Date: 20100312	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 27	PSR: 71653
Total Pipe Length: 190.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/11/2010	Pre-Cleaned: Jetting	Map Grid #: 1601

Street: EASEMENT	Flow Control: Not Controlled	Start MH: 1601-0182
City: RPV	Year Renewed:	End MH: 1601-0183
Location Code: Easement/Right of Way	Tape/Media #: R025	pipe length: 188.7 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0182/1601-0183/1601	Lining Method:
	Category:

Remark::

1:425	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1601-0182	00:01:00	459	
	10.20	Water Level, 5 %, within 8 inch: NO	00:02:18	460	
	16.00	General Observation, within 8 inch: NO, Remarks: Pipe Joint Length 6'	00:02:52	461	
	142.20	Tap Factory Active, at 3 o'clock, 4", within 8 inch: NO	00:06:07	462	
	176.90	Roots Fine Joint, at 9 o'clock, within 8 inch: YES	00:07:19	463, b	M 1
	177.70	Tap Factory Active, at 9 o'clock, 4", within 8 inch: NO	00:07:54	465	
	177.80	Roots Ball Connection, at 9 o'clock, 85 %, within 8 inch: NO	00:08:11	466, b	M 4
	188.70	Roots Medium Barrel, from 3 to 9 o'clock, 45 %, within 8 inch: NO, Remarks: Mh Channel	00:10:42	468, b	M 4
	188.70	Manhole, within 8 inch: NO, Remarks: 1601-0183	00:10:55	470	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	4211	0	9	9	0	3	3



Inspection report

Date: 20100406	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1639	PSR: 69667
Total Pipe Length: 91.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 04/06/2010	Pre-Cleaned: Jetting	Map Grid #: 1654

Street: VIA SIENA	Flow Control: Not Controlled	Start MH: 1654-0152
City: RPV	Year Renewed:	End MH: 1654-0153
Location Code: Light Highway	Tape/Media #: G312-037	pipe length: 74.5 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length: 3.0
Drain. Area: 0152/1654-0153/1654	Lining Method:
	Category:

Remark::

1:175	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1654-0152	00:00:30	9990	
	5.00	Water Level, 15 %, within 8 inch: NO	00:05:14	9991	
	5.00	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:05:42	9992	
	5.00	Roots Ball Connection, from 12 to 6 o'clock, 55 %, within 8 inch: NO	00:06:08	9993, b	M 4
	23.60	Roots Fine Joint, from 7 to 10 o'clock, within 8 inch: YES, Start	00:07:10	9995, b	M 1
	35.90	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:07:52	9997	
	35.90	Roots Ball Lateral, at 3 o'clock, 55 %, within 8 inch: NO	00:08:06	9998, b	M 4
	67.90	Roots Fine Joint, from 7 to 10 o'clock, within 8 inch: YES, End	00:09:14	10000	M 1
	74.50	Manhole, within 8 inch: NO, Remarks: 1654-0153	00:09:42	10001	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	421A	0	19	19	0	1.46	1.46



Inspection report

Date: 20100225	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1248	PSR: 75324
Total Pipe Length: 312.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 02/24/2010	Pre-Cleaned: Heavy Cleaning	Map Grid #: 1546

Street: CARTIER DR	Flow Control: Not Controlled	Start MH: 1546-0079
City: RPV	Year Renewed:	End MH: 1546-0080
Location Code: Light Highway	Tape/Media #: G312-011	pipe length: 187.5 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 10"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length: 5.0
Drain. Area: 0079/1546-0080/1546	Lining Method:
	Category:

Remark::

1:425	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1546-0079	00:00:30	2964	
	6.00	Water Level, 15 %, within 8 inch: NO	00:01:01	2965	
	15.60	Water Mark, 15 %, within 8 inch: NO	00:01:19	2966	
	35.20	Roots Fine Joint, from 9 to 12 o'clock, within 8 inch: YES	00:02:08	2967, b	M 1
	50.90 S1	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, Start	00:03:13	2969, b	M 1
	52.40	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:03:46	2971	
	52.40	Roots Ball Lateral, at 9 o'clock, 55 %, within 8 inch: NO	00:04:22	2972, b	M 4
	163.00	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:07:57	2974	
	163.00	Roots Ball Lateral, at 9 o'clock, 55 %, within 8 inch: NO	00:08:14	2975, b	M 4
	181.20 S2	Water Level Sag, 25 %, within 8 inch: NO, Start	00:09:17	2977, b	M 2
	187.50 F1	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, End	00:10:08	2979	M 1
	187.50 F2	Water Level Sag, 25 %, within 8 inch: NO, End	00:10:20	2980	M 2
	187.50	Abandoned Survey, within 8 inch: NO, Remarks: COMPLETES INSPECTION OF E	00:10:43	2981	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	4222	0	47	47	0	1.21	1.21



Inspection report

Date: 20100312	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1385	PSR: 71999-A
Total Pipe Length: 258.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/11/2010	Pre-Cleaned: Jetting	Map Grid #: 1600

Street: VALOR PL	Flow Control: Not Controlled	Start MH: 1600-0036-A
City: RPV	Year Renewed	End MH: 1600-0033
Location Code: Light Highway	Tape/Media #: G312-022	pipe length: 32.8 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length: 5.0
Drain. Area: 0033/1600-0036-A/1600	Lining Method:
	Category:

Remark::

1:75	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1600-0036-A, UNDOCUMENTED	00:00:49	5691	
	0.00	Water Level, 5 %, within 8 inch: NO	00:01:06	5692	
	6.10	S1 Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, Start	00:01:35	5693, b	M 1
	6.30	Crack Longitudinal, at 9 o'clock, within 8 inch: YES	00:01:48	5695, b	S 2
	13.00	Crack Multiple, from 7 to 9 o'clock, within 8 inch: YES	00:02:45	5697, b	S 3
	13.00	Roots Medium Joint, from 2 to 6 o'clock, 20 %, within 8 inch: YES	00:03:14	5700, b	M 3
	29.30	F1 Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, End	00:04:32	5702	M 1
	29.30	S2 Deposits Settled Compacted, from 3 to 6 o'clock, 25 %, within 8 inch: YES, Start	00:05:21	5703, b	M 4
	29.30	Water Level, 55 %, within 8 inch: NO	00:05:41	5705	
	31.30	F2 Deposits Settled Compacted, from 3 to 6 o'clock, 25 %, within 8 inch: YES, End	00:06:34	5706	M 4
32.80	Deposits Settled Compacted, from 4 to 8 o'clock, 25 %, within 8 inch: NO, Remarks: ASPHALT	00:07:11	5707, b	M 4	
32.80	Abandoned Survey, within 8 inch: NO, Remarks: CAMERA BLOCKED BY ASPHALT	00:07:34	5709		

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
3121	4231	5	17	22	2.5	1.89	2



Inspection report

Date: 20100224	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1232	PSR: 75380
Total Pipe Length: 61.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 02/23/2010	Pre-Cleaned: Jetting	Map Grid #: 1546

Street: RHONE DR	Flow Control: Not Controlled	Start MH: 1546-0022
City: RPV	Year Renewed	End MH: 1546-0023
Location Code: Light Highway	Tape/Media #: G312-010	pipe length: 77.9 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 10"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length: 5.0
Drain. Area: 0022/1546-0023/1546	Lining Method:
	Category:

Remark::

1:175	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1546-0022	00:00:33	2666	
	5.00	Water Level, 15 %, within 8 inch: NO	00:01:16	2667	
	6.80	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:01:34	2668	
	6.80	Roots Fine Lateral, at 9 o'clock, within 8 inch: NO	00:01:45	2669, b	M 1
	9.80	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:02:23	2671	
	9.80	Roots Medium Lateral, at 3 o'clock, 25 %, within 8 inch: NO	00:02:38	2672, b	M 3
	10.60	Roots Fine Joint, from 8 to 4 o'clock, within 8 inch: YES	00:3:10	2674, b	M 1
	10.60	General Observation, within 8 inch: NO, Remarks: 10" VCP LINE, SPREADSHEET	00:03:43	2676	
	20.80	Roots Ball Joint, from 8 to 4 o'clock, 55 %, within 8 inch: YES	00:04:17	2677, b	M 4
	26.10	Roots Fine Joint, from 8 to 4 o'clock, within 8 inch: YES	00:05:14	2679, b	M 1
31.20	Roots Ball Joint, from 7 to 5 o'clock, 55 %, within 8 inch: YES	00:05:56	2681, b	M 4	
41.70	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	00:06:45	2683, b	M 1	
	77.90	Manhole, within 8 inch: NO, Remarks: 1546-0023	00:08:11	2685	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	4231	0	15	15	0	2.14	2.14



Inspection report

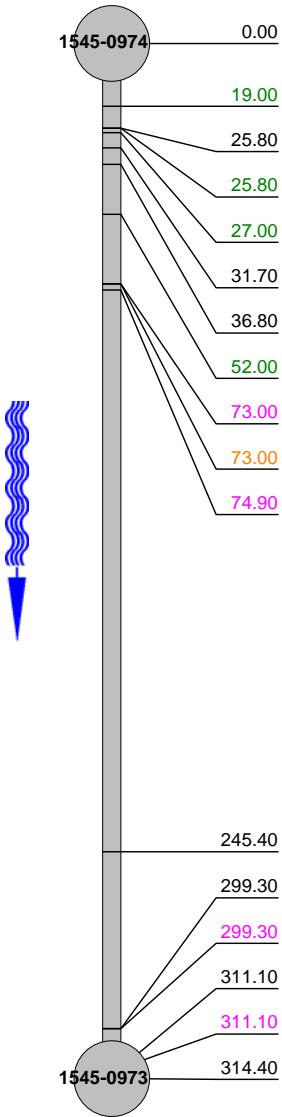
Date: 20100222	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 738	PSR: 75420
Total Pipe Length: 307.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 02/17/2010	Pre-Cleaned: Jetting	Map Grid #: 1545

Street: MATISSE DR	Flow Control: Not Controlled	Start MH: 1545-0974
City: RPV	Year Renewed:	End MH: 1545-0973
Location Code: Light Highway	Tape/Media #: R315-011	pipe length: 314.4 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0973/1545-0974/1545	Lining Method:
	Category:

Remark::

1:700	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1545-0974	00:00:32	61	
	19.00	Roots Fine Joint, from 8 to 9 o'clock, within 8 inch: YES	00:01:42	62, b	M 1
	25.80	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:02:18	64	
	25.80	Roots Fine Lateral, at 9 o'clock, within 8 inch: NO	00:02:30	65, b	M 1
	27.00	Roots Fine Joint, at 3 o'clock, within 8 inch: YES	00:02:57	67, b	M 1
	31.70	Water Level, 5 %, within 8 inch: NO	00:03:29	69	
	36.80	General Observation, within 8 inch: NO, Remarks: Pipe Joint Length 5'	00:04:01	70	
	52.00	Roots Fine Joint, from 12 to 1 o'clock, within 8 inch: YES	00:04:46	71, b	M 1
	73.00	Fracture Multiple, from 12 to 3 o'clock, within 8 inch: YES	00:06:30	73, b	S 4
	73.00	Roots Medium Joint, from 3 to 4 o'clock, 20 %, within 8 inch: YES	00:07:17	75, b	M 3
	74.90	Fracture Multiple, from 12 to 11 o'clock, within 8 inch: NO	00:08:03	77, b	S 4
	245.40	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:13:01	79	
	299.30	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:15:36	80	
	299.30	Roots Ball Lateral, at 9 o'clock, 60 %, within 8 inch: NO	00:16:02	81, b	M 4
	311.10	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:16:59	83	
	311.10	Roots Ball Connection, at 9 o'clock, 75 %, within 8 inch: NO	00:17:22	84, b	M 4
	314.40	Manhole, within 8 inch: NO, Remarks: 1545-0973	00:18:13	86	





Inspection report

Date: 20100330	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 211	PSR: 72023
Total Pipe Length: 239.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/26/2010	Pre-Cleaned: Jetting	Map Grid #: 1599

Street: EASEMENT	Flow Control: Not Controlled	Start MH: 1599-0102
City: RPV	Year Renewed	End MH: 1599-0101
Location Code: Easement/Right of Way	Tape/Media #: R311-037	pipe length: 112.1 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0101/1599-0102/1599	Lining Method:
	Category:

Remark::

1:250	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1599-0102	00:00:28	3801	
	2.00	Roots Fine Joint, from 11 to 3 o'clock, within 8 inch: YES	00:01:12	3802, b	M 1
	6.00	Water Level, 5 %, within 8 inch: NO	00:01:58	3804	
	18.80	General Observation, within 8 inch: NO, Remarks: Pipe Joint Length 3'	00:02:48	3805	
	37.80	Roots Ball Joint, from 8 to 4 o'clock, 85 %, within 8 inch: YES	00:04:48	3806, b	M 4
	84.90	Roots Medium Joint, from 3 to 6 o'clock, 30 %, within 8 inch: YES	00:07:06	3808, b	M 3
	112.10	Roots Ball Joint, from 4 to 11 o'clock, 85 %, within 8 inch: YES	00:09:51	3810, b	M 4
	112.10	Abandoned Survey, within 8 inch: NO, Remarks: Due To Roots Ball Joint A	00:10:41	3812, b	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	4231	0	12	12	0	3	3



Inspection report

Date: 20100330	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 205	PSR: 75231
Total Pipe Length: 237.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/26/2010	Pre-Cleaned: Jetting	Map Grid #: 1546

Street: SEACOVE DR	Flow Control: Not Controlled	Start MH: 1546-0220
City: RPV	Year Renewed	End MH: 1546-0228
Location Code: Light Highway	Tape/Media #: R311-037	pipe length: 255.9 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0220/1546-0228/1546	Lining Method:
	Category:

Remark::

1:575	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1546-0220	00:00:29	3705	
	9.80	Water Level, 5 %, within 8 inch: NO	00:1:10	3706	
	15.00	General Observation, within 8 inch: NO, Remarks: Pipe Joint Length 5'	00:01:49	3707	
	40.50	S1 Roots Fine Joint, from 8 to 12 o'clock, within 8 inch: YES, Start	00:03:03	3708, b	M 1
	45.50	F1 Roots Fine Joint, from 8 to 12 o'clock, within 8 inch: YES, End	00:03:31	3710, b	M 1
	57.40	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:04:16	3712	
	57.40	Roots Ball Connection, at 3 o'clock, 75 %, within 8 inch: NO	00:04:31	3713, b	M 4
	80.70	Deposits Attached Grease, from 10 to 2 o'clock, 5 %, within 8 inch: NO	00:05:43	3715, b	M 2
	89.10	S2 Deposits Attached Grease, from 9 to 3 o'clock, 5 %, within 8 inch: NO, Start	00:06:22	3717, b	M 2
	93.70	F2 Deposits Attached Grease, from 9 to 3 o'clock, 5 %, within 8 inch: NO, End	00:06:49	3719	M 2
	93.70	Roots Fine Joint, from 9 to 3 o'clock, within 8 inch: YES	00:07:04	3720, b	M 1
	98.60	Tap Break-in, at 9 o'clock, 4", within 8 inch: NO	00:07:41	3722	
	98.60	Roots Ball Connection, at 9 o'clock, 65 %, within 8 inch: NO	00:07:54	3723, b	M 4
	105.60	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:08:34	3725	
	105.60	Roots Medium Lateral, at 3 o'clock, 30 %, within 8 inch: NO	00:08:51	3726, b	M 3
	155.80	Tap Break-in Active, at 2 o'clock, 4", within 8 inch: NO	00:10:33	3728	
	177.70	Fracture Circumferential, from 11 to 1 o'clock, within 8 inch: YES	00:11:35	3729, b	S 2
	177.70	Crack Circumferential, from 2 to 5 o'clock, within 8 inch: YES	00:11:57	3731, b	S 1
	179.40	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:12:35	3733	
	192.60	Roots Fine Joint, at 9 o'clock, within 8 inch: YES	00:13:14	3734, b	M 1
	255.90	Manhole, within 8 inch: NO, Remarks: 1546-0228	00:15:27	3736	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
2111	4231	3	18	21	1.5	2.25	2.1



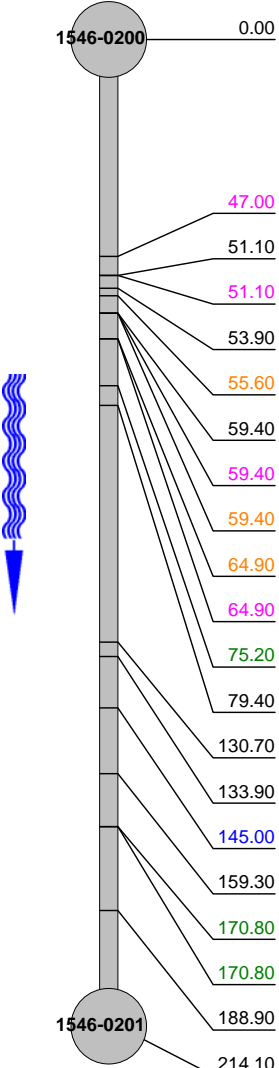
Inspection report

Date: 20100713	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 3303	PSR: 75210
Total Pipe Length: 215.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 07/12/2010	Pre-Cleaned: Jetting	Map Grid #: 1546

Street: EASEMENT	Flow Control: Not Controlled	Start MH: 1546-0200
City: RPV	Year Renewed	End MH: 1546-0201
Location Code: Easement/Right of Way	Tape/Media #: R311-108	pipe length: 214.1 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0200/1546-0201/1546	Lining Method:
	Category:

Remark::

1:500	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1546-0200	00:00:28	436	
	47.00	Fracture Multiple, from 9 to 3 o'clock, within 8 inch: YES	00:03:30	437, b	S 4
	51.10	Tap Factory Capped, at 9 o'clock, 4", within 8 inch: NO	00:04:42	439	
	51.10	Roots Ball Lateral, at 9 o'clock, 90 %, within 8 inch: NO	00:05:02	440, b	M 4
	53.90	Tap Factory Capped, at 3 o'clock, 4", within 8 inch: NO	00:05:47	442	
	55.60	Crack Multiple, from 10 to 3 o'clock, within 8 inch: YES	00:06:57	443, b	S 3
	59.40	Tap Factory Active, at 3 o'clock, 4", within 8 inch: NO	00:07:51	445	
	59.40	Roots Ball Lateral, at 3 o'clock, 60 %, within 8 inch: NO	00:08:08	446, b	M 4
	59.40	Roots Medium Connection, at 3 o'clock, 35 %, within 8 inch: NO	00:08:51	448, b	M 3
	64.90	Roots Medium Joint, from 4 to 6 o'clock, 25 %, within 8 inch: YES	00:09:55	450, b	M 3
	64.90	Fracture Multiple, from 7 to 5 o'clock, within 8 inch: YES	00:10:33	452, b	S 4
	75.20	Crack Circumferential, from 8 to 3 o'clock, within 8 inch: YES	00:11:43	454, b	S 1
	79.40	Water Level, 5 %, within 8 inch: NO	00:12:12	456	
	130.70	Tap Factory Capped, at 9 o'clock, 4", within 8 inch: NO	00:14:21	457	
	133.90	Tap Factory Capped, at 3 o'clock, 4", within 8 inch: NO	00:15:35	458	
	145.00	Crack Longitudinal, at 11 o'clock, within 8 inch: YES	00:16:28	459, b	S 2
	159.30	Tap Factory Capped, at 3 o'clock, 4", within 8 inch: NO	00:17:33	461	
	170.80	Roots Fine Joint, from 11 to 12 o'clock, within 8 inch: YES	00:18:44	462, b	M 1
	170.80	Crack Circumferential, from 11 to 12 o'clock, within 8 inch: YES	00:18:56	464, b	S 1
	188.90	Tap Factory Capped, at 9 o'clock, 4", within 8 inch: NO	00:20:07	466	
	214.10	Manhole, within 8 inch: NO, Remarks: 1546-0201	00:21:29	467	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
4231	4232	15	15	30	2.5	3	2.73



Inspection report

Date: 20100311	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1363	PSR: 72000
Total Pipe Length: 128.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/10/2010	Pre-Cleaned: Jetting	Map Grid #: 1600

Street: HELM PL	Flow Control: Not Controlled	Start MH: 1600-0034
City: RPV	Year Renewed:	End MH: 1600-0035
Location Code: Light Highway	Tape/Media #: G312-021	pipe length: 146.9 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length: 3.0
Drain. Area: 0034/1600-0035/1600	Lining Method:
	Category:

Remark::

1:350	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1600-0034	00:00:36	5298	
	3.00 S1	Crack Multiple, from 3 to 9 o'clock, within 8 inch: YES, Start	00:01:18	5299, b	S 3
	3.00 S2	Roots Fine Joint, from 3 to 9 o'clock, within 8 inch: YES, Start	00:01:29	5301, b	M 1
	5.00	Water Level, 5 %, within 8 inch: NO	00:02:05	5303	
	7.10	Surface Spalling Other, from 7 to 10 o'clock, within 8 inch: YES	00:02:52	5304, b	S 2
	20.70 F1	Crack Multiple, from 3 to 9 o'clock, within 8 inch: YES, End	00:03:27	5306	S 3
	20.70 F2	Roots Fine Joint, from 3 to 9 o'clock, within 8 inch: YES, End	00:03:41	5307	M 1
	31.10 S3	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES, Start	00:04:25	5308, b	S 3
	31.10 S4	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, Start	00:04:49	5310, b	M 1
	119.80	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:07:18	5313	
	119.80	Roots Medium Connection, from 6 to 9 o'clock, 25 %, within 8 inch: NO	00:07:48	5314, b	M 3
	127.10	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:08:21	5316	
	134.90 S6	Roots Medium Barrel, from 6 to 8 o'clock, 25 %, within 8 inch: NO, Start	00:10:32	5317, b	M 4
	138.50	Obstacle Construction Debris, from 6 to 9 o'clock, 20 %, within 8 inch: NO, Remarks: ASHALT	00:13:51	5319, b	M 3
	140.60	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:14:27	5321	
	142.90 F3	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES, End	00:14:42	5322	S 3
	142.90 F4	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, End	00:14:55	5323	M 1
	142.90 F6	Roots Medium Barrel, from 6 to 8 o'clock, 25 %, within 8 inch: NO, End	00:15:06	5324	M 4
	146.90	Manhole, within 8 inch: NO, Remarks: 1600-0035	00:15:38	5325	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
3F21	4232	98	46	144	2.97	1.28	2.09



Inspection report

Date: 20100309	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1335	PSR: 75242
Total Pipe Length: 167.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/08/2010	Pre-Cleaned: Jetting	Map Grid #: 1546

Street: EASEMENT	Flow Control: Not Controlled	Start MH: 1546-0112
City: RPV	Year Renewed:	End MH: 1546-0115
Location Code: Easement/Right of Way	Tape/Media #: G312-019	pipe length: 95.4 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length: 3.0
Drain. Area: 0112/1546-0115/1546	Lining Method:
	Category:

Remark::

1:225	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1546-0112	00:00:33	4556	
	2.00	Roots Medium Joint, from 6 to 9 o'clock, 25 %, within 8 inch: YES	00:03:56	4557, b	M 3
	3.00	Water Level, 10 %, within 8 inch: NO	00:04:52	4559	
	5.20	Roots Medium Joint, from 6 to 9 o'clock, 25 %, within 8 inch: YES	00:05:38	4560, b	M 3
	15.90	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	00:06:39	4562, b	M 1
	38.50	S1 Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, Start	00:07:38	4564, b	M 1
	80.60	F1 Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, End	00:09:00	4566	M 1
	84.90	Roots Ball Joint, from 3 to 9 o'clock, 55 %, within 8 inch: YES	00:09:47	4567, b	M 4
	86.00	Water Level, 15 %, within 8 inch: NO	00:10:32	4569	
	89.10	S2 Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, Start	00:11:14	4570, b	M 1
	95.00	Roots Ball Joint, from 6 to 10 o'clock, 55 %, within 8 inch: YES	00:12:11	4572, b	M 4
	95.40	F2 Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, End	00:12:57	4574	M 1
	95.40	Abandoned Survey, within 8 inch: NO, Remarks: CAMERA BLOCKED BY BALL RO	00:13:20	4575	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	4232	0	28	28	0	1.56	1.56



Inspection report

Date: 20100219	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1176	PSR: 76020
Total Pipe Length: 292.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 02/18/2010	Pre-Cleaned: Jetting	Map Grid #: 1545

Street: EASEMENT	Flow Control: Not Controlled	Start MH: 1545-0423
City: RPV	Year Renewed:	End MH: 1545-0422
Location Code: Easement/Right of Way	Tape/Media #: G312-007	pipe length: 47.1 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0422/1545-0423/1545	Lining Method:
	Category:

Remark::

1:125	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1545-0423	00:00:50	1868	
	0.50	Roots Medium Joint, from 3 to 9 o'clock, 25 %, within 8 inch: YES	00:01:29	1869, b	M 3
	6.00	Water Level, 5 %, within 8 inch: NO	00:03:16	1871	
	6.00 S1	Roots Fine Joint, from 7 to 9 o'clock, within 8 inch: YES, Start	00:03:29	1872, b	M 1
	13.10	Roots Tap Joint, from 2 to 5 o'clock, 20 %, within 8 inch: YES	00:04:53	1874, b	M 2
	18.10	Roots Ball Joint, from 2 to 6 o'clock, 55 %, within 8 inch: YES	00:05:49	1876, b	M 4
	21.10	Roots Ball Joint, from 1 to 7 o'clock, 65 %, within 8 inch: YES	00:06:53	1878, b	M 4
	47.10 F1	Roots Fine Joint, from 7 to 9 o'clock, within 8 inch: YES, End	00:09:42	1880	M 1
	47.10	Roots Medium Joint, from 2 to 6 o'clock, 35 %, within 8 inch: YES	00:10:17	1881, b	M 3
	47.10	Abandoned Survey, within 8 inch: NO, Remarks: COMPLETES INSPECTION OF E	00:10:52	1883	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	4232	0	26	26	0	1.73	1.73



Inspection report

Date: 20100405	P.O.#: Y0TV0910A	Weather: Light Rain	Surveyed By: Martin Garcia	section number: 982	PSR: 69646
Total Pipe Length: 318.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/29/2010	Pre-Cleaned: Jetting	Map Grid #: 1654

Street: MIRALESTE DR	Flow Control: Not Controlled	Start MH: 1654-0135
City: RPV	Year Renewed:	End MH: 1654-0134
Location Code: Light Highway	Tape/Media #: M315-007	pipe length: 351.8 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0135/1654-0134/1654	Lining Method:
	Category:

Remark::

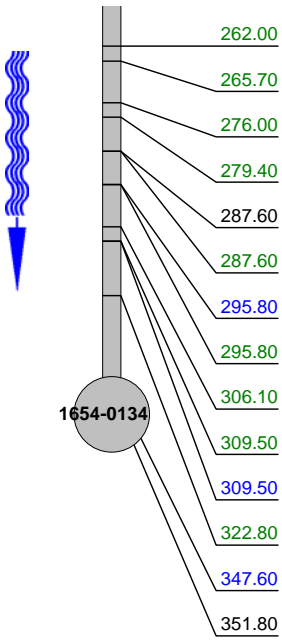
1:561	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1654-0135	00:00:30	3363	
	1.90	Roots Fine Joint, from 1 to 3 o'clock, within 8 inch: YES	00:00:49	3364, b	M 1
	3.90	Water Level, 10 %, within 8 inch: NO	00:01:09	3366	
	8.60	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:01:29	3367	
	8.60	Roots Ball Lateral, at 3 o'clock, 90 %, within 8 inch: NO	00:01:45	3368	M 4
	10.00	Roots Fine Joint, from 7 to 10 o'clock, within 8 inch: YES	00:02:00	3369, b	M 1
	75.60	Roots Fine Joint, from 10 to 11 o'clock, within 8 inch: YES	00:04:20	3371, b	M 1
	83.70	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:05:02	3373	
	83.70	Roots Ball Lateral, at 3 o'clock, 95 %, within 8 inch: NO	00:05:16	3374	M 4
	83.70	Roots Fine Connection, at 3 o'clock, within 8 inch: NO	00:05:34	3375	M 1
	85.10	Roots Fine Joint, from 1 to 3 o'clock, within 8 inch: YES	00:05:49	3376, b	M 1
	88.30 S1	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, Start	00:06:18	3378, b	M 1
	145.00	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:09:03	3382	
	145.00	Roots Medium Lateral, at 3 o'clock, 25 %, within 8 inch: NO	00:09:19	3383	M 3
	145.00	Roots Medium Connection, at 3 o'clock, 30 %, within 8 inch: NO	00:09:55	3384	M 3
	153.70	Crack Circumferential, from 8 to 9 o'clock, within 8 inch: YES	00:10:44	3385, b	S 1
	168.40 F1	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, End	00:11:32	3387	M 1
	204.20	Roots Fine Joint, from 12 to 1 o'clock, within 8 inch: YES	00:12:48	3388, b	M 1
	211.30	Roots Fine Joint, from 3 to 5 o'clock, within 8 inch: YES	00:13:19	3390, b	M 1
	212.40	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:13:42	3392	
	212.40	Roots Fine Lateral, at 3 o'clock, within 8 inch: NO	00:13:53	3393	M 1
	227.70	Roots Fine Joint, from 10 to 2 o'clock, within 8 inch: YES	00:14:39	3394, b	M 1
	234.40	Roots Fine Joint, at 3 o'clock, within 8 inch: YES	00:15:17	3396, b	M 1



Inspection report

Date: 20100405	P.O.#: Y0TV0910A	Weather: Light Rain	Surveyed By: Martin Garcia	section number: 982	PSR: 69646
Total Pipe Length: 318.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/29/2010	Pre-Cleaned: Jetting	Map Grid #: 1654

1:561	position	observation	MPEG	photo	grade
	<u>262.00</u>	Roots Fine Joint, at 3 o'clock, within 8 inch: YES	00:16:57	3398	M 1
	<u>265.70</u>	Roots Fine Joint, at 12 o'clock, within 8 inch: YES	00:17:23	3399, b	M 1
	<u>276.00</u>	Roots Fine Joint, from 3 to 9 o'clock, within 8 inch: YES	00:18:26	3401, b	M 1
	<u>279.40</u>	Roots Fine Joint, from 3 to 9 o'clock, within 8 inch: YES	00:18:58	3403, b	M 1
	<u>287.60</u>	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:19:36	3405, b	
	<u>287.60</u>	Roots Fine Lateral, at 3 o'clock, within 8 inch: NO	00:19:46	3407	M 1
	<u>295.80</u>	Fracture Circumferential, from 7 to 10 o'clock, within 8 inch: YES	00:20:21	3408, b	S 2
	<u>295.80</u>	Roots Fine Joint, from 3 to 4 o'clock, within 8 inch: YES	00:20:35	3410	M 1
	<u>306.10</u>	Crack Circumferential, from 12 to 6 o'clock, within 8 inch: YES	00:21:19	3411, b	S 1
	<u>309.50</u>	Roots Fine Joint, from 4 to 8 o'clock, within 8 inch: YES	00:21:47	3413	M 1
	<u>309.50</u>	Alignment Down, 20 %, within 8 inch: NO	00:22:11	3414	M 2
	<u>322.80</u>	Roots Fine Joint, from 9 to 3 o'clock, within 8 inch: YES	00:23:00	3415, b	M 1
	<u>347.60</u>	Roots Tap Joint, at 1 o'clock, 10 %, within 8 inch: YES	00:24:04	3417, b	M 2
	<u>351.80</u>	Manhole, within 8 inch: NO, Remarks: 1654-0134	00:24:39	3419	





Inspection report

Date: 20100211	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 590	PSR: 76051
Total Pipe Length: 287.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 02/08/2010	Pre-Cleaned: Jetting	Map Grid #: 1545

Street: WHITLEY COLLINS DR	Flow Control: Not Controlled	Start MH: 1545-0347
City: RPV	Year Renewed:	End MH: 1545-0348
Location Code: Light Highway	Tape/Media #: R004	pipe length: 294.9 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0347/1545-0348/1545	Lining Method:
	Category:

Remark::

1:675	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1545-0347	00:00:26	849	
	4.00	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:00:55	850	
	9.90	Water Level, 5 %, within 8 inch: NO	00:01:38	851	
	14.90	General Observation, within 8 inch: NO, Remarks: Pipe Joint Length 5'	00:01:59	852	
	68.00	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:03:22	853	
	152.10	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:05:32	854	
	152.10	Roots Medium Lateral, at 9 o'clock, 50 %, within 8 inch: NO	00:05:50	855, b	M 3
	153.10	Roots Fine Joint, at 9 o'clock, within 8 inch: YES	00:06:16	857, b	M 1
	159.80	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:06:46	859	
	159.80	Roots Fine Lateral, at 3 o'clock, within 8 inch: NO	00:06:56	860, b	M 1
	181.10	Roots Fine Joint, at 3 o'clock, within 8 inch: YES	00:07:50	862, b	M 1
	191.20	Roots Fine Joint, at 3 o'clock, within 8 inch: YES	00:08:24	864, b	M 1
	206.40 S1	Roots Fine Joint, at 9 o'clock, within 8 inch: YES, Start	00:09:05	866, b	M 1
	217.90	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:09:43	868	
	217.90	Roots Ball Connection, at 3 o'clock, 85 %, within 8 inch: NO	00:09:58	869, b	M 4
	244.70 F1	Roots Fine Joint, at 9 o'clock, within 8 inch: YES, End	00:10:58	871, b	M 1
	251.20	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:11:35	873	
	251.20	Roots Medium Lateral, at 9 o'clock, 50 %, within 8 inch: NO	00:11:52	874, b	M 3
	252.50	Roots Fine Joint, at 9 o'clock, within 8 inch: YES	00:12:18	876, b	M 1
	269.20	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:13:05	878	
	269.20	Roots Ball Connection, at 3 o'clock, 85 %, within 8 inch: NO	00:13:20	879, b	M 4
	275.40	Roots Fine Joint, from 3 to 9 o'clock, within 8 inch: YES	00:13:56	881, b	M 1
	290.70	Roots Fine Joint, at 9 o'clock, within 8 inch: YES	00:14:44	883, b	M 1
	294.90	Manhole, within 8 inch: NO, Remarks: 1545-0348	00:15:18	885	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	4232	0	31	31	0	1.48	1.48



Inspection report

Date: 20100317	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 73	PSR: 71856
Total Pipe Length: 223.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/15/2010	Pre-Cleaned: Jetting	Map Grid #: 1600

Street: GANADO DR	Flow Control: Not Controlled	Start MH: 1600-0110
City: RPV	Year Renewed	End MH: 1600-0111
Location Code: Light Highway	Tape/Media #: R028	pipe length: 223.6 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0110/1600-0111/1600	Lining Method:
	Category:

Remark::

1:297	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1600-0110	00:00:25	1368	
	12.40	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:02:58	1369	
	12.40	Roots Medium Lateral, at 9 o'clock, 30 %, within 8 inch: NO	00:03:15	1370, b	M 3
	18.20	Water Level, 5 %, within 8 inch: NO	00:03:48	1372	
	23.50	General Observation, within 8 inch: NO, Remarks: Pipe Joint Length 5'	00:04:17	1373	
	33.70	Roots Fine Joint, from 2 to 9 o'clock, within 8 inch: YES	00:04:45	1374, b	M 1
	59.30	Roots Fine Joint, from 8 to 4 o'clock, within 8 inch: YES	00:05:51	1376, b	M 1
	65.00 S1	Roots Fine Joint, from 4 to 5 o'clock, within 8 inch: YES, Start	00:06:30	1378, b	M 1
	66.00	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:06:57	1380	
	66.00	Roots Ball Connection, at 3 o'clock, 95 %, within 8 inch: NO	00:7:10	1381, b	M 4
	67.20 F1	Roots Fine Joint, from 4 to 5 o'clock, within 8 inch: YES, End	00:07:43	1383, b	M 1
	74.50 S2	Roots Fine Joint, from 9 to 3 o'clock, within 8 inch: YES, Start	00:08:17	1385, b	M 1
	79.80 F2	Roots Fine Joint, from 9 to 3 o'clock, within 8 inch: YES, End	00:08:44	1387, b	M 1
	85.10 S3	Roots Fine Joint, at 4 o'clock, within 8 inch: YES, Start	00:09:18	1389, b	M 1
	90.00 F3	Roots Fine Joint, at 4 o'clock, within 8 inch: YES, End	00:09:48	1391, b	M 1
	95.10 S4	Roots Fine Joint, from 5 to 8 o'clock, within 8 inch: YES, Start	00:10:21	1393, b	M 1
	105.60 F4	Roots Fine Joint, from 5 to 8 o'clock, within 8 inch: YES, End	00:10:56	1395, b	M 1
	115.60	Roots Fine Joint, from 3 to 5 o'clock, within 8 inch: YES	00:11:35	1397, b	M 1
	120.50 S5	Roots Fine Joint, at 3 o'clock, within 8 inch: YES, Start	00:12:07	1399, b	M 1
	127.10	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:12:39	1401	
	127.10	Roots Medium Connection, at 9 o'clock, 40 %, within 8 inch: NO	00:12:55	1402, b	M 3
	130.10 F5	Roots Fine Joint, at 3 o'clock, within 8 inch: YES, End	00:13:29	1404, b	M 1



Inspection report

Date: 20100317	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 73	PSR: 71856
Total Pipe Length: 223.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/15/2010	Pre-Cleaned: Jetting	Map Grid #: 1600

1:297	position	observation	MPEG	photo	grade
	141.90	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:14:11	1406	
	141.90	Roots Ball Connection, at 3 o'clock, 75 %, within 8 inch: NO	00:14:27	1407, b	M 4
	143.30 S6	Roots Fine Joint, from 3 to 5 o'clock, within 8 inch: YES, Start	00:15:06	1409, b	M 1
	150.70 F6	Roots Fine Joint, from 3 to 5 o'clock, within 8 inch: YES, End	00:15:42	1411, b	M 1
	165.80	Roots Fine Joint, at 3 o'clock, within 8 inch: YES	00:16:31	1413, b	M 1
	180.90	Roots Fine Joint, at 3 o'clock, within 8 inch: YES	00:17:18	1415, b	M 1
	212.70	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:18:31	1417	
	223.60	Manhole, within 8 inch: NO, Remarks: 1600-0111	00:19:17	1418	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	4232	0	29	29	0	1.53	1.53



Inspection report

Date: 20100405	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1623	PSR: 69663
Total Pipe Length: 220.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 04/02/2010	Pre-Cleaned: Jetting	Map Grid #: 1654

Street: VIA SIENA	Flow Control: Not Controlled	Start MH: 1654-0149
City: RPV	Year Renewed	End MH: 1654-0150
Location Code: Light Highway	Tape/Media #: G312-036	pipe length: 337.3 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length: 3.0
Drain. Area: 0149/1654-0150/1654	Lining Method:
	Category:

Remark::

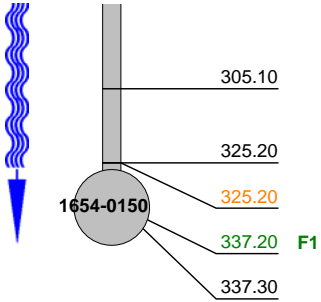
1:627	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1654-0149	00:00:52	9786	
	0.20	Water Level, 10 %, within 8 inch: NO	00:01:04	9787	
	34.90	Tap Factory Active, at 12 o'clock, 6", within 8 inch: NO	00:02:59	9788	
	34.90	Roots Medium Connection, from 10 to 2 o'clock, 25 %, within 8 inch: NO	00:03:17	9789, b	M 3
	43.50	Fracture Multiple, from 7 to 5 o'clock, within 8 inch: NO	00:05:50	9791, b	S 4
	43.90	Tap Factory Defective, at 3 o'clock, 6", 2, within 8 inch: NO	00:06:24	9793	M 2
	43.90	Fracture Circumferential, from 2 to 4 o'clock, within 8 inch: NO	00:06:40	9794, b	S 2
	116.80	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:08:59	9796	
	154.40	Tap Factory Active, at 12 o'clock, 6", within 8 inch: NO	00:10:05	9797	
	191.00	Joint Offset Medium, within 8 inch: YES	00:11:27	9798, b	S 1
	191.00	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	00:11:44	9800, b	M 1
	192.20	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:12:50	9802	
	192.20	Roots Ball Lateral, at 3 o'clock, 55 %, within 8 inch: NO	00:13:14	9803, b	M 4
	193.30	Tap Break-in Active, at 3 o'clock, 6", within 8 inch: NO	00:14:13	9805	
	193.30	Roots Ball Lateral, at 3 o'clock, 55 %, within 8 inch: NO	00:14:36	9806, b	M 4
	193.60	Fracture Circumferential, from 9 to 11 o'clock, within 8 inch: YES	00:15:22	9808, b	S 2
	193.60	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, Start	00:15:36	9810, b	M 1
	247.30	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:17:52	9812	
	247.30	Roots Medium Lateral, at 9 o'clock, 35 %, within 8 inch: NO	00:18:16	9813, b	M 3
	249.80	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:18:52	9815	
	250.90	Water Level Sag, 30 %, within 8 inch: NO, Start	00:19:07	9816, b	M 2
	255.50	Water Level Sag, 30 %, within 8 inch: NO, End	00:19:30	9818	M 2
	255.50	Water Level, 15 %, within 8 inch: NO	00:19:43	9819	
	262.00	Crack Multiple, from 7 to 3 o'clock, within 8 inch: YES	00:20:20	9820, b	S 3



Inspection report

Date: 20100405	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1623	PSR: 69663
Total Pipe Length: 220.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 04/02/2010	Pre-Cleaned: Jetting	Map Grid #: 1654

1:627	position	observation	MPEG	photo	grade
	305.10	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:22:01	9822	
	325.20	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:23:04	9823	
	325.20	Roots Medium Lateral, at 3 o'clock, 30 %, within 8 inch: NO	00:23:27	9824, b	M 3
	337.20 F1	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, End	00:25:10	9826	M 1
	337.30	Manhole, within 8 inch: NO, Remarks: 1654-0150	00:24:43	9827	



QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
4131	4233	12	58	70	2.4	1.32	1.43



Inspection report

Date: 20100302	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 835	PSR: 75344
Total Pipe Length: 203.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 02/26/2010	Pre-Cleaned: Jetting	Map Grid #: 1546

Street: EASEMENT	Flow Control: Not Controlled	Start MH: 1546-0101
City: RPV	Year Renewed:	End MH: 1546-0102
Location Code: Easement/Right of Way	Tape/Media #: R315-017	pipe length: 201.5 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 15"/15"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0101/1546-0102/1546	Lining Method:
	Category:

Remark::

1:450	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1546-0101	00:00:24	1272	
	8.10	Water Level, 15 %, within 8 inch: NO	00:01:31	1273	
	13.40	General Observation, within 8 inch: NO, Remarks: Pipe Joint Length 5'	00:02:07	1274	
	110.80	Roots Fine Joint, at 9 o'clock, within 8 inch: YES	00:04:40	1275, b	M 1
	112.80	Water Level Sag, 40 %, within 8 inch: NO, Remarks: Continues	00:06:39	1277	M 3
	144.30	General Observation, within 8 inch: NO, Remarks: Sag Ends From 112.8	00:08:23	1278	
	144.30	Water Level, 10 %, within 8 inch: NO	00:08:39	1279	
	152.40 S1	Roots Medium Joint, from 10 to 11 o'clock, 20 %, within 8 inch: YES, Start	00:09:27	1280, b	M 3
	153.40	Tap Factory Active, at 2 o'clock, 6", within 8 inch: NO	00:10:04	1282	
	157.60	Tap Factory Active, at 10 o'clock, 4", within 8 inch: NO	00:10:29	1283	
	157.60	Roots Ball Connection, at 10 o'clock, 95 %, within 8 inch: NO	00:10:46	1284, b	M 4
	162.00 F1	Roots Medium Joint, from 10 to 11 o'clock, 20 %, within 8 inch: YES, End	00:11:16	1286, b	M 3
	166.50	Roots Ball Joint, from 1 to 4 o'clock, 55 %, within 8 inch: YES	00:12:07	1288, b	M 4
	201.50	Manhole, within 8 inch: NO, Remarks: 1546-0102	00:13:47	1290	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	4233	0	18	18	0	3	3



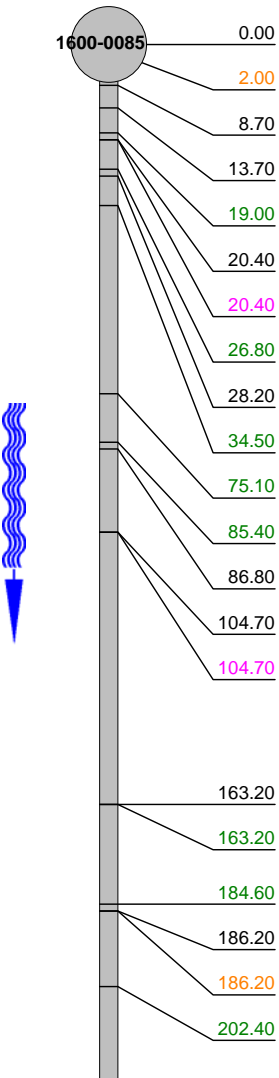
Inspection report

Date: 20100316	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 61	PSR: 71941
Total Pipe Length: 345.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/12/2010	Pre-Cleaned: Jetting	Map Grid #: 1600

Street: GANADO DR	Flow Control: Not Controlled	Start MH: 1600-0085
City: RPV	Year Renewed	End MH: 1600-0086
Location Code: Light Highway	Tape/Media #: R027	pipe length: 353.4 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0085/1600-0086/1600	Lining Method:
	Category:

Remark::

1:495	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1600-0085	00:00:24	1047	
	2.00	Roots Medium Joint, from 8 to 4 o'clock, 50 %, within 8 inch: YES	00:01:16	1048, b	M 3
	8.70	Water Level, 5 %, within 8 inch: NO	00:02:11	1050	
	13.70	General Observation, within 8 inch: NO, Remarks: Pipe Joint Length 5'	00:02:42	1051	
	19.00	Roots Fine Joint, from 8 to 4 o'clock, within 8 inch: YES	00:03:03	1052, b	M 1
	20.40	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:03:30	1054	
	20.40	Roots Ball Connection, at 3 o'clock, 80 %, within 8 inch: NO	00:03:45	1055, b	M 4
	26.80	Roots Fine Joint, from 8 to 4 o'clock, within 8 inch: YES	00:04:27	1057, b	M 1
	28.20	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:04:53	1059	
	34.50	Roots Fine Joint, from 2 to 3 o'clock, within 8 inch: YES	00:05:24	1060, b	M 1
	75.10	Roots Fine Joint, from 3 to 8 o'clock, within 8 inch: YES	00:06:48	1062, b	M 1
	85.40	Roots Fine Joint, from 3 to 4 o'clock, within 8 inch: YES	00:07:25	1064, b	M 1
	86.80	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:07:52	1066	
	104.70	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:08:35	1067	
	104.70	Roots Ball Lateral, at 3 o'clock, 60 %, within 8 inch: NO	00:08:49	1068, b	M 4
	163.20	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:10:39	1070	
	163.20	Roots Fine Lateral, at 9 o'clock, within 8 inch: NO	00:10:52	1071, b	M 1
	184.60	Roots Fine Joint, from 3 to 8 o'clock, within 8 inch: YES	00:11:46	1073, b	M 1
	186.20	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:12:13	1075	
	186.20	Roots Medium Lateral, at 3 o'clock, 50 %, within 8 inch: NO	00:12:36	1076, b	M 3
	202.40	Roots Fine Joint, at 4 o'clock, within 8 inch: YES	00:13:23	1078, b	M 1



Inspection report

Date: 20100316	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 61	PSR: 71941
Total Pipe Length: 345.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/12/2010	Pre-Cleaned: Jetting	Map Grid #: 1600

1:495	position	observation	MPEG	photo	grade
	229.60	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:14:25	1080	
	235.80	Roots Fine Joint, at 9 o'clock, within 8 inch: YES	00:14:53	1081, b	M 1
	237.00	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:15:20	1083	
	237.00	Roots Fine Connection, at 9 o'clock, within 8 inch: NO	00:15:32	1084, b	M 1
	301.30	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:17:34	1086	
	301.30	Roots Medium Connection, at 9 o'clock, 30 %, within 8 inch: NO	00:17:50	1087, b	M 3
	304.10	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:18:25	1089	
	325.80	Roots Fine Joint, from 2 to 8 o'clock, within 8 inch: YES	00:19:13	1090, b	M 1
	353.40	Broken Soil Visible, from 6 to 8 o'clock, within 8 inch: NO, Remarks: Mh Channel	00:20:54	1092, b	S 5
	353.40	Manhole, within 8 inch: NO, Remarks: 1600-0086	00:21:38	1094	



Inspection report

Date: 20100628	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 3098	PSR: 72030
Total Pipe Length: 300.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 06/23/2010	Pre-Cleaned: Jetting	Map Grid #: 1599

Street: EASEMENT	Flow Control: Not Controlled	Start MH: 1599-0108
City: RPV	Year Renewed:	End MH: 1599-0109
Location Code: Easement/Right of Way	Tape/Media #: R311-099	pipe length: 299.2 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0108/1599-0109/1599	Lining Method:
	Category:

Remark::

1:675	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1599-0108	00:00:27	1081	
	6.00	Water Level, 5 %, within 8 inch: NO	00:01:19	1082	
	11.60	Roots Fine Joint, from 4 to 8 o'clock, within 8 inch: YES	00:02:05	1083, b	M 1
	21.70	Roots Medium Joint, from 2 to 5 o'clock, 25 %, within 8 inch: YES	00:03:15	1085, b	M 3
	28.70	Roots Medium Joint, from 3 to 5 o'clock, 20 %, within 8 inch: YES	00:04:17	1087, b	M 3
	32.10	Roots Fine Joint, at 8 o'clock, within 8 inch: YES	00:05:04	1089, b	M 1
	60.90	Tap Factory Active, at 2 o'clock, 4", within 8 inch: NO	00:06:39	1091	
	60.90	Roots Ball Connection, at 2 o'clock, 65 %, within 8 inch: NO	00:07:12	1092, b	M 4
	65.50 S1	Roots Medium Joint, at 12 o'clock, 5 %, within 8 inch: YES, Start	00:08:18	1094, b	M 3
	68.70 F1	Roots Medium Joint, at 12 o'clock, 5 %, within 8 inch: YES, End	00:09:06	1096, b	M 3
	75.70	Roots Fine Joint, at 12 o'clock, within 8 inch: YES	00:10:04	1098, b	M 1
	86.10 S2	Roots Fine Joint, at 12 o'clock, within 8 inch: YES, Start	00:11:07	1100, b	M 1
	89.40 F2	Roots Fine Joint, at 12 o'clock, within 8 inch: YES, End	00:11:53	1102, b	M 1
	103.10 S3	Roots Fine Joint, at 12 o'clock, within 8 inch: YES, Start	00:13:29	1104, b	M 1
	123.90 F3	Roots Fine Joint, at 12 o'clock, within 8 inch: YES, End	00:17:29	1106, b	M 1
	145.00	Crack Circumferential, from 12 to 1 o'clock, within 8 inch: YES	00:19:37	1108, b	S 1
	145.00	Roots Fine Joint, at 12 o'clock, within 8 inch: YES	00:20:04	1110, b	M 1
	157.80	Roots Fine Joint, at 4 o'clock, within 8 inch: YES	00:21:40	1112, b	M 1
	174.90	Roots Fine Joint, at 11 o'clock, within 8 inch: YES	00:23:03	1114, b	M 1
	183.30	Tap Factory Active, at 2 o'clock, 4", within 8 inch: NO	00:29:09	1116	
	183.30	Roots Ball Lateral, at 2 o'clock, 55 %, within 8 inch: NO	00:29:28	1117, b	M 4
	183.30	Roots Medium Connection, at 2 o'clock, 40 %, within 8 inch: NO	00:29:58	1119, b	M 3
	268.20	Tap Factory Capped, at 2 o'clock, 4", within 8 inch: NO	00:33:21	1121	
	299.20	Manhole, within 8 inch: NO, Remarks: 1599-0109	00:35:17	1122	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
1100	4234	1	32	33	1	1.78	1.74



Inspection report

Date: 20100401	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1583	PSR: 69554
Total Pipe Length: 220.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/31/2010	Pre-Cleaned: Jetting	Map Grid #: 1654

Street: NEWRIDGE DR	Flow Control: Not Controlled	Start MH: 1654-0269
City: RPV	Year Renewed	End MH: 1654-0268
Location Code: Light Highway	Tape/Media #: G312-034	pipe length: 317.1 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length: 3.0
Drain. Area: 0268/1654-0269/1654	Lining Method:
	Category:

Remark::

1:660	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1654-0269	00:00:35	9152	
	5.00	Water Level, 10 %, within 8 inch: NO	00:01:08	9153	
	33.40	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	00:2:10	9154, b	M 1
	38.00	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:02:42	9156	
	53.20 S1	Roots Fine Joint, from 8 to 2 o'clock, within 8 inch: YES, Start	00:03:26	9157, b	M 1
	61.50	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:04:00	9159	
	61.50	Roots Medium Lateral, at 3 o'clock, 25 %, within 8 inch: NO	00:04:26	9160, b	M 3
	88.40	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:05:59	9162	
	96.40 F1	Roots Fine Joint, from 8 to 2 o'clock, within 8 inch: YES, End	00:06:20	9163	M 1
	110.40 S2	Roots Fine Joint, from 7 to 1 o'clock, within 8 inch: YES, Start	00:07:00	9164, b	M 1
	124.00 F2	Roots Fine Joint, from 7 to 1 o'clock, within 8 inch: YES, End	00:07:48	9166	M 1
	145.00	Roots Fine Joint, from 2 to 5 o'clock, within 8 inch: YES	00:08:38	9167, b	M 1
	152.00 S3	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, Start	00:09:29	9169, b	M 1
	193.80	Roots Tap Joint, from 7 to 5 o'clock, 20 %, within 8 inch: YES	00:11:00	9171, b	M 2
	201.90	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:11:35	9173	
	201.90	Roots Ball Connection, from 7 to 3 o'clock, 55 %, within 8 inch: NO	00:12:09	9174, b	M 4
	203.40	Roots Medium Joint, from 7 to 5 o'clock, 35 %, within 8 inch: YES	00:13:20	9176, b	M 3
	235.90	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:15:13	9178	
	235.90	Roots Medium Lateral, at 3 o'clock, 25 %, within 8 inch: NO	00:15:31	9179, b	M 3
	255.90	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:16:30	9181	
	255.90	Roots Ball Lateral, at 3 o'clock, 55 %, within 8 inch: NO	00:16:45	9182, b	M 4
	293.10	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:18:22	9184	
	293.10	Roots Medium Lateral, at 9 o'clock, 25 %, within 8 inch: NO	00:18:40	9185, b	M 3



Inspection report

Date: 20100401	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1583	PSR: 69554
Total Pipe Length: 220.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/31/2010	Pre-Cleaned: Jetting	Map Grid #: 1654

1:660	position	observation	MPEG	photo	grade		
		Water Level, 15 %, within 8 inch: NO	00:19:42	9187			
		Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, End	00:20:08	9188	M 1		
		Manhole, within 8 inch: NO, Remarks: 1654-0268	00:20:47	9189			
QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	4234	0	79	79	0	1.23	1.23



Inspection report

Date: 20100216	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1137	PSR: 71971
Total Pipe Length: 334.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 02/15/2010	Pre-Cleaned: Jetting	Map Grid #: 1600

Street: EASEMENT	Flow Control: Not Controlled	Start MH: 1600-0005
City: RPV	Year Renewed:	End MH: 1600-0004
Location Code: Easement/Right of Way	Tape/Media #: G312-004	pipe length: 340.6 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length: 3.0
Drain. Area: 0004/1600-0005/1600	Lining Method:
	Category:

Remark::

1:396	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1600-0005	00:00:37	1025	
	0.00	Obstacle Built Into Structure, at 12 o'clock, 15 %, within 8 inch: NO, Remarks: 4" LATERAL, PE	00:01:42	1026, b	M 3
	2.00	Roots Ball Connection, from 8 to 4 o'clock, 55 %, within 8 inch: NO	00:03:06	1028, b	M 4
	3.00	Tap Break-in Active, at 2 o'clock, 6", within 8 inch: NO	00:05:26	1030	
	3.50	Crack Circumferential, from 3 to 5 o'clock, within 8 inch: YES	00:06:15	1031, b	S 1
	3.50	Crack Longitudinal, at 3 o'clock, within 8 inch: YES	00:06:28	1033, b	S 2
	3.50	Roots Medium Barrel, from 4 to 8 o'clock, 25 %, within 8 inch: NO	00:06:55	1035, b	M 4
	5.00	Water Level, 5 %, within 8 inch: NO	00:09:06	1037	
	7.70	Tap Factory Capped, at 3 o'clock, 6", within 8 inch: NO	00:09:45	1038	
	11.50	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	00:10:29	1039, b	M 1
	18.60	Roots Tap Joint, from 7 to 5 o'clock, 15 %, within 8 inch: YES	00:12:33	1041, b	M 2
	18.60	Joint Offset Medium, within 8 inch: YES	00:12:57	1043, b	S 1
	22.10	Roots Medium Joint, from 3 to 5 o'clock, 25 %, within 8 inch: YES	00:14:04	1045, b	M 3
	23.80	Roots Tap Barrel, from 5 to 7 o'clock, 15 %, within 8 inch: NO	00:14:36	1047, b	M 3
	25.70 S1	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, Start	00:15:19	1049, b	M 1
	52.70	Roots Medium Joint, from 7 to 11 o'clock, 25 %, within 8 inch: YES	00:16:46	1051, b	M 3
	105.00	Tap Factory Capped, at 3 o'clock, 6", within 8 inch: NO	00:18:37	1053	
	116.60	Crack Multiple, from 3 to 9 o'clock, within 8 inch: YES	00:19:45	1054, b	S 3
	117.90	Tap Break-in Active, at 9 o'clock, 4", within 8 inch: NO	00:20:22	1056	
	123.40 F1	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, End	00:20:46	1057	M 1
	140.40	Crack Circumferential, from 4 to 7 o'clock, within 8 inch: YES	00:21:40	1058, b	S 1
	144.00	Crack Circumferential, from 9 to 11 o'clock, within 8 inch: YES	00:22:26	1060, b	S 1
	144.00 S2	Roots Fine Joint, from 9 to 3 o'clock, within 8 inch: YES, Start	00:22:40	1062, b	M 1
	147.20	Crack Multiple, from 9 to 3 o'clock, within 8 inch: YES	00:23:23	1064, b	S 3



Inspection report

Date: 20100216	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1137	PSR: 71971
Total Pipe Length: 334.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 02/15/2010	Pre-Cleaned: Jetting	Map Grid #: 1600

1:396	position	observation	MPEG	photo	grade
	<u>184.80</u> F2	Roots Fine Joint, from 9 to 3 o'clock, within 8 inch: YES, End	00:24:43	1066	M 1
	<u>188.40</u>	General Observation, within 8 inch: NO, Remarks: JOINT LENGTH 3'	00:25:02	1067	
	<u>213.90</u>	Joint Offset Medium, within 8 inch: YES	00:26:01	1068, b	S 1
	<u>215.20</u>	Joint Offset Medium, within 8 inch: YES	00:26:44	1070, b	S 1
	<u>215.20</u>	Crack Circumferential, from 3 to 5 o'clock, within 8 inch: YES	00:26:55	1072, b	S 1
	<u>218.60</u>	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:27:30	1074	
	<u>218.90</u>	Joint Offset Large, within 8 inch: YES	00:28:18	1075, b	S 2
	<u>218.90</u>	Roots Tap Joint, from 2 to 6 o'clock, 15 %, within 8 inch: YES	00:28:35	1077, b	M 2
	<u>222.00</u> S3	Roots Fine Joint, from 3 to 9 o'clock, within 8 inch: YES, Start	00:29:30	1079, b	M 1
	<u>331.80</u> F3	Roots Fine Joint, from 3 to 9 o'clock, within 8 inch: YES, End	00:33:28	1081	M 1
	<u>332.40</u>	Tap Factory Active, at 3 o'clock, 4", within 8 inch: NO	00:34:02	1082	
	<u>332.40</u>	Roots Fine Lateral, at 3 o'clock, within 8 inch: NO	00:34:13	1083, b	M 1
	<u>337.10</u>	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	00:34:58	1085, b	M 1
	<u>340.60</u>	Manhole, within 8 inch: NO, Remarks: 1600-0004	00:36:08	1087	



Inspection report

Date: 20100301	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1263	PSR: 84525
Total Pipe Length: 199.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 02/26/2010	Pre-Cleaned: Jetting	Map Grid #: 1546

Street: EASEMENT	Flow Control: Not Controlled	Start MH: 1546-0031
City: RPV	Year Renewed:	End MH: 1545-0063
Location Code: Easement/Right of Way	Tape/Media #: G312-013	pipe length: 199.9 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length: 5.0
Drain. Area: 0031/1546-0063/1545	Lining Method:
	Category:

Remark::

1:450	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1546-0031	00:00:33	3190	
	2.00	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	00:01:27	3191, b	M 1
	6.00 S1	Water Level Sag, 25 %, within 8 inch: NO, Start	00:02:53	3193	M 2
	8.90	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:03:22	3194	
	46.10 F1	Water Level Sag, 25 %, within 8 inch: NO, End	00:04:37	3195	M 2
	51.40	Water Level, 10 %, within 8 inch: NO	00:04:52	3196	
	76.90 S2	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, Start	00:05:53	3197, b	M 1
	98.80	Tap Factory Capped, at 3 o'clock, 6", within 8 inch: NO	00:07:00	3199	
	98.80	Roots Fine Lateral, at 3 o'clock, within 8 inch: NO	00:7:10	3200, b	M 1
	119.10	Fracture Circumferential, from 7 to 6 o'clock, within 8 inch: YES	00:08:33	3202, b	S 2
	119.20	Tap Break-in Defective, at 3 o'clock, 4", 3, within 8 inch: NO	00:09:35	3204	M 3
	119.20	Roots Medium Lateral, at 3 o'clock, 30 %, within 8 inch: NO	00:09:49	3205	M 3
	119.20	Crack Circumferential, from 1 to 3 o'clock, within 8 inch: NO	00:10:13	3206	S 1
	119.20	Broken, from 3 to 1 o'clock, within 8 inch: YES	00:11:18	3207, b	S 5
	186.90 S3	Roots Medium Joint, from 7 to 5 o'clock, 25 %, within 8 inch: YES, Start	00:15:10	3210, b	M 3
	191.60	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:16:16	3212	
	191.60	Obstacle Rocks, at 3 o'clock, 25 %, within 8 inch: NO	00:16:34	3213, b	M 4
	193.80	Obstacle Rocks, from 5 to 7 o'clock, 20 %, within 8 inch: NO	00:18:00	3215, b	M 3
	197.10 F2	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, End	00:18:45	3217	M 1
	197.10 F3	Roots Medium Joint, from 7 to 5 o'clock, 25 %, within 8 inch: YES, End	00:18:55	3218	M 3
	199.90	Obstacle Rocks, from 3 to 9 o'clock, 30 %, within 8 inch: NO, Remarks: INSIDE OF CHANNEL OF UPS	00:20:13	3219, b	M 4
	199.90	Manhole, within 8 inch: NO, Remarks: 1545-0063	00:20:51	3221	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
5121	4236	8	78	86	2.67	1.56	1.62



Inspection report

Date: 20100223	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1210	PSR: 75314
Total Pipe Length: 261.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 02/22/2010	Pre-Cleaned: Jetting	Map Grid #: 1546

Street: CARTIER DR	Flow Control: Not Controlled	Start MH: 1546-0070
City: RPV	Year Renewed	End MH: 1546-0073
Location Code: Light Highway	Tape/Media #: G312-009	pipe length: 252.5 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length: 3.0
Drain. Area: 0070/1546-0073/1546	Lining Method:
	Category:

Remark::

1:575	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1546-0070	00:00:37	2352	
	0.00	Water Level, 10 %, within 8 inch: NO	00:00:52	2353	
	17.70	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	00:01:53	2354, b	M 1
	35.00 S1	Roots Fine Joint, from 8 to 10 o'clock, within 8 inch: YES, Start	00:02:52	2356, b	M 1
	52.30	Roots Medium Joint, from 7 to 10 o'clock, 25 %, within 8 inch: YES	00:04:00	2358, b	M 3
	59.20	Roots Medium Joint, from 3 to 9 o'clock, 25 %, within 8 inch: YES	00:04:54	2360, b	M 3
	62.70	Roots Tap Joint, from 7 to 10 o'clock, 15 %, within 8 inch: YES	00:05:47	2362, b	M 2
	114.50	Roots Tap Joint, from 7 to 9 o'clock, 20 %, within 8 inch: YES	00:08:48	2364, b	M 2
	124.90 S2	Roots Tap Joint, from 7 to 9 o'clock, 15 %, within 8 inch: YES, Start	00:09:55	2366, b	M 2
	150.40	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:11:14	2368	
	150.40	Roots Fine Lateral, at 9 o'clock, within 8 inch: NO	00:11:39	2369, b	M 1
	230.40	Roots Medium Joint, from 1 to 5 o'clock, 25 %, within 8 inch: YES	00:14:51	2372	M 3
	233.90	Roots Ball Joint, from 1 to 7 o'clock, 55 %, within 8 inch: YES	00:15:48	2373, b	M 4
	234.80	Roots Medium Barrel, from 3 to 6 o'clock, 25 %, within 8 inch: NO	00:16:35	2375, b	M 4
	240.70	Roots Medium Joint, from 6 to 10 o'clock, 25 %, within 8 inch: YES	00:17:41	2377, b	M 3
	249.90	Roots Medium Joint, from 6 to 9 o'clock, 30 %, within 8 inch: YES	00:18:55	2379, b	M 3
	252.10	Roots Tap Barrel, from 5 to 7 o'clock, 20 %, within 8 inch: NO	00:20:03	2381, b	M 3
	252.50 F1	Roots Fine Joint, from 8 to 10 o'clock, within 8 inch: YES, End	00:21:19	2383	M 1
	252.50 F2	Roots Tap Joint, from 7 to 9 o'clock, 15 %, within 8 inch: YES, End	00:21:32	2384	M 2
	252.50	Manhole, within 8 inch: NO, Remarks: 1546-0073	00:22:09	2385	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	4236	0	150	150	0	1.53	1.53



Inspection report

Date: 20100331	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 223	PSR: 75165
Total Pipe Length: 300.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/26/2010	Pre-Cleaned: Jetting	Map Grid #: 1546

Street: EASEMENT	Flow Control: Not Controlled	Start MH: 1546-0266
City: RPV	Year Renewed	End MH: 1546-0265
Location Code: Easement/Right of Way	Tape/Media #: R311-038	pipe length: 307.8 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0265/1546-0266/1546	Lining Method:
	Category:

Remark::

1:495	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1546-0266	00:00:28	3981	
	3.80	Water Level, 5 %, within 8 inch: NO	00:01:25	3982	
	9.00	General Observation, within 8 inch: NO, Remarks: Pipe Joint Length 5'	00:02:15	3983	
	20.60	Tap Factory Capped, at 9 o'clock, 6", within 8 inch: NO	00:03:03	3984	
	21.80 S1	Roots Fine Barrel, from 10 to 2 o'clock, within 8 inch: NO, Start	00:03:40	3985	M 2
	21.90 F1	Roots Fine Barrel, from 10 to 2 o'clock, within 8 inch: NO, End	00:04:07	3986	M 2
	21.90 S2	Roots Fine Joint, from 10 to 2 o'clock, within 8 inch: YES, Start	00:04:24	3987, b	M 1
	23.70	Tap Break-in Active, at 2 o'clock, 4", within 8 inch: NO	00:05:19	3989	
	23.70	Roots Fine Lateral, at 2 o'clock, within 8 inch: NO	00:05:34	3990, b	M 1
	33.50	Tap Factory Active, at 2 o'clock, 6", within 8 inch: NO	00:06:48	3992	
	33.60	Roots Ball Connection, at 2 o'clock, 75 %, within 8 inch: NO	00:07:01	3993, b	M 4
	44.90	Fracture Multiple, from 11 to 2 o'clock, within 8 inch: YES	00:09:30	3995, b	S 4
	54.70 F2	Roots Fine Joint, from 10 to 2 o'clock, within 8 inch: YES, End	00:10:25	3997, b	M 1
	65.00 S3	Roots Fine Joint, from 8 to 3 o'clock, within 8 inch: YES, Start	00:11:31	3999, b	M 1
	119.10	Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	00:13:37	4001	
	120.60 F3	Roots Fine Joint, from 8 to 3 o'clock, within 8 inch: YES, End	00:14:10	4002	M 1
	120.60 S4	Roots Medium Joint, from 9 to 2 o'clock, 35 %, within 8 inch: YES, Start	00:14:55	4003, b	M 3
	121.20	Tap Factory Active, at 2 o'clock, 6", within 8 inch: NO	00:15:42	4005	
	121.20	Roots Ball Connection, at 2 o'clock, 75 %, within 8 inch: NO	00:15:56	4006, b	M 4
	171.90 F4	Roots Medium Joint, from 9 to 2 o'clock, 35 %, within 8 inch: YES, End	00:20:51	4008, b	M 3
	177.10 S5	Roots Fine Joint, from 3 to 9 o'clock, within 8 inch: YES, Start	00:21:49	4010, b	M 1
	206.90	Tap Break-in Active, at 10 o'clock, 6", within 8 inch: NO	00:23:35	4012	
	207.90 F5	Roots Fine Joint, from 3 to 9 o'clock, within 8 inch: YES, End	00:24:09	4013, b	M 1
	217.10 S6	Roots Fine Joint, from 4 to 10 o'clock, within 8 inch: YES, Start	00:25:14	4015, b	M 1

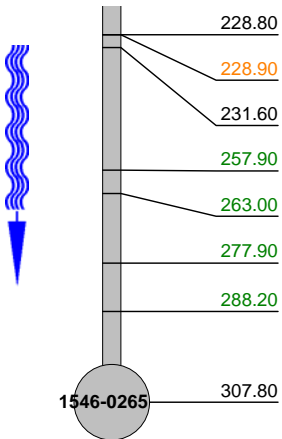


Inspection report

Date: 20100331	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 223	PSR: 75165
Total Pipe Length: 300.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/26/2010	Pre-Cleaned: Jetting	Map Grid #: 1546

1:495	position	observation	MPEG	photo	grade
	<u>228.80</u>	Tap Factory Capped, at 9 o'clock, 6", within 8 inch: NO	00:26:20	4017	
	<u>228.90</u>	Roots Medium Lateral, at 9 o'clock, 30 %, within 8 inch: NO	00:26:39	4018, b	M 3
	<u>231.60</u>	Tap Factory Capped, at 2 o'clock, 6", within 8 inch: NO	00:27:25	4020	
	<u>257.90</u> F6	Roots Fine Joint, from 4 to 10 o'clock, within 8 inch: YES, End	00:28:41	4021, b	M 1
	<u>263.00</u> S7	Roots Fine Joint, from 3 to 4 o'clock, within 8 inch: YES, Start	00:29:37	4023, b	M 1
	<u>277.90</u> F7	Roots Fine Joint, from 3 to 4 o'clock, within 8 inch: YES, End	00:30:52	4025, b	M 1
	<u>288.20</u>	Roots Fine Joint, from 10 to 2 o'clock, within 8 inch: YES	00:31:58	4027, b	M 1
	<u>307.80</u>	Manhole, within 8 inch: NO, Remarks: 1546-0265	00:34:17	4029	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
4100	423A	4	98	102	4	1.56	1.59





Inspection report

Date: 20100222	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 733	PSR: 75366
Total Pipe Length: 340.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 02/17/2010	Pre-Cleaned: Jetting	Map Grid #: 1546

Street: EASEMENT	Flow Control: Not Controlled	Start MH: 1546-0008
City: RPV	Year Renewed	End MH: 1546-0009
Location Code: Easement/Right of Way	Tape/Media #: R315-011	pipe length: 99.9 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 10"/10"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0008/1546-0009/1546	Lining Method:
	Category:

Remark::

1:225	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1546-0008	00:00:39	1	
	0.00 S1	Camera Underwater, within 8 inch: NO, Start	00:01:43	2	M 4
	99.90	Abandoned Survey, within 8 inch: NO, Remarks: Due To Camera Under Water	00:13:06	3	
	99.90 F1	Camera Underwater, within 8 inch: NO, End	00:14:26	4	M 4

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	4D00	0	100	100	0	4	4



Inspection report

Date: 20100319	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1443	PSR: 71871
Total Pipe Length: 191.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/18/2010	Pre-Cleaned: Jetting	Map Grid #: 1600

Street: EASEMENT	Flow Control: Not Controlled	Start MH: 1600-0126
City: RPV	Year Renewed:	End MH: 1600-0127
Location Code: Easement/Right of Way	Tape/Media #: G312-026	pipe length: 207.2 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length: 5.0
Drain. Area: 0126/1600-0127/1600	Lining Method:
	Category:

Remark::

1:475	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1600-0126	00:00:32	6965	
	3.00 S1	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, Start	00:01:00	6966, b	M 1
	5.00	Water Level, 15 %, within 8 inch: NO	00:01:34	6968	
	37.40	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:02:26	6969	
	66.40	Alignment Down, 15 %, within 8 inch: NO	00:03:13	6970, b	M 2
	85.00	Alignment Down, 15 %, within 8 inch: NO	00:04:04	6972, b	M 2
	104.20	Alignment Down, 45 %, within 8 inch: NO	00:04:58	6974, b	M 4
	135.30	Alignment Down, 30 %, within 8 inch: NO	00:06:03	6976, b	M 4
	179.90	Fracture Multiple, from 7 to 5 o'clock, within 8 inch: YES	00:07:29	6978, b	S 4
	204.90	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	00:09:08	6980, b	S 3
	207.10 F1	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, End	00:11:35	6982	M 1
	207.20	Roots Ball Joint, from 8 to 4 o'clock, 55 %, within 8 inch: YES	00:10:07	6983, b	M 4
	207.20	Manhole, within 8 inch: NO, Remarks: 1600-0127	00:11:02	6985	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
4131	4322	7	67	74	3.5	1.2	1.28



Inspection report

Date: 20100407	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 296	PSR: 75152
Total Pipe Length: 312.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 04/05/2010	Pre-Cleaned: Jetting	Map Grid #: 1546

Street: EASEMENT	Flow Control: Not Controlled	Start MH: 1546-0249
City: RPV	Year Renewed	End MH: 1546-0248
Location Code: Easement/Right of Way	Tape/Media #: R311-043	pipe length: 312 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0248/1546-0249/1546	Lining Method:
	Category:

Remark::

1:700	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1546-0249	00:00:22	4821	
	18.40	Tap Factory Active, at 2 o'clock, 4", within 8 inch: NO	00:03:54	4822	
	51.60	Tap Factory Capped, at 2 o'clock, 4", within 8 inch: NO	00:05:35	4823	
	66.00	Water Level, 5 %, within 8 inch: NO	00:06:15	4824	
	72.00	General Observation, within 8 inch: NO, Remarks: pPipe joint Length 6'	00:06:55	4825	
	116.20	Tap Factory Active, at 2 o'clock, 4", within 8 inch: NO	00:08:37	4826	
	143.30	Tap Factory Capped, at 2 o'clock, 4", within 8 inch: NO	00:10:01	4827	
	207.70	Tap Factory Active, at 2 o'clock, 4", within 8 inch: NO	00:12:23	4828	
	265.50	Tap Factory Active, at 2 o'clock, 4", within 8 inch: NO	00:14:35	4829	
	284.60 S1	Water Level Sag, 25 %, within 8 inch: NO, Start	00:18:40	4830, b	M 2
	298.20 S2	Camera Underwater, within 8 inch: NO, Start	00:19:45	4832	M 4
	312.00 F1	Water Level Sag, 25 %, within 8 inch: NO, End	00:21:39	4833	M 2
	312.00 F2	Camera Underwater, within 8 inch: NO, End	00:21:57	4834	M 4
	312.00	Abandoned Survey, within 8 inch: NO, Remarks: Due To Camera Under Water	00:23:02	4835	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	4327	0	26	26	0	2.6	2.6



Inspection report

Date: 20100208	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 540	PSR: 76123
Total Pipe Length: 208.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 02/08/2010	Pre-Cleaned: Jetting	Map Grid #: 1545

Street: WHITLEY COLLINS DR	Flow Control: Not Controlled	Start MH: 1545-0309
City: RPV	Year Renewed:	End MH: 1545-0308
Location Code: Light Highway	Tape/Media #: R001	pipe length: 306.7 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0308/1545-0309/1545	Lining Method:
	Category:

Remark::

1:700	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1545-0309-Note Spread she	00:1:10	112	
	4.40	Water Level, 5 %, within 8 inch: NO	00:01:39	113	
	11.40	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:02:01	114	
	11.40	Roots Medium Lateral, at 3 o'clock, 20 %, within 8 inch: NO	00:02:16	115, b	M 3
	17.30	General Observation, within 8 inch: NO, Remarks: Pipe Joint Length 5'	00:03:12	117	
	44.50	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:04:00	118	
	116.50	Roots Fine Joint, at 9 o'clock, within 8 inch: YES	00:05:49	119, b	M 1
	133.10	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:06:35	121	
	134.40	Roots Fine Joint, at 9 o'clock, within 8 inch: YES	00:06:52	122, b	M 1
	135.90	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:07:18	124	
	135.90	Roots Fine Lateral, at 9 o'clock, within 8 inch: NO	00:07:30	125, b	M 1
	182.20	Roots Fine Joint, at 1 o'clock, within 8 inch: YES	00:08:59	127, b	M 1
	194.20	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:09:57	129	
	194.20	Roots Ball Connection, at 3 o'clock, 90 %, within 8 inch: NO	00:10:12	130, b	M 4
	200.20	Roots Fine Joint, at 9 o'clock, within 8 inch: YES	00:10:43	132, b	M 1
	210.20	Roots Fine Joint, at 2 o'clock, within 8 inch: YES	00:11:18	134, b	M 1
	247.60	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:12:34	136	
	247.60	Roots Fine Lateral, at 9 o'clock, within 8 inch: NO	00:12:49	137, b	M 1
	254.80	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:13:24	139	
	254.80	Roots Ball Connection, at 3 o'clock, 90 %, within 8 inch: NO	00:13:37	140, b	M 4
	272.00	Fracture Circumferential, from 8 to 1 o'clock, within 8 inch: YES	00:14:49	142, b	S 2
	272.00	Fracture Circumferential, from 3 to 4 o'clock, within 8 inch: YES	00:15:12	144, b	S 2
	283.20	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:16:09	146	
	283.20	Roots Ball Lateral, at 9 o'clock, 55 %, within 8 inch: NO	00:16:32	147, b	M 4
	306.70	Manhole, within 8 inch: NO, Remarks: 1545-0308	00:17:47	149	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
2200	4331	4	22	26	2	2	2



Inspection report

Date: 20100316	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 45	PSR: 71929
Total Pipe Length: 277.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/12/2010	Pre-Cleaned: Jetting	Map Grid #: 1600

Street: GREVE DR	Flow Control: Not Controlled	Start MH: 1600-0075
City: RPV	Year Renewed:	End MH: 1600-0074
Location Code: Light Highway	Tape/Media #: R027	pipe length: 184.7 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0074/1600-0075/1600	Lining Method:
	Category:

Remark::

1:425	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1600-0075	00:00:19	803	
	4.00	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:1:10	804	
	19.70	Water Level, 5 %, within 8 inch: NO	00:02:50	805	
	41.90	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:04:12	806	
	41.90	Roots Ball Lateral, at 3 o'clock, 55 %, within 8 inch: NO	00:04:31	807, b	M 4
	42.80	Roots Fine Joint, from 7 to 9 o'clock, within 8 inch: YES	00:05:05	809, b	M 1
	44.70	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:05:44	811	
	44.70	Roots Ball Connection, at 9 o'clock, 80 %, within 8 inch: NO	00:05:59	812, b	M 4
	108.80	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:08:32	814	
	146.80	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:10:04	815	
	146.80	Roots Ball Lateral, at 9 o'clock, 70 %, within 8 inch: NO	00:10:25	816, b	M 4
	183.00	Roots Fine Joint, at 12 o'clock, within 8 inch: YES	00:12:47	818, b	M 1
	184.70	Tap Factory Intruding, at 9 o'clock, 20 %, 6", 2, within 8 inch: NO, Remarks: Plastic Lining Lateral	00:14:09	820	M 3
	184.70	Abandoned Survey, within 8 inch: NO, Remarks: To Intruding Tap Also To	00:15:09	821	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	4331	0	17	17	0	2.83	2.83



Inspection report

Date: 20100312	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Martin Garcia	section number: 696	PSR: 71692
Total Pipe Length: 155.00	Survey Customer: LACDPW	System Owner: LACDPW	Clean Date: 03/12/2010	Pre-Cleaned: Jetting	Map Grid #:

Street: VIGILANCE DR	Flow Control: Not Controlled	Start MH: 1601-0197
City: RPV	Year Renewed	End MH: 1601-0105
Location Code: Light Highway	Tape/Media #: M317-001	pipe length: 142 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length: 3.0
Drain. Area: 0105/1601-0197/1601	Lining Method:
	Category:

Remark::

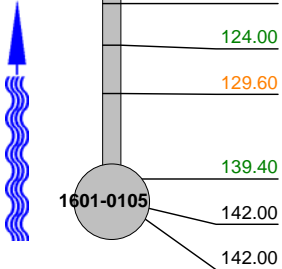
1:264	position	observation	MPEG	photo	grade
1601					
	0.00	Manhole, within 8 inch: NO, Remarks: 1601-0197	00:00:24	178	
	5.00	Water Level, 5 %, within 8 inch: NO	00:01:09	179	
	5.00	Alignment Up, 25 %, within 8 inch: NO	00:01:21	180	M 4
	8.70	Roots Fine Joint, from 9 to 11 o'clock, within 8 inch: YES	00:01:37	181, b	M 1
	13.50	Roots Tap Joint, at 3 o'clock, 15 %, within 8 inch: YES	00:02:05	183, b	M 2
	20.40	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:03:03	185	
	20.40	Roots Ball Lateral, at 9 o'clock, 85 %, within 8 inch: NO	00:03:16	186	M 4
	32.70	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:03:47	187	
	32.70	Roots Ball Lateral, at 3 o'clock, 65 %, within 8 inch: NO	00:04:01	188	M 4
	39.00	Roots Fine Joint, at 2 o'clock, within 8 inch: YES	00:04:20	189, b	M 1
	43.90	Roots Fine Joint, from 3 to 4 o'clock, within 8 inch: YES	00:04:44	191, b	M 1
	59.30	Roots Fine Joint, from 2 to 5 o'clock, within 8 inch: YES	00:05:31	193	M 1
	63.80	Roots Fine Joint, at 10 o'clock, within 8 inch: YES	00:05:50	194, b	M 1
	69.60	Roots Medium Joint, from 2 to 9 o'clock, 20 %, within 8 inch: YES	00:06:27	196	M 3
	79.30	Roots Fine Joint, from 10 to 2 o'clock, within 8 inch: YES	00:06:55	197, b	M 1
	84.10	Roots Fine Joint, from 10 to 2 o'clock, within 8 inch: YES	00:07:28	199, b	M 1
	89.50	Roots Fine Joint, from 9 to 3 o'clock, within 8 inch: YES	00:08:04	201, b	M 1
	90.80	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:08:25	203	
	90.80	Roots Fine Lateral, at 9 o'clock, within 8 inch: NO	00:08:34	204	M 1
	106.70	Roots Fine Joint, at 2 o'clock, within 8 inch: YES	00:09:09	205, b	M 1
	113.40	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:09:46	207	
	113.40	Roots Fine Lateral, at 3 o'clock, within 8 inch: NO	00:09:57	208	M 1
	114.30	Roots Fine Joint, from 8 to 4 o'clock, within 8 inch: YES	00:10:09	209, b	M 1



Inspection report

Date: 20100312	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Martin Garcia	section number: 696	PSR: 71692
Total Pipe Length: 155.00	Survey Customer: LACDPW	System Owner: LACDPW	Clean Date: 03/12/2010	Pre-Cleaned: Jetting	Map Grid #:

1:264	position	observation	MPEG	photo	grade
	119.30	Roots Fine Joint, from 1 to 3 o'clock, within 8 inch: YES	00:10:37	211, b	M 1
	124.00	Roots Fine Joint, from 7 to 10 o'clock, within 8 inch: YES	00:11:03	213, b	M 1
	129.60	Roots Medium Joint, from 1 to 5 o'clock, 20 %, within 8 inch: YES	00:11:42	215, b	M 3
	139.40	Roots Fine Joint, from 3 to 8 o'clock, within 8 inch: YES	00:12:28	217, b	M 1
	142.00	General Observation, within 8 inch: NO, Remarks: Buried Manhole	00:13:11	219	
	142.00	Manhole, within 8 inch: NO, Remarks: 1601-0105 Buried Manhole	00:13:27	220	



QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	4332	0	35	35	0	1.67	1.67



Inspection report

Date: 20100322	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1453	PSR: 71785
Total Pipe Length: 244.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/19/2010	Pre-Cleaned: Jetting	Map Grid #: 1601

Street: SEARAVEN DR	Flow Control: Not Controlled	Start MH: 1601-0089
City: RPV	Year Renewed:	End MH: 1601-0090
Location Code: Light Highway	Tape/Media #: G312-027	pipe length: 10.8 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length: 5.0
Drain. Area: 0089/1601-0090/1601	Lining Method:
	Category:

Remark::

1:25	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1601-0089	00:00:39	7157	
	0.00 S1	Roots Medium Joint, from 7 to 5 o'clock, 30 %, within 8 inch: YES, Start	00:01:09	7158, b	M 3
	4.50	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:01:58	7160	
	4.50	Roots Ball Lateral, at 9 o'clock, 55 %, within 8 inch: NO	00:02:13	7161, b	M 4
	5.00	Water Level, 10 %, within 8 inch: NO	00:02:48	7163	
	5.30	Roots Ball Joint, from 7 to 5 o'clock, 55 %, within 8 inch: YES	00:03:09	7164, b	M 4
	10.30	Roots Ball Joint, from 7 to 5 o'clock, 55 %, within 8 inch: YES	00:03:59	7166, b	M 4
	10.80 F1	Roots Medium Joint, from 7 to 5 o'clock, 30 %, within 8 inch: YES, End	00:06:04	7168	M 3
	10.80	Abandoned Survey, within 8 inch: NO, Remarks: CAMERA BLOCKED BY ROOTS B	00:06:26	7169	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	4333	0	21	21	0	3.5	3.5



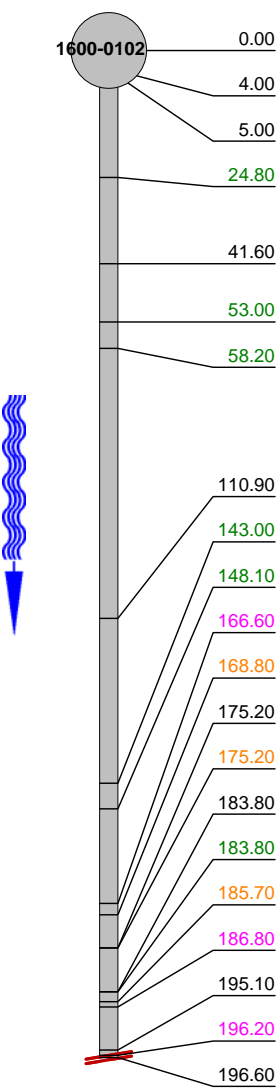
Inspection report

Date: 20100317	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1414	PSR: 71959
Total Pipe Length: 304.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/16/2010	Pre-Cleaned: Jetting	Map Grid #: 1600

Street: COOLHEIGHTS DR	Flow Control: Not Controlled	Start MH: 1600-0102
City: RPV	Year Renewed:	End MH: 1600-0101
Location Code: Light Highway	Tape/Media #: G312-024	pipe length: 196.6 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length: 5.0
Drain. Area: 0101/1600-0102/1600	Lining Method:
	Category:

Remark::

1:450	position	observation	MPEG	photo	grade		
	0.00	Manhole, within 8 inch: NO, Remarks: 1600-0102	00:00:31	6383			
	4.00	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:01:00	6384			
	5.00	Water Level, 5 %, within 8 inch: NO	00:01:22	6385			
	24.80 S1	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, Start	00:01:58	6386, b	M 1		
	41.60	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:02:41	6388			
	53.00 F1	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, End	00:03:11	6389	M 1		
	58.20 S2	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, Start	00:03:35	6390, b	M 1		
	110.90	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:05:14	6393			
	143.00 F2	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, End	00:06:23	6394	M 1		
	148.10 S3	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, Start	00:06:46	6395, b	M 1		
	166.60	Roots Medium Barrel, from 5 to 8 o'clock, 25 %, within 8 inch: NO	00:07:51	6397, b	M 4		
	168.80	Roots Medium Joint, from 6 to 10 o'clock, 25 %, within 8 inch: YES	00:08:58	6399, b	M 3		
	175.20	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:09:34	6401			
	175.20	Roots Medium Connection, from 6 to 9 o'clock, 30 %, within 8 inch: NO	00:10:05	6402, b	M 3		
	183.80	Water Level, 25 %, within 8 inch: NO	00:10:39	6404			
	183.80 F3	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, End	00:10:51	6405	M 1		
	185.70	Deposits Attached Grease, from 8 to 4 o'clock, 15 %, within 8 inch: NO	00:11:15	6406, b	M 3		
	186.80	Roots Ball Joint, from 7 to 5 o'clock, 60 %, within 8 inch: YES	00:11:58	6408, b	M 4		
	195.10	Water Level, 15 %, within 8 inch: NO	00:14:46	6410			
	196.20	Roots Ball Joint, from 7 to 6 o'clock, 70 %, within 8 inch: YES	00:15:04	6411, b	M 4		
	196.60	Abandoned Survey, within 8 inch: NO, Remarks: CAMERA BLOCKED BY BALL RO	00:16:01	6413			
QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	4333	0	58	58	0	1.35	1.35



Inspection report

Date: 20100326	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Martin Garcia	section number: 893	PSR: 71648
Total Pipe Length: 316.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/07/2010	Pre-Cleaned: Jetting	Map Grid #: 1601

Street: PALOS VERDES DR S	Flow Control: Not Controlled	Start MH: 1601-0174
City: RPV	Year Renewed:	End MH: 1601-0173
Location Code: Light Highway	Tape/Media #: M315-002	pipe length: 241.8 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0174/1601-0173/1601	Lining Method:
	Category:

Remark::

1:429	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1601-0174	00:00:26	2227	
	6.60	Roots Fine Joint, from 4 to 5 o'clock, within 8 inch: YES	00:05:15	2228, b	M 1
	6.60	Water Level, 5 %, within 8 inch: NO	00:05:33	2230	
	10.10	Roots Fine Joint, from 7 to 8 o'clock, within 8 inch: YES	00:05:52	2231, b	M 1
	24.80	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:06:45	2233	
	24.80	Roots Ball Lateral, at 9 o'clock, 80 %, within 8 inch: NO	00:07:04	2234	M 4
	26.40	Roots Fine Joint, from 8 to 4 o'clock, within 8 inch: YES	00:07:23	2235, b	M 1
	49.80	Roots Fine Joint, from 5 to 7 o'clock, within 8 inch: YES	00:08:26	2237, b	M 1
	60.10	Roots Fine Joint, at 7 o'clock, within 8 inch: YES	00:09:06	2239, b	M 1
	95.40	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:11:05	2241	
	95.40	Roots Ball Lateral, at 9 o'clock, 90 %, within 8 inch: NO	00:11:19	2242	M 4
	95.40	Roots Medium Connection, at 9 o'clock, 15 %, within 8 inch: NO	00:11:38	2243	M 3
	97.00	Crack Circumferential, from 1 to 5 o'clock, within 8 inch: YES	00:12:09	2244, b	S 1
	97.00	Fracture Longitudinal, at 5 o'clock, within 8 inch: YES	00:12:31	2246, b	S 3
	97.00	Roots Fine Joint, from 7 to 8 o'clock, within 8 inch: YES	00:12:52	2248	M 1
	120.80	Roots Fine Joint, from 7 to 8 o'clock, within 8 inch: YES	00:13:47	2249, b	M 1
	124.30	Crack Longitudinal, at 10 o'clock, within 8 inch: YES	00:14:15	2251, b	S 2
	141.20	Roots Fine Joint, at 4 o'clock, within 8 inch: YES	00:15:06	2253, b	M 1
	161.70	Roots Fine Joint, from 7 to 9 o'clock, within 8 inch: YES	00:16:08	2255, b	M 1
	166.20	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:16:47	2257	
	166.20	Roots Medium Lateral, at 9 o'clock, 20 %, within 8 inch: NO	00:17:01	2258	M 3
	191.60	Roots Fine Joint, from 7 to 9 o'clock, within 8 inch: YES	00:18:09	2259, b	M 1



Inspection report

Date: 20100326	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Martin Garcia	section number: 893	PSR: 71648
Total Pipe Length: 316.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/07/2010	Pre-Cleaned: Jetting	Map Grid #: 1601

1:429	position	observation	MPEG	photo	grade
	<u>198.20</u>	Roots Fine Joint, at 2 o'clock, within 8 inch: YES	00:18:48	2261, b	M 1
	<u>198.20</u>	Roots Fine Joint, at 10 o'clock, within 8 inch: YES	00:19:06	2263	M 1
	<u>201.70</u>	Roots Fine Joint, from 3 to 5 o'clock, within 8 inch: YES	00:19:25	2264, b	M 1
	<u>218.70</u>	Roots Fine Joint, from 8 to 11 o'clock, within 8 inch: YES	00:20:22	2266, b	M 1
	<u>225.70</u>	Roots Fine Joint, at 5 o'clock, within 8 inch: YES	00:21:01	2268	M 1
	<u>235.80</u>	Roots Fine Joint, from 6 to 8 o'clock, within 8 inch: YES	00:21:38	2269, b	M 1
	<u>240.40</u>	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:22:25	2271	
	<u>240.40</u>	Roots Ball Lateral, at 9 o'clock, 95 %, within 8 inch: NO	00:22:40	2272	M 4
	<u>240.40</u>	Roots Medium Connection, at 9 o'clock, 30 %, within 8 inch: NO	00:22:58	2273	M 3
	<u>241.80</u>	Abandoned Survey, within 8 inch: NO, Remarks: unable to pass roots from	00:24:46	2274	



Inspection report

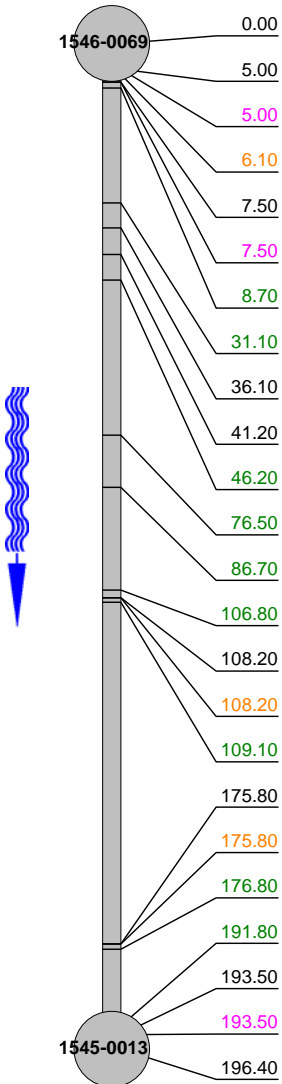
Date: 20100218	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 674	PSR: 76316
Total Pipe Length: 268.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 02/16/2010	Pre-Cleaned: Jetting	Map Grid #: 1546

Street: SATTES DR	Flow Control: Not Controlled	Start MH: 1546-0069
City: RPV	Year Renewed	End MH: 1545-0013
Location Code: Light Highway	Tape/Media #: R009	pipe length: 196.4 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0013/1546-0069/1545	Lining Method:
	Category:

Remark::

1:450	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1545-0069	00:00:34	1956	
	5.00	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:01:32	1957	
	5.00	Roots Ball Lateral, at 3 o'clock, 70 %, within 8 inch: NO	00:01:48	1958, b	M 4
	6.10	Roots Medium Joint, from 7 to 9 o'clock, 20 %, within 8 inch: YES	00:02:21	1960, b	M 3
	7.50	Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	00:03:00	1962	
	7.50	Roots Ball Connection, at 10 o'clock, 85 %, within 8 inch: NO	00:03:15	1963, b	M 4
	8.70 S1	Roots Fine Joint, from 1 to 5 o'clock, within 8 inch: YES, Start	00:04:07	1965, b	M 1
	31.10 F1	Roots Fine Joint, from 1 to 5 o'clock, within 8 inch: YES, End	00:05:00	1967, b	M 1
	36.10	Water Level, 5 %, within 8 inch: NO	00:05:28	1969	
	41.20	General Observation, within 8 inch: NO, Remarks: Pipe Joint Length 5'	00:05:57	1970	
	46.20	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	00:06:24	1971, b	M 1
	76.50 S2	Roots Fine Joint, from 8 to 4 o'clock, within 8 inch: YES, Start	00:07:34	1973, b	M 1
	86.70 F2	Roots Fine Joint, from 8 to 4 o'clock, within 8 inch: YES, End	00:08:10	1975, b	M 1
	106.80 S3	Roots Fine Joint, from 12 to 3 o'clock, within 8 inch: YES, Start	00:09:08	1977, b	M 1
	108.20	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:09:44	1979	
	108.20	Roots Medium Lateral, at 3 o'clock, 20 %, within 8 inch: NO	00:10:07	1980, b	M 3
	109.10 F3	Roots Fine Joint, from 12 to 3 o'clock, within 8 inch: YES, End	00:10:48	1982, b	M 1
	175.80	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:12:46	1984	
	175.80	Roots Medium Connection, at 9 o'clock, 25 %, within 8 inch: NO	00:13:09	1985, b	M 3
	176.80 S4	Roots Fine Joint, from 8 to 4 o'clock, within 8 inch: YES, Start	00:14:13	1987, b	M 1
	191.80 F4	Roots Fine Joint, from 8 to 4 o'clock, within 8 inch: YES, End	00:15:11	1989, b	M 1
	193.50	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:15:55	1991	
	193.50	Roots Ball Connection, at 3 o'clock, 90 %, within 8 inch: NO	00:16:10	1992, b	M 4
	196.40	Manhole, within 8 inch: NO, Remarks: 1546-0013	00:17:03	1994	





Inspection report

Date: 20100308	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1328	PSR: 75227
Total Pipe Length: 308.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/05/2010	Pre-Cleaned: Jetting	Map Grid #: 1546

Street: PACKET RD	Flow Control: Not Controlled	Start MH: 1546-0217
City: RPV	Year Renewed	End MH: 1546-0216
Location Code: Light Highway	Tape/Media #: G312-018	pipe length: 351.8 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length: 3.0
Drain. Area: 0216/1546-0217/1546	Lining Method:
	Category:

Remark::

1:726	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1546-0217	00:00:43	4386	
	0.00	Water Level, 5 %, within 8 inch: NO	00:1:10	4387	
	3.30 S1	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, Start	00:01:40	4388, b	M 1
	15.70	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:02:49	4390	
	15.70	Roots Ball Lateral, at 9 o'clock, 55 %, within 8 inch: NO	00:03:05	4391, b	M 4
	45.80	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:04:28	4393	
	81.10	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:05:31	4394	
	81.10	Roots Fine Lateral, at 9 o'clock, within 8 inch: NO	00:05:41	4395, b	M 1
	111.20	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:06:57	4397	
	111.20	Roots Medium Lateral, at 3 o'clock, 30 %, within 8 inch: NO	00:07:13	4398, b	M 3
	117.20	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:07:46	4400	
	117.20	Roots Fine Lateral, at 9 o'clock, within 8 inch: NO	00:08:00	4401, b	M 1
	154.40	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:09:26	4403	
	154.40	Roots Tap Connection, from 3 to 6 o'clock, 20 %, within 8 inch: NO	00:09:45	4404, b	M 2
	176.20	Roots Medium Joint, from 6 to 10 o'clock, 25 %, within 8 inch: YES	00:11:10	4406, b	M 3
	179.70	Roots Medium Joint, from 2 to 10 o'clock, 30 %, within 8 inch: YES	00:11:51	4408, b	M 3
	183.10	Roots Medium Joint, from 3 to 9 o'clock, 30 %, within 8 inch: YES	00:13:22	4410, b	M 3
	218.80	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:14:31	4412	
	224.70	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:15:12	4413	
	224.70	Roots Ball Lateral, at 9 o'clock, 55 %, within 8 inch: NO	00:15:34	4414, b	M 4
	288.60	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:17:36	4416	
	288.60	Roots Ball Lateral, at 9 o'clock, 55 %, within 8 inch: NO	00:18:04	4417, b	M 4
	294.70	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:18:38	4419	
	294.70	Roots Fine Lateral, at 3 o'clock, within 8 inch: NO	00:18:53	4420, b	M 1



Inspection report

Date: 20100308	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1328	PSR: 75227
Total Pipe Length: 308.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/05/2010	Pre-Cleaned: Jetting	Map Grid #: 1546

1:726	position	observation	MPEG	photo	grade
		<p style="color: green;">Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, End</p> <p style="color: orange;">Surface Aggregate Visible Unknown, from 6 to 8 o'clock, within 8 inch: YES</p> <p>Manhole, within 8 inch: NO, Remarks: 1546-0216</p>	<p style="color: green;">00:21:04</p> <p style="color: orange;">00:22:08</p> <p>00:23:04</p>	<p style="color: green;">4422</p> <p style="color: orange;">4423, b</p> <p>4425</p>	<p style="color: green;">M 1</p> <p style="color: orange;">S 3</p>

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
3100	4334	3	115	118	3	1.19	1.2



Inspection report

Date: 20100319	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1438	PSR: 71956
Total Pipe Length: 271.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/18/2010	Pre-Cleaned: Jetting	Map Grid #: 1600

Street: EASEMENT	Flow Control: Not Controlled	Start MH: 1600-0098
City: RPV	Year Renewed	End MH: 1600-0116
Location Code: Easement/Right of Way	Tape/Media #: G312-026	pipe length: 293.6 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length: 5.0
Drain. Area: 0098/1600-0116/1600	Lining Method:
	Category:

Remark::

1:561	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1600-0098	00:00:34	6850	
	0.00 S1	Water Level Sag, 35 %, within 8 inch: NO, Start	00:00:47	6851, b	M 3
	5.00	Water Level, 20 %, within 8 inch: NO	00:01:31	6853	
	9.50 F1	Water Level Sag, 35 %, within 8 inch: NO, End	00:01:44	6854	M 3
	9.50	Water Level, 15 %, within 8 inch: NO	00:01:53	6855	
	17.90	Joint Offset Medium, within 8 inch: YES	00:02:32	6856	S 1
	17.90	Roots Medium Joint, from 7 to 5 o'clock, 25 %, within 8 inch: YES	00:02:55	6857, b	M 3
	17.90	Joint Offset Medium, within 8 inch: YES	00:03:11	6859, b	S 1
	28.10	Roots Tap Joint, from 8 to 12 o'clock, 20 %, within 8 inch: YES	00:04:06	6861, b	M 2
	33.20	Roots Medium Joint, from 8 to 4 o'clock, 30 %, within 8 inch: YES	00:04:40	6863, b	M 3
	43.40	Roots Medium Joint, from 12 to 5 o'clock, 25 %, within 8 inch: YES	00:06:13	6865, b	M 3
	48.80 S2	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, Start	00:06:57	6867, b	M 1
	64.10	Roots Medium Joint, from 7 to 5 o'clock, 30 %, within 8 inch: YES	00:07:50	6870, b	M 3
	111.20	Alignment Down, 25 %, within 8 inch: NO	00:09:45	6872, b	M 4
	120.90	Roots Medium Joint, from 7 to 10 o'clock, 25 %, within 8 inch: YES	00:10:41	6874, b	M 3
	125.80	Alignment Down, 25 %, within 8 inch: NO	00:11:11	6876, b	M 4
	141.00	Alignment Down, 10 %, within 8 inch: NO	00:11:54	6878, b	M 1
	147.40	Alignment Down, 25 %, within 8 inch: NO	00:12:30	6880, b	M 4
	153.60	Joint Offset Medium, within 8 inch: YES	00:13:07	6882, b	S 1
	174.40	Crack Multiple, from 9 to 3 o'clock, within 8 inch: YES	00:14:13	6884, b	S 3
	189.70	Crack Multiple, from 7 to 10 o'clock, within 8 inch: YES	00:15:09	6886, b	S 3
	195.80	Crack Multiple, from 3 to 5 o'clock, within 8 inch: YES	00:15:50	6888, b	S 3
	199.60 S3	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES, Start	00:16:27	6890, b	S 3
	199.60	Surface Spalling Other, from 7 to 5 o'clock, within 8 inch: YES	00:16:39	6893, b	S 2



Inspection report

Date: 20100319	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1438	PSR: 71956
Total Pipe Length: 271.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/18/2010	Pre-Cleaned: Jetting	Map Grid #: 1600

1:561	position	observation	MPEG	photo	grade
	<u>271.10</u>	Deformed, 10 %, within 8 inch: NO	00:20:57	6895, b	S 4
	<u>271.70</u> S4	Broken, from 7 to 5 o'clock, within 8 inch: YES, Start	00:20:34	6897, b	S 5
	<u>275.90</u> F4	Broken, from 7 to 5 o'clock, within 8 inch: YES, End	00:22:26	6899	S 5
	<u>290.80</u>	Deformed, 10 %, within 8 inch: NO	00:24:40	6900, b	S 4
	<u>291.20</u>	Broken, from 7 to 6 o'clock, within 8 inch: YES	00:23:23	6902, b	S 5
	<u>291.20</u> F2	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, End	00:24:00	6904	M 1
	<u>292.30</u>	Roots Medium Joint, from 7 to 5 o'clock, 25 %, within 8 inch: YES	00:25:22	6905	M 3
	<u>292.30</u>	Broken Void Visible, from 3 to 8 o'clock, within 8 inch: NO	00:25:53	6906, b	S 5
	<u>293.40</u> F3	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES, End	00:27:22	6908	S 3
	<u>293.60</u>	Manhole, within 8 inch: NO, Remarks: 1600-0116	00:26:55	6909	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
5342	4338	109	100	209	3.03	1.35	1.9



Inspection report

Date: 20100319	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 98	PSR: 71766
Total Pipe Length: 339.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/17/2010	Pre-Cleaned: Jetting	Map Grid #: 1601

Street: SEAGLEN DR	Flow Control: Not Controlled	Start MH: 1601-0070
City: RPV	Year Renewed	End MH: 1601-0071
Location Code: Light Highway	Tape/Media #: R311-030	pipe length: 351.2 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0070/1601-0071/1601	Lining Method:
	Category:

Remark::

1:800	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1601-0070	00:00:29	1901	
	9.70	Water Level, 5 %, within 8 inch: NO	00:00:59	1902	
	14.80	General Observation, within 8 inch: NO, Remarks: Pipe Joint Length 5'	00:01:25	1903	
	41.20	Tap Factory Active, at 9 o'clock, 4", within 8 inch: NO	00:02:12	1904	
	41.20	Roots Ball Connection, at 9 o'clock, 85 %, within 8 inch: NO	00:02:27	1905, b	M 4
	115.80	Tap Factory Active, at 9 o'clock, 4", within 8 inch: NO	00:04:40	1907	
	115.80	Roots Ball Lateral, at 9 o'clock, 90 %, within 8 inch: NO	00:04:56	1908, b	M 4
	163.50	Tap Factory Active, at 9 o'clock, 4", within 8 inch: NO	00:06:36	1910	
	163.50	Roots Ball Connection, at 9 o'clock, 95 %, within 8 inch: NO	00:06:57	1911, b	M 4
	228.00	Tap Factory Active, at 9 o'clock, 4", within 8 inch: NO	00:08:43	1913	
	228.00	Roots Ball Lateral, at 9 o'clock, 80 %, within 8 inch: NO	00:09:18	1914, b	M 4
	312.50	Tap Factory Active, at 9 o'clock, 4", within 8 inch: NO	00:12:01	1916	
	312.50	Roots Medium Lateral, at 9 o'clock, 35 %, within 8 inch: NO	00:12:29	1917, b	M 3
	351.20	Manhole, within 8 inch: NO, Remarks: 1601-0071	00:13:58	1919	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	4431	0	19	19	0	3.8	3.8



Inspection report

Date: 20100319	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1444	PSR: 71776
Total Pipe Length: 347.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/18/2010	Pre-Cleaned: Jetting	Map Grid #: 1601

Street: GULFCREST DR	Flow Control: Not Controlled	Start MH: 1601-0080
City: RPV	Year Renewed:	End MH: 1601-0082
Location Code: Light Highway	Tape/Media #: G312-026	pipe length: 352.8 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length: 5.0
Drain. Area: 0080/1601-0082/1601	Lining Method:
	Category:

Remark::

1:800	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1601-0080	00:00:30	6986	
	0.50 S1	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, Start	00:00:55	6987, b	M 1
	0.50	Water Level, 15 %, within 8 inch: NO	00:01:17	6989	
	48.30	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:02:47	6990	
	48.30	Roots Fine Lateral, at 9 o'clock, within 8 inch: NO	00:3:10	6991, b	M 1
	50.00	Water Level, 10 %, within 8 inch: NO	00:03:30	6993	
	106.90	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:05:19	6994	
	106.90	Roots Ball Connection, from 3 to 6 o'clock, 55 %, within 8 inch: NO	00:05:35	6995, b	M 4
	113.90	Deposits Ingressed Fine, from 8 to 4 o'clock, 5 %, within 8 inch: NO, Remarks: SILT	00:12:33	6997, b	M 2
	135.00	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:15:01	6999	
	135.00	Roots Ball Connection, from 7 to 1 o'clock, 55 %, within 8 inch: NO	00:16:32	7000, b	M 4
	162.40 F1	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, End	00:18:14	7002	M 1
	167.50 S2	Roots Fine Joint, from 9 to 3 o'clock, within 8 inch: YES, Start	00:18:36	7003, b	M 1
	199.90	Roots Ball Connection, from 6 to 9 o'clock, 55 %, within 8 inch: NO	00:20:27	7005, b	M 4
	199.90	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:21:06	7007	
	207.40	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:21:36	7008	
	207.40	Roots Ball Connection, from 2 to 6 o'clock, 55 %, within 8 inch: NO	00:21:57	7009, b	M 4
	234.10	Roots Medium Joint, from 10 to 5 o'clock, 25 %, within 8 inch: YES	00:24:11	7011, b	M 3
	269.90	Water Level, 15 %, within 8 inch: NO	00:27:00	7013	
	271.40	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:27:13	7014	
	271.40	Roots Medium Lateral, at 9 o'clock, 25 %, within 8 inch: NO	00:27:28	7015, b	M 3
	277.60 F2	Roots Fine Joint, from 9 to 3 o'clock, within 8 inch: YES, End	00:28:17	7017	M 1
	303.40	Tap Factory Capped, at 3 o'clock, 6", within 8 inch: NO	00:29:08	7018	
	347.50	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:30:29	7019	
	352.80	Manhole, within 8 inch: NO, Remarks: 1601-0082	00:31:19	7020	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	4432	0	93	93	0	1.22	1.22



Inspection report

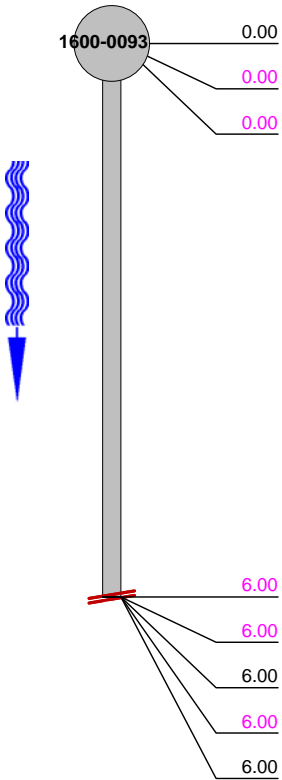
Date: 20100318	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1431	PSR: 71949
Total Pipe Length: 322.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/17/2010	Pre-Cleaned: Jetting	Map Grid #: 1600

Street: EASEMENT	Flow Control: Not Controlled	Start MH: 1600-0093
City: RPV	Year Renewed:	End MH: 1600-0094
Location Code: Easement/Right of Way	Tape/Media #: G312-025	pipe length: 6 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length: 5.0
Drain. Area: 0093/1600-0094/1600	Lining Method: Cured in Place
Category:	

Remark::

1:25	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1600-0093	00:00:34	6717	
	0.00 S2	Water Level Sag, 75 %, within 8 inch: NO, Start	00:00:48	6718	M 4
	0.00 S1	Camera Underwater, within 8 inch: NO, Start	00:00:58	6719	M 4
	6.00 F1	Camera Underwater, within 8 inch: NO, End	00:09:20	6720	M 4
	6.00 F2	Water Level Sag, 75 %, within 8 inch: NO, End	00:09:43	6721	M 4
	6.00	Water Level, 30 %, within 8 inch: NO	00:09:54	6722	
	6.00	Deposits Ingressed Other, from 4 to 8 o'clock, 25 %, within 8 inch: NO, Remarks: DEBRIS	00:11:49	6723	M 4
	6.00	Abandoned Survey, within 8 inch: NO, Remarks: CAMERA BLOCKED BY HEAVY D	00:12:11	6724	



QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	4500	0	20	20	0	4	4



Inspection report

Date: 20100318	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 90	PSR: 71754
Total Pipe Length: 266.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/15/2010	Pre-Cleaned: Jetting	Map Grid #: 1601

Street: SEACLAIRES DR	Flow Control: Not Controlled	Start MH: 1601-0057
City: RPV	Year Renewed:	End MH: 1601-0058
Location Code: Light Highway	Tape/Media #: R311-029	pipe length: 254.3 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0057/1601-0058/1601	Lining Method:
	Category:

Remark::

1:575	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1601-0057	00:00:23	1734	
	0.00 S1	Water Level Sag, 90 %, within 8 inch: NO, Start	00:01:18	1735	M 4
	0.00	Camera Underwater, within 8 inch: NO	00:01:32	1736	M 4
	15.10	Roots Fine Joint, at 12 o'clock, within 8 inch: YES	00:02:36	1737, b	M 1
	15.10 F1	Water Level Sag, 90 %, within 8 inch: NO, End	00:03:08	1739	M 4
	15.10	Water Level, 25 %, within 8 inch: NO	00:03:22	1740	
	26.50	Tap Break-in Active, at 9 o'clock, 6", within 8 inch: NO	00:04:04	1741	
	32.90	Roots Fine Joint, at 1 o'clock, within 8 inch: YES	00:04:33	1742, b	M 1
	63.40	Water Level, 5 %, within 8 inch: NO	00:06:47	1744	
	113.00	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:08:14	1745	
	200.00	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:10:31	1746	
	254.30	Manhole, within 8 inch: NO, Remarks: 1601-0058	00:12:21	1747	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	4512	0	22	22	0	3.14	3.14



Inspection report

Date: 20100318	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 87	PSR: 71762
Total Pipe Length: 278.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/15/2010	Pre-Cleaned: Jetting	Map Grid #: 1601

Street: HIGHIDE DR	Flow Control: Not Controlled	Start MH: 1601-0065
City: RPV	Year Renewed	End MH: 1601-0064
Location Code: Light Highway	Tape/Media #: R311-029	pipe length: 312 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0064/1601-0065/1601	Lining Method:
	Category:

Remark::

1:700	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1601-0065	00:00:27	1634	
	8.40	Water Level, 5 %, within 8 inch: NO	00:01:52	1635	
	13.50	General Observation, within 8 inch: NO, Remarks: Pipe Joint Length 5'	00:02:15	1636	
	43.20 S1	Water Level Sag, 20 %, within 8 inch: NO, Start	00:03:28	1637, b	M 2
	59.70	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:04:19	1639	
	60.60 F1	Water Level Sag, 20 %, within 8 inch: NO, End	00:04:35	1640, b	M 2
	60.60	Water Level, 5 %, within 8 inch: NO	00:04:50	1642	
	132.10	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:06:31	1643	
	148.10 S2	Water Level Sag, 15 %, within 8 inch: NO, Start	00:07:07	1644, b	M 2
	155.80	Water Level, 40 %, within 8 inch: NO	00:07:40	1646	
	177.90 S3	Camera Underwater, within 8 inch: NO, Start	00:08:26	1647	M 4
	197.20 F3	Camera Underwater, within 8 inch: NO, End	00:09:07	1648	M 4
	205.40	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:09:40	1649	
	205.40	Roots Medium Lateral, at 3 o'clock, 50 %, within 8 inch: NO	00:10:00	1650, b	M 3
	209.60 F2	Water Level Sag, 15 %, within 8 inch: NO, End	00:10:29	1652, b	M 2
	209.60	Water Level, 5 %, within 8 inch: NO	00:10:43	1654	
	246.60	Roots Fine Joint, from 9 to 12 o'clock, within 8 inch: YES	00:11:49	1655, b	M 1
	278.70	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:12:54	1657	
	278.70	Roots Medium Lateral, at 3 o'clock, 20 %, within 8 inch: NO	00:13:12	1658, b	M 3
	312.00	Manhole, within 8 inch: NO, Remarks: 1601-0064	00:14:30	1660	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	4532	0	65	65	0	2.41	2.41



Inspection report

Date: 20100421	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 379	PSR: 69670
Total Pipe Length: 326.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 04/19/2010	Pre-Cleaned: Jetting	Map Grid #: 1654

Street: EASEMENT	Flow Control: Not Controlled	Start MH: 1654-0156
City: RPV	Year Renewed	End MH: 1654-0157
Location Code: Easement/Right of Way	Tape/Media #: R311-053	pipe length: 244.8 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0156/1654-0157/1654	Lining Method:
	Category:

Remark::

1:550	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1654-0156	00:00:22	5957	
	6.00	Water Level, 5 %, within 8 inch: NO	00:01:34	5958	
	12.00	Tap Factory Active, at 10 o'clock, 4", within 8 inch: NO	00:02:07	5959	
	12.00	Roots Ball Lateral, at 10 o'clock, 80 %, within 8 inch: NO	00:02:22	5960, b	M 4
	19.60	General Observation, within 8 inch: NO, Remarks: Pipe joint Length 3'	00:03:15	5962	
	60.90	Roots Fine Joint, at 8 o'clock, within 8 inch: YES	00:04:53	5963, b	M 1
	97.30	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:06:40	5965	
	97.30	Roots Ball Lateral, at 9 o'clock, 90 %, within 8 inch: NO	00:07:02	5966, b	M 4
	97.30	Roots Fine Connection, at 9 o'clock, within 8 inch: NO	00:07:26	5968, b	M 1
	124.00	Tap Factory Active, at 10 o'clock, 4", within 8 inch: NO	00:08:47	5970	
	124.00	Roots Ball Lateral, at 10 o'clock, 90 %, within 8 inch: NO	00:09:04	5971, b	M 4
	124.00	Roots Fine Connection, at 10 o'clock, within 8 inch: NO	00:09:35	5973, b	M 1
	134.80	Roots Fine Joint, at 1 o'clock, within 8 inch: YES	00:10:43	5975, b	M 1
	141.70	Roots Fine Joint, from 7 to 9 o'clock, within 8 inch: YES, Start	00:11:39	5977, b	M 1
	148.70	Roots Fine Joint, from 7 to 9 o'clock, within 8 inch: YES, End	00:12:24	5979, b	M 1
	169.30	Roots Medium Joint, from 4 to 9 o'clock, 25 %, within 8 inch: YES	00:13:45	5981, b	M 3
	176.30	Roots Medium Joint, from 3 to 9 o'clock, 25 %, within 8 inch: YES	00:14:51	5983, b	M 3
	186.70	Roots Fine Joint, from 12 to 8 o'clock, within 8 inch: YES	00:15:49	5985, b	M 1
	233.50	Tap Factory Active, at 10 o'clock, 4", within 8 inch: NO	00:17:58	5987	
	233.50	Roots Ball Lateral, at 10 o'clock, 75 %, within 8 inch: NO	00:18:12	5988, b	M 4
	233.50	Roots Medium Connection, at 10 o'clock, 25 %, within 8 inch: NO	00:18:47	5990, b	M 3
	234.30	Roots Medium Joint, from 2 to 9 o'clock, 35 %, within 8 inch: YES	00:19:33	5992, b	M 3
	237.80	Roots Fine Joint, from 4 to 8 o'clock, within 8 inch: YES	00:20:21	5994, b	M 1
	244.60	Roots Ball Joint, from 2 to 10 o'clock, 75 %, within 8 inch: YES	00:21:20	5996, b	M 4
	244.80	Abandoned Survey, within 8 inch: NO, Remarks: Due To Roots Ball Joint A	00:23:34	5998, b	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	4534	0	40	40	0	2.35	2.35



Inspection report

Date: 20100416	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 356	PSR: 674050
Total Pipe Length: 233.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 04/09/2010	Pre-Cleaned: Jetting	Map Grid #: 1655

Street: EASEMENT	Flow Control: Not Controlled	Start MH: 1655-0063
City: RPV	Year Renewed:	End MH: 1655-0064
Location Code: Easement/Right of Way	Tape/Media #: R311-050	pipe length: 183.2 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 10"/10"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0063/1655-0064/1655	Lining Method:
	Category:

Remark::

1:425	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1655-0063	00:00:30	5698	
	4.00 S1	Water Level Sag, 65 %, within 8 inch: NO, Start	00:01:17	5699, b	M 4
	11.50 S2	Camera Underwater, within 8 inch: NO, Start	00:04:03	5701	M 4
	13.50 F2	Camera Underwater, within 8 inch: NO, End	00:04:24	5702, b	M 4
	29.60 F1	Water Level Sag, 65 %, within 8 inch: NO, End	00:05:09	5704, b	M 4
	29.60	Water Level, 15 %, within 8 inch: NO	00:05:26	5706	
	50.00	General Observation, within 8 inch: NO, Remarks: Pipe Joint Length 5'	00:06:18	5707	
	136.60	Water Level, 25 %, within 8 inch: NO	00:08:58	5708	
	183.20	Manhole, within 8 inch: NO, Remarks: 1655-0064	00:30:33	5709	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	4700	0	28	28	0	4	4



Inspection report

Date: 20100329	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1551	PSR: 69242
Total Pipe Length: 129.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/26/2010	Pre-Cleaned: Jetting	Map Grid #: 1654

Street: EASEMENT	Flow Control: Not Controlled	Start MH: 1654-0537
City: RPV	Year Renewed:	End MH: 1654-0536
Location Code: Easement/Right of Way	Tape/Media #: G312-032	pipe length: 97.8 ft
Reason for inspection: Routine Assessment	Dia/Height: Circular 8"	
Use of Sewer: Sanitary	Material: Polyethylene Pipe Length: 13.0	
Drain. Area: 0536/1654-0537/1654	Lining Method:	
Category:		

Remark::

1:225	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1654-0537	00:00:41	8522	
	0.00	Alignment Down, 45 %, within 8 inch: NO	00:00:58	8523, b	M 4
	9.70	Water Level, 5 %, within 8 inch: NO	00:01:47	8525	
	43.60	Alignment Down, 15 %, within 8 inch: NO	00:02:43	8526, b	M 2
	74.10	S1 Alignment Down, 25 %, within 8 inch: NO, Start	00:03:53	8528	M 4
	85.80	Alignment Down, 75 %, within 8 inch: NO	00:04:28	8529, b	M 4
	97.70	F1 Alignment Down, 25 %, within 8 inch: NO, End	00:06:23	8531	M 4
	97.80	Manhole, within 8 inch: NO, Remarks: 1654-0536, BURIED	00:05:55	8532	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	4821	0	34	34	0	3.78	3.78



Inspection report

Date: 20100319	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 102	PSR: 71769-A
Total Pipe Length: 350.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/17/2010	Pre-Cleaned: Jetting	Map Grid #: 1601

Street: SEAGLEN DR	Flow Control: Not Controlled	Start MH: 1601-0073-A
City: RPV	Year Renewed	End MH: 1601-0074
Location Code: Light Highway	Tape/Media #: R311-030	pipe length: 350.5 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0073/1601-0074/1601	Lining Method:
	Category:

Remark::

1:800	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1601-0073-A- Note Add. Mh	00:00:40	1960	
	5.10	Water Level, 5 %, within 8 inch: NO	00:01:09	1961	
	10.20	General Observation, within 8 inch: NO, Remarks: Pipe Joint Length 5'	00:01:35	1962	
	27.00	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:02:13	1963	
	85.30	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:03:52	1964	
	85.30	Roots Ball Lateral, at 3 o'clock, 75 %, within 8 inch: NO	00:04:09	1965, b	M 4
	141.30	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:05:49	1967	
	181.40	S1 Water Level Sag, 25 %, within 8 inch: NO, Start	00:07:43	1968, b	M 2
	190.30	Water Level, 55 %, within 8 inch: NO	00:08:13	1970	
	209.10	S2 Camera Underwater, within 8 inch: NO, Start	00:16:20	1971	M 4
	232.40	F2 Camera Underwater, within 8 inch: NO, End	00:17:14	1972, b	M 4
	244.50	F1 Water Level Sag, 25 %, within 8 inch: NO, End	00:17:50	1974, b	M 2
	244.50	Water Level, 5 %, within 8 inch: NO	00:18:08	1976	
	253.20	Tap Factory Active, at 3 o'clock, 4", within 8 inch: NO	00:18:42	1977	
	253.20	Roots Medium Lateral, at 3 o'clock, 45 %, within 8 inch: NO	00:19:01	1978, b	M 3
	290.90	Tap Factory Active, at 9 o'clock, 4", within 8 inch: NO	00:20:24	1980	
290.90	Roots Ball Connection, at 9 o'clock, 95 %, within 8 inch: NO	00:20:36	1981, b	M 4	
350.50	Manhole, within 8 inch: NO, Remarks: 1601-0074	00:22:55	1983		

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	4831	0	67	67	0	2.68	2.68



Inspection report

Date: 20100326	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1536	PSR: 71904
Total Pipe Length: 243.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/25/2010	Pre-Cleaned: Jetting	Map Grid #: 1600

Street: PASEO DE CASTANA	Flow Control: Not Controlled	Start MH: 1600-0162
City: RPV	Year Renewed:	End MH: 1600-0160
Location Code: Light Highway	Tape/Media #: G312-031	pipe length: 282.4 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Polyethylene Pipe Length: 13.0
Drain. Area: 0160/1600-0162/1600	Lining Method:
	Category:

Remark::

1:650	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1600-0162	00:00:36	8361	
	5.00	Water Level, 10 %, within 8 inch: NO	00:01:05	8362	
	59.60	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:02:26	8363	
	80.10	Roots Fine Joint, from 8 to 4 o'clock, within 8 inch: YES	00:03:13	8364, b	M 1
	82.40	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:03:40	8366	
	145.40	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:5:10	8367	
	153.90	General Observation, within 8 inch: NO, Remarks: JOINT LENGTH 13'	00:05:46	8368	
	167.40	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:06:16	8369	
	167.40	Roots Fine Lateral, at 3 o'clock, within 8 inch: NO	00:06:29	8370, b	M 1
	168.60 S1	Water Level Sag, 25 %, within 8 inch: NO, Start	00:06:52	8372, b	M 2
	185.80 F1	Water Level Sag, 25 %, within 8 inch: NO, End	00:07:37	8374	M 2
	186.20	Water Level, 10 %, within 8 inch: NO	00:07:47	8375	
	205.20	Alignment Right Down, 25 %, within 8 inch: NO	00:08:33	8376, b	M 4
	205.20 S2	Water Level Sag, 55 %, within 8 inch: NO, Start	00:08:50	8378, b	M 4
	205.70	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:09:26	8380	
	219.70 S3	Camera Underwater, within 8 inch: NO, Start	00:10:12	8381, b	M 4
	222.60 F3	Camera Underwater, within 8 inch: NO, End	00:10:59	8383	M 4
	222.60	Water Level, 30 %, within 8 inch: NO	00:11:10	8384	
	226.50	Water Level, 20 %, within 8 inch: NO	00:11:34	8385	
	230.70	Joint Offset Medium, within 8 inch: YES	00:11:54	8386, b	S 1
	230.70	Alignment Right, 10 %, within 8 inch: NO	00:12:08	8388, b	M 1
	233.00 F2	Water Level Sag, 55 %, within 8 inch: NO, End	00:12:37	8390	M 4
	233.00	Water Level, 5 %, within 8 inch: NO	00:12:47	8391	
	282.40	Manhole, within 8 inch: NO, Remarks: 1600-0160	00:14:25	8392	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
1100	4924	1	47	48	1	2.94	2.82



Inspection report

Date: 20100219	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 686	PSR: 75360
Total Pipe Length: 371.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 02/17/2010	Pre-Cleaned: Jetting	Map Grid #: 1546

Street: OCEAN TERRACE DR	Flow Control: Not Controlled	Start MH: 1546-0002
City: RPV	Year Renewed:	End MH: 1546-0004
Location Code: Light Highway	Tape/Media #: R010	pipe length: 336.9 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0002/1546-0004/1546	Lining Method:
	Category:

Remark::

1:750	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1546-0002	00:00:28	2127	
	5.00 S1	Water Level Sag, 20 %, within 8 inch: NO, Start	00:01:16	2128, b	M 2
	16.90 F1	Water Level Sag, 20 %, within 8 inch: NO, End	00:01:48	2130, b	M 2
	16.90	Water Level, 10 %, within 8 inch: NO	00:02:01	2132	
	21.70	General Observation, within 8 inch: NO, Remarks: Pipe Joint Length 5'	00:02:26	2133	
	54.80 S2	Water Level Sag, 25 %, within 8 inch: NO, Start	00:03:47	2134, b	M 2
	61.80	Water Level, 45 %, within 8 inch: NO	00:04:16	2136	
	72.90	General Observation, within 8 inch: NO, Remarks: Factory Glue	00:05:00	2137	
	79.40	Tap Factory Active, at 9 o'clock, 4", within 8 inch: NO	00:05:29	2138	
	81.50	Tap Factory Active, at 3 o'clock, 4", within 8 inch: NO	00:06:00	2139	
	93.10 F2	Water Level Sag, 25 %, within 8 inch: NO, End	00:06:38	2140, b	M 2
	93.10	Water Level, 10 %, within 8 inch: NO	00:06:55	2142	
	99.70 S3	Water Level Sag, 30 %, within 8 inch: NO, Start	00:07:18	2143, b	M 2
	103.50	Water Level, 45 %, within 8 inch: NO	00:07:43	2145	
	126.40 S4	Camera Underwater, within 8 inch: NO, Start	00:08:36	2146	M 4
	136.70 F4	Camera Underwater, within 8 inch: NO, End	00:09:20	2147	M 4
	150.90 S5	Camera Underwater, within 8 inch: NO, Start	00:10:15	2148	M 4
	188.00 F5	Camera Underwater, within 8 inch: NO, End	00:11:42	2149	M 4
	188.90	Tap Factory Active, at 9 o'clock, 4", within 8 inch: NO	00:13:13	2150	
	195.70	Tap Factory Active, at 3 o'clock, 4", within 8 inch: NO	00:14:49	2151	
	211.60 F3	Water Level Sag, 30 %, within 8 inch: NO, End	00:15:59	2152	M 2
	211.60	Water Level, 20 %, within 8 inch: NO	00:16:39	2153	
	285.80	Tap Factory Active, at 3 o'clock, 4", within 8 inch: NO	00:19:19	2154	
	303.10	Tap Factory Active, at 9 o'clock, 4", within 8 inch: NO	00:20:06	2155	
	336.90	Manhole, within 8 inch: NO, Remarks: 1546-0004	00:21:31	2156	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	4A2H	0	130	130	0	2.45	2.45



Inspection report

Date: 20100318	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 76	PSR: 71962
Total Pipe Length: 191.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/15/2010	Pre-Cleaned: Jetting	Map Grid #: 1600

Street: CLIFFSITE DR	Flow Control: Not Controlled	Start MH: 1600-0105
City: RPV	Year Renewed:	End MH: 1600-0104
Location Code: Light Highway	Tape/Media #: R311-029	pipe length: 193.8 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0104/1600-0105/1600	Lining Method:
	Category:

Remark::

1:450	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1600-0105	00:00:21	1443	
	0.00 S1	Water Level Sag, 80 %, within 8 inch: NO, Start	00:01:14	1444	M 4
	0.00 S2	Camera Underwater, within 8 inch: NO, Start	00:01:27	1445	M 4
	2.00 F2	Camera Underwater, within 8 inch: NO, End	00:01:58	1446	M 4
	2.00	Water Level, 40 %, within 8 inch: NO	00:02:14	1447	
	6.00 S3	Camera Underwater, within 8 inch: NO, Start	00:02:59	1448	M 4
	10.50 F3	Camera Underwater, within 8 inch: NO, End	00:03:24	1449	M 4
	15.90	Water Level, 35 %, within 8 inch: NO	00:03:53	1450	
	28.90 F1	Water Level Sag, 80 %, within 8 inch: NO, End	00:04:43	1451, b	M 4
	28.90	Water Level, 10 %, within 8 inch: NO	00:04:58	1453	
	37.20	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:05:28	1454	
	37.20	Roots Ball Lateral, at 3 o'clock, 85 %, within 8 inch: NO	00:05:46	1455	M 4
	45.40	General Observation, within 8 inch: NO, Remarks: Pipe joint Length 3'	00:06:43	1456	
	102.40	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:08:47	1457	
	102.40	Roots Ball Lateral, at 3 o'clock, 95 %, within 8 inch: NO	00:09:05	1458, b	M 4
	163.30	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:11:31	1460	
	163.30	Roots Medium Lateral, at 3 o'clock, 30 %, within 8 inch: NO	00:11:50	1461, b	M 3
	193.80	Manhole, within 8 inch: NO, Remarks: 1600-0104	00:13:32	1463	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	4A31	0	47	47	0	3.92	3.92



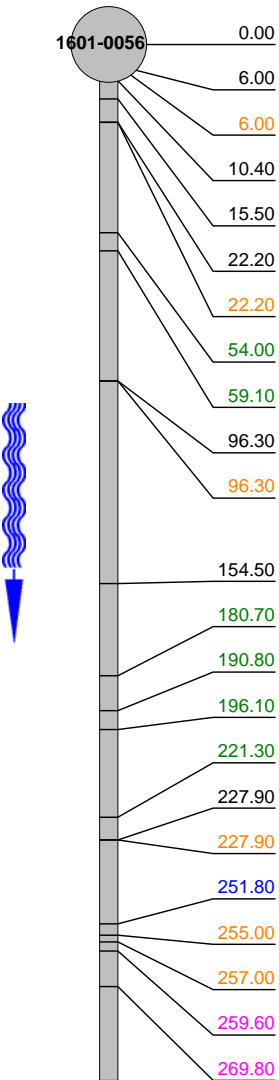
Inspection report

Date: 20100318	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 89	PSR: 71753
Total Pipe Length: 301.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/15/2010	Pre-Cleaned: Jetting	Map Grid #: 1601

Street: SEACLAIRES DR	Flow Control: Not Controlled	Start MH: 1601-0056
City: RPV	Year Renewed:	End MH: 1601-0057
Location Code: Light Highway	Tape/Media #: R311-029	pipe length: 322.5 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0056/1601-0057/1601	Lining Method:
	Category:

Remark::

1:660	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1601-0056	00:00:27	1694	
	6.00	Tap Factory Active, at 2 o'clock, 6", within 8 inch: NO	00:02:18	1695	
	6.00	Roots Medium Lateral, at 2 o'clock, 30 %, within 8 inch: NO	00:02:33	1696, b	M 3
	10.40	Water Level, 5 %, within 8 inch: NO	00:02:57	1698	
	15.50	General Observation, within 8 inch: NO, Remarks: Pipe Joint Length 5'	00:06:30	1699	
	22.20	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:06:52	1700	
	22.20	Roots Medium Lateral, at 9 o'clock, 45 %, within 8 inch: NO	00:07:08	1701, b	M 3
	54.00	Roots Fine Joint, from 2 to 7 o'clock, within 8 inch: YES	00:08:14	1703, b	M 1
	59.10	Roots Fine Joint, at 8 o'clock, within 8 inch: YES	00:08:40	1705, b	M 1
	96.30	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:09:49	1707	
	96.30	Roots Medium Lateral, at 9 o'clock, 45 %, within 8 inch: NO	00:10:07	1708, b	M 3
	154.50	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:11:50	1710	
	180.70	Roots Fine Joint, at 4 o'clock, within 8 inch: YES	00:12:43	1711, b	M 1
	190.80	Roots Fine Joint, at 8 o'clock, within 8 inch: YES, Start	00:13:16	1713, b	M 1
	196.10	Roots Fine Joint, at 8 o'clock, within 8 inch: YES, End	00:13:42	1715, b	M 1
	221.30	Roots Fine Joint, from 1 to 4 o'clock, within 8 inch: YES	00:14:39	1717, b	M 1
	227.90	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:15:10	1719	
	227.90	Roots Medium Lateral, at 9 o'clock, 25 %, within 8 inch: NO	00:15:26	1720, b	M 3
	251.80	Water Level Sag, 20 %, within 8 inch: NO, Start	00:16:24	1722, b	M 2
	255.00	Fracture Longitudinal, at 12 o'clock, within 8 inch: YES, Start	00:16:55	1724, b	S 3
	257.00	Fracture Longitudinal, at 12 o'clock, within 8 inch: YES, End	00:17:19	1726, b	S 3
	259.60	Fracture Multiple, from 10 to 2 o'clock, within 8 inch: YES	00:18:03	1728, b	S 4
	269.80	Camera Underwater, within 8 inch: NO, Start	00:18:42	1730	M 4



Inspection report

Date: 20100318	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 89	PSR: 71753
Total Pipe Length: 301.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/15/2010	Pre-Cleaned: Jetting	Map Grid #: 1601

1:660	position	observation	MPEG	photo	grade		
		<p>Camera Underwater, within 8 inch: NO, End</p> <p>Water Level Sag, 20 %, within 8 inch: NO, End</p> <p>Manhole, within 8 inch: NO, Remarks: 1601-0057</p>	<p>00:20:22</p> <p>00:20:54</p> <p>00:21:30</p>	<p>1731</p> <p>1732</p> <p>1733</p>	<p>M 4</p> <p>M 2</p>		
QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
4131	4A34	7	99	106	3.5	2.61	2.65



Inspection report

Date: 20100218	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1157	PSR: 75925
Total Pipe Length: 349.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 02/17/2010	Pre-Cleaned: Jetting	Map Grid #: 1545

Street: VALLEY VIEW RD	Flow Control: Not Controlled	Start MH: 1545-0439
City: RPV	Year Renewed	End MH: 1545-0438
Location Code: Light Highway	Tape/Media #: G312-006	pipe length: 354.6 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length: 6.0
Drain. Area: 0438/1545-0439/1545	Lining Method:
	Category:

Remark::

1:594	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1545-0439	00:00:35	1606	
	5.00	Water Level, 10 %, within 8 inch: NO	00:01:11	1607	
	7.10	Tap Factory Active, at 3 o'clock, 4", within 8 inch: NO	00:01:26	1608	
	63.50	Joint Offset Medium, within 8 inch: YES	00:03:04	1609, b	S 1
	69.80	Joint Offset Medium, within 8 inch: YES	00:03:46	1611, b	S 1
	75.80	Joint Offset Medium, within 8 inch: YES	00:04:26	1613, b	S 1
	99.60	Tap Factory Active, at 3 o'clock, 4", within 8 inch: NO	00:05:28	1615	
	106.40	Joint Offset Medium, within 8 inch: YES, Start	00:05:56	1616, b	S 1
	131.30	Deposits Attached Encrustation, from 7 to 5 o'clock, 20 %, within 8 inch: YES, Start	00:07:20	1618, b	M 3
	131.40	Infil Dripper, at 12 o'clock, within 8 inch: YES	00:07:52	1622, b	M 3
	133.00	Deposits Attached Encrustation, from 7 to 5 o'clock, 20 %, within 8 inch: YES, End	00:08:52	1624	M 3
	160.50	Deposits Attached Encrustation, from 9 to 12 o'clock, 10 %, within 8 inch: YES	00:10:12	1625, b	M 2
	166.60	Deposits Attached Encrustation, from 8 to 4 o'clock, 10 %, within 8 inch: YES, Start	00:11:04	1627, b	M 2
	191.50	Tap Factory Active, at 3 o'clock, 4", within 8 inch: NO	00:12:01	1629	
	228.40	Deposits Attached Encrustation, from 8 to 4 o'clock, 10 %, within 8 inch: YES, End	00:13:09	1630	M 2
	228.40	Joint Offset Medium, within 8 inch: YES, End	00:13:22	1631	S 1
	228.40	Water Level Sag, 25 %, within 8 inch: NO, Start	00:13:38	1632, b	M 2
	231.20	Water Level, 45 %, within 8 inch: NO	00:14:23	1634	
	234.30	Camera Underwater, within 8 inch: NO, Start	00:14:40	1635	M 4
	265.00	Deposits Attached Encrustation, from 10 to 2 o'clock, 15 %, within 8 inch: NO	00:16:07	1636, b	M 3



Inspection report

Date: 20100218	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1157	PSR: 75925
Total Pipe Length: 349.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 02/17/2010	Pre-Cleaned: Jetting	Map Grid #: 1545

1:594	position	observation	MPEG	photo	grade
	<u>277.10</u> F5	Camera Underwater, within 8 inch: NO, End	00:17:14	1638	M 4
	<u>277.10</u>	Water Level, 25 %, within 8 inch: NO	00:17:25	1639	
	<u>277.10</u>	Deposits Attached Encrustation, from 9 to 3 o'clock, 10 %, within 8 inch: NO	00:18:29	1640, b	M 2
	<u>283.80</u>	Tap Factory Active, at 3 o'clock, 4", within 8 inch: NO	00:27:08	1642	
	<u>291.00</u> F4	Water Level Sag, 25 %, within 8 inch: NO, End	00:27:44	1643	M 2
	<u>291.00</u>	Water Level, 5 %, within 8 inch: NO	00:27:56	1644	
	<u>301.70</u> S6	Water Level Sag, 25 %, within 8 inch: NO, Start	00:28:19	1645, b	M 2
	<u>310.20</u> F6	Water Level Sag, 25 %, within 8 inch: NO, End	00:28:59	1647	M 2
	<u>310.20</u>	Water Level, 10 %, within 8 inch: NO	00:29:09	1648	
	<u>340.70</u>	Water Level, 15 %, within 8 inch: NO	00:30:17	1649	
	<u>347.30</u>	Water Level, 15 %, within 8 inch: NO	00:30:31	1650	
	<u>352.90</u>	Water Level, 10 %, within 8 inch: NO	00:30:56	1651	
	<u>354.60</u>	Deposits Attached Encrustation, from 7 to 5 o'clock, 15 %, within 8 inch: YES	00:31:48	1652, b	M 3
	<u>354.60</u>	Deposits Attached Encrustation, from 5 to 7 o'clock, 15 %, within 8 inch: NO	00:33:02	1654, b	M 3
	<u>354.60</u>	Manhole, within 8 inch: NO, Remarks: 1545-0438	00:33:44	1656	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
1F00	4A35	33	129	162	1	2.53	1.93



Inspection report

Date: 20100218	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1157	PSR: 75925
Total Pipe Length: 349.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 02/17/2010	Pre-Cleaned: Jetting	Map Grid #: 1545

Street: VALLEY VIEW RD	Flow Control: Not Controlled	Start MH: 1545-0439
City: RPV	Year Renewed	End MH: 1545-0438
Location Code: Light Highway	Tape/Media #: G312-006	pipe length: 354.6 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length: 6.0
Drain. Area: 0438/1545-0439/1545	Lining Method:
	Category:

Remark::

1:594	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1545-0439	00:00:35	1606	
	5.00	Water Level, 10 %, within 8 inch: NO	00:01:11	1607	
	7.10	Tap Factory Active, at 3 o'clock, 4", within 8 inch: NO	00:01:26	1608	
	63.50	Joint Offset Medium, within 8 inch: YES	00:03:04	1609, b	S 1
	69.80	Joint Offset Medium, within 8 inch: YES	00:03:46	1611, b	S 1
	75.80	Joint Offset Medium, within 8 inch: YES	00:04:26	1613, b	S 1
	99.60	Tap Factory Active, at 3 o'clock, 4", within 8 inch: NO	00:05:28	1615	
	106.40	Joint Offset Medium, within 8 inch: YES, Start	00:05:56	1616, b	S 1
	131.30	Deposits Attached Encrustation, from 7 to 5 o'clock, 20 %, within 8 inch: YES, Start	00:07:20	1618, b	M 3
	131.40	Infil Dripper, at 12 o'clock, within 8 inch: YES	00:07:52	1622, b	M 3
	133.00	Deposits Attached Encrustation, from 7 to 5 o'clock, 20 %, within 8 inch: YES, End	00:08:52	1624	M 3
	160.50	Deposits Attached Encrustation, from 9 to 12 o'clock, 10 %, within 8 inch: YES	00:10:12	1625, b	M 2
	166.60	Deposits Attached Encrustation, from 8 to 4 o'clock, 10 %, within 8 inch: YES, Start	00:11:04	1627, b	M 2
	191.50	Tap Factory Active, at 3 o'clock, 4", within 8 inch: NO	00:12:01	1629	
	228.40	Deposits Attached Encrustation, from 8 to 4 o'clock, 10 %, within 8 inch: YES, End	00:13:09	1630	M 2
	228.40	Joint Offset Medium, within 8 inch: YES, End	00:13:22	1631	S 1
	228.40	Water Level Sag, 25 %, within 8 inch: NO, Start	00:13:38	1632, b	M 2
	231.20	Water Level, 45 %, within 8 inch: NO	00:14:23	1634	
	234.30	Camera Underwater, within 8 inch: NO, Start	00:14:40	1635	M 4
	265.00	Deposits Attached Encrustation, from 10 to 2 o'clock, 15 %, within 8 inch: NO	00:16:07	1636, b	M 3



Inspection report

Date: 20100218	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1157	PSR: 75925
Total Pipe Length: 349.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 02/17/2010	Pre-Cleaned: Jetting	Map Grid #: 1545

1:594	position	observation	MPEG	photo	grade
	<u>277.10</u> F5	Camera Underwater, within 8 inch: NO, End	00:17:14	1638	M 4
	<u>277.10</u>	Water Level, 25 %, within 8 inch: NO	00:17:25	1639	
	<u>277.10</u>	Deposits Attached Encrustation, from 9 to 3 o'clock, 10 %, within 8 inch: NO	00:18:29	1640, b	M 2
	<u>283.80</u>	Tap Factory Active, at 3 o'clock, 4", within 8 inch: NO	00:27:08	1642	
	<u>291.00</u> F4	Water Level Sag, 25 %, within 8 inch: NO, End	00:27:44	1643	M 2
	<u>291.00</u>	Water Level, 5 %, within 8 inch: NO	00:27:56	1644	
	<u>301.70</u> S6	Water Level Sag, 25 %, within 8 inch: NO, Start	00:28:19	1645, b	M 2
	<u>310.20</u> F6	Water Level Sag, 25 %, within 8 inch: NO, End	00:28:59	1647	M 2
	<u>310.20</u>	Water Level, 10 %, within 8 inch: NO	00:29:09	1648	
	<u>340.70</u>	Water Level, 15 %, within 8 inch: NO	00:30:17	1649	
	<u>347.30</u>	Water Level, 15 %, within 8 inch: NO	00:30:31	1650	
	<u>352.90</u>	Water Level, 10 %, within 8 inch: NO	00:30:56	1651	
	<u>354.60</u>	Deposits Attached Encrustation, from 7 to 5 o'clock, 15 %, within 8 inch: YES	00:31:48	1652, b	M 3
	<u>354.60</u>	Deposits Attached Encrustation, from 5 to 7 o'clock, 15 %, within 8 inch: NO	00:33:02	1654, b	M 3
	<u>354.60</u>	Manhole, within 8 inch: NO, Remarks: 1545-0438	00:33:44	1656	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
1F00	4A35	33	129	162	1	2.53	1.93



Inspection report

Date: 20100414	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 336	PSR: 69515
Total Pipe Length: 281.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 04/09/2010	Pre-Cleaned: Jetting	Map Grid #: 1654

Street: PALOS VERDES DR E	Flow Control: Not Controlled	Start MH: 1654-0232
City: RPV	Year Renewed	End MH: 1654-0231
Location Code: Light Highway	Tape/Media #: R311-048	pipe length: 214.3 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0231/1654-0232/1654	Lining Method:
	Category:

Remark::

1:500	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1654-0232	00:00:26	5503	
	8.30	Tap Factory Capped, at 3 o'clock, 6", within 8 inch: NO	00:01:48	5504	
	8.30	Roots Medium Lateral, at 3 o'clock, 40 %, within 8 inch: NO	00:02:09	5505, b	M 3
	10.60	Tap Factory, at 9 o'clock, 6", within 8 inch: NO	00:02:48	5507	
	10.60	Roots Ball Lateral, at 9 o'clock, 90 %, within 8 inch: NO	00:03:08	5508, b	M 4
	10.60	Roots Fine Connection, at 9 o'clock, within 8 inch: NO	00:03:35	5510, b	M 1
	22.60	Water Level, 30 %, within 8 inch: NO	00:04:22	5512	
	26.00	Roots Fine Joint, at 11 o'clock, within 8 inch: YES	00:04:47	5513, b	M 1
	55.90 S1	Water Level Sag, 45 %, within 8 inch: NO, Start	00:06:16	5515, b	M 3
	61.90	Tap Factory Capped, at 9 o'clock, 6", within 8 inch: NO	00:06:55	5517	
	64.60	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:07:27	5518	
	64.60	Roots Ball Lateral, at 3 o'clock, 70 %, within 8 inch: NO	00:07:47	5519, b	M 4
	81.70 S2	Camera Underwater, within 8 inch: NO, Start	00:08:49	5521	M 4
	122.60	Tap Factory Capped, at 10 o'clock, 6", within 8 inch: NO	00:10:43	5522	
	125.60 F2	Camera Underwater, within 8 inch: NO, End	00:11:05	5523, b	M 4
	141.70	Tap Factory Capped, at 3 o'clock, 6", within 8 inch: NO	00:14:01	5525	
	160.60 F1	Water Level Sag, 45 %, within 8 inch: NO, End	00:14:59	5526, b	M 3
	160.60	Water Level, 10 %, within 8 inch: NO	00:15:15	5528	
	177.20	Roots Fine Joint, at 9 o'clock, within 8 inch: YES	00:16:24	5529, b	M 1
	195.80	Tap Factory Active, at 2 o'clock, 6", within 8 inch: NO	00:17:37	5531	
	214.30	Manhole, within 8 inch: NO, Remarks: 1654-0231	00:18:57	5532	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	4A3E	0	136	136	0	3.16	3.16



Inspection report

Date: 20100419	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 360	PSR: 674048
Total Pipe Length: 141.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 04/16/2010	Pre-Cleaned: Jetting	Map Grid #: 1655

Street: EASEMENT	Flow Control: Not Controlled	Start MH: 1655-0027A
City: RPV	Year Renewed	End MH: 1655-0063
Location Code: Easement/Right of Way	Tape/Media #: R311-051	pipe length: 140.2 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 10"/10"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0027/1655-0063/1655	Lining Method:
	Category:

Remark::

1:325	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1655-0027A	00:00:27	5732	
	6.00 S1	Water Level Sag, 40 %, within 8 inch: NO, Start	00:01:22	5733	M 3
	18.90	General Observation, within 8 inch: NO, Remarks: Pipe Joint Length 6'	00:02:13	5734	
	27.00	Tap Factory Capped, at 3 o'clock, 6", within 8 inch: NO	00:02:49	5735	
	47.80	Tap Factory Capped, at 9 o'clock, 6", within 8 inch: NO	00:03:54	5736	
	61.20 F1	Water Level Sag, 40 %, within 8 inch: NO, End	00:04:38	5737, b	M 3
	61.20	Water Level, 25 %, within 8 inch: NO	00:04:53	5739	
	95.80 S2	Water Level Sag, 55 %, within 8 inch: NO, Start	00:10:17	5740, b	M 4
	105.40	Tap Factory Capped, at 3 o'clock, 6", within 8 inch: NO	00:11:15	5742	
	113.80 S3	Camera Underwater, within 8 inch: NO, Start	00:12:00	5743	M 4
	137.00 F3	Camera Underwater, within 8 inch: NO, End	00:13:16	5744	M 4
	138.20 F2	Water Level Sag, 55 %, within 8 inch: NO, End	00:13:42	5745, b	M 4
	140.20	Manhole, within 8 inch: NO, Remarks: 1655-0063	00:15:03	5747	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	4B3A	0	110	110	0	3.55	3.55



Inspection report

Date: 20100218	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1156	PSR: 75924
Total Pipe Length: 240.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 02/17/2010	Pre-Cleaned: Jetting	Map Grid #: 1545

Street: VALLEY VIEW RD	Flow Control: Not Controlled	Start MH: 1545-0437
City: RPV	Year Renewed:	End MH: 1545-0438
Location Code: Light Highway	Tape/Media #: G312-006	pipe length: 168.3 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length: 6.0
Drain. Area: 0437/1545-0438/1545	Lining Method:
	Category:

Remark::

1:375	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1545-0437	00:00:39	1590	
	0.50 S1	Water Level Sag, 35 %, within 8 inch: NO, Start	00:01:03	1591, b	M 3
	4.00	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:01:41	1594	
	52.70 S2	Camera Underwater, within 8 inch: NO, Start	00:11:22	1595	M 4
	111.10	Water Level, 20 %, within 8 inch: NO	00:14:46	1596	
	115.50 F2	Camera Underwater, within 8 inch: NO, End	00:15:12	1597	M 4
	115.50 F1	Water Level Sag, 35 %, within 8 inch: NO, End	00:15:22	1598	M 3
	115.50	Water Level, 5 %, within 8 inch: NO	00:15:33	1599	
	146.70	Tap Factory Active, at 9 o'clock, 4", within 8 inch: NO	00:16:29	1600	
	159.90	General Observation, within 8 inch: NO, Remarks: joint length 6'	00:17:23	1601	
	166.10	Water Level, 15 %, within 8 inch: NO	00:17:41	1602	
	168.30	Deposits Attached Encrustation, from 7 to 10 o'clock, 20 %, within 8 inch: NO	00:18:17	1603, b	M 3
	168.30	Manhole, within 8 inch: NO, Remarks: 1545-0438	00:18:53	1605	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	4B3E	0	154	154	0	3.35	3.35



Inspection report

Date: 20100223	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 744	PSR: 75366
Total Pipe Length: 340.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 02/19/2010	Pre-Cleaned: Jetting	Map Grid #: 1546

Street: EASEMENT	Flow Control: Not Controlled	Start MH: 1546-0008
City: RPV	Year Renewed:	End MH: 1546-0009
Location Code: Easement/Right of Way	Tape/Media #: R315-012	pipe length: 348.9 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 10"/10"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0008/1546-0009/1546	Lining Method:
	Category:

Remark::

1:800	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1546-0008	00:00:29	207	
	6.20	Water Level, 30 %, within 8 inch: NO	00:02:06	208	
	17.50	Water Level, 15 %, within 8 inch: NO	00:02:37	209	
	24.50	General Observation, within 8 inch: NO, Remarks: Pipe Joint Length 5'	00:03:16	210	
	156.80	Tap Break-in Abandoned, at 3 o'clock, 4", within 8 inch: NO	00:07:21	211	
	188.00	Tap Break-in Abandoned, at 3 o'clock, 4", within 8 inch: NO	00:09:48	212	
	267.50	Repair Patch, from 7 to 11 o'clock, within 8 inch: NO, Remarks: Cement Repair	00:13:27	213, b	
	330.70	Water Level, 70 %, within 8 inch: NO	00:15:49	215	
	335.40	S1 Camera Underwater, within 8 inch: NO, Remarks: Possible Syphon, Start	00:22:08	216	M 4
	348.90	F1 Camera Underwater, within 8 inch: NO, Remarks: Possible Syphon, End	00:24:22	217, b	M 4
348.90	Abandoned Survey, within 8 inch: NO, Remarks: Due To Possible Syphon Sh	00:26:39	219, b		

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	4300	0	12	12	0	4	4



Inspection report

Date: 20100317	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1409	PSR: 71944
Total Pipe Length: 307.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/16/2010	Pre-Cleaned: Jetting	Map Grid #: 1600

Street: GANADO DR	Flow Control: Not Controlled	Start MH: 1600-0088
City: RPV	Year Renewed	End MH: 1600-0089
Location Code: Light Highway	Tape/Media #: G312-024	pipe length: 343.7 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length: 5.0
Drain. Area: 0088/1600-0089/1600	Lining Method:
	Category:

Remark::

1:693	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1600-0088	00:00:35	6206	
	5.10	Water Level, 10 %, within 8 inch: NO	00:01:17	6207	
	9.40 S1	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, Start	00:01:44	6208, b	M 1
	21.80	Water Level, 15 %, within 8 inch: NO	00:02:17	6210	
	35.00	Alignment Left, 10 %, within 8 inch: NO	00:02:51	6211, b	M 1
	41.30	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:03:21	6213	
	58.30	Alignment Left, 10 %, within 8 inch: NO	00:03:48	6214, b	M 1
	75.50 S2	Water Level Sag, 45 %, within 8 inch: NO, Start	00:05:12	6216, b	M 3
	88.70 S3	Camera Underwater, within 8 inch: NO, Start	00:06:01	6218, b	M 4
	194.10 F3	Camera Underwater, within 8 inch: NO, End	00:11:38	6220	M 4
	205.50	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:12:13	6221	
	227.50 F1	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, End	00:13:21	6222	M 1
	252.00	Water Level, 25 %, within 8 inch: NO	00:14:37	6223	
	269.60 F2	Water Level Sag, 45 %, within 8 inch: NO, End	00:15:19	6224	M 3
	269.60	Water Level, 15 %, within 8 inch: NO	00:15:36	6225	
	275.50	Tap Factory Defective, at 9 o'clock, 6", 2, within 8 inch: NO	00:16:05	6226, b	M 2
	275.50	Fracture Multiple, from 8 to 10 o'clock, within 8 inch: NO	00:16:21	6228, b	S 4
	283.70	Water Mark, 15 %, within 8 inch: NO	00:17:04	6230	
	285.80 S4	Water Level Sag, 25 %, within 8 inch: NO, Start	00:17:20	6231, b	M 2
	288.50	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:17:47	6233	
	295.20 F4	Water Level Sag, 25 %, within 8 inch: NO, End	00:18:08	6234	M 2
	295.20	Water Level, 15 %, within 8 inch: NO	00:18:20	6235	

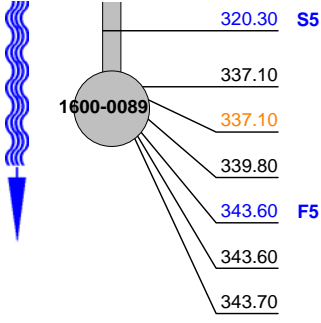


Inspection report

Date: 20100317	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1409	PSR: 71944
Total Pipe Length: 307.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/16/2010	Pre-Cleaned: Jetting	Map Grid #: 1600

1:693	position	observation	MPEG	photo	grade
	<u>320.30</u> S5	Water Level Sag, 25 %, within 8 inch: NO, Start	00:19:06	6236, b	M 2
	<u>337.10</u>	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:19:53	6238	
	<u>337.10</u>	Crack Multiple, from 1 to 5 o'clock, within 8 inch: NO	00:20:20	6239, b	S 3
	<u>339.80</u>	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:20:50	6241	
	<u>343.60</u> F5	Water Level Sag, 25 %, within 8 inch: NO, End	00:22:07	6242	M 2
	<u>343.60</u>	Water Level, 10 %, within 8 inch: NO	00:22:20	6243	
	<u>343.70</u>	Manhole, within 8 inch: NO, Remarks: 1600-0089	00:21:30	6244	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
4131	4D3J	7	326	333	3.5	2.31	2.33





Inspection report

Date: 20100406	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 287	PSR: 69522
Total Pipe Length: 170.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 04/05/2010	Pre-Cleaned: Jetting	Map Grid #: 1654

Street: EASEMENT	Flow Control: Not Controlled	Start MH: 1654-0238
City: RPV	Year Renewed	End MH: 1654-0239
Location Code: Easement/Right of Way	Tape/Media #: R311-042	pipe length: 128.2 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0238/1654-0239/1654	Lining Method:
	Category:

Remark::

1:300	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1654-0238	00:00:21	4688	
	23.70	Water Level, 25 %, within 8 inch: NO	00:02:35	4689	
	59.20	Water Level Sag, 85 %, within 8 inch: NO, Start	00:04:29	4690, b	M 4
	59.20	Camera Underwater, within 8 inch: NO, Start	00:04:46	4692	M 4
	128.20	Camera Underwater, within 8 inch: NO, End	00:07:30	4693	M 4
	128.20	Water Level Sag, 85 %, within 8 inch: NO, End	00:07:49	4694	M 4
	128.20	Abandoned Survey, within 8 inch: NO, Remarks: Due To Major Sag Camera U	00:08:42	4695	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	4F00	0	136	136	0	4	4



Inspection report

Date: 20100715	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 3320	PSR: 84705
Total Pipe Length: 363.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 07/13/2010	Pre-Cleaned: Jetting	Map Grid #: 1655

Street: 25TH ST	Flow Control: Not Controlled	Start MH: 1655-0022
City: RPV	Year Renewed	End MH: 1601-0001
Location Code: Light Highway	Tape/Media #: R311-110	pipe length: 352.4 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 15"/15"
Use of Sewer: Sanitary	Material: Polyethylene Pipe Length:
Drain. Area: 0022/1655-0001/1601	Lining Method: Cured in Place
	Category:

Remark::

1:800	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1655-0022	00:00:21	677	
	6.00	Water Level, 15 %, within 8 inch: NO	00:01:27	678	
	19.10	Water Level, 5 %, within 8 inch: NO	00:01:52	679	
	19.10	Water Mark, 90 %, within 8 inch: NO	00:02:04	680	M 5
	352.40	Manhole, within 8 inch: NO, Remarks: 1601-0001	00:08:03	681	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	5100	0	5	5	0	5	5



Inspection report

Date: 20100713	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 3308	PSR: 69169
Total Pipe Length: 200.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 07/12/2010	Pre-Cleaned: Jetting	Map Grid #: 1655

Street: EASEMENT	Flow Control: Not Controlled	Start MH: 1655-0009
City: RPV	Year Renewed	End MH: 1655-0008
Location Code: Easement/Right of Way	Tape/Media #: R311-108	pipe length: 198.1 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0008/1655-0009/1655	Lining Method:
	Category:

Remark::

1:450	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1655-0009	00:00:25	507	
	0.00	Water Level, 5 %, within 8 inch: NO	00:00:57	508	
	11.40	Tap Factory Capped, at 3 o'clock, 6", within 8 inch: NO	00:2:10	509	
	13.90	Tap Factory Capped, at 9 o'clock, 6", within 8 inch: NO	00:02:42	510	
	67.30	Tap Factory Capped, at 3 o'clock, 6", within 8 inch: NO	00:04:57	511	
	73.60	Tap Factory Capped, at 9 o'clock, 6", within 8 inch: NO	00:05:51	512	
	129.90	Tap Factory Capped, at 3 o'clock, 6", within 8 inch: NO	00:08:13	513	
	136.30	Tap Factory Capped, at 9 o'clock, 6", within 8 inch: NO	00:08:58	514	
	190.80	Tap Factory Capped, at 3 o'clock, 6", within 8 inch: NO	00:11:20	515	
	198.00	Obstacle Other, from 12 to 6 o'clock, 70 %, within 8 inch: NO, Remarks: In Mh Channel	00:13:36	516, b	M 5
198.10	Manhole, within 8 inch: NO, Remarks: 1655-0008	00:14:10	518		

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	5100	0	5	5	0	5	5



Inspection report

Date: 20100628	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 3102	PSR: 75151
Total Pipe Length: 145.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 06/23/2010	Pre-Cleaned: Jetting	Map Grid #: 1546

Street: EASEMENT	Flow Control: Not Controlled	Start MH: 1546-0248
City: RPV	Year Renewed	End MH: 1546-0247
Location Code: Easement/Right of Way	Tape/Media #: R311-099	pipe length: 19.7 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0247/1546-0248/1546	Lining Method:
	Category:

Remark::

1:50	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1546-0248	00:00:24	1166	
	4.00	Fracture Multiple, from 12 to 11 o'clock, within 8 inch: NO	00:02:28	1167, b	S 4
	6.00	Water Level, 5 %, within 8 inch: NO	00:03:15	1169	
	16.50	Obstacle Other, from 3 to 9 o'clock, 45 %, within 8 inch: NO, Remarks: Debris	00:04:31	1170, b	M 5
	19.70	Abandoned Survey, within 8 inch: NO, Remarks: Due To Debris	00:06:30	1172, b	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
4100	5100	4	5	9	4	5	4.5



Inspection report

Date: 20100414	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1716	PSR: 69721
Total Pipe Length: 221.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 04/13/2010	Pre-Cleaned: Jetting	Map Grid #: 1654

Street: EASEMENT	Flow Control: Not Controlled	Start MH: 1654-0098
City: RPV	Year Renewed:	End MH: 1654-0099
Location Code: Easement/Right of Way	Tape/Media #: G312-043	pipe length: 0 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0098/1654-0099/1654	Lining Method:
	Category:

Remark::

1:25	position	observation	MPEG	photo	grade
		Manhole, within 8 inch: NO, Remarks: 1654-0098	00:00:40	10954	
		Obstacle Construction Debris, from 3 to 9 o'clock, 50 %, within 8 inch: NO, Remarks: CEMENT	00:01:21	10955	M 5
		Abandoned Survey, within 8 inch: NO, Remarks: 50% CEMENT IN PIPE, CAMER	00:02:22	10956	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	5100	0	5	5	0	5	5



Inspection report

Date: 20100413	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1705	PSR: 75091
Total Pipe Length: 49.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 04/12/2010	Pre-Cleaned: Jetting	Map Grid #: 1546

Street: EASEMENT	Flow Control: Not Controlled	Start MH: 1546-0318
City: RPV	Year Renewed:	End MH: 1546-0319
Location Code: Easement/Right of Way	Tape/Media #: G312-042	pipe length: 0 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0318/1546-0319/1546	Lining Method:
	Category:

Remark::

1:25	position	observation	MPEG	photo	grade
		Manhole, within 8 inch: NO, Remarks: 1546-0318	00:00:24	10849	
	0.00	Obstacle Built Into Structure, from 7 to 5 o'clock, 75 %, within 8 inch: NO, Remarks: CAST-IRON TRAP	00:01:25	10850	M 5
	0.00	Abandoned Survey, within 8 inch: NO, Remarks: CAMERA BLOCKED BY TRAP, C	00:01:56	10851	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	5100	0	5	5	0	5	5



Inspection report

Date: 20100304	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1295	PSR: 75072
Total Pipe Length: 74.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/03/2010	Pre-Cleaned: Jetting	Map Grid #: 1546

Street: ALBERO CT	Flow Control: Not Controlled	Start MH: 1546-0300
City: RPV	Year Renewed:	End MH: 1546-0299
Location Code: Light Highway	Tape/Media #: G312-016	pipe length: 70.7 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length: 5.0
Drain. Area: 0299/1546-0300/1546	Lining Method:
	Category:

Remark::

1:175	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1546-0300	00:00:49	3688	
	0.00	Water Level, 10 %, within 8 inch: NO	00:01:03	3689	
	34.20	Joint Offset Medium, within 8 inch: YES	00:02:35	3690, b	S 1
	34.20	Intruding Sealing Ring Loose/Poorly Fitting, from 3 to 6 o'clock, 10 %, within 8 inch: NO	00:03:02	3692, b	M 2
	67.20	Deposits Attached Grease, from 8 to 4 o'clock, 15 %, within 8 inch: NO	00:04:56	3694, b	M 3
	69.90	Material Change, within 8 inch: NO, Remarks: CAST-IRON PIPE	00:05:57	3696, b	
	70.60	Surface Corrosion Metal Pipe, from 7 to 5 o'clock, within 8 inch: NO	00:06:53	3698, b	S 3
	70.70	Roots Medium Joint, from 4 to 8 o'clock, 30 %, within 8 inch: YES	00:07:53	3700, b	M 3
	70.70	Abandoned Survey, within 8 inch: NO, Remarks: CAMERA BLOCKED BY CORROSI	00:08:41	3702	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
3111	3221	4	8	12	2	2.67	2.4



Inspection report

Date: 20100325	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1520	PSR: 71808
Total Pipe Length: 159.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/24/2010	Pre-Cleaned: Jetting	Map Grid #: 1600

Street: EASEMENT	Flow Control: Not Controlled	Start MH: 1600-0175
City: RPV	Year Renewed:	End MH: 1600-0176
Location Code: Parking Lot	Tape/Media #: G312-030	pipe length: 137.3 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Polyethylene Pipe Length: 13.0
Drain. Area: 0175/1600-0176/1600	Lining Method:
	Category:

Remark::

1:325	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1600-0175	00:00:40	8228	
	5.00	Water Level, 5 %, within 8 inch: NO	00:01:14	8229	
	50.10	Alignment Right, 10 %, within 8 inch: NO	00:02:28	8230, b	M 1
	81.00	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:03:27	8232	
	91.00	Joint Offset Medium, within 8 inch: YES	00:03:53	8233, b	S 1
	91.00	Alignment Right, 10 %, within 8 inch: NO	00:04:05	8235, b	M 1
	105.40	Deposits Attached Encrustation, from 5 to 7 o'clock, 15 %, within 8 inch: NO	00:04:51	8237, b	M 3
	109.20	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:05:18	8239	
	112.90	Deposits Attached Encrustation, from 5 to 7 o'clock, 15 %, within 8 inch: NO	00:05:47	8240, b	M 3
	126.80 S1	Deposits Attached Encrustation, from 5 to 7 o'clock, 15 %, within 8 inch: NO, Start	00:06:37	8242, b	M 3
	130.80	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:07:09	8244	
	134.10	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:07:42	8245	
	137.30 F1	Deposits Attached Encrustation, from 5 to 7 o'clock, 15 %, within 8 inch: NO, End	00:08:05	8246	M 3
	137.30	Deposits Attached Encrustation, from 4 to 8 o'clock, 25 %, within 8 inch: NO	00:08:28	8247	M 4
	137.30	Abandoned Survey, within 8 inch: NO, Remarks: CAMERA BLOCKED BY CALCIUM	00:08:46	8248	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
1100	4135	1	21	22	1	2.62	2.44



Inspection report

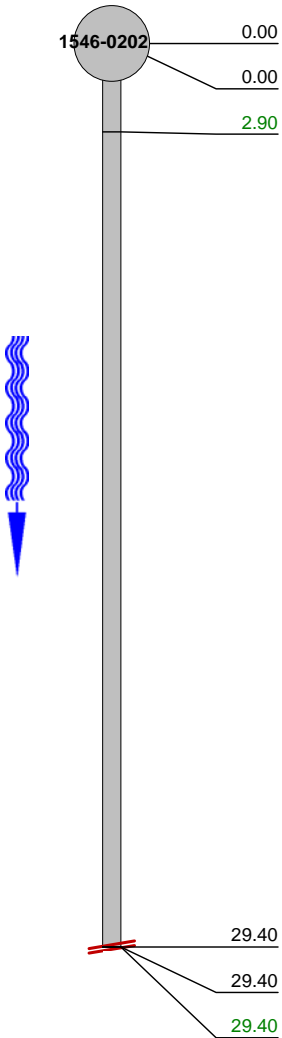
Date: 20100713	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 3305	PSR: 75212
Total Pipe Length: 33.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 07/12/2010	Pre-Cleaned: Jetting	Map Grid #: 1546

Street: EASEMENT	Flow Control: Not Controlled	Start MH: 1546-0202
City: RPV	Year Renewed	End MH: 1546-TRNK
Location Code: Easement/Right of Way	Tape/Media #: R311-108	pipe length: 29.4 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0202/1546-TRNK/1546	Lining Method:
	Category:

Remark::

1:75	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1546-0202	00:00:34	481	
	0.00	Obstacle Other, from 3 to 9 o'clock, 50 %, within 8 inch: NO	00:01:33	482, b	M 5
	2.90 S1	Roots Fine Joint, from 8 to 4 o'clock, within 8 inch: YES, Start	00:04:14	486, b	M 1
	29.40	Water Level, 100 %, within 8 inch: NO	00:06:50	488	
	29.40	Abandoned Survey, within 8 inch: NO, Remarks: DUE TO WATER BEING HELD	00:08:24	489	
	29.40 F1	Roots Fine Joint, from 8 to 4 o'clock, within 8 inch: YES, End	00:08:48	490	M 1



QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	5117	0	12	12	0	1.5	1.5



Inspection report

Date: 20100712	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 3508	PSR: 75181
Total Pipe Length: 24.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date:	Pre-Cleaned: Heavy Cleaning	Map Grid #: 1546

Street: PALOS VERDES DR S	Flow Control: Not Controlled	Start MH: 1546-0295
City: RPV	Year Renewed:	End MH: 1546-0294
Location Code: Easement/Right of Way	Tape/Media #: G312-062	pipe length: 16.9 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0294/1546-0295/1546	Lining Method:
	Category:

Remark::

1:50	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1546-0295	00:00:28	29	
	6.00	Water Level, 10 %, within 8 inch: NO	00:02:00	30	
	9.20	Joint Offset Medium, within 8 inch: YES	00:02:42	31, b	S 1
	9.20	Alignment Down, 15 %, within 8 inch: NO	00:02:50	33, b	M 2
	14.30	Joint Offset Large, within 8 inch: YES	00:03:56	35, b	S 2
	16.70	Obstacle Built Into Structure, from 7 to 6 o'clock, 75 %, within 8 inch: NO, Remarks: CAST-IRON TRAP	00:05:38	37	M 5
	16.80	Surface Corrosion Metal Pipe, from 7 to 6 o'clock, within 8 inch: NO	00:05:56	38	S 3
	16.90	Manhole, within 8 inch: NO, Remarks: 1546-0294, UNABLE TO SEE	00:06:20	39	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
3121	5121	6	7	13	2	3.5	2.6



Inspection report

Date: 20100401	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1582	PSR: 69555
Total Pipe Length: 249.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/31/2010	Pre-Cleaned: Jetting	Map Grid #: 1654

Street: EASEMENT	Flow Control: Not Controlled	Start MH: 1654-0269
City: RPV	Year Renewed	End MH: 1654-0270
Location Code: Easement/Right of Way	Tape/Media #: G312-034	pipe length: 246.7 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length: 3.0
Drain. Area: 0269/1654-0270/1654	Lining Method:
	Category:

Remark::

1:550	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1654-0269	00:00:39	9118	
	5.00	Water Level, 5 %, within 8 inch: NO	00:1:10	9119	
	61.80	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:02:23	9120	
	62.60	Joint Offset Medium, within 8 inch: YES	00:02:41	9121, b	S 1
	64.40	Joint Offset Medium, within 8 inch: YES	00:03:21	9123, b	S 1
	64.40	Roots Fine Joint, from 7 to 9 o'clock, within 8 inch: YES	00:03:41	9125, b	M 1
	66.10 S1	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, Start	00:04:16	9127, b	M 1
	66.10	Joint Offset Medium, within 8 inch: YES	00:04:26	9129, b	S 1
	92.00	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:05:24	9131	
	92.00	Roots Fine Lateral, at 9 o'clock, within 8 inch: NO	00:05:33	9132, b	M 1
	103.00 F1	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, End	00:06:02	9134	M 1
	160.50	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:07:22	9135	
	163.00	Tap Factory Capped, at 9 o'clock, 6", within 8 inch: NO	00:07:38	9136	
	173.60	Tap Break-in Intruding, at 10 o'clock, 20 %, 4", 2, within 8 inch: NO, Remarks: .5" INTRUSION	00:08:34	9137, b	M 3
	202.20	Crack Circumferential, from 9 to 10 o'clock, within 8 inch: YES	00:09:50	9139, b	S 1
	203.20	Crack Longitudinal, at 11 o'clock, within 8 inch: YES	00:10:30	9141, b	S 2
	203.20	Tap Break-in Active, at 11 o'clock, 4", within 8 inch: NO	00:10:52	9143	
	203.30	Crack Circumferential, from 12 to 1 o'clock, within 8 inch: NO	00:11:14	9144, b	S 1
	229.20	Repair Patch, from 11 to 1 o'clock, within 8 inch: NO, Remarks: PLASTER PATCH	00:13:23	9146, b	
	230.80	Tap Break-in Active, at 12 o'clock, 4", within 8 inch: NO	00:14:03	9148	
	246.50	Obstacle External Pipe or Cable, from 12 to 6 o'clock, 35 %, within 8 inch: NO, Remarks: 4" ABS INTRUDING LATERAL	00:15:51	9149, b	M 5
	246.70	Abandoned Survey, within 8 inch: NO, Remarks: CAMERA BLOCKED BY OBSTACL	00:16:49	9151	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
2115	5131	7	19	26	1.17	1.46	1.37



Inspection report

Date: 20100312	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1386	PSR: 71999-A
Total Pipe Length: 128.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/11/2010	Pre-Cleaned: Jetting	Map Grid #: 1600

Street: VALOR PL	Flow Control: Not Controlled	Start MH: 1600-0033
City: RPV	Year Renewed:	End MH: 1600-0036-A
Location Code: Light Highway	Tape/Media #: G312-022	pipe length: 89.9 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length: 5.0
Drain. Area: 0033/1600-0036-A/1600	Lining Method:
	Category:

Remark::

1:200	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1600-0033	00:00:52	5710	
	5.00	Water Level, 5 %, within 8 inch: NO	00:01:26	5711	
	48.30	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	00:02:40	5712, b	S 3
	48.30 S1	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, Start	00:03:09	5714, b	M 1
	69.00	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	00:04:38	5716, b	S 3
	86.20	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	00:05:52	5718, b	S 3
	86.20 F1	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, End	00:06:06	5720	M 1
	86.90	Deposits Attached Other, from 7 to 9 o'clock, 15 %, within 8 inch: NO	00:06:38	5721, b	M 3
	89.90	Obstacle Construction Debris, from 1 to 11 o'clock, 80 %, within 8 inch: NO, Remarks: ASPHALT	00:07:43	5723, b	M 5
	89.90	Abandoned Survey, within 8 inch: NO, Remarks: COMPLETES INSPECTION OF E	00:08:13	5725	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
3300	5131	9	17	26	3	1.55	1.86



Inspection report

Date: 20100226	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1255	PSR: 76319
Total Pipe Length: 85.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 02/25/2010	Pre-Cleaned: Jetting	Map Grid #: 1545

Street: EASEMENT	Flow Control: Not Controlled	Start MH: 1545-0073
City: RPV	Year Renewed	End MH: 1545-0072
Location Code: Easement/Right of Way	Tape/Media #: G312-012	pipe length: 87.1 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length: 3.0
Drain. Area: 0072/1545-0073/1545	Lining Method:
	Category:

Remark::

1:200	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1545-0073	00:00:41	3064	
	0.50	Fracture Circumferential, from 5 to 7 o'clock, within 8 inch: NO	00:2:10	3065, b	S 2
	0.50	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	00:03:07	3067, b	M 1
	6.00	Water Level, 5 %, within 8 inch: NO	00:04:04	3069	
	12.20	Roots Ball Barrel, from 3 to 9 o'clock, 55 %, within 8 inch: NO	00:04:58	3070, b	M 5
	17.20	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	00:06:14	3072, b	M 1
	24.30	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:07:05	3074	
	25.00	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	00:07:33	3075, b	M 1
	55.90	Broken, from 5 to 8 o'clock, within 8 inch: YES	00:09:47	3077, b	S 5
	55.90	Fracture Longitudinal, at 6 o'clock, within 8 inch: YES	00:09:58	3079, b	S 3
	55.90 S1	Roots Fine Joint, from 9 to 3 o'clock, within 8 inch: YES, Start	00:10:09	3081, b	M 1
	55.90	Joint Offset Medium, within 8 inch: YES	00:10:17	3083, b	S 1
	58.90	Roots Tap Barrel, from 5 to 7 o'clock, 15 %, within 8 inch: NO	00:11:40	3085, b	M 3
	58.90	Broken, from 7 to 6 o'clock, within 8 inch: NO	00:12:05	3087, b	S 5
	72.20	Roots Tap Joint, from 6 to 8 o'clock, 15 %, within 8 inch: YES	00:27:39	3090, b	M 2
	84.10 F1	Roots Fine Joint, from 9 to 3 o'clock, within 8 inch: YES, End	00:29:00	3092	M 1
	87.10	Manhole, within 8 inch: NO, Remarks: 1545-0072	00:29:38	3093	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
5231	5131	16	20	36	3.2	1.54	2



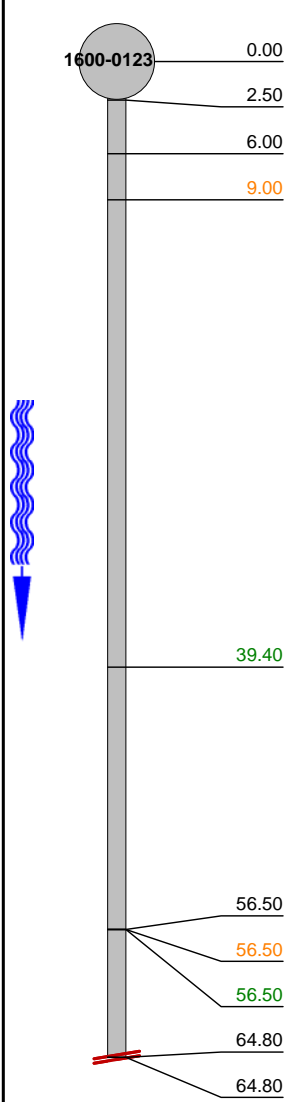
Inspection report

Date: 20100716	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 3329	PSR: 71868
Total Pipe Length: 90.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 07/15/2010	Pre-Cleaned: Jetting	Map Grid #: 1600

Street: EASEMENT	Flow Control: Not Controlled	Start MH: 1600-0123
City: RPV	Year Renewed:	End MH: 1600-0124
Location Code: Easement/Right of Way	Tape/Media #: R311-111	pipe length: 64.8 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0123/1600-0124/1600	Lining Method:
	Category:

Remark::

1:150	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1600-0123	00:00:25	898	
	2.50	Tap Factory Capped, at 9 o'clock, 4", within 8 inch: NO	00:01:41	899	
	6.00	Water Level, 5 %, within 8 inch: NO	00:02:18	900	
	9.00	Roots Medium Joint, from 4 to 8 o'clock, 30 %, within 8 inch: YES	00:02:55	901, b	M 3
	39.40	Roots Fine Joint, from 8 to 4 o'clock, within 8 inch: YES	00:04:42	903, b	M 1
	56.50	Tap Factory Active, at 3 o'clock, 4", within 8 inch: NO	00:06:12	905	
	56.50	Roots Medium Lateral, at 3 o'clock, 25 %, within 8 inch: NO	00:06:56	906, b	M 3
	56.50	Roots Fine Connection, at 3 o'clock, within 8 inch: NO	00:07:15	908, b	M 1
	64.80	Roots Ball Barrel, from 7 to 5 o'clock, 95 %, within 8 inch: NO	00:08:49	910	M 5
	64.80	Abandoned Survey, within 8 inch: NO, Remarks: Due To Roots Ball Barrel-	00:09:51	911	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	5132	0	13	13	0	2.6	2.6



Inspection report

Date: 20100406	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1643	PSR: 69721
Total Pipe Length: 221.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 04/05/2010	Pre-Cleaned: Jetting	Map Grid #: 1654

Street: EASEMENT	Flow Control: Not Controlled	Start MH: 1654-0099
City: RPV	Year Renewed:	End MH: 1654-0098
Location Code: Easement/Right of Way	Tape/Media #: G312-037	pipe length: 212.6 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length: 3.0
Drain. Area: 0098/1654-0099/1654	Lining Method:
	Category:

Remark::

1:475	position	observation	MPEG	photo	grade		
	0.00	Manhole, within 8 inch: NO, Remarks: 1654-0099, BURIED	00:00:41	10031			
	0.00	Water Level, 10 %, within 8 inch: NO	00:00:50	10032			
	37.50	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:02:20	10033			
	37.50	Roots Medium Connection, from 2 to 4 o'clock, 25 %, within 8 inch: NO	00:03:00	10034, b	M 3		
	101.10	Fracture Multiple, from 7 to 6 o'clock, within 8 inch: YES, Start	00:05:29	10036, b	S 4		
	104.30	Roots Fine Joint, from 1 to 5 o'clock, within 8 inch: YES	00:06:22	10038, b	M 1		
	104.30	Fracture Multiple, from 7 to 6 o'clock, within 8 inch: YES, End	00:06:34	10040	S 4		
	117.80	Crack Multiple, from 7 to 6 o'clock, within 8 inch: YES	00:07:21	10041, b	S 3		
	120.30	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:07:56	10043			
	120.30	Roots Medium Lateral, at 3 o'clock, 30 %, within 8 inch: NO	00:08:37	10044, b	M 3		
	178.80	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:10:33	10046			
	178.80	Roots Tap Lateral, at 3 o'clock, 20 %, within 8 inch: NO	00:10:55	10047, b	M 2		
	211.70	Obstacle Construction Debris, from 3 to 9 o'clock, 50 %, within 8 inch: NO, Remarks: ASPHALT	00:13:31	10049, b	M 5		
	212.60	Abandoned Survey, within 8 inch: NO, Remarks: CAMERA BLOCKED BY ASPHALT	00:14:19	10051			
QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
4131	5132	7	14	21	3.5	2.8	3



Inspection report

Date: 20100312	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1374	PSR: 71877
Total Pipe Length: 158.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/11/2010	Pre-Cleaned: Jetting	Map Grid #: 1600

Street: PIRATE DR	Flow Control: Not Controlled	Start MH: 1600-0131
City: RPV	Year Renewed:	End MH: 1600-0133
Location Code: Light Highway	Tape/Media #: G312-022	pipe length: 143.9 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length: 5.0
Drain. Area: 0131/1600-0133/1600	Lining Method:
	Category:

Remark::

1:325	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1600-0131	00:00:30	5501	
	5.00	Water Level, 10 %, within 8 inch: NO	00:01:05	5502	
	48.40	Deposits Ingressed Fine, from 8 to 4 o'clock, 5 %, within 8 inch: NO	00:02:27	5503, b	M 2
	62.10	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:03:27	5505	
	129.60 S1	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, Start	00:05:14	5506, b	M 1
	136.00	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:05:57	5508	
	136.00	Roots Medium Lateral, at 3 o'clock, 25 %, within 8 inch: NO	00:06:20	5509, b	M 3
	137.10 F1	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, End	00:06:50	5511	M 1
	141.40	Roots Fine Joint, at 8 o'clock, within 8 inch: YES	00:07:15	5512, b	M 1
	141.40	Deposits Ingressed Fine, from 5 to 7 o'clock, 15 %, within 8 inch: NO, Remarks: DIRT	00:07:36	5514, b	M 3
	143.70	Deposits Settled Compacted, from 3 to 9 o'clock, 40 %, within 8 inch: NO	00:08:16	5516, b	M 5
	143.90	Manhole, within 8 inch: NO, Remarks: 1600-0133	00:08:46	5518	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	5132	0	16	16	0	2.29	2.29



Inspection report

Date: 20100303	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1284	PSR: 75299
Total Pipe Length: 275.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/02/2010	Pre-Cleaned: Jetting	Map Grid #: 1546

Street: EASEMENT	Flow Control: Not Controlled	Start MH: 1546-0113
City: RPV	Year Renewed:	End MH: 1546-0112
Location Code: Easement/Right of Way	Tape/Media #: G312-015	pipe length: 165.2 ft
Reason for inspection: Routine Assessment	Dia/Height: Circular 8"	
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length: 5.0	
Drain. Area: 0112/1546-0113/1546	Lining Method:	
	Category:	

Remark::

1:375	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1546-0113	00:01:21	3561	
	2.00 S1	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, Start	00:02:04	3562, b	M 1
	5.00	Water Level, 5 %, within 8 inch: NO	00:03:01	3564	
	60.80	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:04:48	3565	
	60.80	Roots Medium Connection, from 7 to 9 o'clock, 25 %, within 8 inch: NO	00:05:11	3566, b	M 3
	152.60	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:08:06	3568	
	156.50	Water Level, 45 %, within 8 inch: NO, Remarks: POSSIBLE SIPHON	00:10:05	3569	
	160.30	Camera Underwater, within 8 inch: NO	00:10:47	3570	M 4
	165.20	General Observation, within 8 inch: NO, Remarks: POSSIBLE SIPHON	00:11:40	3571	
	165.20 F1	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, End	00:12:10	3572	M 1
	165.20	Abandoned Survey, within 8 inch: NO, Remarks: CAMERA BLOCKED BY SIPHON,	00:12:31	3573	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	4131	0	48	48	0	1.12	1.12



Inspection report

Date: 20100224	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 757	PSR: 75325
Total Pipe Length: 138.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 02/19/2010	Pre-Cleaned: Jetting	Map Grid #: 1546

Street: EASENENT	Flow Control: Not Controlled	Start MH: 1546-0082
City: RPV	Year Renewed	End MH: 1546-0081
Location Code: Easement/Right of Way	Tape/Media #: R315-013	pipe length: 95.7 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0081/1546-0082/1546	Lining Method:
	Category:

Remark::

1:225	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1546-0082	00:00:29	501	
	9.90	Water Level, 5 %, within 8 inch: NO	00:02:12	502	
	13.20	General Observation, within 8 inch: NO, Remarks: Pipe Joint Length 3'	00:02:55	503	
	18.90	Roots Fine Joint, from 8 to 5 o'clock, within 8 inch: YES	00:03:48	504, b	M 1
	52.70	Roots Ball Barrel, from 2 to 5 o'clock, 55 %, within 8 inch: NO	00:06:20	506, b	M 5
	55.40	Broken Soil Visible, from 2 to 4 o'clock, within 8 inch: NO	00:07:33	508, b	S 5
	57.70	Roots Ball Joint, from 7 to 10 o'clock, 55 %, within 8 inch: YES	00:26:15	510, b	M 4
	94.60	Tap Factory Active, at 2 o'clock, 6", within 8 inch: NO	00:28:40	512	
	95.70	Joint Offset Large, within 8 inch: YES	00:30:13	513, b	S 2
	95.70	Abandoned Survey, within 8 inch: NO, Remarks: Due To Joint Offset Large	00:31:42	515	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
5121	5141	7	10	17	3.5	3.33	3.4



Inspection report

Date: 20100318	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1422	PSR: 71955
Total Pipe Length: 142.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/17/2010	Pre-Cleaned: Jetting	Map Grid #: 1600

Street: COOLHEIGHTS DR	Flow Control: Not Controlled	Start MH: 1600-0114
City: RPV	Year Renewed:	End MH: 1600-0098
Location Code: Light Highway	Tape/Media #: G312-025	pipe length: 197.6 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length: 5.0
Drain. Area: 0098/1600-0114/1600	Lining Method:
	Category:

Remark::

1:450	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1600-0114	00:00:46	6547	
	0.00	Water Level, 10 %, within 8 inch: NO	00:01:00	6548	
	18.10	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:01:54	6549	
	82.50	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:04:23	6550	
	82.50	S1 Roots Tap Connection, from 7 to 9 o'clock, 15 %, within 8 inch: NO, Start	00:05:13	6551, b	M 2
	85.20	F1 Roots Tap Connection, from 7 to 9 o'clock, 15 %, within 8 inch: NO, End	00:05:50	6553	M 2
	90.10	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:06:15	6554	
	91.70	S2 Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, Start	00:06:51	6555, b	M 1
	122.30	F2 Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, End	00:08:19	6557	M 1
	128.40	S3 Water Level Sag, 35 %, within 8 inch: NO, Start	00:09:02	6558, b	M 3
	132.80	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	00:09:42	6560, b	S 3
	132.80	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	00:09:56	6562, b	M 1
	138.10	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	00:10:47	6564, b	M 1
	143.10	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	00:11:40	6566, b	M 1
	143.50	F3 Water Level Sag, 35 %, within 8 inch: NO, End	00:12:48	6568	M 3
	143.50	Water Level, 10 %, within 8 inch: NO	00:13:00	6569	
	143.50	Alignment Down, 10 %, within 8 inch: NO	00:13:09	6570, b	M 1
	165.00	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:14:14	6572	
	165.00	Roots Tap Connection, from 3 to 6 o'clock, 15 %, within 8 inch: NO	00:14:39	6573, b	M 2
	172.80	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:15:40	6575	
181.20	Water Mark, 100 %, within 8 inch: NO, Remarks: PREVIOUS SURCHARGE	00:16:43	6576	M 5	
196.30	Roots Fine Joint, from 8 to 4 o'clock, within 8 inch: YES	00:17:38	6577, b	M 1	
197.60	Manhole, within 8 inch: NO, Remarks: 1600-0098	00:18:16	6579		

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
3100	5134	3	34	37	3	1.7	1.76



Inspection report

Date: 20100304	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1302	PSR: 75198
Total Pipe Length: 315.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/03/2010	Pre-Cleaned: Jetting	Map Grid #: 1546

Street: TARRAGON RD	Flow Control: Not Controlled	Start MH: 1546-0187
City: RPV	Year Renewed:	End MH: 1546-0188
Location Code: Light Highway	Tape/Media #: G312-016	pipe length: 330.9 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length: 5.0
Drain. Area: 0187/1546-0188/1546	Lining Method:
	Category:

Remark::

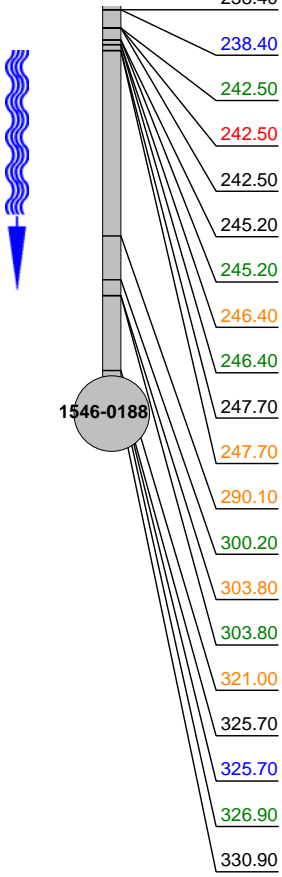
1:528	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1546-0187	00:00:31	3783	
	5.00	Water Level, 5 %, within 8 inch: NO	00:01:04	3784	
	7.00	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:01:18	3785	
	7.00	Roots Ball Lateral, at 9 o'clock, 55 %, within 8 inch: NO	00:01:50	3786, b	M 4
	8.30 S1	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, Start	00:02:26	3788, b	M 1
	16.50	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:03:01	3790	
	16.50	Roots Medium Connection, from 6 to 9 o'clock, 25 %, within 8 inch: NO	00:03:15	3791, b	M 3
	24.00	Tap Break-in, at 9 o'clock, 4", within 8 inch: NO	00:04:00	3793	
	27.00	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:04:20	3794	
	27.00	Roots Tap Connection, from 7 to 9 o'clock, 15 %, within 8 inch: NO	00:04:33	3795, b	M 2
	53.00 F1	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, End	00:05:29	3797	M 1
	63.70 S2	Roots Fine Joint, from 7 to 2 o'clock, within 8 inch: YES, Start	00:06:10	3798, b	M 1
	120.00	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:08:12	3800	
	120.00	Roots Medium Connection, at 9 o'clock, 30 %, within 8 inch: NO	00:08:28	3801, b	M 3
	172.80 F2	Roots Fine Joint, from 7 to 2 o'clock, within 8 inch: YES, End	00:09:55	3803	M 1
	217.40	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	00:11:02	3804, b	M 1
	222.10	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:11:33	3806	
	222.10	Roots Fine Lateral, at 9 o'clock, within 8 inch: NO	00:11:45	3807, b	M 1



Inspection report

Date: 20100304	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1302	PSR: 75198
Total Pipe Length: 315.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/03/2010	Pre-Cleaned: Jetting	Map Grid #: 1546

1:528	position	observation	MPEG	photo	grade
	238.40	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:12:39	3809	
	<u>238.40</u>	Roots Tap Lateral, at 9 o'clock, 15 %, within 8 inch: NO	00:12:54	3810, b	M 2
	<u>242.50</u>	Crack Circumferential, from 9 to 10 o'clock, within 8 inch: NO	00:13:38	3812, b	S 1
	<u>242.50</u>	Hole, from 9 to 11 o'clock, within 8 inch: NO	00:14:36	3814, b	S 5
	<u>242.50</u>	Roots Ball Barrel, from 8 to 11 o'clock, 55 %, within 8 inch: NO	00:14:59	3816, b	M 5
	<u>245.20</u>	Tap Break-in Active, at 9 o'clock, 4", within 8 inch: NO	00:16:00	3818	
	<u>245.20</u>	Roots Fine Lateral, at 9 o'clock, within 8 inch: NO	00:16:26	3819, b	M 1
	<u>246.40</u>	Crack Multiple, from 7 to 2 o'clock, within 8 inch: YES	00:17:19	3821, b	S 3
	<u>246.40</u> S4	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, Start	00:17:34	3823, b	M 1
	<u>247.70</u>	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:18:08	3825	
	<u>247.70</u>	Roots Medium Lateral, at 9 o'clock, 25 %, within 8 inch: NO	00:18:26	3826, b	M 3
	<u>290.10</u>	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	00:19:59	3828, b	S 3
	<u>300.20</u> S3	Crack Circumferential, from 4 to 9 o'clock, within 8 inch: YES, Start	00:20:47	3830, b	S 1
	<u>303.80</u>	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	00:21:24	3832, b	S 3
	<u>303.80</u> F3	Crack Circumferential, from 4 to 9 o'clock, within 8 inch: YES, End	00:21:39	3834	S 1
	<u>321.00</u>	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	00:22:28	3835, b	S 3
	<u>325.70</u>	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:22:58	3837	
	<u>325.70</u>	Roots Tap Lateral, at 9 o'clock, 15 %, within 8 inch: NO	00:23:20	3838, b	M 2
	<u>326.90</u> F4	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, End	00:24:07	3840	M 1
	<u>330.90</u>	Manhole, within 8 inch: NO, Remarks: 1546-0188	00:25:03	3841	





Inspection report

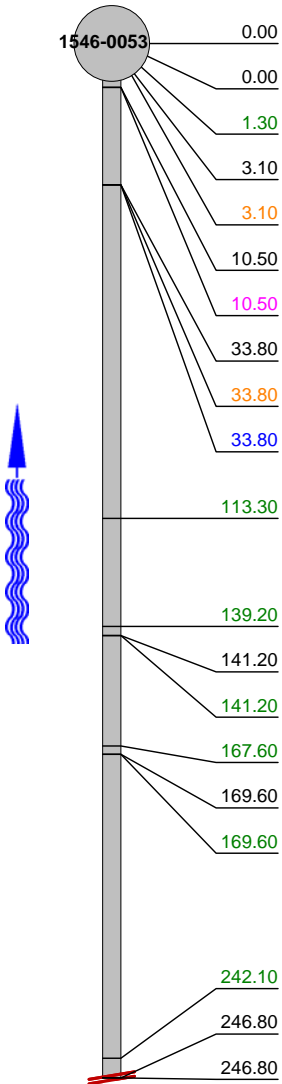
Date: 20100226	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1254	PSR: 75356
Total Pipe Length: 272.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 02/25/2010	Pre-Cleaned: Jetting	Map Grid #: 1546

Street: EASEMENT	Flow Control: Not Controlled	Start MH: 1546-0053
City: RPV	Year Renewed:	End MH: 1546-0054
Location Code: Easement/Right of Way	Tape/Media #: G312-012	pipe length: 246.8 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length: 3.0
Drain. Area: 0053/1546-0054/1546	Lining Method:
	Category:

Remark::

1:550	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1546-0053	00:00:37	3034	
	0.00	Water Level, 5 %, within 8 inch: NO	00:00:58	3035	
	1.30 S1	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, Start	00:01:41	3036, b	M 1
	3.10	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:02:07	3038	
	3.10	Roots Medium Lateral, at 9 o'clock, 25 %, within 8 inch: NO	00:02:26	3039, b	M 3
	10.50	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:03:06	3041	
	10.50	Roots Ball Connection, from 2 to 6 o'clock, 55 %, within 8 inch: NO	00:03:36	3042, b	M 4
	33.80	Tap Break-in Active, at 3 o'clock, 4", within 8 inch: NO	00:06:52	3044	
	33.80	Roots Medium Connection, from 1 to 3 o'clock, 25 %, within 8 inch: NO	00:07:28	3045, b	M 3
	33.80	Crack Longitudinal, at 3 o'clock, within 8 inch: NO	00:07:43	3047, b	S 2
	113.30 F1	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, End	00:09:33	3049	M 1
	139.20	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	00:10:36	3050, b	M 1
	141.20	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:11:03	3052	
	141.20	Roots Fine Lateral, at 9 o'clock, within 8 inch: NO	00:11:16	3053, b	M 1
	167.60 S2	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, Start	00:12:28	3055, b	M 1
	169.60	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:12:52	3057	
	169.60	Roots Fine Lateral, at 9 o'clock, within 8 inch: NO	00:13:05	3058, b	M 1
	242.10 F2	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, End	00:14:49	3060	M 1
	246.80	Roots Ball Barrel, from 7 to 6 o'clock, 75 %, within 8 inch: NO	00:15:33	3061, b	M 5
	246.80	Abandoned Survey, within 8 inch: NO, Remarks: CAMERA BLOCKED BY BALL RO	00:18:03	3063	



QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
2100	5141	2	65	67	2	1.2	1.22



Inspection report

Date: 20100319	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 103	PSR: 71770
Total Pipe Length: 296.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/17/2010	Pre-Cleaned: Jetting	Map Grid #: 1601

Street: SEAGLEN DR	Flow Control: Not Controlled	Start MH: 1601-0075
City: RPV	Year Renewed:	End MH: 1601-0074
Location Code: Light Highway	Tape/Media #: R311-030	pipe length: 22.4 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0074/1601-0075/1601	Lining Method:
	Category:

Remark::

1:50	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1601-0075	00:00:28	1984	
	1.50	Roots Medium Joint, from 3 to 8 o'clock, 25 %, within 8 inch: YES	00:01:11	1985, b	M 3
	3.00	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:01:46	1987	
	3.00	Roots Ball Lateral, at 9 o'clock, 65 %, within 8 inch: NO	00:02:11	1988, b	M 4
	6.30	Water Level, 5 %, within 8 inch: NO	00:03:43	1990	
	11.30	General Observation, within 8 inch: NO, Remarks: Pipe joint Length 5'	00:04:07	1991	
	22.40	Tap Factory Intruding, at 9 o'clock, 50 %, 4", 4, within 8 inch: NO, Remarks:	00:05:06	1992	M 5
	22.40	Plastic Lining Tap			
	22.40	Abandoned Survey, within 8 inch: NO, Remarks: Due To Plastic Lining Int	00:06:12	1993	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	5141	0	12	12	0	4	4



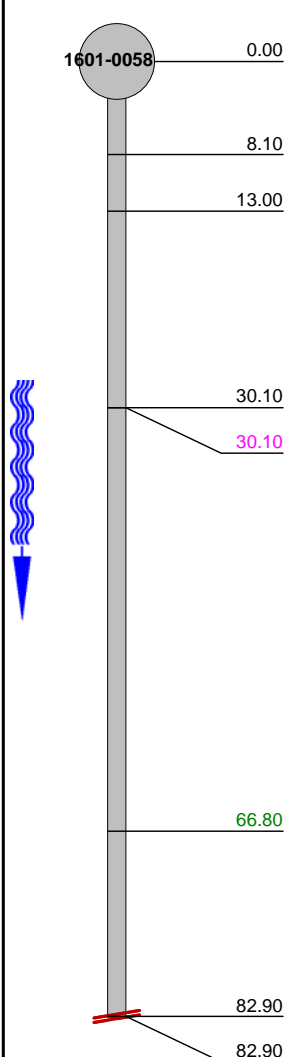
Inspection report

Date: 20100319	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 93	PSR: 71755
Total Pipe Length: 256.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/17/2010	Pre-Cleaned: Jetting	Map Grid #: 1601

Street: SEACLAIRES DR	Flow Control: Not Controlled	Start MH: 1601-0058
City: RPV	Year Renewed:	End MH: 1601-0059
Location Code: Light Highway	Tape/Media #: R311-030	pipe length: 82.9 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0058/1601-0059/1601	Lining Method:
	Category:

Remark::

1:200	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1601-0058	00:00:28	1822	
	8.10	Water Level, 5 %, within 8 inch: NO	00:01:12	1823	
	13.00	General Observation, within 8 inch: NO, Remarks: Pipe Joint Length 5'	00:01:41	1824	
	30.10	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:02:18	1825	
	30.10	Roots Ball Lateral, at 9 o'clock, 90 %, within 8 inch: NO	00:02:47	1826, b	M 4
	66.80	Roots Fine Joint, at 7 o'clock, within 8 inch: YES	00:04:04	1828, b	M 1
	82.90	Tap Factory Intruding, at 9 o'clock, 40 %, 6", 3, within 8 inch: NO	00:05:08	1830, b	M 5
	82.90	Abandoned Survey, within 8 inch: NO, Remarks: Due To Tap Factory Intrud	00:05:59	1832, b	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	5141	0	10	10	0	3.33	3.33



Inspection report

Date: 20100222	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 733	PSR: 75366
Total Pipe Length: 340.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 02/17/2010	Pre-Cleaned: Jetting	Map Grid #: 1546

Street: EASEMENT	Flow Control: Not Controlled	Start MH: 1546-0008
City: RPV	Year Renewed	End MH: 1546-0009
Location Code: Easement/Right of Way	Tape/Media #: R315-011	pipe length: 99.9 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 10"/10"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0008/1546-0009/1546	Lining Method:
	Category:

Remark::

1:225	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1546-0008	00:00:39	1	
	0.00 S1	Camera Underwater, within 8 inch: NO, Start	00:01:43	2	M 4
	99.90	Abandoned Survey, within 8 inch: NO, Remarks: Due To Camera Under Water	00:13:06	3	
	99.90 F1	Camera Underwater, within 8 inch: NO, End	00:14:26	4	M 4

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	4D00	0	100	100	0	4	4



Inspection report

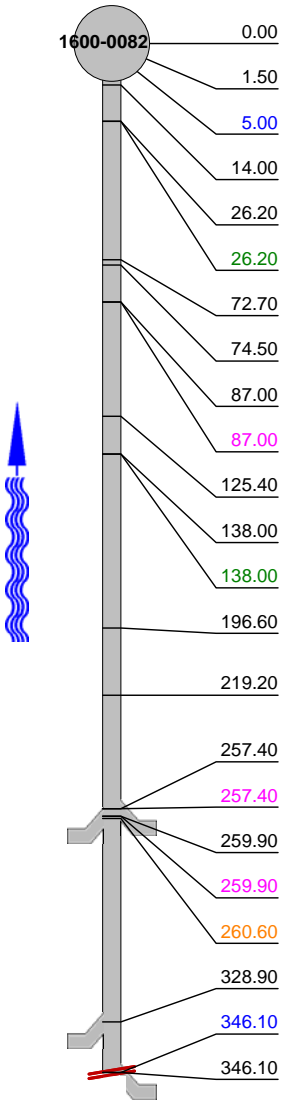
Date: 20100316	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 57	PSR: 71937
Total Pipe Length: 350.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/12/2010	Pre-Cleaned: Jetting	Map Grid #: 1600

Street: GANADO DR	Flow Control: Not Controlled	Start MH: 1600-0082
City: RPV	Year Renewed	End MH: 1600-0081
Location Code: Light Highway	Tape/Media #: R027	pipe length: 346.1 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0081/1600-0082/1600	Lining Method:
	Category:

Remark::

1:775	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1600-0082	00:00:21	958	
	1.50	Roots Fine Joint, from 3 to 9 o'clock, within 8 inch: YES	00:01:04	959, b	
	5.00	Water Level, 5 %, within 8 inch: NO	00:01:41	961	M 2
	14.00	General Observation, within 8 inch: NO, Remarks: Pipe Joint Length 5'	00:02:25	962	
	26.20	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:02:59	963	
	26.20	Roots Fine Lateral, at 3 o'clock, within 8 inch: NO	00:3:10	964, b	M 1
	72.70	Roots Fine Joint, from 2 to 4 o'clock, within 8 inch: YES	00:04:36	966, b	
	74.50	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:05:01	968	
	87.00	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:05:39	969	
	87.00	Roots Ball Connection, at 3 o'clock, 70 %, within 8 inch: NO	00:05:51	970, b	M 4
	125.40	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:07:07	972	
	138.00	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:07:44	973	
	138.00	Roots Fine Lateral, at 3 o'clock, within 8 inch: NO	00:07:57	974, b	M 1
	196.60	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:09:39	976	
	219.20	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:12:04	977	
	257.40	Tap Factory Made Active, at 09 o'clock, 6", within 8 inch: NO			
	257.40	Roots Ball Lateral, at 09 o'clock, 80, within 8 inch: NO			M 4
	259.90	Tap Factory Made Active, at 03 o'clock, 6", within 8 inch: NO			
	259.90	Roots Ball Connection, at 03 o'clock, 90, within 8 inch: NO			M 4
	260.60	Crack Multiple, from 10 to 04 o'clock, within 8 inch: YES, Remark: Due to Alignment			S 3
	328.90	Tap Factory Made Active, at 03 o'clock, 6", within 8 inch: NO			
	346.10	Tap Factory Made Intruding, at 09 o'clock, 6", 2", 5, within 8 inch: NO			M 2
	346.10	Survey Abandoned, Remark: intruding tap			



QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
3100	4322	3	18	21	3	2.57	2.63



Inspection report

Date: 20100319	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 104	PSR: 71770
Total Pipe Length: 296.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/17/2010	Pre-Cleaned: Jetting	Map Grid #: 1601

Street: SEAGLEN DR	Flow Control: Not Controlled	Start MH: 1601-0074
City: RPV	Year Renewed:	End MH: 1601-0075
Location Code: Light Highway	Tape/Media #: R311-030	pipe length: 287.4 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0074/1601-0075/1601	Lining Method:
	Category:

Remark::

1:650	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1601-0074	00:00:21	1994	
	17.30	Water Level, 5 %, within 8 inch: NO	00:01:52	1995	
	22.30	General Observation, within 8 inch: NO, Remarks: Pipe Joint Length 5'	00:02:26	1996	
	99.90	Roots Fine Joint, from 8 to 3 o'clock, within 8 inch: YES	00:04:22	1997, b	M 1
	101.80	Tap Factory Active, at 3 o'clock, 4", within 8 inch: NO	00:04:46	1999	
	101.80	Roots Ball Lateral, at 3 o'clock, 80 %, within 8 inch: NO	00:05:01	2000, b	M 4
	165.60	Tap Factory Active, at 3 o'clock, 4", within 8 inch: NO	00:06:54	2002	
	165.60	Roots Ball Lateral, at 3 o'clock, 75 %, within 8 inch: NO	00:07:17	2003, b	M 4
	229.40	Tap Factory Active, at 3 o'clock, 4", within 8 inch: NO	00:09:06	2005	
	229.40	Roots Ball Lateral, at 3 o'clock, 85 %, within 8 inch: NO	00:09:24	2006, b	M 4
	287.40	Tap Factory Intruding, at 3 o'clock, 50 %, 4", 4, within 8 inch: NO, Remarks: Intruding Lining Tap This	00:12:11	2008	M 5
	287.40	Abandoned Survey, within 8 inch: NO, Remarks: Due To Intruding Plastic	00:12:55	2009	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	5143	0	18	18	0	3.6	3.6



Inspection report

Date: 20100712	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 3509	PSR: 75182
Total Pipe Length: 10.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date:	Pre-Cleaned: Heavy Cleaning	Map Grid #: 1546

Street: PALOS VERDES DR S	Flow Control: Not Controlled	Start MH: 1546-0294
City: RPV	Year Renewed	End MH: 1546-TRNK
Location Code: Easement/Right of Way	Tape/Media #: G312-062	pipe length: 9.4 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0294/1546-TRNK/1546	Lining Method:
	Category:

Remark::

1:25	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1546-0294	00:00:30	40	
	6.00	Water Level, 15 %, within 8 inch: NO	00:02:07	41	
	7.30	Joint Offset Medium, within 8 inch: YES	00:03:01	42, b	S 1
	7.30	Broken, from 7 to 8 o'clock, within 8 inch: YES	00:03:32	44, b	S 3
	7.30	Roots Medium Joint, from 2 to 1 o'clock, 25 %, within 8 inch: YES	00:03:47	46, b	M 3
	9.40	Manhole, within 8 inch: NO, Remarks: 1546-TRNK	00:05:01	48	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
3111	3100	4	3	7	2	3	2.33



Inspection report

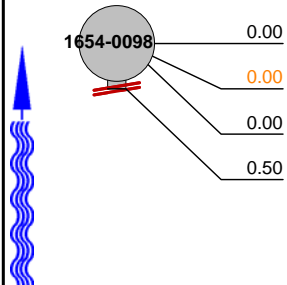
Date: 20100414	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1715	PSR: 69720
Total Pipe Length: 100.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 04/13/2010	Pre-Cleaned: Jetting	Map Grid #: 1654

Street: EASEMENT	Flow Control: Not Controlled	Start MH: 1654-0098
City: RPV	Year Renewed:	End MH: 1654-0097
Location Code: Easement/Right of Way	Tape/Media #: G312-043	pipe length: 0.5 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0097/1654-0098/1654	Lining Method:
	Category:

Remark::

1:25	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1654-0098	00:00:49	10948	
	0.00	Obstacle Construction Debris, from 5 to 7 o'clock, 15 %, within 8 inch: NO, Remarks: CEMENT	00:01:20	10949, b	M 3
	0.00	Water Level, 15 %, within 8 inch: NO	00:01:58	10952	
	0.50	Abandoned Survey, within 8 inch: NO, Remarks: DUE TO CEMENT INSIDE CHAN	00:03:04	10953	



QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	3100	0	3	3	0	3	3



Inspection report

Date: 20100402	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1599	PSR: 69562
Total Pipe Length: 328.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 04/01/2010	Pre-Cleaned: Jetting	Map Grid #: 1654

Street: MIRALESTE DR	Flow Control: Not Controlled	Start MH: 1654-0164
City: RPV	Year Renewed	End MH: 1654-0163
Location Code: Main Highway - Suburban/Rural	Tape/Media #: G312-035	pipe length: 12.1 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length: 3.0
Drain. Area: 0163/1654-0164/1654	Lining Method:
	Category:

Remark::

1:50	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1654-0164	00:00:37	9440	
	5.00	Water Level, 15 %, within 8 inch: NO	00:01:14	9441	
	8.00	Water Level, 20 %, within 8 inch: NO	00:01:27	9442	
	10.00	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:01:43	9443	
	10.80	Obstacle Construction Debris, from 5 to 7 o'clock, 15 %, within 8 inch: NO, Remarks: CEMENT	00:03:05	9444, b	M 3
	12.10	Abandoned Survey, within 8 inch: NO, Remarks: CAMERA BLOCKED BY CEMENT	00:06:12	9446	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	3100	0	3	3	0	3	3



Inspection report

Date: 20100315	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1400	PSR: 72017
Total Pipe Length: 39.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/12/2010	Pre-Cleaned: Jetting	Map Grid #: 1600

Street: EASEMENT	Flow Control: Not Controlled	Start MH: 1600-0052
City: RPV	Year Renewed	End MH: 1600-0053
Location Code: Easement/Right of Way	Tape/Media #: G312-023	pipe length: 4.9 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length: 5.0
Drain. Area: 0052/1600-0053/1600	Lining Method:
	Category:

Remark::

1:25	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1600-0052, BURIED	00:00:40	6004	
	0.00	Water Level, 10 %, within 8 inch: NO	00:00:59	6005	
	2.80 S1	Roots Medium Joint, from 6 to 11 o'clock, 35 %, within 8 inch: YES, Start	00:01:49	6006, b	M 3
	4.90 F1	Roots Medium Joint, from 6 to 11 o'clock, 35 %, within 8 inch: YES, End	00:02:59	6008	M 3
	4.90	Abandoned Survey, within 8 inch: NO, Remarks: CAMERA BLOCKED BY MEDIUM	00:03:27	6009	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	3100	0	3	3	0	3	3



Inspection report

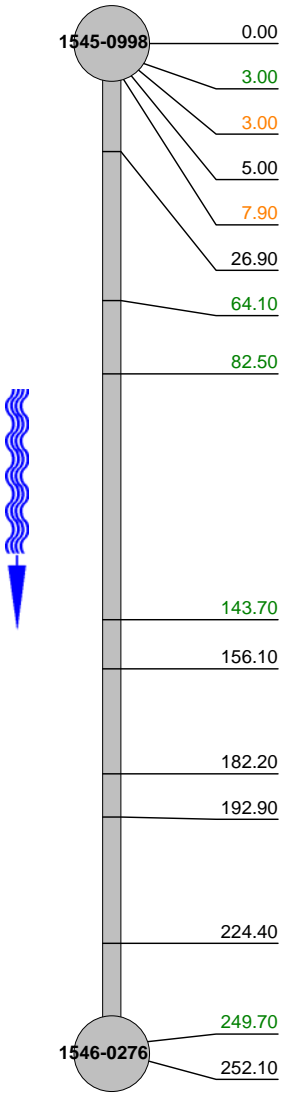
Date: 20100217	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1151	PSR: 75438
Total Pipe Length: 250.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 02/16/2010	Pre-Cleaned: Jetting	Map Grid #: 1545

Street: EASEMENT	Flow Control: Not Controlled	Start MH: 1545-0998
City: RPV	Year Renewed:	End MH: 1546-0276
Location Code: Easement/Right of Way	Tape/Media #: G312-005	pipe length: 252.1 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length: 6.0
Drain. Area: 0998/1545-0276/1546	Lining Method:
	Category:

Remark::

1:575	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1545-0998	00:00:45	1508	
	3.00	Joint Offset Medium, within 8 inch: YES	00:01:22	1509, b	S 1
	3.00 S1	Deposits Ingressed Fine, from 5 to 7 o'clock, 15 %, within 8 inch: NO, Remarks: SILT, Start	00:01:52	1511, b	M 3
	5.00	Water Level, 15 %, within 8 inch: NO	00:02:22	1513	
	7.90 F1	Deposits Ingressed Fine, from 5 to 7 o'clock, 15 %, within 8 inch: NO, Remarks: SILT, End	00:02:33	1514	M 3
	26.90	Tap Factory Capped, at 9 o'clock, 6", within 8 inch: NO	00:03:14	1515	
	64.10	Joint Offset Medium, within 8 inch: YES	00:04:27	1516, b	S 1
	82.50	Joint Offset Medium, within 8 inch: YES	00:05:12	1518, b	S 1
	143.70	Joint Offset Medium, within 8 inch: YES	00:06:51	1520, b	S 1
	156.10	General Observation, within 8 inch: NO, Remarks: JOINT LENGTH 6'	00:07:33	1522	
	182.20	Water Level, 15 %, within 8 inch: NO	00:08:09	1523	
	192.90	Water Level, 5 %, within 8 inch: NO	00:08:27	1524	
	224.40	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:09:23	1525	
	249.70	Joint Offset Medium, within 8 inch: YES	00:10:21	1526, b	S 1
	252.10	Manhole, within 8 inch: NO, Remarks: 1546-0276, BURIED MH	00:11:28	1528	





Inspection report

Date: 20100310	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 888	PSR: 71976
Total Pipe Length: 107.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/07/2010	Pre-Cleaned: Jetting	Map Grid #: 1600

Street: ADMIRABLE DR	Flow Control: Not Controlled	Start MH: 1600-0010
City: RPV	Year Renewed:	End MH: 1600-0011
Location Code: Light Highway	Tape/Media #: R315-023	pipe length: 116.7 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0010/1600-0011/1600	Lining Method:
	Category:

Remark::

1:275	position	observation	MPEG	photo	grade
	0.10	Manhole, within 8 inch: NO, Remarks: 1600-0010	00:00:32	2099	
	5.20	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:01:35	2100	
	11.40	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:02:04	2101	
	19.70	Water Level, 5 %, within 8 inch: NO	00:02:29	2102	
	26.40	General Observation, within 8 inch: NO, Remarks: Pipe Joint Length 3'	00:03:05	2103	
	55.20	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:03:55	2104	
	64.70	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:04:29	2105	
	101.40	S1 Deposits Attached Other, from 5 to 7 o'clock, 15 %, within 8 inch: NO, Start	00:06:39	2106, b	M 3
	106.40	F1 Deposits Attached Other, from 5 to 7 o'clock, 15 %, within 8 inch: NO, End	00:07:13	2108, b	M 3
	116.70	Broken Soil Visible, from 4 to 8 o'clock, within 8 inch: NO, Remarks: Mh Channel	00:08:18	2110, b	S 5
116.70	Manhole, within 8 inch: NO, Remarks: 1600-0011	00:08:58	2112		

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
5100	3100	5	3	8	5	3	4



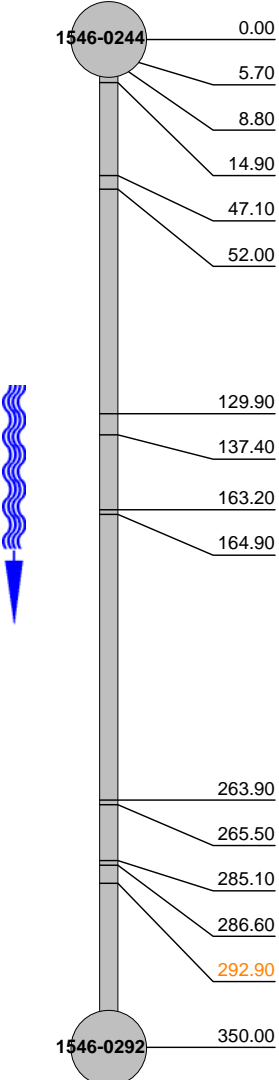
Inspection report

Date: 20100304	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 854	PSR: 75148
Total Pipe Length: 350.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/01/2010	Pre-Cleaned: Jetting	Map Grid #: 1546

Street: VISTA PACIFICA	Flow Control: Not Controlled	Start MH: 1546-0244
City: RPV	Year Renewed	End MH: 1546-0292
Location Code: Light Highway	Tape/Media #: R315-019	pipe length: 350 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0244/1546-0292/1546	Lining Method:
	Category:

Remark::

1:800	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1546-0244	00:00:35	1546	
	5.70	Tap Factory Active, at 10 o'clock, 4", within 8 inch: NO	00:01:28	1547	
	8.80	Water Level, 5 %, within 8 inch: NO	00:01:52	1548	
	14.90	General Observation, within 8 inch: NO, Remarks: Pipe Joint Length 6'	00:02:43	1549	
	47.10	Tap Factory Active, at 2 o'clock, 4", within 8 inch: NO	00:03:37	1550	
	52.00	Tap Factory Active, at 2 o'clock, 4", within 8 inch: NO	00:04:05	1551	
	129.90	Tap Factory Active, at 10 o'clock, 4", within 8 inch: NO	00:06:05	1552	
	137.40	Tap Factory Capped, at 9 o'clock, 4", within 8 inch: NO	00:06:37	1553	
	163.20	Tap Factory Active, at 2 o'clock, 4", within 8 inch: NO	00:07:35	1554	
	164.90	Tap Factory Active, at 2 o'clock, 4", within 8 inch: NO	00:08:01	1555	
	263.90	Tap Factory Active, at 2 o'clock, 4", within 8 inch: NO	00:10:56	1556	
	265.50	Tap Factory Capped, at 10 o'clock, 4", within 8 inch: NO	00:11:24	1557	
	285.10	Tap Factory Capped, at 10 o'clock, 4", within 8 inch: NO	00:12:22	1558	
	286.60	Tap Factory Active, at 2 o'clock, 4", within 8 inch: NO	00:12:48	1559	
	292.90	Roots Medium Joint, from 12 to 8 o'clock, 20 %, within 8 inch: YES	00:13:36	1560, b	M 3
	350.00	Manhole, within 8 inch: NO, Remarks: 1546-0292	00:16:08	1562	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	3100	0	3	3	0	3	3



Inspection report

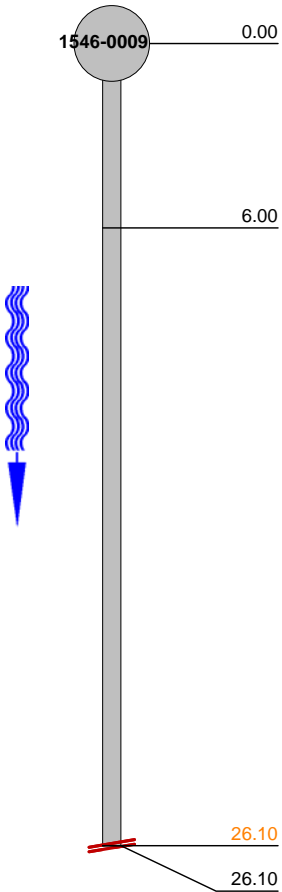
Date: 20100301	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 809	PSR: 75368
Total Pipe Length: 192.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 02/26/2010	Pre-Cleaned: Jetting	Map Grid #: 1546

Street: EASEMENT	Flow Control: Not Controlled	Start MH: 1546-0009
City: RPV	Year Renewed	End MH: 1546-0015
Location Code: Easement/Right of Way	Tape/Media #: R315-016	pipe length: 26.1 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0009/1546-0015/1546	Lining Method:
	Category:

Remark::

1:75	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1546-0009	00:00:29	1022	
	6.00	Water Level, 25 %, within 8 inch: NO	00:01:47	1023	
	26.10	Tap Break-in Defective, at 1 o'clock, 6", 4, within 8 inch: NO	00:04:17	1024, b	M 3
	26.10	Abandoned Survey, within 8 inch: NO, Remarks: Due To Tap Break In Defec	00:05:30	1026, b	



QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	3100	0	3	3	0	3	3



Inspection report

Date: 20100217	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 650	PSR: 75578
Total Pipe Length: 74.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 02/15/2010	Pre-Cleaned: Jetting	Map Grid #: 1545

Street: EASEMENT	Flow Control: Plugged	Start MH: 1545-0888
City: RPV	Year Renewed:	End MH: 1545-0887
Location Code: Easement/Right of Way	Tape/Media #: R008	pipe length: 79.5 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Polyethylene Pipe Length:
Drain. Area: 0887/1545-0888/1545	Lining Method:
	Category:

Remark::

1:200	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1545-0888	00:00:26	1732	
	1.10	Deposits Attached Grease, from 10 to 2 o'clock, 20 %, within 8 inch: NO	00:1:10	1733, b	M 3
	32.60	Water Level, 35 %, within 8 inch: NO	00:05:58	1735	
	78.20	Water Level, 5 %, within 8 inch: NO	00:07:15	1736	
	79.50	Manhole, within 8 inch: NO, Remarks: 1545-0887	00:08:09	1737	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	3100	0	3	3	0	3	3



Inspection report

Date: 20100415	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 348	PSR: 69490
Total Pipe Length: 138.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 04/09/2010	Pre-Cleaned: Jetting	Map Grid #: 1654

Street: EASEMENT	Flow Control: Not Controlled	Start MH: 1654-0319
City: RPV	Year Renewed	End MH: 1654-0320
Location Code: Easement/Right of Way	Tape/Media #: R311-049	pipe length: 42.2 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0319/1654-0320/1654	Lining Method:
	Category:

Remark::

1:100	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1654-0319	00:00:20	5625	
	14.70	General Observation, within 8 inch: NO, Remarks: Pipe Joint Length 5'	00:02:09	5626	
	42.20	Tap Factory Intruding, at 12 o'clock, 20 %, 4", 2, within 8 inch: NO	00:04:16	5627, b	M 3
	42.20	Joint Offset Large, within 8 inch: YES	00:05:15	5629, b	S 2
	42.20	Abandoned Survey, within 8 inch: NO, Remarks: Due To Joint Offset Large	00:06:17	5631, b	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
2100	3100	2	3	5	2	3	2.5



Inspection report

Date: 20100414	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 339	PSR: 69577
Total Pipe Length: 285.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 04/09/2010	Pre-Cleaned: Jetting	Map Grid #: 1654

Street: EASEMENT	Flow Control: Not Controlled	Start MH: 1654-0176
City: RPV	Year Renewed	End MH: 1654-0178
Location Code: Easement/Right of Way	Tape/Media #: R311-048	pipe length: 26.1 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0176/1654-0178/1654	Lining Method:
	Category:

Remark::

1:75	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1654-0176	00:00:23	5561	
	6.00	Water Level, 5 %, within 8 inch: NO	00:03:17	5562	
	22.70	Tap Factory Active, at 10 o'clock, 4", within 8 inch: NO	00:04:25	5563	
	22.70	Roots Medium Lateral, at 10 o'clock, 25 %, within 8 inch: NO	00:04:39	5564, b	M 3
	26.10	End of Pipe, within 8 inch: NO	00:08:45	5566	
	26.10	Abandoned Survey, within 8 inch: NO, Remarks: Due End Pipe	00:10:16	5567	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	3100	0	3	3	0	3	3



Inspection report

Date: 20100409	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 320	PSR: 71846
Total Pipe Length: 199.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 04/05/2010	Pre-Cleaned: Jetting	Map Grid #: 1601

Street: PALOS VERDES DR	Flow Control: Not Controlled	Start MH: 1601-0035
City: RPV	Year Renewed	End MH: 1601-0034
Location Code: Light Highway	Tape/Media #: R311-045	pipe length: 12.5 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0034/1601-0035/1601	Lining Method:
	Category:

Remark::

1:50	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1601-0035	00:00:28	5195	
	9.50	Deposits Attached Other, from 5 to 7 o'clock, 20 %, within 8 inch: NO	00:01:38	5196, b	M 3
	12.50	Abandoned Survey, within 8 inch: NO, Remarks: Due To Deposits Attached	00:05:33	5198, b	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	3100	0	3	3	0	3	3



Inspection report

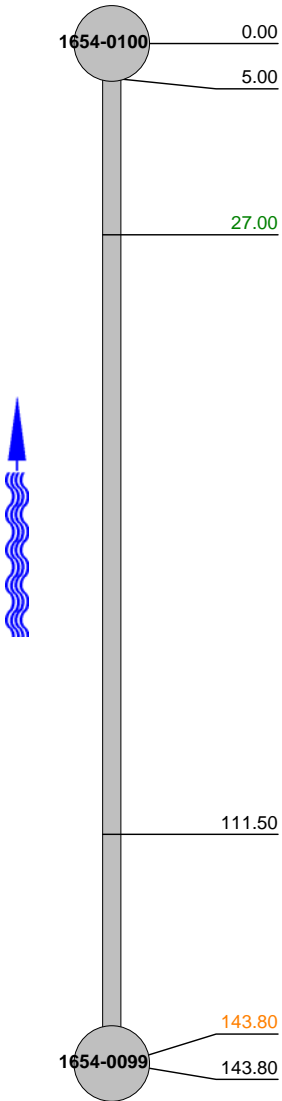
Date: 20100406	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1642	PSR: 69722
Total Pipe Length: 142.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 04/05/2010	Pre-Cleaned: Jetting	Map Grid #: 1654

Street: EASEMENT	Flow Control: Not Controlled	Start MH: 1654-0100
City: RPV	Year Renewed:	End MH: 1654-0099
Location Code: Easement/Right of Way	Tape/Media #: G312-037	pipe length: 143.8 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length: 3.0
Drain. Area: 0099/1654-0100/1654	Lining Method:
	Category:

Remark::

1:325	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1654-0100	00:00:29	10024	
	5.00	Water Level, 5 %, within 8 inch: NO	00:01:22	10025	
	27.00	Alignment Up, 10 %, within 8 inch: NO	00:02:24	10026	M 1
	111.50	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:05:14	10027	
	143.80	Roots Tap Barrel, from 7 to 5 o'clock, 15 %, within 8 inch: NO	00:08:01	10028, b	M 3
	143.80	Manhole, within 8 inch: NO, Remarks: 1654-0099, BURIED	00:08:42	10030	



QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	3111	0	4	4	0	2	2



Inspection report

Date: 20100323	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1469	PSR: 765469
Total Pipe Length: 172.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/22/2010	Pre-Cleaned: Jetting	Map Grid #: 1601

Street: LA ROTONDA DR	Flow Control: Not Controlled	Start MH: 1601-0198
City: RPV	Year Renewed:	End MH: 1601-0211
Location Code: Light Highway	Tape/Media #: G312-028	pipe length: 172.1 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length: 5.0
Drain. Area: 0198/1601-0211/1601	Lining Method:
	Category:

Remark::

1:400	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1601-0198	00:00:38	7403	
	0.00	Obstacle Construction Debris, from 5 to 7 o'clock, 20 %, within 8 inch: NO, Remarks: CONCRETE	00:01:29	7404, b	M 3
	5.00	Water Level, 5 %, within 8 inch: NO	00:02:56	7406	
	78.30	Joint Offset Medium, within 8 inch: YES	00:05:04	7407, b	S 1
	127.70	Joint Offset Medium, within 8 inch: YES	00:06:35	7409, b	S 1
	134.10	Alignment Right, 10 %, within 8 inch: NO	00:07:05	7411, b	M 1
	152.40	Joint Offset Medium, within 8 inch: YES	00:08:06	7413, b	S 1
	164.70	Joint Offset Medium, within 8 inch: YES	00:09:02	7415, b	S 1
	172.10	Manhole, within 8 inch: NO, Remarks: 1601-0211, BURIED	00:10:18	7417	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
1400	3111	4	4	8	1	2	1.33



Inspection report

Date: 20100318	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1429	PSR: 72007
Total Pipe Length: 204.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/17/2010	Pre-Cleaned: Jetting	Map Grid #: 1600

Street: EASEMENT	Flow Control: Not Controlled	Start MH: 1600-0042
City: RPV	Year Renewed:	End MH: 1600-0041
Location Code: Easement/Right of Way	Tape/Media #: G312-025	pipe length: 206.7 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length: 5.0
Drain. Area: 0041/1600-0042/1600	Lining Method:
	Category:

Remark::

1:475	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1600-0042	00:00:42	6689	
	0.00	Obstacle Construction Debris, from 5 to 7 o'clock, 15 %, within 8 inch: NO, Remarks: CEMENT	00:1:10	6690, b	M 3
	5.00	Water Level, 5 %, within 8 inch: NO	00:01:58	6692	
	204.10	Joint Offset Medium, within 8 inch: YES	00:06:26	6693, b	S 1
	204.10	Alignment Down, 5 %, within 8 inch: NO	00:06:42	6695, b	M 1
	206.70	Manhole, within 8 inch: NO, Remarks: 1600-0041, BURIED, UNABLE	00:08:44	6697	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
1100	3111	1	4	5	1	2	1.67



Inspection report

Date: 20100301	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1268	PSR: 76315
Total Pipe Length: 90.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 02/26/2010	Pre-Cleaned: Jetting	Map Grid #: 1545

Street: EASEMENT	Flow Control: Not Controlled	Start MH: 1545-0068
City: RPV	Year Renewed:	End MH: 1545-0185
Location Code: Easement/Right of Way	Tape/Media #: G312-013	pipe length: 35.6 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length: 5.0
Drain. Area: 0068/1545-0185/1545	Lining Method:
	Category:

Remark::

1:100	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1545-0068	00:00:46	3301	
	0.00	Water Level, 5 %, within 8 inch: NO	00:01:01	3302	
	12.30	Roots Fine Joint, from 8 to 9 o'clock, within 8 inch: YES	00:01:59	3303, b	M 1
	32.70	Roots Medium Joint, from 6 to 10 o'clock, 30 %, within 8 inch: YES	00:03:24	3305, b	M 3
	35.60	Abandoned Survey, within 8 inch: NO, Remarks: CAMERA BLOCKED BY MEDIUM	00:05:18	3307	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	3111	0	4	4	0	2	2



Inspection report

Date: 20100224	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1222	PSR: 76021
Total Pipe Length: 33.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 02/23/2010	Pre-Cleaned: Jetting	Map Grid #: 1545

Street: EASEMENT	Flow Control: Not Controlled	Start MH: 1545-0426
City: RPV	Year Renewed	End MH: 1545-0423
Location Code: Easement/Right of Way	Tape/Media #: G312-010	pipe length: 29.9 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length: 3.0
Drain. Area: 0423/1545-0426/1545	Lining Method:
	Category:

Remark::

1:75	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1545-0426	00:01:07	2547	
	6.00	Water Level, 5 %, within 8 inch: NO	00:02:25	2548	
	27.00	Roots Medium Joint, from 6 to 10 o'clock, 25 %, within 8 inch: YES	00:03:55	2549, b	M 3
	27.00	Roots Fine Joint, from 2 to 4 o'clock, within 8 inch: YES	00:4:10	2551, b	M 1
	27.00	Joint Offset Medium, within 8 inch: YES	00:04:19	2553, b	S 1
	29.90	Manhole, within 8 inch: NO, Remarks: 1545-0423	00:05:31	2555	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
1100	3111	1	4	5	1	2	1.67



Inspection report

Date: 20100331	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Martin Garcia	section number: 949	PSR: 69502
Total Pipe Length: 300.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/29/2010	Pre-Cleaned: Jetting	Map Grid #: 1654

Street: PRIVATE RD	Flow Control: Not Controlled	Start MH: 1654-0216
City: RPV	Year Renewed:	End MH: 1654-0217
Location Code: Light Highway	Tape/Media #: M315-005	pipe length: 262.2 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0217/1654-0216/1654	Lining Method:
	Category:

Remark::

1:600	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1654-0216	00:00:23		2952
	4.30	Water Level, 10 %, within 8 inch: NO	00:07:19		2953
	13.40	Tap Factory Capped, at 9 o'clock, 4", within 8 inch: NO	00:07:47		2954
	70.70	Water Level, 20 %, within 8 inch: NO	00:09:36		2955
	83.50	Water Level, 5 %, within 8 inch: NO	00:10:07		2956
	92.30	Tap Factory Active, at 9 o'clock, 4", within 8 inch: NO	00:10:31		2957
	109.90	Tap Factory Capped, at 9 o'clock, 4", within 8 inch: NO	00:11:16		2958
	109.90	Roots Medium Connection, at 9 o'clock, 30 %, within 8 inch: NO	00:11:34	2959, b	M 3
	131.30	Alignment Up, 10 %, within 8 inch: NO	00:12:36		2961 M 1
	144.40	Joint Offset Medium, within 8 inch: YES	00:13:22		2962 S 1
144.70	Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	00:13:37		2963	
	262.20	Manhole, within 8 inch: NO, Remarks: 1654-0217	00:33:57		2964

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
1100	3111	1	4	5	1	2	1.67



Inspection report

Date: 20100303	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 840	PSR: 75328
Total Pipe Length: 35.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 02/26/2010	Pre-Cleaned: Jetting	Map Grid #: 1546

Street: EASEMENT	Flow Control: Not Controlled	Start MH: 1546-0083
City: RPV	Year Renewed	End MH: 1546-0085
Location Code: Easement/Right of Way	Tape/Media #: R315-018	pipe length: 32.2 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0083/1546-0085/1546	Lining Method:
	Category:

Remark::

1:75	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1546-0083	00:00:31	1336	
	1.00	Roots Medium Joint, from 3 to 5 o'clock, 25 %, within 8 inch: YES	00:01:31	1337, b	M 3
	6.00	Water Level, 5 %, within 8 inch: NO	00:02:16	1339	
	9.60	General Observation, within 8 inch: NO, Remarks: Pipe Joint Length 3'	00:03:07	1340	
	13.30	Roots Fine Joint, from 5 to 7 o'clock, within 8 inch: YES	00:04:22	1341, b	M 1
	30.20	Fracture Multiple, from 11 to 5 o'clock, within 8 inch: YES	00:06:06	1343, b	S 4
	32.20	Manhole, within 8 inch: NO, Remarks: 1546-0085	00:07:29	1345	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
4100	3111	4	4	8	4	2	2.67



Inspection report

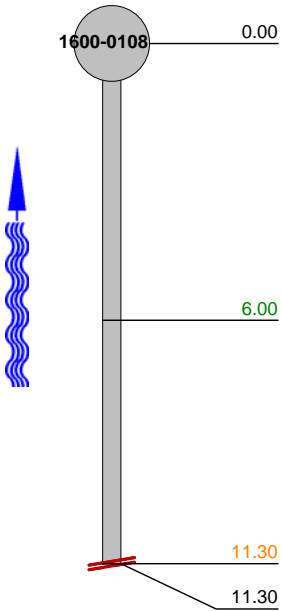
Date: 20100421	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 375	PSR: 71910
Total Pipe Length: 182.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 04/19/2010	Pre-Cleaned: Jetting	Map Grid #: 1600

Street: EASEMENT	Flow Control: Not Controlled	Start MH: 1600-0108
City: RPV	Year Renewed	End MH: 1600-0109
Location Code: Easement/Right of Way	Tape/Media #: R311-053	pipe length: 11.3 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0108/1600-0109/1600	Lining Method:
	Category:

Remark::

1:50	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1600-0108	00:00:27	5902	
	6.00	Roots Fine Joint, from 5 to 9 o'clock, within 8 inch: YES	00:01:15	5903, b	M 1
	11.30	Roots Medium Joint, from 3 to 9 o'clock, 45 %, within 8 inch: YES	00:02:25	5905, b	M 3
	11.30	Abandoned Survey, within 8 inch: NO, Remarks: Due To Roots Medium Joint	00:03:17	5907	



QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	3111	0	4	4	0	2	2



Inspection report

Date: 20100414	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 343	PSR: 69581
Total Pipe Length: 117.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 04/09/2010	Pre-Cleaned: Jetting	Map Grid #: 1654

Street: EASEMENT	Flow Control: Not Controlled	Start MH: 1654-0181
City: RPV	Year Renewed	End MH: 1654-0186
Location Code: Easement/Right of Way	Tape/Media #: R311-048	pipe length: 132.7 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0181/1654-0186/1654	Lining Method:
	Category:

Remark::

1:300	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1654-0181	00:00:28	5584	
	6.00	Water Level, 5 %, within 8 inch: NO	00:01:40	5585	
	39.60	Broken, from 10 to 3 o'clock, within 8 inch: YES	00:03:41	5586, b	S 5
	39.60	Roots Medium Joint, from 5 to 8 o'clock, 30 %, within 8 inch: YES	00:04:09	5588, b	M 3
	66.60	Roots Fine Joint, from 7 to 9 o'clock, within 8 inch: YES	00:06:09	5590, b	M 1
	112.20	Tap Factory Active, at 2 o'clock, 4", within 8 inch: NO	00:09:51	5592	
	130.50	Broken, from 2 to 6 o'clock, within 8 inch: YES	00:11:31	5593, b	S 5
	132.70	Manhole, within 8 inch: NO, Remarks: 1654-0186	00:12:38	5595	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
5200	3111	10	4	14	5	2	3.5



Inspection report

Date: 20100402	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 255	PSR: 71659
Total Pipe Length: 156.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/31/2010	Pre-Cleaned: Jetting	Map Grid #: 1601

Street: EASEMENT	Flow Control: Not Controlled	Start MH: 1601-0190
City: RPV	Year Renewed:	End MH: 1601-0191
Location Code: Easement/Right of Way	Tape/Media #: R311-040	pipe length: 153.2 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0190/1601-0191/1601	Lining Method:
	Category:

Remark::

1:350	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1601-0190	00:00:21	4474	
	8.70	Tap Factory Active, at 10 o'clock, 4", within 8 inch: NO	00:03:21	4475	
	15.90	Water Level, 5 %, within 8 inch: NO	00:03:51	4476	
	22.30	General Observation, within 8 inch: NO, Remarks: Pipe Joint Length 6'	00:04:32	4477	
	28.30	Roots Fine Joint, from 4 to 8 o'clock, within 8 inch: YES	00:05:00	4478, b	M 1
	112.20	Roots Medium Joint, from 3 to 9 o'clock, 30 %, within 8 inch: YES	00:08:21	4480, b	M 3
	153.20	Manhole, within 8 inch: NO, Remarks: 1601-0191	00:10:55	4482	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	3111	0	4	4	0	2	2



Inspection report

Date: 20100402	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 253	PSR: 71662
Total Pipe Length: 246.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/31/2010	Pre-Cleaned: Jetting	Map Grid #: 1655

Street: VISTA DEL MAR	Flow Control: Not Controlled	Start MH: 1655-0061
City: RPV	Year Renewed	End MH: 1601-0194
Location Code: Light Highway	Tape/Media #: R311-040	pipe length: 288.6 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0061/1655-0194/1601	Lining Method:
	Category:

Remark::

1:650	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1655-0061	00:00:21	4446	
	4.00	Tap Factory Active, at 2 o'clock, 4", within 8 inch: NO	00:01:14	4447	
	6.00	Water Level, 5 %, within 8 inch: NO	00:02:00	4448	
	12.40	General Observation, within 8 inch: NO, Remarks: Pipe Joint Length 6'	00:02:44	4449	
	67.20	Roots Medium Joint, at 12 o'clock, 20 %, within 8 inch: YES	00:04:59	4450, b	M 3
	85.90	Roots Fine Joint, at 9 o'clock, within 8 inch: YES	00:05:58	4452, b	M 1
	111.40	Tap Factory Active, at 2 o'clock, 4", within 8 inch: NO	00:07:14	4454	
	206.20	Tap Factory Active, at 2 o'clock, 4", within 8 inch: NO	00:10:05	4455	
	274.90	Tap Factory Active, at 3 o'clock, 4", within 8 inch: NO	00:12:19	4456	
	288.60	Manhole, within 8 inch: NO, Remarks: 1601-0194	00:14:04	4457	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	3111	0	4	4	0	2	2



Inspection report

Date: 20100402	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 247	PSR: 69257
Total Pipe Length: 33.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/31/2010	Pre-Cleaned: Jetting	Map Grid #: 1654

Street: EASEMENT	Flow Control: Not Controlled	Start MH: 1654-0558
City: RPV	Year Renewed	End MH: 1654-0551
Location Code: Easement/Right of Way	Tape/Media #: R311-040	pipe length: 30.4 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0551/1654-0558/1654	Lining Method:
	Category:

Remark::

1:75	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1654-0558	00:00:28	4392	
	1.90	Fracture Circumferential, from 4 to 8 o'clock, within 8 inch: YES	00:01:16	4393, b	S 2
	3.90	Roots Fine Joint, from 11 to 4 o'clock, within 8 inch: YES	00:01:59	4395, b	M 1
	7.40	Roots Medium Joint, from 2 to 10 o'clock, 20 %, within 8 inch: YES	00:02:55	4397, b	M 3
	18.10	Crack Circumferential, from 2 to 4 o'clock, within 8 inch: YES	00:04:05	4399, b	S 1
	30.40	Manhole, within 8 inch: NO, Remarks: 1654-0551	00:05:09	4401	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
2111	3111	3	4	7	1.5	2	1.75



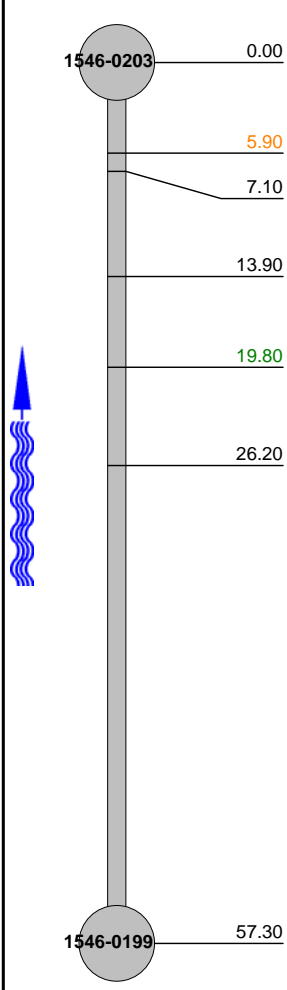
Inspection report

Date: 20100330	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 199	PSR: 75209
Total Pipe Length: 60.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/26/2010	Pre-Cleaned: Jetting	Map Grid #: 1546

Street: VIA BARON	Flow Control: Not Controlled	Start MH: 1546-0203
City: RPV	Year Renewed:	End MH: 1546-0199
Location Code: Light Highway	Tape/Media #: R311-037	pipe length: 57.3 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0199/1546-0203/1546	Lining Method:
	Category:

Remark::

1:150	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1546-0203	00:01:01	3621	
	5.90	Roots Medium Joint, from 3 to 9 o'clock, 25 %, within 8 inch: YES	00:02:56	3622, b	M 3
	7.10	Tap Factory Active, at 3 o'clock, 4", within 8 inch: NO	00:03:28	3624	
	13.90	Water Level, 5 %, within 8 inch: NO	00:04:09	3625	
	19.80	Roots Fine Joint, at 5 o'clock, within 8 inch: YES	00:04:32	3626, b	M 1
	26.20	General Observation, within 8 inch: NO, Remarks: Pipe Joint Length 6'	00:5:10	3628	
	57.30	Manhole, within 8 inch: NO, Remarks: 1546-0199	00:06:18	3629	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	3111	0	4	4	0	2	2



Inspection report

Date: 20100316	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 44	PSR: 71929
Total Pipe Length: 277.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/12/2010	Pre-Cleaned: Jetting	Map Grid #: 1600

Street: GREVE DR	Flow Control: Not Controlled	Start MH: 1600-0074
City: RPV	Year Renewed:	End MH: 1600-0075
Location Code: Light Highway	Tape/Media #: R027	pipe length: 125 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0074/1600-0075/1600	Lining Method:
	Category:

Remark::

1:300	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1600-0074	00:00:35	791	
	8.30	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:01:41	792	
	18.20	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:02:35	793	
	21.10	Water Level, 5 %, within 8 inch: NO	00:03:00	794	
	26.20	General Observation, within 8 inch: NO, Remarks: Pipe Joint Length 5'	00:03:27	795	
	53.30	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:04:38	796	
	71.40	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:05:42	797	
	113.30	Roots Fine Joint, at 10 o'clock, within 8 inch: YES	00:07:40	798, b	M 1
	125.00	Tap Factory Intruding, at 3 o'clock, 20 %, 6", 2, within 8 inch: NO	00:09:16	800, b	M 3
	125.00	Abandoned Survey, within 8 inch: NO, Remarks: Due To Tap Factory Intrad	00:10:46	802	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	3111	0	4	4	0	2	2



Inspection report

Date: 20100312	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 19	PSR: 71705
Total Pipe Length: 210.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/11/2010	Pre-Cleaned: Jetting	Map Grid #: 1601

Street: SEACLIFF DR	Flow Control: Not Controlled	Start MH: 1601-0118
City: RPV	Year Renewed:	End MH: 1601-0119
Location Code: Light Highway	Tape/Media #: R025	pipe length: 192.8 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0118/1601-0119/1601	Lining Method:
	Category:

Remark::

1:450	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1601-0118	00:00:21	403	
	2.00 S1	Roots Medium Joint, at 12 o'clock, 15 %, within 8 inch: YES, Start	00:01:36	404, b	M 3
	3.00 F1	Roots Medium Joint, at 12 o'clock, 15 %, within 8 inch: YES, End	00:02:35	406, b	M 3
	3.00	Tap Factory Active, at 3 o'clock, 4", within 8 inch: NO	00:03:01	408	
	9.70	Water Level, 5 %, within 8 inch: NO	00:03:49	409	
	15.80	General Observation, within 8 inch: NO, Remarks: Pipe Joint Length 6'	00:04:16	410	
	72.10	Tap Factory Active, at 3 o'clock, 4", within 8 inch: NO	00:06:07	411	
	190.00	Tap Factory Active, at 3 o'clock, 4", within 8 inch: NO	00:09:54	412	
	191.40	Roots Fine Joint, at 12 o'clock, within 8 inch: YES	00:10:14	413, b	M 1
	192.80	Manhole, within 8 inch: NO, Remarks: 1601-0119	00:10:57	415	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	3111	0	4	4	0	2	2



Inspection report

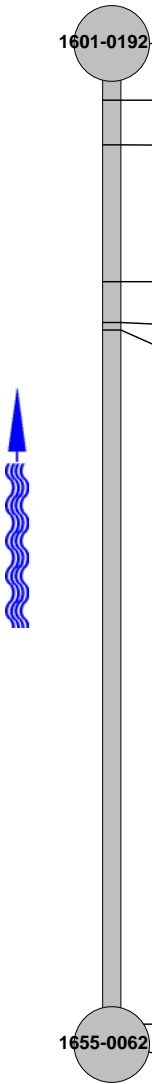
Date: 20100714	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 3312	PSR: 84706
Total Pipe Length: 132.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 07/13/2010	Pre-Cleaned: Jetting	Map Grid #: 1655

Street: EASEMENT	Flow Control: Not Controlled	Start MH: 1601-0192
City: RPV	Year Renewed	End MH: 1655-0062
Location Code: Easement/Right of Way	Tape/Media #: R311-109	pipe length: 130.3 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0062/1655-0192/1601	Lining Method:
	Category:

Remark::

1:300	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1601-0192	00:00:31	600	
	7.40	Roots Fine Joint, from 3 to 9 o'clock, within 8 inch: YES	00:01:48	601, b	M 1
	13.20	Roots Medium Joint, from 2 to 5 o'clock, 25 %, within 8 inch: YES	00:02:50	603, b	M 3
	31.00	Roots Fine Joint, at 9 o'clock, within 8 inch: YES	00:04:03	605, b	M 1
	36.30	Joint Offset Medium, within 8 inch: YES	00:05:02	607, b	S 1
	37.30	Tap Factory Active, at 12 o'clock, 4", within 8 inch: NO	00:05:49	609	
	127.70	Tap Factory Capped, at 9 o'clock, 4", within 8 inch: NO	00:09:17	610	
	130.30	Manhole, within 8 inch: NO, Remarks: 1655-0062	00:10:16	611	



QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
1100	3112	1	5	6	1	1.67	1.5



Inspection report

Date: 20100413	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1702	PSR: 75192
Total Pipe Length: 32.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 04/12/2010	Pre-Cleaned: Jetting	Map Grid #: 1546

Street: PALOS VERDES DR S	Flow Control: Not Controlled	Start MH: 1546-0181
City: RPV	Year Renewed:	End MH: 1546-TRNK
Location Code: Light Highway	Tape/Media #: G312-042	pipe length: 29.2 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 15"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0181/1546-TRNK/1546	Lining Method:
	Category:

Remark::

1:75	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1546-0181	00:00:39	10824	
	0.00	Water Level, 20 %, within 8 inch: NO	00:00:49	10825	
	3.00	Roots Medium Joint, from 12 to 4 o'clock, 30 %, within 8 inch: YES	00:02:27	10826, b	M 3
	13.10	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	00:03:24	10828, b	M 1
	13.10	Crack Circumferential, from 2 to 5 o'clock, within 8 inch: YES	00:04:18	10830, b	S 1
	23.30	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	00:05:30	10832, b	S 3
	23.30	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	00:05:43	10834, b	M 1
	29.20	Manhole, within 8 inch: NO, Remarks: 1546-TRNK	00:06:37	10836	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
3111	3112	4	5	9	2	1.67	1.8



Inspection report

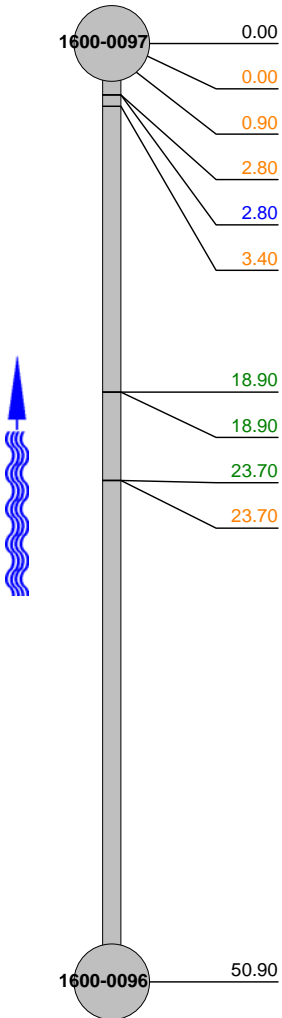
Date: 20100319	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1437	PSR: 71952
Total Pipe Length: 51.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/18/2010	Pre-Cleaned: Jetting	Map Grid #: 1600

Street: EASEMENT	Flow Control: Not Controlled	Start MH: 1600-0097
City: RPV	Year Renewed	End MH: 1600-0096
Location Code: Easement/Right of Way	Tape/Media #: G312-026	pipe length: 50.9 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length: 5.0
Drain. Area: 0096/1600-0097/1600	Lining Method:
	Category:

Remark::

1:125	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1600-0097	00:00:42	6831	
	0.00	Crack Multiple, from 7 to 6 o'clock, within 8 inch: NO	00:01:37	6832, b	S 3
	0.90 S1	Fracture Longitudinal, at 7 o'clock, within 8 inch: YES, Start	00:02:22	6834, b	S 3
	2.80	Roots Medium Joint, from 7 to 10 o'clock, 25 %, within 8 inch: YES	00:05:10	6836, b	M 3
	2.80	Crack Longitudinal, at 7 o'clock, within 8 inch: YES	00:05:23	6838, b	S 2
	3.40 F1	Fracture Longitudinal, at 7 o'clock, within 8 inch: YES, End	00:06:01	6840	S 3
	18.90	Roots Fine Joint, from 3 to 5 o'clock, within 8 inch: YES	00:07:29	6841, b	M 1
	18.90	Crack Circumferential, from 2 to 4 o'clock, within 8 inch: YES	00:07:52	6843, b	S 1
	23.70	Roots Fine Joint, from 3 to 9 o'clock, within 8 inch: YES	00:08:56	6845, b	M 1
	23.70	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	00:09:19	6847, b	S 3
	50.90	Manhole, within 8 inch: NO, Remarks: 1600-0096	00:12:16	6849	



QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
3321	3112	12	5	17	2.4	1.67	2.12



Inspection report

Date: 20100305	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1315	PSR: 75297
Total Pipe Length: 350.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/04/2010	Pre-Cleaned: Jetting	Map Grid #: 1546

Street: EASEMENT	Flow Control: Not Controlled	Start MH: 1546-0172
City: RPV	Year Renewed:	End MH: 1546-0171
Location Code: Easement/Right of Way	Tape/Media #: G312-017	pipe length: 78 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length: 5.0
Drain. Area: 0171/1546-0172/1546	Lining Method:
	Category:

Remark::

1:175	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1546-0172	00:00:29	4105	
	2.00	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	00:01:17	4106, b	M 1
	5.00	Water Level, 5 %, within 8 inch: NO	00:03:20	4108	
	12.70	Roots Fine Joint, from 7 to 10 o'clock, within 8 inch: YES	00:04:26	4109, b	M 1
	14.50	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:04:52	4111	
	78.00	Roots Medium Joint, from 6 to 10 o'clock, 25 %, within 8 inch: YES	00:09:48	4112	M 3
	78.00	Abandoned Survey, within 8 inch: NO, Remarks: CAMERA BLOCKED BY MEDIUM	00:10:46	4113	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	3112	0	5	5	0	1.67	1.67



Inspection report

Date: 20100329	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 196	PSR: 75377
Total Pipe Length: 239.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/26/2010	Pre-Cleaned: Jetting	Map Grid #: 1546

Street: EASEMENT	Flow Control: Not Controlled	Start MH: 1546-0019
City: RPV	Year Renewed	End MH: 1546-0020
Location Code: Easement/Right of Way	Tape/Media #: R311-036	pipe length: 49.8 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0019/1546-0020/1546	Lining Method:
	Category:

Remark::

1:125	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1546-0019	00:00:19	3586	
	29.00	Roots Fine Joint, from 10 to 2 o'clock, within 8 inch: YES	00:03:22	3587, b	M 1
	43.70	Roots Fine Joint, from 12 to 4 o'clock, within 8 inch: YES, Start	00:04:31	3589, b	M 1
	49.80	Roots Fine Joint, from 12 to 4 o'clock, within 8 inch: YES, End	00:06:33	3591	M 1
	49.80	Roots Medium Joint, from 2 to 6 o'clock, 45 %, within 8 inch: YES	00:07:05	3592	M 3
	49.80	Abandoned Survey, within 8 inch: NO, Remarks: Due To Roots Medium Joint	00:07:28	3593, b	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	3113	0	6	6	0	1.5	1.5



Inspection report

Date: 20100311	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1364	PSR: 71998
Total Pipe Length: 315.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/10/2010	Pre-Cleaned: Jetting	Map Grid #: 1600

Street: DAUNTLESS DR	Flow Control: Not Controlled	Start MH: 1600-0034
City: RPV	Year Renewed:	End MH: 1600-0033
Location Code: Light Highway	Tape/Media #: G312-021	pipe length: 315.2 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length: 3.0
Drain. Area: 0033/1600-0034/1600	Lining Method:
	Category:

Remark::

1:725	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1600-0034	00:00:42	5326	
	5.00	Water Level, 5 %, within 8 inch: NO	00:01:13	5327	
	5.80	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:01:25	5328	
	11.00	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	00:01:54	5329, b	M 1
	11.00	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	00:02:03	5331, b	S 3
	70.10	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	00:03:47	5333, b	S 3
	70.10	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	00:04:07	5335, b	M 1
	71.50	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:04:38	5337	
	90.70	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	00:05:34	5338, b	S 3
	114.80	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	00:06:46	5340, b	S 3
	116.20	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:07:14	5342	
	163.20 S1	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES, Start	00:08:42	5343, b	S 3
	209.40	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:10:06	5346	
	222.00	Surface Spalling Other, from 6 to 8 o'clock, within 8 inch: YES	00:11:14	5347, b	S 2
	257.80	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:13:33	5349	
	257.80	Roots Fine Connection, from 3 to 6 o'clock, within 8 inch: NO	00:13:52	5350, b	M 1
	285.50	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:15:00	5352	
	304.70	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	00:15:55	5353, b	M 1
	312.00 F1	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES, End	00:16:35	5355	S 3
	315.20	Roots Tap Barrel, from 4 to 7 o'clock, 15 %, within 8 inch: NO	00:17:46	5356, b	M 3
	315.20	Manhole, within 8 inch: NO, Remarks: 1600-0033	00:18:14	5358	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
3H21	3114	125	7	132	2.98	1.4	2.81



Inspection report

Date: 20100223	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 753	PSR: 76212
Total Pipe Length: 376.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 02/19/2010	Pre-Cleaned: Jetting	Map Grid #: 1546

Street: CARTIER DR	Flow Control: Not Controlled	Start MH: 1545-0185
City: RPV	Year Renewed	End MH: 1546-0040
Location Code: Light Highway	Tape/Media #: R315-012	pipe length: 330.2 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0040/1546-0185/1545	Lining Method:
	Category:

Remark::

1:750	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1545-0185	00:00:46	463	
	9.80	Water Level, 5 %, within 8 inch: NO	00:01:32	464	
	14.50	General Observation, within 8 inch: NO, Remarks: Pipe Joint Length 5'	00:01:58	465	
	65.70	Roots Fine Joint, at 8 o'clock, within 8 inch: YES	00:03:31	466, b	M 1
	96.10	Roots Fine Joint, at 8 o'clock, within 8 inch: YES	00:04:41	468, b	M 1
	121.60	Roots Fine Joint, at 11 o'clock, within 8 inch: YES	00:05:46	470, b	M 1
	153.60	Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	00:07:17	472	
	153.60	Roots Medium Connection, at 10 o'clock, 20 %, within 8 inch: NO	00:07:33	473, b	M 3
	155.00	Roots Fine Joint, at 9 o'clock, within 8 inch: YES	00:08:12	475, b	M 1
	268.50	Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	00:12:06	477	
	330.20	Manhole, within 8 inch: NO, Remarks: 1546-0040	00:15:08	478	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	3114	0	7	7	0	1.4	1.4



Inspection report

Date: 20100315	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 37	PSR: 71924
Total Pipe Length: 261.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/12/2010	Pre-Cleaned: Jetting	Map Grid #: 1600

Street: CORINNA DR	Flow Control: Not Controlled	Start MH: 1600-0070
City: RPV	Year Renewed	End MH: 1600-0069
Location Code: Light Highway	Tape/Media #: R026	pipe length: 175.8 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0069/1600-0070/1600	Lining Method:
	Category:

Remark::

1:400	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1600-0070	00:00:27	665	
	2.00	Roots Fine Joint, at 9 o'clock, within 8 inch: YES	00:00:58	666, b	M 1
	4.10	Water Level, 5 %, within 8 inch: NO	00:01:25	668	
	7.40	Roots Fine Joint, at 9 o'clock, within 8 inch: YES	00:01:49	669, b	M 1
	10.70	General Observation, within 8 inch: NO, Remarks: Pipe joint Length 3'	00:02:25	671	
	46.40	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:03:40	672	
	46.40	Roots Fine Connection, at 9 o'clock, within 8 inch: NO	00:03:54	673, b	M 1
	83.30	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:05:40	675	
	83.40	Roots Medium Connection, at 9 o'clock, 50 %, within 8 inch: NO	00:06:04	676, b	M 3
	84.10	Roots Fine Joint, from 8 to 9 o'clock, within 8 inch: YES	00:06:42	678, b	M 1
	169.10	Roots Fine Joint, from 3 to 8 o'clock, within 8 inch: YES	00:09:34	680, b	M 1
	170.50	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:10:02	682	
	175.80	Manhole, within 8 inch: NO, Remarks: 1600-0069	00:10:46	683	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	3115	0	8	8	0	1.33	1.33



Inspection report

Date: 20100219	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1175	PSR: 76020
Total Pipe Length: 292.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 02/18/2010	Pre-Cleaned: Jetting	Map Grid #: 1545

Street: EASEMENT	Flow Control: Not Controlled	Start MH: 1545-0422
City: RPV	Year Renewed:	End MH: 1545-0423
Location Code: Easement/Right of Way	Tape/Media #: G312-007	pipe length: 239 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0422/1545-0423/1545	Lining Method:
	Category:

Remark::

1:550	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1545-0422	00:00:55	1854	
	3.00	Crack Multiple, from 3 to 9 o'clock, within 8 inch: YES	00:01:43	1855, b	S 3
	6.00	Water Level, 5 %, within 8 inch: NO	00:02:42	1857	
	145.10	Roots Fine Joint, at 2 o'clock, within 8 inch: YES	00:06:45	1858, b	M 1
	211.60	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	00:09:11	1860, b	M 1
	221.90 S1	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, Start	00:10:12	1862, b	M 1
	237.10	Roots Medium Joint, from 7 to 10 o'clock, 35 %, within 8 inch: YES	00:11:35	1864, b	M 3
	239.00 F1	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, End	00:12:30	1866	M 1
	239.00	Abandoned Survey, within 8 inch: NO, Remarks: BLOCKED BY MEDIUM ROOTS J	00:12:57	1867	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
3100	3116	3	9	12	3	1.29	1.5



Inspection report

Date: 20100304	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 851	PSR: 75140
Total Pipe Length: 131.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/01/2010	Pre-Cleaned: Jetting	Map Grid #: 1546

Street: BEACHVIEW DR	Flow Control: Not Controlled	Start MH: 1546-0239
City: RPV	Year Renewed	End MH: 1546-0238
Location Code: Light Highway	Tape/Media #: R315-019	pipe length: 149 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0238/1546-0239/1546	Lining Method:
	Category:

Remark::

1:350	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1546-0239	00:00:34	1492	
	8.00	Water Level, 5 %, within 8 inch: NO	00:01:14	1493	
	14.70	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:01:39	1494	
	20.80	General Observation, within 8 inch: NO, Remarks: Pipe Jointt Length 5'	00:02:12	1495	
	30.80	Tap Break-in Active, at 2 o'clock, 4", within 8 inch: NO	00:02:51	1496	
	77.30	Roots Fine Joint, from 2 to 7 o'clock, within 8 inch: YES	00:04:32	1497, b	M 1
	87.60 S1	Roots Fine Joint, from 8 to 5 o'clock, within 8 inch: YES, Start	00:05:52	1499, b	M 1
	89.20	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:06:21	1501	
	89.20	Roots Medium Connection, at 3 o'clock, 20 %, within 8 inch: NO	00:06:45	1502, b	M 3
	95.30 F1	Roots Fine Joint, from 8 to 5 o'clock, within 8 inch: YES, End	00:07:23	1504, b	M 1
	105.90	Roots Fine Joint, at 9 o'clock, within 8 inch: YES	00:08:06	1506, b	M 1
	110.20 S2	Fracture Multiple, from 12 to 11 o'clock, within 8 inch: YES, Start	00:09:01	1508, b	S 4
	111.60 F2	Fracture Multiple, from 12 to 11 o'clock, within 8 inch: YES, End	00:09:36	1510, b	S 4
	116.00	Roots Fine Joint, at 8 o'clock, within 8 inch: YES	00:10:16	1512, b	M 1
	126.30	Roots Fine Joint, at 8 o'clock, within 8 inch: YES	00:10:54	1514, b	M 1
149.00	Manhole, within 8 inch: NO, Remarks: 1546-0238	00:12:07	1516		

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
4100	3116	4	9	13	4	1.29	1.62



Inspection report

Date: 20100413	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1697	PSR: 75187
Total Pipe Length: 347.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 04/12/2010	Pre-Cleaned: Jetting	Map Grid #: 1546

Street: EASEMENT	Flow Control: Not Controlled	Start MH: 1546-0175
City: RPV	Year Renewed:	End MH: 1546-0176
Location Code: Easement/Right of Way	Tape/Media #: G312-042	pipe length: 357.8 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 12"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0175/1546-0176/1546	Lining Method:
	Category:

Remark::

1:800	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1546-0175	00:02:19	10700	
	6.00	Water Level, 25 %, within 8 inch: NO, Remarks: FAST, HEAVY FLOW	00:05:39	10701	
	53.00	Tap Factory Capped, at 3 o'clock, 6", within 8 inch: NO	00:08:20	10702	
	69.50	Roots Medium Joint, from 2 to 8 o'clock, 30 %, within 8 inch: YES	00:09:34	10703, b	M 3
	74.30	Roots Fine Joint, from 1 to 5 o'clock, within 8 inch: YES	00:11:35	10705, b	M 1
	95.00	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	00:13:07	10707, b	M 1
	125.60	Crack Circumferential, from 3 to 9 o'clock, within 8 inch: YES	00:15:08	10709, b	S 1
	125.60	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	00:15:20	10711, b	M 1
	127.00	Tap Factory Capped, at 3 o'clock, 6", within 8 inch: NO	00:16:29	10713	
	133.00	Roots Fine Joint, from 3 to 9 o'clock, within 8 inch: YES	00:17:23	10714, b	M 1
	158.90	Crack Circumferential, from 3 to 5 o'clock, within 8 inch: YES	00:19:54	10716, b	S 1
	169.80	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	00:20:58	10718, b	S 3
	169.80	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	00:21:09	10720, b	M 1
	212.10	Tap Factory Capped, at 3 o'clock, 6", within 8 inch: NO	00:23:16	10722	
	279.60	Roots Fine Joint, from 3 to 5 o'clock, within 8 inch: YES	00:26:30	10723, b	M 1
279.60	Crack Circumferential, from 7 to 9 o'clock, within 8 inch: YES	00:26:49	10725, b	S 1	
296.50	Tap Factory Capped, at 3 o'clock, 6", within 8 inch: NO	00:28:17	10727		
333.60	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	00:29:53	10728, b	S 3	
356.10	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	00:31:15	10730, b	M 1	
357.80	Manhole, within 8 inch: NO, Remarks: 1546-0176	00:33:28	10732		

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
3213	3117	9	10	19	1.8	1.25	1.46



Inspection report

Date: 20100407	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 299	PSR: 71774
Total Pipe Length: 115.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 04/05/2010	Pre-Cleaned: Jetting	Map Grid #: 1601

Street: EASEMENT	Flow Control: Not Controlled	Start MH: 1601-0078
City: RPV	Year Renewed:	End MH: 1601-0079
Location Code: Easement/Right of Way	Tape/Media #: R311-043	pipe length: 115.7 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0078/1601-0079/1601	Lining Method:
	Category:

Remark::

1:275	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1601-0078	00:00:23	4875	
	8.90	Roots Fine Joint, from 4 to 8 o'clock, within 8 inch: YES	00:01:27	4876, b	M 1
	29.30	Roots Fine Joint, at 10 o'clock, within 8 inch: YES	00:04:37	4878, b	M 1
	39.30	Roots Fine Joint, from 2 to 5 o'clock, within 8 inch: YES	00:05:42	4880, b	M 1
	54.10	Roots Medium Joint, from 2 to 5 o'clock, 25 %, within 8 inch: YES	00:06:47	4882, b	M 3
	74.00	Roots Fine Joint, from 1 to 8 o'clock, within 8 inch: YES	00:08:03	4884, b	M 1
	80.00	Roots Fine Joint, from 8 to 4 o'clock, within 8 inch: YES	00:08:39	4886, b	M 1
	90.30	Crack Circumferential, from 12 to 11 o'clock, within 8 inch: NO	00:09:33	4888, b	S 1
	108.70	Roots Fine Joint, from 4 to 8 o'clock, within 8 inch: YES	00:10:38	4890, b	M 1
	113.30	Crack Circumferential, from 12 to 11 o'clock, within 8 inch: NO	00:11:18	4892, b	S 1
	114.10	Roots Fine Joint, from 11 to 3 o'clock, within 8 inch: YES	00:12:08	4894, b	M 1
	115.70	Manhole, within 8 inch: NO, Remarks: 1601-0079	00:13:10	4896	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
1200	3117	2	10	12	1	1.25	1.2



Inspection report

Date: 20100329	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 195	PSR: 75379
Total Pipe Length: 66.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/26/2010	Pre-Cleaned: Jetting	Map Grid #: 1546

Street: EASEMENT	Flow Control: Not Controlled	Start MH: 1546-0021
City: RPV	Year Renewed	End MH: 1546-0022
Location Code: Easement/Right of Way	Tape/Media #: R311-036	pipe length: 66 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0021/1546-0022/1546	Lining Method:
	Category:

Remark::

1:150	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1546-0021	00:00:30	3569	
	1.90 S1	Roots Fine Joint, at 4 o'clock, within 8 inch: YES, Start	00:2:10	3570, b	M 1
	14.50 F1	Roots Fine Joint, at 4 o'clock, within 8 inch: YES, End	00:03:25	3572, b	M 1
	25.00	Water Level, 5 %, within 8 inch: NO	00:03:57	3574	
	28.80	Roots Fine Joint, at 4 o'clock, within 8 inch: YES	00:04:31	3575, b	M 1
	29.00	General Observation, within 8 inch: NO, Remarks: Pipe Joint Length 3'	00:04:58	3577	
	47.00	Tap Factory Active, at 2 o'clock, 4", within 8 inch: NO	00:07:14	3578	
	52.10 S2	Roots Fine Joint, at 9 o'clock, within 8 inch: YES, Start	00:08:22	3579, b	M 1
	64.20 F2	Roots Fine Joint, at 9 o'clock, within 8 inch: YES, End	00:11:04	3581, b	M 1
	64.50	Roots Medium Joint, from 9 to 1 o'clock, 45 %, within 8 inch: YES	00:11:34	3583, b	M 3
	66.00	Manhole, within 8 inch: NO, Remarks: 1546-0022	00:12:36	3585	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	3117	0	10	10	0	1.25	1.25



Inspection report

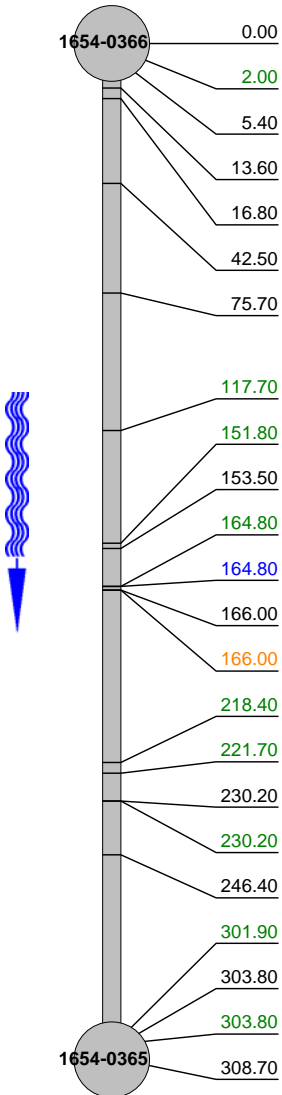
Date: 20100315	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 31	PSR: 69424
Total Pipe Length: 347.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/12/2010	Pre-Cleaned: Jetting	Map Grid #: 1654

Street: CORINNA DR	Flow Control: Not Controlled	Start MH: 1654-0366
City: RPV	Year Renewed	End MH: 1654-0365
Location Code: Light Highway	Tape/Media #: R026	pipe length: 308.7 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0365/1654-0366/1654	Lining Method:
	Category:

Remark::

1:700	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1654-0366	00:00:25	500	
	2.00	Roots Fine Joint, from 1 to 2 o'clock, within 8 inch: YES	00:00:53	501, b	M 1
	5.40	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:01:32	503	
	13.60	Water Level, 5 %, within 8 inch: NO	00:01:54	504	
	16.80	General Observation, within 8 inch: NO, Remarks: Pipe Joint Length 3'	00:02:21	505	
	42.50	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:03:04	506	
	75.70	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:04:06	507	
	117.70	Roots Fine Joint, from 12 to 4 o'clock, within 8 inch: YES	00:05:16	508, b	M 1
	151.80	Roots Fine Joint, from 7 to 10 o'clock, within 8 inch: YES	00:06:27	510, b	M 1
	153.50	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:06:54	512	
	164.80	Roots Fine Joint, from 3 to 10 o'clock, within 8 inch: YES	00:07:37	513, b	M 1
	164.80	Crack Longitudinal, at 3 o'clock, within 8 inch: YES	00:07:49	515, b	S 2
	166.00	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:08:17	517	
	166.00	Roots Medium Connection, at 3 o'clock, 45 %, within 8 inch: NO	00:08:35	518, b	M 3
	218.40	Roots Fine Joint, from 7 to 8 o'clock, within 8 inch: YES, Start	00:10:08	520, b	M 1
	221.70	Roots Fine Joint, from 7 to 8 o'clock, within 8 inch: YES, End	00:10:30	522, b	M 1
	230.20	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:11:05	524	
	230.20	Roots Fine Lateral, at 9 o'clock, within 8 inch: NO	00:11:17	525, b	M 1
	246.40	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:12:04	527	
	301.90	Roots Fine Joint, from 8 to 4 o'clock, within 8 inch: YES	00:13:33	528, b	M 1
	303.80	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:13:58	530	
	303.80	Roots Fine Lateral, at 9 o'clock, within 8 inch: NO	00:14:11	531, b	M 1
	308.70	Manhole, within 8 inch: NO, Remarks: 1654-0365	00:14:55	533	



QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
2100	3118	2	11	13	2	1.22	1.3



Inspection report

Date: 20100315	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 32	PSR: 72014
Total Pipe Length: 330.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/12/2010	Pre-Cleaned: Jetting	Map Grid #: 1654

Street: DIANORA DR	Flow Control: Not Controlled	Start MH: 1600-0049
City: RPV	Year Renewed:	End MH: 1654-0366
Location Code: Light Highway	Tape/Media #: R026	pipe length: 350.8 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0366/1654-0049/1600	Lining Method:
	Category:

Remark::

1:800	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1600-0049	00:00:43	534	
	5.00	Roots Fine Joint, from 8 to 4 o'clock, within 8 inch: YES	00:01:55	535, b	M 1
	5.40	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:02:22	537	
	13.50	Roots Fine Joint, from 2 to 4 o'clock, within 8 inch: YES	00:03:01	538, b	M 1
	16.70	Roots Fine Joint, from 3 to 9 o'clock, within 8 inch: YES	00:03:36	540, b	M 1
	20.70	Roots Fine Joint, from 8 to 9 o'clock, within 8 inch: YES	00:04:06	542, b	M 1
	23.70	Roots Fine Joint, at 12 o'clock, within 8 inch: YES	00:04:33	544, b	M 1
	52.60	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:05:38	546	
	87.90	Roots Fine Joint, from 7 to 9 o'clock, within 8 inch: YES	00:06:44	547, b	M 1
	130.40	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:08:04	549	
	131.80	Fracture Circumferential, from 8 to 10 o'clock, within 8 inch: YES	00:08:51	550, b	S 2
	136.50	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:09:25	552	
	204.00	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:11:12	553	
	247.50	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:12:30	554	
	286.20	Roots Fine Joint, at 9 o'clock, within 8 inch: YES	00:13:38	555, b	M 1
	287.60	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:14:05	557	
	287.60	Roots Medium Connection, at 9 o'clock, 50 %, within 8 inch: NO	00:14:23	558, b	M 3
	292.70	Roots Fine Joint, at 2 o'clock, within 8 inch: YES	00:15:02	560, b	M 1
	348.70	Roots Fine Joint, from 2 to 4 o'clock, within 8 inch: YES	00:16:47	562, b	M 1
	350.80	Manhole, within 8 inch: NO, Remarks: 1654-0366	00:17:34	564	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
2100	3119	2	12	14	2	1.2	1.27



Inspection report

Date: 20100224	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1225	PSR: 76024
Total Pipe Length: 336.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 02/23/2010	Pre-Cleaned: Jetting	Map Grid #: 1545

Street: EASEMENT	Flow Control: Not Controlled	Start MH: 1545-0425
City: RPV	Year Renewed:	End MH: 1545-0426
Location Code: Easement/Right of Way	Tape/Media #: G312-010	pipe length: 73.7 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length: 3.0
Drain. Area: 0425/1545-0426/1545	Lining Method:
	Category:

Remark::

1:175	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1545-0425	00:00:39	2589	
	6.00	Water Level, 10 %, within 8 inch: NO	00:02:20	2590	
	21.50 S1	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, Start	00:08:31	2591, b	M 1
	28.60	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:09:56	2593	
	73.70	Obstacle Rocks, from 5 to 7 o'clock, 20 %, within 8 inch: NO	00:13:06	2594, b	M 3
	73.70 F1	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, End	00:13:31	2596	M 1
	73.70	Abandoned Survey, within 8 inch: NO, Remarks: COMPLETES INSPECTION OF E	00:13:53	2597	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	311A	0	16	16	0	1.14	1.14



Inspection report

Date: 20100329	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 194	PSR: 75378
Total Pipe Length: 166.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/26/2010	Pre-Cleaned: Jetting	Map Grid #: 1546

Street: EASEMENT	Flow Control: Not Controlled	Start MH: 1546-0019
City: RPV	Year Renewed	End MH: 1546-0021
Location Code: Easement/Right of Way	Tape/Media #: R311-036	pipe length: 171.3 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0019/1546-0021/1546	Lining Method:
	Category:

Remark::

1:400	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1546-0019	00:00:40	3543	
	6.10	Water Level, 5 %, within 8 inch: NO	00:03:13	3544	
	17.30	General Observation, within 8 inch: NO, Remarks: Pipe joint Length 3'	00:04:03	3545	
	24.70	Roots Medium Joint, from 7 to 8 o'clock, 25 %, within 8 inch: YES	00:04:51	3546, b	M 3
	31.30	Roots Fine Joint, from 4 to 5 o'clock, within 8 inch: YES	00:05:52	3548, b	M 1
	39.50	Roots Fine Joint, from 8 to 4 o'clock, within 8 inch: YES	00:18:07	3550, b	M 1
	59.70	Roots Fine Joint, from 9 to 3 o'clock, within 8 inch: YES	00:19:34	3552, b	M 1
	77.00	Roots Fine Joint, from 9 to 12 o'clock, within 8 inch: YES	00:20:58	3554, b	M 1
	97.30	Roots Fine Joint, from 10 to 3 o'clock, within 8 inch: YES	00:22:38	3556, b	M 1
	114.10	Roots Fine Joint, from 8 to 4 o'clock, within 8 inch: YES	00:23:35	3558, b	M 1
	123.00	Roots Fine Joint, from 1 to 4 o'clock, within 8 inch: YES	00:24:19	3560, b	M 1
	154.80	Roots Fine Joint, from 8 to 4 o'clock, within 8 inch: YES	00:26:01	3562, b	M 1
	163.20	Roots Fine Joint, from 8 to 4 o'clock, within 8 inch: YES	00:27:55	3564, b	M 1
	170.90	Roots Fine Joint, from 3 to 4 o'clock, within 8 inch: YES	00:28:46	3566, b	M 1
	171.30	Manhole, within 8 inch: NO, Remarks: 1546-0021	00:30:08	3568	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	311A	0	13	13	0	1.18	1.18



Inspection report

Date: 20100217	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1144	PSR: 71968
Total Pipe Length: 230.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 02/16/2010	Pre-Cleaned: Jetting	Map Grid #: 1600

Street: AMBER SKY DR	Flow Control: Not Controlled	Start MH: 1600-0177
City: RPV	Year Renewed	End MH: 1600-0001
Location Code: Light Highway	Tape/Media #: G312-005	pipe length: 266.9 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length: 3.0
Drain. Area: 0001/1600-0177/1600	Lining Method:
	Category:

Remark::

1:600	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1600-0177	00:00:32	1259	
	3.00	Roots Fine Joint, from 2 to 3 o'clock, within 8 inch: YES	00:01:22	1260, b	M 1
	5.00	Water Level, 5 %, within 8 inch: NO	00:01:59	1262	
	7.00	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:02:16	1263	
	20.10	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:02:52	1264	
	53.40	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:04:06	1265	
	137.20	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	00:06:38	1266, b	S 3
	137.20	Roots Fine Joint, from 3 to 9 o'clock, within 8 inch: YES	00:07:01	1268, b	M 1
	142.00	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:07:54	1270	
	143.20	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	00:08:22	1271, b	S 3
	143.20	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	00:08:32	1273, b	M 1
	151.40	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:09:09	1275	
	173.00	General Observation, within 8 inch: NO, Remarks: JOINT LENGTH 3'	00:10:04	1276	
	173.00 S2	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES, Start	00:10:48	1277, b	S 3
	173.00 S1	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, Start	00:11:13	1279, b	M 1
	256.70	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:14:24	1281	
	261.20	Roots Medium Joint, from 2 to 5 o'clock, 25 %, within 8 inch: YES	00:15:15	1282, b	M 3
	263.60 F1	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, End	00:15:50	1284	M 1
	263.60 F2	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES, End	00:16:00	1285	S 3
	266.90	Manhole, within 8 inch: NO, Remarks: 1600-0001	00:16:40	1286	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
3D00	311D	75	29	104	3	1.07	2



Inspection report

Date: 20100322	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1458	PSR: 71731
Total Pipe Length: 147.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/19/2010	Pre-Cleaned: Jetting	Map Grid #: 1601

Street: FORRESTAL DR	Flow Control: Not Controlled	Start MH: 1601-0144
City: RPV	Year Renewed:	End MH: 1601-0143
Location Code: Light Highway	Tape/Media #: G312-027	pipe length: 110.8 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length: 5.0
Drain. Area: 0143/1601-0144/1601	Lining Method:
	Category:

Remark::

1:250	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1601-0144	00:00:38	7243	
	0.00 S1	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, Start	00:01:03	7244, b	M 1
	5.00	Water Level, 15 %, within 8 inch: NO	00:01:53	7246	
	18.50	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:02:30	7247	
	23.90	Roots Medium Joint, from 2 to 5 o'clock, 30 %, within 8 inch: YES	00:03:00	7248, b	M 3
	103.40	Joint Offset Medium, within 8 inch: YES	00:05:18	7250, b	S 1
	103.40	Fracture Circumferential, from 7 to 10 o'clock, within 8 inch: YES	00:05:51	7252, b	S 2
	110.60 F1	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, End	00:06:28	7254	M 1
	110.80	Manhole, within 8 inch: NO, Remarks: 1601-0143	00:06:57	7255	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
2111	311E	3	31	34	1.5	1.07	1.1



Inspection report

Date: 20100225	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1235	PSR: 75382
Total Pipe Length: 203.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 02/24/2010	Pre-Cleaned: Jetting	Map Grid #: 1546

Street: EASEMENT	Flow Control: Not Controlled	Start MH: 1546-0023
City: RPV	Year Renewed:	End MH: 1546-0062
Location Code: Easement/Right of Way	Tape/Media #: G312-011	pipe length: 209.2 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length: 3.0
Drain. Area: 0023/1546-0062/1546	Lining Method:
	Category:

Remark::

1:475	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1546-0023	00:00:34	2738	
	3.00	Roots Fine Joint, from 3 to 5 o'clock, within 8 inch: YES	00:01:27	2739, b	M 1
	6.00	Water Level, 10 %, within 8 inch: NO	00:03:33	2741	
	51.30 S1	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, Start	00:05:14	2742, b	M 1
	51.30	Fracture Circumferential, from 2 to 4 o'clock, within 8 inch: YES	00:05:40	2744, b	S 2
	72.00	Roots Medium Joint, from 8 to 4 o'clock, 30 %, within 8 inch: YES	00:07:15	2746, b	M 3
	183.60	Tap Factory Capped, at 3 o'clock, 4", within 8 inch: NO	00:10:47	2748	
	186.10	Tap Break-in Active, at 9 o'clock, 4", within 8 inch: NO	00:11:17	2749	
	201.20	General Observation, within 8 inch: NO, Remarks: JOINT LENGTH 3'	00:12:04	2750	
	207.30 F1	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, End	00:12:42	2751	M 1
	209.20	Manhole, within 8 inch: NO, Remarks: 1546-0062	00:13:47	2752	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
2100	311H	2	43	45	2	1.05	1.07



Inspection report

Date: 20100401	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1588	PSR: 69539
Total Pipe Length: 190.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/31/2010	Pre-Cleaned: Jetting	Map Grid #: 1654

Street: KNOLL VIEW DR	Flow Control: Not Controlled	Start MH: 1654-0254
City: RPV	Year Renewed	End MH: 1654-0525
Location Code: Light Highway	Tape/Media #: G312-034	pipe length: 183.9 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length: 3.0
Drain. Area: 0254/1654-0525/1654	Lining Method:
	Category:

Remark::

1:425	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1654-0254	00:00:37	9293	
	0.00	Water Level, 10 %, within 8 inch: NO	00:00:54	9294	
	15.20 S1	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, Start	00:01:59	9295, b	M 1
	15.20	Fracture Circumferential, from 7 to 9 o'clock, within 8 inch: YES	00:02:16	9297, b	S 2
	15.20	Fracture Circumferential, from 3 to 5 o'clock, within 8 inch: YES	00:02:36	9299, b	S 2
	40.80	Roots Medium Joint, from 7 to 5 o'clock, 25 %, within 8 inch: YES	00:03:52	9301, b	M 3
	47.30	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:04:34	9303	
	47.30	Roots Fine Lateral, at 9 o'clock, within 8 inch: NO	00:04:44	9304, b	M 1
	76.10	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:06:02	9306	
	76.10	Roots Fine Lateral, at 9 o'clock, within 8 inch: NO	00:06:12	9307, b	M 1
	180.80 F1	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, End	00:09:22	9309	M 1
	183.90	Manhole, within 8 inch: NO, Remarks: 1654-0525	00:10:07	9310	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
2200	3111	4	46	50	2	1.05	1.09



Inspection report

Date: 20100317	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1417	PSR: 71957
Total Pipe Length: 350.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/16/2010	Pre-Cleaned: Jetting	Map Grid #: 1600

Street: COOLHEIGHTS DR	Flow Control: Not Controlled	Start MH: 1600-0100
City: RPV	Year Renewed:	End MH: 1600-0099
Location Code: Light Highway	Tape/Media #: G312-024	pipe length: 346.3 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length: 5.0
Drain. Area: 0099/1600-0100/1600	Lining Method:
	Category:

Remark::

1:775	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1600-0100	00:00:35	6454	
	0.00	Water Level, 5 %, within 8 inch: NO	00:00:48	6455	
	0.00 S1	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, Start	00:01:07	6456, b	M 1
	9.90	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:02:02	6458	
	9.90	Roots Fine Lateral, at 9 o'clock, within 8 inch: NO	00:02:14	6459, b	M 1
	79.30	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:04:00	6461	
	90.70 F1	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, End	00:04:31	6462	M 1
	143.20	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:05:48	6463	
	206.20	Roots Fine Joint, from 7 to 2 o'clock, within 8 inch: YES	00:07:26	6464, b	M 1
	217.90	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:8:10	6466	
	217.90	Roots Fine Lateral, at 9 o'clock, within 8 inch: NO	00:08:23	6467, b	M 1
	219.10	Roots Fine Joint, from 2 to 5 o'clock, within 8 inch: YES	00:08:52	6469, b	M 1
	250.10	Roots Fine Joint, from 7 to 9 o'clock, within 8 inch: YES	00:09:53	6471, b	M 1
	265.00 S2	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, Start	00:10:55	6473, b	M 1
	287.10	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:12:03	6475	
	287.10	Roots Medium Connection, from 7 to 9 o'clock, 25 %, within 8 inch: NO	00:12:26	6476, b	M 3
	344.90 F2	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, End	00:14:32	6478	M 1
	346.30	Manhole, within 8 inch: NO, Remarks: 1600-0099	00:15:10	6479	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	311J	0	51	51	0	1.04	1.04



Inspection report

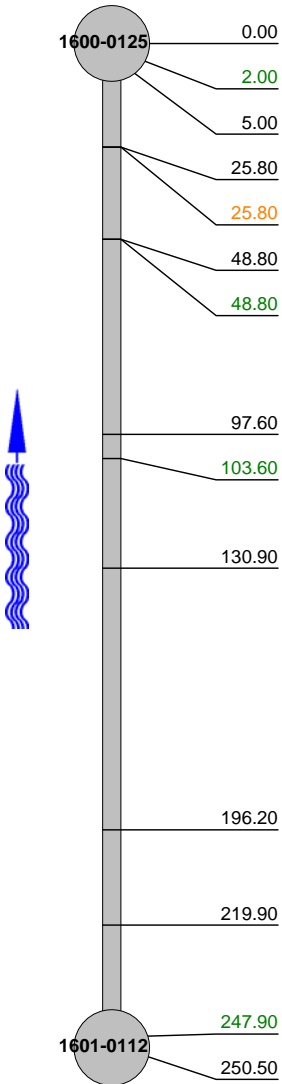
Date: 20100319	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1441	PSR: 84558
Total Pipe Length: 197.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/18/2010	Pre-Cleaned: Jetting	Map Grid #: 1601

Street: VIGILANCE DR	Flow Control: Not Controlled	Start MH: 1600-0125
City: RPV	Year Renewed:	End MH: 1601-0112
Location Code: Light Highway	Tape/Media #: G312-026	pipe length: 250.5 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length: 5.0
Drain. Area: 0112/1601-0125/1600	Lining Method:
	Category:

Remark::

1:575	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1600-0125	00:00:32	6929	
	2.00 S1	Roots Fine Joint, from 4 to 8 o'clock, within 8 inch: YES, Start	00:01:02	6930, b	M 1
	5.00	Water Level, 10 %, within 8 inch: NO	00:01:43	6932	
	25.80	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:02:25	6933	
	25.80	Roots Medium Connection, from 3 to 6 o'clock, 25 %, within 8 inch: NO	00:02:44	6934, b	M 3
	48.80	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:03:40	6936	
	48.80	Roots Fine Connection, from 6 to 9 o'clock, within 8 inch: NO	00:03:54	6937, b	M 1
	97.60	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:06:16	6939	
	103.60	Joint Offset Medium, within 8 inch: YES	00:06:45	6940, b	S 1
	130.90	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:07:58	6942	
	196.20	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:10:54	6943	
	219.90	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:12:09	6944	
	247.90 F1	Roots Fine Joint, from 4 to 8 o'clock, within 8 inch: YES, End	00:14:12	6945	M 1
	250.50	Manhole, within 8 inch: NO, Remarks: 1601-0112	00:14:53	6946	



QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
1100	311M	1	65	66	1	1.03	1.03



Inspection report

Date: 20100331	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1569	PSR: 69650
Total Pipe Length: 250.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/30/2010	Pre-Cleaned: Jetting	Map Grid #: 1654

Street: MIRALESTE DR	Flow Control: Not Controlled	Start MH: 1654-0138
City: RPV	Year Renewed:	End MH: 1654-0137
Location Code: Main Highway - Suburban/Rural	Tape/Media #: G312-033	pipe length: 320 ft
Reason for inspection: Routine Assessment		Dia/Height: Circular 8"
Use of Sewer: Sanitary		Material: Vitrified Clay Pipe Pipe Length: 3.0
Drain. Area: 0137/1654-0138/1654		Lining Method:
		Category:

Remark::

1:725	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1654-0138	00:00:33	8860	
	2.00 S1	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, Start	00:01:06	8861, b	M 1
	3.50	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:01:39	8863	
	3.50	Roots Medium Connection, from 3 to 6 o'clock, 25 %, within 8 inch: NO	00:01:53	8864, b	M 3
	5.00	Water Level, 10 %, within 8 inch: NO	00:02:34	8866	
	51.90	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:03:46	8867	
	102.90	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:5:10	8868	
	102.90	Roots Fine Lateral, at 3 o'clock, within 8 inch: NO	00:05:29	8869, b	M 1
	156.40 F1	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, End	00:07:04	8871	M 1
	170.70	Fracture Circumferential, from 8 to 10 o'clock, within 8 inch: YES	00:07:43	8872, b	S 2
	170.70	Crack Circumferential, from 1 to 3 o'clock, within 8 inch: YES	00:08:14	8874, b	S 1
	181.10 S2	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, Start	00:09:15	8876, b	M 1
	196.50	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:09:58	8878	
	236.00 F2	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, End	00:10:57	8879	M 1
	250.00	Joint Offset Medium, within 8 inch: YES	00:11:27	8880, b	S 1
	250.00 S3	Roots Fine Joint, from 10 to 5 o'clock, within 8 inch: YES, Start	00:11:42	8882, b	M 1
	251.60	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:12:28	8884	
	251.60	Roots Fine Lateral, at 3 o'clock, within 8 inch: NO	00:12:41	8885, b	M 1
	315.60 F3	Roots Fine Joint, from 10 to 5 o'clock, within 8 inch: YES, End	00:14:18	8887	M 1
	320.00	Manhole, within 8 inch: NO, Remarks: 1654-0137	00:14:59	8888	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
2112	311P	4	74	78	1.33	1.03	1.04



Inspection report

Date: 20100223	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1212	PSR: 75321
Total Pipe Length: 341.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 02/22/2010	Pre-Cleaned: Jetting	Map Grid #: 1546

Street: CARTIER DR	Flow Control: Not Controlled	Start MH: 1546-0078
City: RPV	Year Renewed:	End MH: 1546-0077
Location Code: Light Highway	Tape/Media #: G312-009	pipe length: 310.6 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length: 3.0
Drain. Area: 0077/1546-0078/1546	Lining Method:
	Category:

Remark::

1:700	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1546-0078	00:00:44	2402	
	2.00 S1	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, Start	00:01:25	2403, b	M 1
	6.00	Water Level, 10 %, within 8 inch: NO	00:02:13	2405	
	59.30	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:03:44	2406	
	59.30	Roots Medium Connection, from 3 to 6 o'clock, 25 %, within 8 inch: NO	00:03:56	2407, b	M 3
	148.90	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:06:56	2409	
	148.90	Roots Fine Lateral, at 3 o'clock, within 8 inch: NO	00:07:19	2410, b	M 1
	308.10 F1	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, End	00:13:13	2412	M 1
	308.10	General Observation, within 8 inch: NO, Remarks: joint length 3'	00:13:30	2413	
	310.60	Manhole, within 8 inch: NO, Remarks: 1546-0077	00:14:10	2414	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	311Q	0	81	81	0	1.03	1.03



Inspection report

Date: 20100308	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1324	PSR: 75218
Total Pipe Length: 399.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/05/2010	Pre-Cleaned: Jetting	Map Grid #: 1546

Street: SEACOVE DR	Flow Control: Not Controlled	Start MH: 1546-0207
City: RPV	Year Renewed:	End MH: 1546-0210
Location Code: Light Highway	Tape/Media #: G312-018	pipe length: 348.1 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length: 3.0
Drain. Area: 0207/1546-0210/1546	Lining Method:
	Category:

Remark::

1:775	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1546-0207	00:00:32	4294	
	4.50 S1	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, Start	00:01:27	4295, b	M 1
	5.00	Water Level, 10 %, within 8 inch: NO	00:02:02	4297	
	68.30	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:03:34	4298	
	68.30	Roots Fine Lateral, at 9 o'clock, within 8 inch: NO	00:03:53	4299, b	M 1
	95.30	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:04:58	4301	
	95.30	Roots Fine Lateral, at 3 o'clock, within 8 inch: NO	00:05:09	4302, b	M 1
	170.20	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:07:17	4304	
	170.20	Roots Fine Lateral, at 9 o'clock, within 8 inch: NO	00:07:28	4305, b	M 1
	172.60	Tap Factory Active, at 12 o'clock, 6", within 8 inch: NO	00:08:08	4307	
	208.30	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:09:21	4308	
	208.30	Roots Medium Connection, from 6 to 9 o'clock, 25 %, within 8 inch: NO	00:09:53	4309, b	M 3
	223.30 F1	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, End	00:10:54	4311	M 1
	226.70 S2	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, Start	00:11:19	4312, b	M 1
	319.80 F2	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, End	00:13:31	4314	M 1
	344.30	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	00:14:29	4315, b	M 1
	344.30	General Observation, within 8 inch: NO, Remarks: JOINT LENGTH 3'	00:14:50	4317	
	348.10	Manhole, within 8 inch: NO, Remarks: 1546-0210	00:15:32	4318	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	311R	0	85	85	0	1.02	1.02



Inspection report

Date: 20100412	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1689	PSR: 75289
Total Pipe Length: 150.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 04/12/2010	Pre-Cleaned: Jetting	Map Grid #: 1546

Street: EASEMENT	Flow Control: Not Controlled	Start MH: 1546-0162
City: RPV	Year Renewed:	End MH: 1546-0168
Location Code: Easement/Right of Way	Tape/Media #: G312-041	pipe length: 116.2 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 12"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0162/1546-0168/1546	Lining Method:
	Category:

Remark::

1:275	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1546-0162	00:02:05	10614	
	6.00	Water Level, 20 %, within 8 inch: NO	00:03:01	10615	
	22.40 S1	Roots Fine Joint, from 3 to 9 o'clock, within 8 inch: YES, Start	00:03:44	10616, b	M 1
	78.90	Crack Multiple, from 9 to 3 o'clock, within 8 inch: YES	00:05:56	10618, b	S 3
	99.10	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	00:07:20	10620	S 3
	99.10	Roots Tap Joint, from 7 to 11 o'clock, 20 %, within 8 inch: YES	00:07:39	10621, b	M 2
	113.00 S2	Broken, from 7 to 6 o'clock, within 8 inch: NO, Start	00:09:12	10623, b	S 5
	113.50	Deformed, 20 %, within 8 inch: NO	00:09:39	10626, b	S 5
	114.20	Material Change, within 8 inch: NO, Remarks: PE-LINING	00:15:10	10628	
	114.80	Joint Angular Large, within 8 inch: YES	00:11:53	10629, b	S 2
	114.80	Roots Medium Joint, from 10 to 2 o'clock, 30 %, within 8 inch: YES	00:12:23	10631, b	M 3
	115.70 F1	Roots Fine Joint, from 3 to 9 o'clock, within 8 inch: YES, End	00:13:58	10633	M 1
	116.10 F2	Broken, from 7 to 6 o'clock, within 8 inch: NO, End	00:14:09	10634	S 5
	116.20	Abandoned Survey, within 8 inch: NO, Remarks: CAMERA BLOCKED BY BROKEN	00:15:39	10635	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
5232	3121	18	28	46	3.6	1.12	1.53



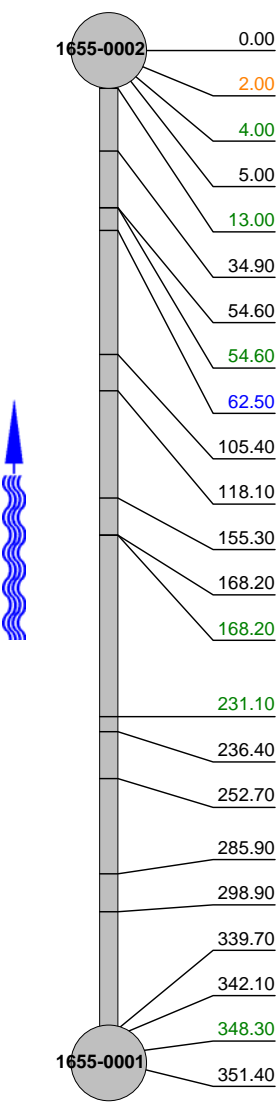
Inspection report

Date: 20100406	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1644	PSR: 69161
Total Pipe Length: 350.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 04/05/2010	Pre-Cleaned: Jetting	Map Grid #: 1655

Street: SAN RAMON DR	Flow Control: Not Controlled	Start MH: 1655-0002
City: RPV	Year Renewed:	End MH: 1655-0001
Location Code: Light Highway	Tape/Media #: G312-037	pipe length: 351.4 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length: 3.0
Drain. Area: 0001/1655-0002/1655	Lining Method:
	Category:

Remark::

1:800	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1655-0002	00:00:31	10052	
	2.00	Roots Medium Joint, from 6 to 10 o'clock, 30 %, within 8 inch: YES	00:00:59	10053, b	M 3
	4.00	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	00:03:09	10055, b	M 1
	5.00	Water Level, 5 %, within 8 inch: NO	00:03:50	10057	
	13.00 S1	Roots Fine Joint, from 8 to 10 o'clock, within 8 inch: YES, Start	00:04:13	10058, b	M 1
	34.90	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:05:12	10060	
	54.60	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:05:53	10061	
	54.60	Roots Fine Lateral, at 9 o'clock, within 8 inch: NO	00:06:04	10062, b	M 1
	62.50	Roots Tap Joint, from 7 to 10 o'clock, 20 %, within 8 inch: YES	00:06:56	10064, b	M 2
	105.40	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:08:32	10066	
	118.10	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:09:11	10067	
	155.30	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:10:40	10068	
	168.20	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:11:16	10069	
	168.20	Roots Fine Connection, from 3 to 5 o'clock, within 8 inch: NO	00:11:28	10070, b	M 1
	231.10 F1	Roots Fine Joint, from 8 to 10 o'clock, within 8 inch: YES, End	00:13:41	10072	M 1
	236.40	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:13:57	10073	
	252.70	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:14:37	10074	
	285.90	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:15:44	10075	
	298.90	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:16:16	10076	
	339.70	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:17:36	10077	
	342.10	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:17:53	10078	
	348.30	Roots Fine Joint, from 7 to 10 o'clock, within 8 inch: YES	00:18:31	10079, b	M 1
	351.40	Manhole, within 8 inch: NO, Remarks: 1655-0001	00:19:24	10081	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	3121	0	64	64	0	1.05	1.05



Inspection report

Date: 20100405	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1621	PSR: 69661
Total Pipe Length: 121.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 04/02/2010	Pre-Cleaned: Jetting	Map Grid #: 1654

Street: VIA SIENA	Flow Control: Not Controlled	Start MH: 1654-0147
City: RPV	Year Renewed:	End MH: 1654-0148
Location Code: Light Highway	Tape/Media #: G312-036	pipe length: 124.9 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length: 3.0
Drain. Area: 0147/1654-0148/1654	Lining Method:
	Category:

Remark::

1:300	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1654-0147	00:00:33	9745	
	5.00	Water Level, 10 %, within 8 inch: NO	00:01:08	9746	
	13.70	S1 Crack Multiple, from 7 to 5 o'clock, within 8 inch: NO, Start	00:01:52	9747, b	S 3
	17.20	F1 Crack Multiple, from 7 to 5 o'clock, within 8 inch: NO, End	00:02:47	9749	S 3
	27.60	F2 Fracture Circumferential, from 2 to 5 o'clock, within 8 inch: YES	00:03:33	9750, b	S 2
	27.60	Crack Circumferential, from 7 to 10 o'clock, within 8 inch: YES	00:03:53	9752, b	S 1
	27.60	S2 Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, Start	00:04:09	9754, b	M 1
	28.70	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:05:00	9756	
	28.70	S3 Roots Medium Connection, from 2 to 5 o'clock, 35 %, within 8 inch: NO	00:05:29	9757, b	M 3
	68.80	F2 Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, End	00:06:54	9759	M 1
	77.30	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:07:18	9760	
	77.30	S3 Roots Tap Lateral, at 3 o'clock, 15 %, within 8 inch: NO	00:07:38	9761, b	M 2
	78.70	S3 Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, Start	00:08:21	9763, b	M 1
	120.80	F3 Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, End	00:09:51	9765	M 1
	124.90	Manhole, within 8 inch: NO, Remarks: 1654-0148	00:10:32	9766	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
3121	3121	6	26	32	2	1.13	1.23



Inspection report

Date: 20100326	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1531	PSR: 71901
Total Pipe Length: 184.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/25/2010	Pre-Cleaned: Jetting	Map Grid #: 1600

Street: PASEO DE CASTANA	Flow Control: Not Controlled	Start MH: 1600-0174
City: RPV	Year Renewed:	End MH: 1600-0157
Location Code: Light Highway	Tape/Media #: G312-031	pipe length: 149.5 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Polyethylene Pipe Length: 13.0
Drain. Area: 0157/1600-0174/1600	Lining Method:
	Category:

Remark::

1:350	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1600-0174	00:00:38	8309	
	4.00	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:01:04	8310	
	5.00	Water Level, 10 %, within 8 inch: NO	00:01:48	8311	
	42.60 S1	Alignment Left, 10 %, within 8 inch: NO, Start	00:03:03	8312, b	M 1
	70.60	Obstacle Construction Debris, from 5 to 7 o'clock, 10 %, within 8 inch: NO	00:04:39	8314, b	M 2
	120.40 F1	Alignment Left, 10 %, within 8 inch: NO, End	00:06:02	8316	M 1
	138.10	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:06:36	8317	
	141.00	Obstacle Construction Debris, from 5 to 7 o'clock, 15 %, within 8 inch: NO	00:07:36	8318, b	M 3
	149.50	Manhole, within 8 inch: NO, Remarks: 1600-0157	00:08:47	8320	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	3121	0	24	24	0	1.14	1.14



Inspection report

Date: 20100322	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1459	PSR: 71717
Total Pipe Length: 136.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/19/2010	Pre-Cleaned: Jetting	Map Grid #: 1601

Street: FORRESTAL DR	Flow Control: Not Controlled	Start MH: 1601-0143
City: RPV	Year Renewed:	End MH: 1601-0129
Location Code: Light Highway	Tape/Media #: G312-027	pipe length: 205.6 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length: 5.0
Drain. Area: 0129/1601-0143/1601	Lining Method:
	Category:

Remark::

1:475	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1601-0143	00:00:36	7256	
	0.00	Water Level, 15 %, within 8 inch: NO	00:00:48	7257	
	1.80 S1	Roots Fine Joint, from 7 to 12 o'clock, within 8 inch: YES, Start	00:01:12	7258, b	M 1
	27.80	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:02:11	7260	
	135.50	Roots Medium Joint, from 1 to 5 o'clock, 35 %, within 8 inch: YES	00:04:54	7261, b	M 3
	138.70	Joint Offset Medium, within 8 inch: YES	00:05:25	7263, b	S 1
	143.80	Joint Offset Large, within 8 inch: YES	00:06:20	7265, b	S 2
	143.80	Alignment Right, 15 %, within 8 inch: NO	00:06:49	7267, b	M 2
	164.50	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:07:46	7269	
	172.20	Joint Offset Medium, within 8 inch: YES	00:08:15	7270, b	S 1
	182.70 F1	Roots Fine Joint, from 7 to 12 o'clock, within 8 inch: YES, End	00:08:52	7272	M 1
	205.60	Manhole, within 8 inch: NO, Remarks: 1601-0129	00:09:42	7273	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
2112	3121	4	50	54	1.33	1.06	1.08



Inspection report

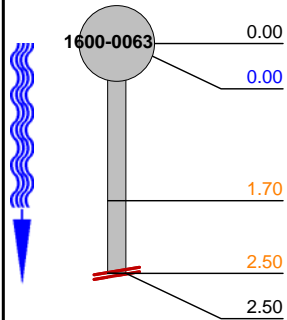
Date: 20100315	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1402	PSR: 71917
Total Pipe Length: 202.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/15/2010	Pre-Cleaned: Jetting	Map Grid #: 1600

Street: CASILINA DR	Flow Control: Not Controlled	Start MH: 1600-0063
City: RPV	Year Renewed:	End MH: 1600-0064
Location Code: Light Highway	Tape/Media #: G312-023	pipe length: 2.5 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length: 5.0
Drain. Area: 0063/1600-0064/1600	Lining Method:
	Category:

Remark::

1:25	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1600-0063	00:00:38	6037	
	0.00	Roots Tap Joint, from 7 to 5 o'clock, 15 %, within 8 inch: YES	00:01:08	6038, b	M 2
	1.70 S1	Roots Medium Joint, from 7 to 5 o'clock, 30 %, within 8 inch: YES, Start	00:01:51	6040, b	M 3
	2.50 F1	Roots Medium Joint, from 7 to 5 o'clock, 30 %, within 8 inch: YES, End	00:02:56	6042	M 3
	2.50	Abandoned Survey, within 8 inch: NO, Remarks: CAMERA BLOCKED BY MEDIUM	00:03:14	6043	



QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	3121	0	5	5	0	2.5	2.5



Inspection report

Date: 20100312	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1383	PSR: 71732
Total Pipe Length: 92.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/11/2010	Pre-Cleaned: Jetting	Map Grid #: 1601

Street: FORRESTAL DR	Flow Control: Not Controlled	Start MH: 1601-0145
City: RPV	Year Renewed:	End MH: 1601-0144
Location Code: Light Highway	Tape/Media #: G312-022	pipe length: 57.1 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length: 5.0
Drain. Area: 0144/1601-0145/1601	Lining Method:
	Category:

Remark::

1:150	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1601-0145	00:00:35	5652	
	0.00	Water Level, 10 %, within 8 inch: NO	00:00:46	5653	
	54.10	Roots Tap Joint, from 7 to 10 o'clock, 20 %, within 8 inch: YES	00:02:32	5654, b	M 2
	57.10	Roots Tap Barrel, from 2 to 5 o'clock, 15 %, within 8 inch: NO	00:03:30	5656, b	M 3
	57.10	Manhole, within 8 inch: NO, Remarks: 1601-0144	00:03:59	5658	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	3121	0	5	5	0	2.5	2.5



Inspection report

Date: 20100305	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1313	PSR: 75301
Total Pipe Length: 190.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/04/2010	Pre-Cleaned: Jetting	Map Grid #: 1546

Street: EASEMENT	Flow Control: Not Controlled	Start MH: 1546-0057
City: RPV	Year Renewed:	End MH: 1546-0058
Location Code: Easement/Right of Way	Tape/Media #: G312-017	pipe length: 192.1 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length: 5.0
Drain. Area: 0057/1546-0058/1546	Lining Method:
	Category:

Remark::

1:450	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1546-0057	00:00:30	4079	
	2.50 S1	Roots Tap Barrel, at 6 o'clock, 15 %, within 8 inch: NO, Start	00:01:22	4080, b	M 3
	5.00	Water Level, 5 %, within 8 inch: NO	00:03:07	4082	
	5.00 F1	Roots Tap Barrel, at 6 o'clock, 15 %, within 8 inch: NO, End	00:03:33	4083	M 3
	8.20	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:04:02	4084	
	10.00	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	00:04:39	4085, b	M 1
	22.50 S2	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, Start	00:05:25	4087, b	M 1
	68.20	Roots Tap Joint, from 2 to 5 o'clock, 20 %, within 8 inch: YES	00:07:03	4089, b	M 2
	78.00	Alignment Left, 10 %, within 8 inch: NO	00:07:35	4091, b	M 1
	95.00	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:08:16	4093	
	133.50	Fracture Circumferential, from 8 to 10 o'clock, within 8 inch: YES	00:09:28	4094, b	S 2
	189.10 F2	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, End	00:11:06	4096	M 1
	189.60	Tap Factory Active, at 9 o'clock, 4", within 8 inch: NO	00:11:34	4097	
	192.10	Manhole, within 8 inch: NO, Remarks: 1546-0058	00:12:53	4098	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
2100	3121	2	49	51	2	1.07	1.09



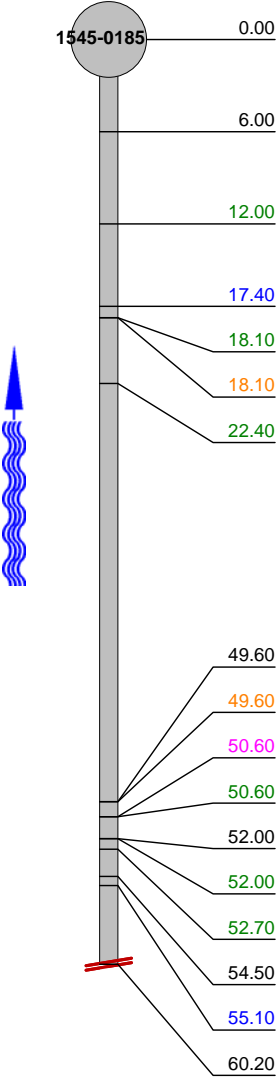
Inspection report

Date: 20100302	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1280	PSR: 76315
Total Pipe Length: 90.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/01/2010	Pre-Cleaned: Jetting	Map Grid #: 1545

Street: EASEMENT	Flow Control: Not Controlled	Start MH: 1545-0185
City: RPV	Year Renewed:	End MH: 1545-0068
Location Code: Easement/Right of Way	Tape/Media #: G312-014	pipe length: 60.2 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length: 5.0
Drain. Area: 0068/1545-0185/1545	Lining Method:
	Category:

Remark::

1:150	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1545-0185	00:00:42	3468	
	6.00	Water Level, 5 %, within 8 inch: NO	00:01:38	3469	
	12.00	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	00:02:25	3470, b	M 1
	17.40	Crack Longitudinal, at 10 o'clock, within 8 inch: YES	00:03:12	3472, b	S 2
	18.10	Crack Circumferential, from 7 to 10 o'clock, within 8 inch: NO	00:03:51	3474, b	S 1
	18.10	Hole, at 10 o'clock, within 8 inch: NO	00:04:09	3476, b	S 3
	22.40	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	00:05:06	3478, b	M 1
	49.60	Tap Factory Capped, at 9 o'clock, 4", within 8 inch: NO	00:06:31	3480	
	49.60	Roots Medium Connection, from 6 to 9 o'clock, 30 %, within 8 inch: NO	00:06:49	3481, b	M 3
	50.60	Broken, from 5 to 7 o'clock, within 8 inch: YES	00:07:58	3483, b	S 4
	50.60	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	00:08:34	3485, b	M 1
	52.00	Tap Break-in Active, at 9 o'clock, 4", within 8 inch: NO	00:09:20	3487	
	52.00	Roots Fine Connection, from 7 to 9 o'clock, within 8 inch: NO	00:09:31	3488, b	M 1
	52.70	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	00:10:18	3490, b	M 1
	54.50	Tap Factory Active, at 3 o'clock, 4", within 8 inch: NO	00:10:44	3492	
	55.10	Roots Tap Joint, from 2 to 6 o'clock, 20 %, within 8 inch: YES	00:11:15	3493, b	M 2
	60.20	Abandoned Survey, within 8 inch: NO, Remarks: COMPLETES INSPECTION OF E	00:12:03	3495	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
4131	3121	10	10	20	2.5	1.43	1.82



Inspection report

Date: 20100216	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1139	PSR: 71969
Total Pipe Length: 169.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 02/15/2010	Pre-Cleaned: Jetting	Map Grid #: 1600

Street: EASEMENT	Flow Control: Not Controlled	Start MH: 1600-0003
City: RPV	Year Renewed:	End MH: 1600-0002
Location Code: Easement/Right of Way	Tape/Media #: G312-004	pipe length: 134.1 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length: 3.0
Drain. Area: 0002/1600-0003/1600	Lining Method:
	Category:

Remark::

1:300	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1600-0003	00:02:15	1121	
	0.00	Water Level, 10 %, within 8 inch: NO	00:02:45	1122	
	13.30 S1	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, Start	00:06:17	1123, b	M 1
	13.30	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	00:07:42	1125, b	S 3
	13.30	Obstacle Rocks, from 5 to 7 o'clock, 15 %, within 8 inch: NO	00:08:29	1127, b	M 3
	36.80 F1	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, End	00:11:15	1129	M 1
	71.30	Fracture Circumferential, from 6 to 10 o'clock, within 8 inch: YES	00:14:36	1130, b	S 2
	71.30	Fracture Longitudinal, at 9 o'clock, within 8 inch: YES	00:14:52	1132, b	S 3
	71.30	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	00:15:03	1134, b	M 1
	109.70 S2	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, Start	00:23:15	1136, b	M 1
	124.70	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:25:20	1138	
	124.70	Roots Tap Lateral, at 3 o'clock, 15 %, within 8 inch: NO	00:25:42	1139, b	M 2
	126.70	Crack Multiple, from 7 to 10 o'clock, within 8 inch: YES	00:26:34	1141, b	S 3
	134.10 F2	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, End	00:27:48	1143	M 1
	134.10	Abandoned Survey, within 8 inch: NO, Remarks: DUE TO ROCK IN PIPE	00:28:22	1144	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
3321	3121	11	18	29	2.75	1.2	1.53



Inspection report

Date: 20100211	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1107	PSR: 76131
Total Pipe Length: 167.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 02/10/2010	Pre-Cleaned: Jetting	Map Grid #: 1545

Street: WHITECLIFF DR	Flow Control: Not Controlled	Start MH: 1545-0317
City: RPV	Year Renewed	End MH: 1545-0318
Location Code: Light Highway	Tape/Media #: G312-001	pipe length: 135.6 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0317/1545-0318/1545	Lining Method:
	Category:

Remark::

1:325	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1545-0317	00:00:35	242	
	6.00	Water Level, 10 %, within 8 inch: NO	00:01:08	243	
	7.10	Roots Fine Joint, from 7 to 10 o'clock, within 8 inch: YES	00:01:31	244, b	M 1
	8.40	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:01:56	246	
	13.30	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:02:22	247	
	13.30	Roots Fine Lateral, at 3 o'clock, within 8 inch: NO	00:02:31	248, b	M 1
	16.00	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:03:03	250	
	16.00	Roots Fine Lateral, at 9 o'clock, within 8 inch: NO	00:03:25	251, b	M 1
	68.00	Water Level, 15 %, within 8 inch: NO	00:05:07	253	
	70.20	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:05:22	254	
	77.80	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:06:09	255	
	77.80	Roots Medium Connection, from 2 to 6 o'clock, 25 %, within 8 inch: NO	00:06:25	256, b	M 3
	80.60	General Observation, within 8 inch: NO, Remarks: NOT A SAG, FLOW HELD BY T	00:07:55	258	
	81.10	Water Level, 10 %, within 8 inch: NO	00:06:51	259	
	99.90	General Observation, within 8 inch: NO, Remarks: JOINT LENGTH 5'	00:08:45	260	
	121.80	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:09:33	261	
	121.80	Roots Tap Connection, from 6 to 9 o'clock, 15 %, within 8 inch: NO	00:09:46	262, b	M 2
	135.60	Manhole, within 8 inch: NO, Remarks: 1545-0318	00:10:59	264	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	3121	0	8	8	0	1.6	1.6



Inspection report

Date: 20100406	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Martin Garcia	section number: 995	PSR: 69500
Total Pipe Length: 212.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 04/05/2010	Pre-Cleaned: Jetting	Map Grid #: 1654

Street: EASEMENT	Flow Control: Not Controlled	Start MH: 1654-0275
City: RPV	Year Renewed	End MH: 1654-0274
Location Code: Easement/Right of Way	Tape/Media #: M315-007	pipe length: 212.4 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0274/1654-0275/1654	Lining Method:
	Category:

Remark::

1:475	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1654-0275	00:00:26	3533	
	0.50	Tap Factory Active, at 9 o'clock, 4", within 8 inch: NO	00:00:50	3534	
	<u>6.00</u>	Alignment Up, 15 %, within 8 inch: NO	00:01:41	3535	M 2
	7.40	Water Level, 5 %, within 8 inch: NO	00:01:50	3536	
	<u>15.80</u>	Roots Medium Joint, from 12 to 5 o'clock, 10 %, within 8 inch: YES	00:02:24	3537, b	M 3
	89.80	Tap Factory Active, at 2 o'clock, 4", within 8 inch: NO	00:05:16	3539	
	212.40	Manhole, within 8 inch: NO, Remarks: 1654-0274	00:09:50	3540	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	3121	0	5	5	0	2.5	2.5



Inspection report

Date: 20100402	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Martin Garcia	section number: 970	PSR: 69593
Total Pipe Length: 186.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/29/2010	Pre-Cleaned: Jetting	Map Grid #: 1654

Street: PRIVATE RD	Flow Control: Not Controlled	Start MH: 1654-0194
City: RPV	Year Renewed:	End MH: 1654-0193
Location Code: Light Highway	Tape/Media #: M315-006	pipe length: 185.8 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0194/1654-0193/1654	Lining Method:
	Category:

Remark::

1:425	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1654-0194	00:00:33	3191	
	6.00	Tap Factory Active, at 3 o'clock, 4", within 8 inch: NO	00:01:03	3192	
	9.60	Water Level, 5 %, within 8 inch: NO	00:01:18	3193	
	21.90	Alignment Left Down, 10 %, within 8 inch: NO	00:01:45	3194	M 1
	60.30	Alignment Left Down, 15 %, within 8 inch: NO	00:02:56	3195	M 2
	125.50	Tap Factory Active, at 3 o'clock, 4", within 8 inch: NO	00:04:58	3196	
	128.10	Roots Medium Joint, from 8 to 4 o'clock, 20 %, within 8 inch: YES	00:05:27	3197, b	M 3
	167.60	Alignment Down, 5 %, within 8 inch: NO	00:07:07	3199	M 1
	185.80	Manhole, within 8 inch: NO, Remarks: 1654-0193	00:07:50	3200	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	3121	0	7	7	0	1.75	1.75



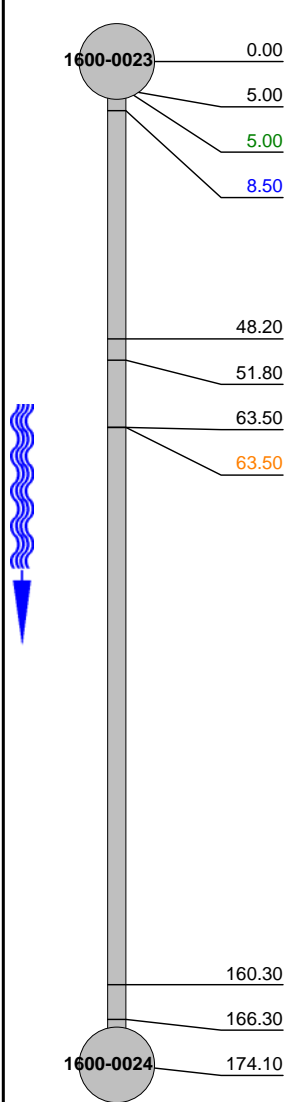
Inspection report

Date: 20100311	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 2	PSR: 71989
Total Pipe Length: 196.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/09/2010	Pre-Cleaned: Jetting	Map Grid #: 1600

Street: EXULTANT DR	Flow Control: Not Controlled	Start MH: 1600-0023
City: RPV	Year Renewed	End MH: 1600-0024
Location Code: Light Highway	Tape/Media #: R024	pipe length: 174.1 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0023/1600-0024/1600	Lining Method:
	Category:

Remark::

1:400	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1600-0023	00:00:29	15	
	5.00	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:01:20	16	
	5.00	Roots Fine Lateral, at 3 o'clock, within 8 inch: NO	00:01:30	17, b	M 1
	8.50	Obstacle Other, at 6 o'clock, 5 %, within 8 inch: NO, Remarks: Plumber Snake	00:03:09	19, b	M 2
	48.20	Water Level, 5 %, within 8 inch: NO	00:04:55	21	
	51.80	General Observation, within 8 inch: NO, Remarks: Pipe Joint Length 3'	00:05:17	22	
	63.50	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:05:50	23	
	63.50	Roots Medium Connection, at 3 o'clock, 30 %, within 8 inch: NO	00:06:07	24, b	M 3
	160.30	Tap Factory Active, at 2 o'clock, 6", within 8 inch: NO	00:08:56	26	
	166.30	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:09:25	27	
	174.10	Manhole, within 8 inch: NO, Remarks: 1600-0024	00:10:13	28	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	3121	0	6	6	0	2	2



Inspection report

Date: 20100719	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 3332	PSR: 75295
Total Pipe Length: 89.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 07/15/2010	Pre-Cleaned: Jetting	Map Grid #: 1546

Street: EASEMENT	Flow Control: Not Controlled	Start MH: 1546-0169
City: RPV	Year Renewed:	End MH: 1546-0170
Location Code: Easement/Right of Way	Tape/Media #: R311-112	pipe length: 86 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 15"/15"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0169/1546-0170/1546	Lining Method:
	Category:

Remark::

1:200	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1546-0169 / BURIED	00:00:28	916	
	7.20	Water Level, 15 %, within 8 inch: NO	00:01:35	917	
	32.40	S1 Water Level Sag, 25 %, within 8 inch: NO, Start	00:02:43	918	M 2
	41.00	F1 Water Level Sag, 25 %, within 8 inch: NO, End	00:03:07	919	M 2
	56.00	Roots Medium Joint, from 8 to 4 o'clock, 10 %, within 8 inch: YES	00:03:48	920, b	M 3
	81.80	Roots Fine Joint, from 8 to 4 o'clock, within 8 inch: YES	00:05:09	922, b	M 1
	86.00	Manhole, within 8 inch: NO, Remarks: 1546-0170	00:06:15	924	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	3122	0	8	8	0	2	2



Inspection report

Date: 20100409	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1676	PSR: 69393
Total Pipe Length: 207.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 04/08/2010	Pre-Cleaned: Jetting	Map Grid #: 1654

Street: 9TH ST	Flow Control: Not Controlled	Start MH: 1654-0337
City: RPV	Year Renewed:	End MH: 1654-0338
Location Code: Main Highway - Suburban/Rural	Tape/Media #: G312-040	pipe length: 228.8 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0337/1654-0338/1654	Lining Method:
	Category:

Remark::

1:525	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1654-0337	00:00:42	10461	
	0.00	Water Level, 10 %, within 8 inch: NO	00:00:56	10462	
	168.30	Water Level, 15 %, within 8 inch: NO	00:05:40	10463	
	180.70	Roots Fine Joint, from 7 to 10 o'clock, within 8 inch: YES	00:06:35	10464, b	M 1
	180.70	Joint Offset Medium, within 8 inch: YES	00:06:44	10466, b	S 1
	180.70	Intruding Sealing Ring Loose/Poorly Fitting, from 7 to 10 o'clock, 5 %, within 8 inch: NO	00:07:01	10468, b	M 2
	223.10	Deposits Attached Grease, from 11 to 1 o'clock, 10 %, within 8 inch: NO	00:08:56	10470, b	M 2
	227.00	Fracture Circumferential, from 3 to 9 o'clock, within 8 inch: YES	00:09:57	10472, b	S 2
	227.00	Roots Medium Joint, from 7 to 10 o'clock, 30 %, within 8 inch: YES	00:10:18	10474, b	M 3
	228.80	Manhole, within 8 inch: NO, Remarks: 1654-0338, BURIED	00:12:51	10476	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
2111	3122	3	8	11	1.5	2	1.83



Inspection report

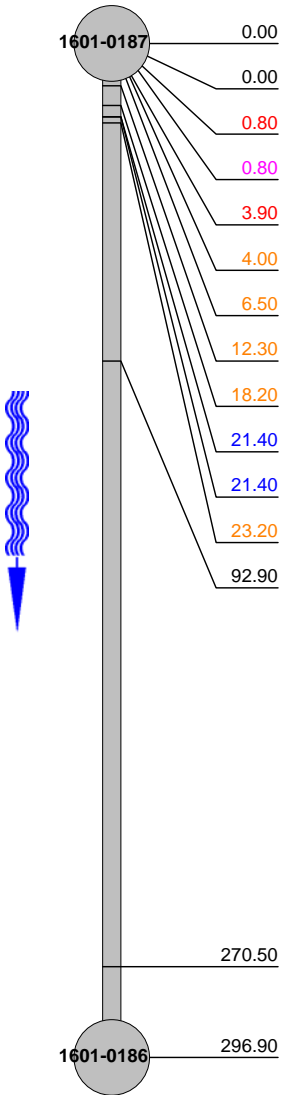
Date: 20100407	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1651	PSR: 71656
Total Pipe Length: 328.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 04/07/2010	Pre-Cleaned: Jetting	Map Grid #: 1601

Street: EASEMENT	Flow Control: Not Controlled	Start MH: 1601-0187
City: RPV	Year Renewed:	End MH: 1601-0186
Location Code: Easement/Right of Way	Tape/Media #: G312-038	pipe length: 296.9 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length: 3.0
Drain. Area: 0186/1601-0187/1601	Lining Method:
	Category:

Remark::

1:675	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1601-0187	00:00:48	10162	
	0.00	Water Level, 10 %, within 8 inch: NO	00:01:07	10163	
	0.80 S1	Broken, from 7 to 6 o'clock, within 8 inch: YES, Start	00:01:42	10164, b	S 5
	0.80	Deformed, 10 %, within 8 inch: NO	00:01:54	10166, b	S 4
	3.90 F1	Broken, from 7 to 6 o'clock, within 8 inch: YES, End	00:02:47	10168	S 5
	4.00	Obstacle Construction Debris, from 5 to 7 o'clock, 15 %, within 8 inch: NO	00:03:11	10169, b	M 3
	6.50 S2	Crack Multiple, from 2 to 5 o'clock, within 8 inch: YES, Start	00:04:20	10171, b	S 3
	12.30 F2	Crack Multiple, from 2 to 5 o'clock, within 8 inch: YES, End	00:05:20	10173	S 3
	18.20	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	00:05:54	10174, b	S 3
	21.40	Obstacle Rocks, from 4 to 6 o'clock, 10 %, within 8 inch: NO	00:06:32	10176, b	M 2
	21.40	Deposits Ingressed Fine, from 5 to 7 o'clock, 10 %, within 8 inch: NO, Remarks: SAND	00:06:52	10178, b	M 2
	23.20	Crack Multiple, from 7 to 10 o'clock, within 8 inch: YES	00:08:20	10180, b	S 3
	92.90	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	01:13:59	10182	
	270.50	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	01:19:08	10183	
	296.90	Manhole, within 8 inch: NO, Remarks: 1601-0186	01:20:37	10184	



QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
5141	3122	18	7	25	3.6	2.33	3.12



Inspection report

Date: 20100331	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1571	PSR: 69549
Total Pipe Length: 191.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/30/2010	Pre-Cleaned: Jetting	Map Grid #: 1654

Street: ALLEY	Flow Control: Not Controlled	Start MH: 1654-0264
City: RPV	Year Renewed:	End MH: 1654-0265
Location Code: Alley	Tape/Media #: G312-033	pipe length: 198.1 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length: 3.0
Drain. Area: 0264/1654-0265/1654	Lining Method:
	Category:

Remark::

1:450	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1654-0264	00:00:32	8900	
	0.50 S1	Roots Fine Joint, from 7 to 10 o'clock, within 8 inch: YES, Start	00:01:00	8901, b	M 1
	5.00	Water Level, 10 %, within 8 inch: NO	00:01:34	8903	
	36.10	Roots Tap Joint, from 7 to 11 o'clock, 15 %, within 8 inch: YES	00:03:07	8904, b	M 2
	95.40	General Observation, within 8 inch: NO, Remarks: JOINT LENGTH 3'	00:06:03	8906	
	98.80	Roots Tap Joint, from 7 to 10 o'clock, 20 %, within 8 inch: YES	00:06:25	8907, b	M 2
	132.10	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:08:07	8909	
	132.10	Roots Medium Connection, from 2 to 6 o'clock, 25 %, within 8 inch: NO	00:08:42	8910, b	M 3
	195.60 F1	Roots Fine Joint, from 7 to 10 o'clock, within 8 inch: YES, End	00:11:11	8912	M 1
	198.10	Manhole, within 8 inch: NO, Remarks: 1654-0265	00:11:33	8913	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	3122	0	56	56	0	1.08	1.08



Inspection report

Date: 20100315	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1405	PSR: 71920
Total Pipe Length: 133.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/15/2010	Pre-Cleaned: Jetting	Map Grid #: 1600

Street: CASILINA DR	Flow Control: Not Controlled	Start MH: 1600-0065
City: RPV	Year Renewed:	End MH: 1600-0066
Location Code: Light Highway	Tape/Media #: G312-023	pipe length: 84.8 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length: 5.0
Drain. Area: 0065/1600-0066/1600	Lining Method:
	Category:

Remark::

1:200	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1600-0065	00:00:35	6092	
	0.00	Water Level, 10 %, within 8 inch: NO	00:00:46	6093	
	23.90	Crack Multiple, from 12 to 5 o'clock, within 8 inch: YES	00:01:44	6094, b	S 3
	41.70	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:02:28	6096	
	61.50	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:03:06	6097	
	74.30	Roots Fine Barrel, at 2 o'clock, within 8 inch: NO	00:03:36	6098, b	M 2
	81.90	Deposits Attached Encrustation, from 7 to 5 o'clock, 15 %, within 8 inch: YES	00:04:16	6100, b	M 3
	82.20	Roots Fine Joint, from 4 to 8 o'clock, within 8 inch: YES	00:04:40	6102, b	M 1
	84.80	Deposits Attached Encrustation, from 3 to 9 o'clock, 10 %, within 8 inch: NO	00:05:26	6104, b	M 2
	84.80	Manhole, within 8 inch: NO, Remarks: 1600-0066	00:06:25	6106	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
3100	3122	3	8	11	3	2	2.2



Inspection report

Date: 20100301	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1265	PSR: 76312
Total Pipe Length: 300.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 02/26/2010	Pre-Cleaned: Jetting	Map Grid #: 1545

Street: EASEMENT	Flow Control: Not Controlled	Start MH: 1545-0067
City: RPV	Year Renewed	End MH: 1545-0064
Location Code: Easement/Right of Way	Tape/Media #: G312-013	pipe length: 306.4 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length: 5.0
Drain. Area: 0064/1545-0067/1545	Lining Method:
	Category:

Remark::

1:700	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1545-0067	00:00:36	3250	
	6.00	Water Level, 10 %, within 8 inch: NO	00:02:20	3251	
	20.20	Tap Factory Capped, at 3 o'clock, 6", within 8 inch: NO	00:03:13	3252	
	26.90 S1	Roots Fine Joint, from 3 to 5 o'clock, within 8 inch: YES, Start	00:03:53	3253, b	M 1
	108.00 F1	Roots Fine Joint, from 3 to 5 o'clock, within 8 inch: YES, End	00:06:15	3255	M 1
	119.20 S2	Water Level Sag, 25 %, within 8 inch: NO, Start	00:06:43	3256, b	M 2
	128.50 F2	Water Level Sag, 25 %, within 8 inch: NO, End	00:07:20	3258	M 2
	128.50	Water Level, 10 %, within 8 inch: NO	00:07:30	3259	
	150.60	Crack Circumferential, from 1 to 8 o'clock, within 8 inch: NO	00:09:08	3260, b	S 1
	150.60	Tap Break-in Active, at 1 o'clock, 4", within 8 inch: NO	00:09:26	3262	
	150.60	Roots Medium Connection, from 8 to 4 o'clock, 25 %, within 8 inch: NO	00:10:04	3263, b	M 3
	160.50	Tap Factory Capped, at 3 o'clock, 4", within 8 inch: NO	00:11:10	3265	
	232.70	General Observation, within 8 inch: NO, Remarks: JOINT LENGTH 5'	00:13:48	3266	
	274.10 S3	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, Start	00:15:22	3267, b	M 1
	276.20	Tap Break-in Active, at 2 o'clock, 4", within 8 inch: NO	00:16:26	3270	
	301.80	Fracture Circumferential, from 12 to 2 o'clock, within 8 inch: YES	00:18:11	3271, b	S 2
	301.80	Joint Offset Medium, within 8 inch: YES	00:18:25	3273, b	S 1
	306.30 F3	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, End	00:20:24	3275	M 1
306.40	Manhole, within 8 inch: NO, Remarks: 1545-0064	00:20:11	3276		

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
2112	3122	4	35	39	1.33	1.13	1.15



Inspection report

Date: 20100222	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1196	PSR: 75937
Total Pipe Length: 276.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 02/19/2010	Pre-Cleaned: Jetting	Map Grid #: 1545

Street: EASEMENT	Flow Control: Not Controlled	Start MH: 1545-0455
City: RPV	Year Renewed:	End MH: 1545-0451
Location Code: Easement/Right of Way	Tape/Media #: G312-008	pipe length: 278.5 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length: 5.0
Drain. Area: 0451/1545-0455/1545	Lining Method:
	Category:

Remark::

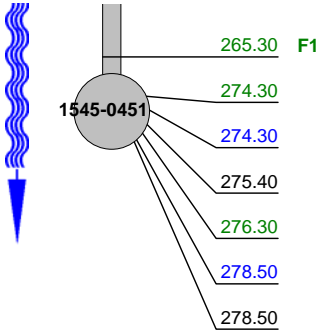
1:561	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1545-0455	00:00:37	2119	
	0.00	Water Level, 5 %, within 8 inch: NO	00:00:52	2120	
	4.00	Joint Offset Medium, within 8 inch: YES	00:01:27	2121, b	S 1
	50.60	Tap Factory Active, at 3 o'clock, 4", within 8 inch: NO	00:03:23	2123	
	50.60	Joint Offset Medium, within 8 inch: YES	00:03:32	2124, b	S 1
	56.90	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	00:04:18	2126, b	M 1
	62.40	Joint Offset Medium, within 8 inch: YES	00:05:14	2128, b	S 1
	64.90	Water Level, 15 %, within 8 inch: NO	00:05:40	2130	
	68.10	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	00:06:12	2131, b	M 1
	68.10	Joint Offset Medium, within 8 inch: YES	00:06:21	2133, b	S 1
	68.10	Alignment Right, 5 %, within 8 inch: NO	00:06:31	2135, b	M 1
	79.80	Joint Offset Medium, within 8 inch: YES	00:08:17	2137, b	S 1
	94.10	Roots Medium Connection, from 8 to 4 o'clock, 35 %, within 8 inch: NO	00:09:17	2139, b	M 3
	95.50	Tap Factory Active, at 12 o'clock, 6", within 8 inch: NO	00:11:34	2141	
	114.10	Tap Factory Capped, at 3 o'clock, 6", within 8 inch: NO	00:12:36	2142	
	115.00	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	00:13:23	2143, b	M 1
	159.50 S1	Alignment Right, 10 %, within 8 inch: NO, Start	00:14:46	2145, b	M 1
	159.50	General Observation, within 8 inch: NO, Remarks: JOINT LENGTH 5'	00:15:07	2147	
	177.60	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:16:03	2148	
	177.60	Roots Fine Lateral, at 3 o'clock, within 8 inch: NO	00:16:14	2149, b	M 1
	177.60	Joint Offset Medium, within 8 inch: YES	00:16:23	2151, b	S 1
	242.70	Roots Fine Joint, from 7 to 10 o'clock, within 8 inch: YES	00:18:24	2153, b	M 1



Inspection report

Date: 20100222	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1196	PSR: 75937
Total Pipe Length: 276.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 02/19/2010	Pre-Cleaned: Jetting	Map Grid #: 1545

1:561	position	observation	MPEG	photo	grade
	<u>265.30</u> F1	Alignment Right, 10 %, within 8 inch: NO, End	00:19:17	2155	M 1
	<u>274.30</u>	Joint Offset Medium, within 8 inch: YES	00:20:07	2156, b	S 1
	<u>274.30</u>	Roots Tap Joint, from 7 to 5 o'clock, 15 %, within 8 inch: YES	00:20:21	2158, b	M 2
	<u>275.40</u>	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:21:15	2160	
	<u>276.30</u>	Joint Offset Medium, within 8 inch: YES	00:21:55	2161, b	S 1
	<u>278.50</u>	Roots Fine Barrel, from 3 to 9 o'clock, within 8 inch: NO	00:23:03	2163, b	M 2
	<u>278.50</u>	Manhole, within 8 inch: NO, Remarks: 1545-0451	00:24:08	2165	



QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
1800	3122	8	39	47	1	1.11	1.09



Inspection report

Date: 20100329	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Martin Garcia	section number: 915	PSR: 69209
Total Pipe Length:	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/07/2010	Pre-Cleaned: Jetting	Map Grid #: 1655

Street: Private Rd	Flow Control: Not Controlled	Start MH: 1655-0049
City: RPV	Year Renewed	End MH: 1655-0050
Location Code: Light Highway	Tape/Media #: M315-003	pipe length: 224.4 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0049/1655-0050/1655	Lining Method:
	Category:

Remark::

1:500	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1655-0049	00:00:24	2566	
	0.00	Alignment Down, 10 %, within 8 inch: NO	00:00:35	2567	M 1
	6.00	Water Level, 10 %, within 8 inch: NO	00:01:24	2568	
	23.10	Alignment Left, 15 %, within 8 inch: NO	00:02:12	2569	M 2
	24.10	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:02:25	2570	
	35.20	Alignment Left, 20 %, within 8 inch: NO	00:02:59	2571	M 2
	76.80	Roots Medium Joint, from 7 to 5 o'clock, 35 %, within 8 inch: YES	00:08:39	2572, b	M 3
	184.60	Tap Factory Active, at 9 o'clock, 4", within 8 inch: NO	00:12:12	2574	
	224.40	Manhole, within 8 inch: NO, Remarks: 1655-0050	00:13:38	2575	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	3122	0	8	8	0	2	2



Inspection report

Date: 20100329	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1548	PSR: 71886
Total Pipe Length: 68.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/26/2010	Pre-Cleaned: Jetting	Map Grid #: 1600

Street: CREST DR	Flow Control: Not Controlled	Start MH: 1600-0142
City: RPV	Year Renewed	End MH: 1600-0143
Location Code: Main Highway - Suburban/Rural	Tape/Media #: G312-032	pipe length: 43.5 ft
Reason for inspection: Routine Assessment	Dia/Height: Circular 8"	Material: Polyethylene Pipe Length: 13.0
Use of Sewer: Sanitary	Lining Method:	
Drain. Area: 0142/1600-0143/1600	Category:	

Remark::

1:100	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1600-0142	00:00:32	8499	
	5.00	Water Level, 15 %, within 8 inch: NO	00:01:08	8500	
	22.10	Obstacle Construction Debris, at 6 o'clock, 15 %, within 8 inch: NO	00:01:56	8501, b	M 3
	27.00	Material Change, within 8 inch: NO, Remarks: cast-iron	00:03:06	8503	
	27.00 S1	Water Level Sag, 25 %, within 8 inch: NO, Start	00:03:23	8504, b	M 2
	38.80	Joint Offset Large, within 8 inch: YES	00:04:18	8506, b	S 2
	38.80	Material Change, within 8 inch: NO, Remarks: Polyethylene	00:04:35	8508	
	43.20 F1	Water Level Sag, 25 %, within 8 inch: NO, End	00:05:02	8509	M 2
	43.20	Water Level, 15 %, within 8 inch: NO	00:05:21	8510	
	43.50	Manhole, within 8 inch: NO, Remarks: 1600-0143	00:05:36	8511	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
2100	3124	2	11	13	2	2.2	2.17



Inspection report

Date: 20100324	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1489	PSR: 75205
Total Pipe Length: 197.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/24/2010	Pre-Cleaned: Jetting	Map Grid #: 1546

Street: EASEMENT	Flow Control: Not Controlled	Start MH: 1546-0194
City: RPV	Year Renewed:	End MH: 1546-0198
Location Code: Easement/Right of Way	Tape/Media #: G312-029	pipe length: 200.2 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length: 5.0
Drain. Area: 0194/1546-0198/1546	Lining Method:
	Category:

Remark::

1:429	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1546-0194	00:00:55	7761	
	0.00	Roots Fine Joint, from 3 to 5 o'clock, within 8 inch: YES	00:01:21	7762, b	M 1
	5.00	Water Level, 15 %, within 8 inch: NO	00:02:03	7764	
	18.10	Water Level, 20 %, within 8 inch: NO	00:02:27	7765	
	22.10	Roots Fine Joint, from 9 to 10 o'clock, within 8 inch: YES	00:02:41	7766, b	M 1
	22.10	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	00:03:07	7768, b	S 3
	25.40	Crack Circumferential, from 2 to 10 o'clock, within 8 inch: YES	00:03:42	7770, b	S 1
	25.40	Roots Medium Joint, from 6 to 9 o'clock, 25 %, within 8 inch: YES	00:04:02	7772, b	M 3
	25.60	Water Level, 15 %, within 8 inch: NO	00:04:22	7774	
	32.40	Crack Multiple, from 7 to 12 o'clock, within 8 inch: YES	00:05:53	7775, b	S 3
	34.70	Water Level Sag, 25 %, within 8 inch: NO, Start	00:06:19	7777, b	M 2
	35.90	Crack Circumferential, from 3 to 9 o'clock, within 8 inch: YES	00:06:46	7779, b	S 1
	42.90	Crack Circumferential, from 1 to 3 o'clock, within 8 inch: YES	00:07:20	7781, b	S 1
	46.40	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES, Start	00:08:00	7783, b	S 3
	53.20	Water Level Sag, 25 %, within 8 inch: NO, End	00:08:26	7786	M 2
	53.20	Water Level, 10 %, within 8 inch: NO	00:08:36	7787	
	78.40	Tap Factory Defective, at 9 o'clock, 6", 2, within 8 inch: NO	00:09:28	7788, b	M 2
	78.40	Crack Multiple, from 8 to 10 o'clock, within 8 inch: NO	00:09:40	7790, b	S 3
	78.40	Roots Fine Lateral, at 9 o'clock, within 8 inch: NO	00:09:51	7792, b	M 1
	84.60	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:10:28	7794	
	106.40	Roots Fine Joint, from 5 to 9 o'clock, within 8 inch: YES, Start	00:11:13	7795, b	M 1
	192.50	Joint Offset Medium, within 8 inch: YES	00:14:07	7797, b	S 1



Inspection report

Date: 20100324	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1489	PSR: 75205
Total Pipe Length: 197.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/24/2010	Pre-Cleaned: Jetting	Map Grid #: 1546

1:429	position	observation	MPEG	photo	grade	
	196.20	F2	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES, End	00:14:40	7799	S 3
	196.20	F3	Roots Fine Joint, from 5 to 9 o'clock, within 8 inch: YES, End	00:14:51	7800	M 1
	199.00		Deposits Attached Other, from 10 to 3 o'clock, 10 %, within 8 inch: NO, Remarks: CONCRETE	00:15:36	7801, b	M 2
	199.00		Crack Circumferential, from 3 to 9 o'clock, within 8 inch: NO	00:15:51	7803, b	S 1
	200.20		Manhole, within 8 inch: NO, Remarks: 1546-0198	00:17:07	7805	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
3H15	3127	125	42	167	2.78	1.27	2.14



Inspection report

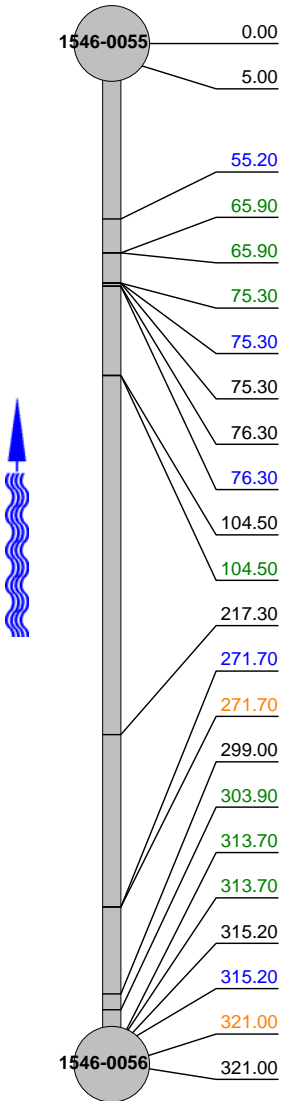
Date: 20100302	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1277	PSR: 75300
Total Pipe Length: 318.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/01/2010	Pre-Cleaned: Jetting	Map Grid #: 1546

Street: EASEMENT	Flow Control: Not Controlled	Start MH: 1546-0055
City: RPV	Year Renewed	End MH: 1546-0056
Location Code: Easement/Right of Way	Tape/Media #: G312-014	pipe length: 321 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length: 5.0
Drain. Area: 0055/1546-0056/1546	Lining Method:
	Category:

Remark::

1:725	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1546-0055	00:00:35	3377	
	5.00	Water Level, 5 %, within 8 inch: NO	00:01:33	3378	
	55.20 S1	Water Level Sag, 25 %, within 8 inch: NO, Start	00:04:43	3379, b	M 2
	65.90	Joint Offset Medium, within 8 inch: YES	00:03:11	3381, b	S 1
	65.90 S2	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, Start	00:03:22	3383, b	M 1
	75.30	Joint Offset Medium, within 8 inch: YES	00:05:50	3386, b	S 1
	75.30 F1	Water Level Sag, 25 %, within 8 inch: NO, End	00:06:07	3388	M 2
	75.30	Water Level, 5 %, within 8 inch: NO	00:06:19	3389	
	76.30	Tap Factory Active, at 9 o'clock, 4", within 8 inch: NO	00:06:45	3390	
	76.30	Roots Tap Lateral, at 9 o'clock, 15 %, within 8 inch: NO	00:07:03	3391, b	M 2
	104.50	Tap Factory Active, at 9 o'clock, 4", within 8 inch: NO	00:08:16	3393	
	104.50	Roots Fine Connection, from 7 to 9 o'clock, within 8 inch: NO	00:08:41	3394, b	M 1
	217.30	Tap Factory Active, at 9 o'clock, 4", within 8 inch: NO	00:11:23	3396	
	271.70	Fracture Circumferential, from 12 to 6 o'clock, within 8 inch: YES	00:14:13	3397, b	S 2
	271.70	Fracture Longitudinal, at 3 o'clock, within 8 inch: YES	00:14:32	3399, b	S 3
	299.00	General Observation, within 8 inch: NO, Remarks: JOINT LENGTH 5'	00:15:46	3401	
	303.90 F2	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, End	00:16:06	3402	M 1
	313.70	Joint Offset Medium, within 8 inch: YES	00:16:41	3403, b	S 1
	313.70	Roots Fine Joint, from 3 to 6 o'clock, within 8 inch: YES	00:16:56	3405, b	M 1
	315.20	Tap Factory Active, at 9 o'clock, 4", within 8 inch: NO	00:17:44	3407	
	315.20	Roots Tap Connection, from 7 to 9 o'clock, 20 %, within 8 inch: NO	00:18:04	3408, b	M 2
	321.00	Deposits Settled Compacted, from 4 to 8 o'clock, 20 %, within 8 inch: NO	00:19:28	3410, b	M 3
	321.00	Manhole, within 8 inch: NO, Remarks: 1546-0056	00:19:57	3412	





Inspection report

Date: 20100215	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1129	PSR: 72031
Total Pipe Length: 350.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 02/15/2010	Pre-Cleaned: Jetting	Map Grid #: 1599

Street: EASEMENT	Flow Control: Not Controlled	Start MH: 1599-0110
City: RPV	Year Renewed	End MH: 1599-0109
Location Code: Easement/Right of Way	Tape/Media #: G312-003	pipe length: 352.3 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length: 3.0
Drain. Area: 0109/1599-0110/1599	Lining Method:
	Category:

Remark::

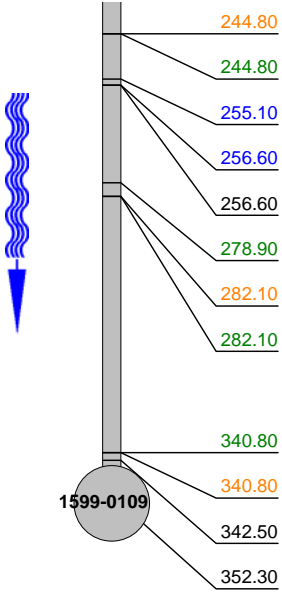
1:528	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1599-0110	00:00:40	797	
	0.00	Water Level, 10 %, within 8 inch: NO	00:00:50	798	
	5.00	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	00:01:25	799, b	M 1
	15.30	Crack Circumferential, from 1 to 3 o'clock, within 8 inch: YES	00:02:29	801, b	S 1
	16.90	Roots Tap Barrel, from 6 to 8 o'clock, 15 %, within 8 inch: NO	00:03:00	803, b	M 3
	101.20	Crack Circumferential, from 3 to 9 o'clock, within 8 inch: YES	00:05:31	805, b	S 1
	101.20	Crack Longitudinal, at 10 o'clock, within 8 inch: YES	00:05:45	807, b	S 2
	101.20	Roots Fine Joint, from 8 to 9 o'clock, within 8 inch: YES	00:05:54	809, b	M 1
	125.60	Crack Circumferential, from 6 to 8 o'clock, within 8 inch: YES	00:07:06	811, b	S 1
	128.80	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	00:07:41	813, b	M 1
	152.80	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	00:08:58	815, b	M 1
	152.80	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	00:9:10	817, b	S 3
	152.80	General Observation, within 8 inch: NO, Remarks: JOINT LENGTH 3'	00:09:35	819	
	201.00	Crack Longitudinal, at 1 o'clock, within 8 inch: YES	00:11:11	820, b	S 2
	201.00	Fracture Circumferential, from 6 to 9 o'clock, within 8 inch: YES	00:11:23	822, b	S 2
	205.60	Tap Break-in Active, at 10 o'clock, 4", within 8 inch: NO	00:11:58	824	
	211.30	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	00:12:32	825, b	S 3
	226.20	Tap Factory Capped, at 9 o'clock, 6", within 8 inch: NO	00:13:24	827	
	229.60 S1	Water Level Sag, 25 %, within 8 inch: NO, Start	00:13:41	828, b	M 2
	231.00	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	00:14:15	830, b	S 3



Inspection report

Date: 20100215	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1129	PSR: 72031
Total Pipe Length: 350.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 02/15/2010	Pre-Cleaned: Jetting	Map Grid #: 1599

1:528	position	observation	MPEG	photo	grade
	<u>244.80</u>	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	00:15:12	832, b	S 3
	<u>244.80</u> S2	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, Start	00:15:27	834, b	M 1
	<u>255.10</u>	Fracture Circumferential, from 3 to 6 o'clock, within 8 inch: YES	00:16:30	836, b	S 2
	<u>256.60</u> F1	Water Level Sag, 25 %, within 8 inch: NO, End	00:16:51	838	M 2
	<u>256.60</u>	Water Level, 15 %, within 8 inch: NO	00:17:01	839	
	<u>278.90</u> F2	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, End	00:17:38	840	M 1
	<u>282.10</u> S4	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES, Start	00:18:07	841, b	S 3
	<u>282.10</u> S3	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, Start	00:18:16	843, b	M 1
	<u>340.80</u> F3	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, End	00:21:13	845	M 1
	<u>340.80</u> F4	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES, End	00:21:27	846	S 3
	<u>342.50</u>	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:21:48	847	
	<u>352.30</u>	Manhole, within 8 inch: NO, Remarks: 1599-0109, BURIED DMH	00:23:13	848	





Inspection report

Date: 20100224	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1226	PSR: 76022
Total Pipe Length: 300.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 02/23/2010	Pre-Cleaned: Jetting	Map Grid #: 1545

Street: EASEMENT	Flow Control: Not Controlled	Start MH: 1545-0425
City: RPV	Year Renewed:	End MH: 1545-0424
Location Code: Easement/Right of Way	Tape/Media #: G312-010	pipe length: 301.3 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length: 3.0
Drain. Area: 0424/1545-0425/1545	Lining Method:
	Category:

Remark::

1:675	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1545-0425	00:00:47	2598	
	6.00 S1	Water Level Sag, 25 %, within 8 inch: NO, Start	00:2:10	2599, b	M 2
	19.90	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:03:18	2601	
	19.90	Roots Medium Connection, from 6 to 9 o'clock, 25 %, within 8 inch: NO	00:03:32	2602, b	M 3
	57.80 F1	Water Level Sag, 25 %, within 8 inch: NO, End	00:05:30	2604	M 2
	57.80 S2	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, Start	00:05:55	2605, b	M 1
	74.90	Tap Factory Capped, at 12 o'clock, 6", within 8 inch: NO	00:07:14	2607	
	147.90 S3	Water Level Sag, 25 %, within 8 inch: NO, Start	00:10:20	2608, b	M 2
	159.70 F3	Water Level Sag, 25 %, within 8 inch: NO, End	00:11:19	2610	M 2
	159.70	Water Level, 10 %, within 8 inch: NO	00:11:30	2611	
	179.00	Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	00:12:42	2612	
	281.80	Tap Factory Capped, at 12 o'clock, 6", within 8 inch: NO	00:17:02	2613	
	300.60	Crack Multiple, from 7 to 5 o'clock, within 8 inch: NO	00:19:20	2614, b	S 3
	300.60	Broken, from 7 to 11 o'clock, within 8 inch: NO	00:20:05	2616, b	S 5
	301.30 F2	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, End	00:22:03	2618	M 1
	301.30	Manhole, within 8 inch: NO, Remarks: 1545-0424	00:22:17	2619	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
5131	312B	8	96	104	4	1.23	1.3



Inspection report

Date: 20100225	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1247	PSR: 75324
Total Pipe Length: 312.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 02/24/2010	Pre-Cleaned: Heavy Cleaning	Map Grid #: 1546

Street: CARTIER DR	Flow Control: Not Controlled	Start MH: 1546-0080
City: RPV	Year Renewed:	End MH: 1546-0079
Location Code: Light Highway	Tape/Media #: G312-011	pipe length: 154.2 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 10"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length: 5.0
Drain. Area: 0079/1546-0080/1546	Lining Method:
	Category:

Remark::

1:350	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1546-0080	00:00:33	2950	
	6.00	Water Level, 15 %, within 8 inch: NO	00:01:14	2951	
	25.10	Water Mark, 20 %, within 8 inch: NO	00:01:56	2952	
	81.90 S1	Water Level Sag, 25 %, within 8 inch: NO, Start	00:03:32	2953, b	M 2
	138.10 S2	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, Start	00:05:39	2955, b	M 1
	154.20	Obstacle Rocks, from 4 to 7 o'clock, 20 %, within 8 inch: NO	00:06:50	2957, b	M 3
	154.20	Deposits Ingressed Fine, from 8 to 4 o'clock, 10 %, within 8 inch: NO, Remarks: SILT	00:07:27	2959, b	M 2
	154.20 F1	Water Level Sag, 25 %, within 8 inch: NO, End	00:09:40	2961	M 2
	154.20 F2	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, End	00:09:50	2962	M 1
	154.20	Abandoned Survey, within 8 inch: NO, Remarks: CAMERA BLOCKED BY ROCKS,	00:10:39	2963	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	312C	0	45	45	0	1.88	1.88



Inspection report

Date: 20100219	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1174	PSR: 76019
Total Pipe Length: 347.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 02/18/2010	Pre-Cleaned: Jetting	Map Grid #: 1545

Street: EASEMENT	Flow Control: Not Controlled	Start MH: 1545-0422
City: RPV	Year Renewed:	End MH: 1545-0421
Location Code: Easement/Right of Way	Tape/Media #: G312-007	pipe length: 278 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Polyethylene Pipe Length: 13.0
Drain. Area: 0421/1545-0422/1545	Lining Method:
	Category:

Remark::

1:625	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1545-0422	00:00:38	1834	
	6.00	Water Level, 10 %, within 8 inch: NO	00:01:31	1835	
	93.90	S1 Alignment Left, 10 %, within 8 inch: NO, Start	00:04:17	1836, b	M 1
	93.90	S2 Water Level Sag, 25 %, within 8 inch: NO, Start	00:04:31	1838, b	M 2
	127.90	F1 Alignment Left, 10 %, within 8 inch: NO, End	00:05:50	1840	M 1
	178.90	F2 Water Level Sag, 25 %, within 8 inch: NO, End	00:07:38	1841	M 2
	178.90	Water Level, 10 %, within 8 inch: NO	00:07:48	1842	
	195.00	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:08:38	1843	
	197.80	S3 Water Level Sag, 25 %, within 8 inch: NO, Start	00:08:58	1844, b	M 2
	212.80	F3 Water Level Sag, 25 %, within 8 inch: NO, End	00:09:53	1846	M 2
	212.80	Water Level, 10 %, within 8 inch: NO	00:10:08	1847	
	256.00	General Observation, within 8 inch: NO, Remarks: JOINT LENGTH 13'	00:12:26	1848	
	268.20	Water Level, 15 %, within 8 inch: NO	00:12:57	1849	
	275.50	Water Level, 10 %, within 8 inch: NO	00:13:24	1850	
	278.00	Deposits Settled Compacted, from 4 to 8 o'clock, 20 %, within 8 inch: NO, Remarks: ASPHALT IN CHANNEL	00:14:17	1851, b	M 3
	278.00	Manhole, within 8 inch: NO, Remarks: 1545-0421	00:15:24	1853	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	312D	0	61	61	0	1.79	1.79



Inspection report

Date: 20100224	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1223	PSR: 76024
Total Pipe Length: 336.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 02/23/2010	Pre-Cleaned: Jetting	Map Grid #: 1545

Street: EASEMENT	Flow Control: Not Controlled	Start MH: 1545-0426
City: RPV	Year Renewed:	End MH: 1545-0425
Location Code: Easement/Right of Way	Tape/Media #: G312-010	pipe length: 272.2 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length: 3.0
Drain. Area: 0425/1545-0426/1545	Lining Method:
	Category:

Remark::

1:625	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1545-0426	00:00:36	2556	
	6.00 S1	Water Level Sag, 25 %, within 8 inch: NO, Start	00:02:23	2557, b	M 2
	45.70 S2	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, Start	00:04:41	2559, b	M 1
	56.40 F1	Water Level Sag, 25 %, within 8 inch: NO, End	00:05:34	2561	M 2
	57.80	Tap Factory Capped, at 9 o'clock, 6", within 8 inch: NO	00:06:09	2562	
	88.50 S3	Water Level Sag, 25 %, within 8 inch: NO, Start	00:07:40	2563, b	M 2
	107.80 F3	Water Level Sag, 25 %, within 8 inch: NO, End	00:08:40	2565	M 2
	109.10	Tap Factory Capped, at 9 o'clock, 6", within 8 inch: NO	00:08:55	2566	
	151.20 S4	Water Level Sag, 25 %, within 8 inch: NO, Start	00:10:38	2567, b	M 2
	160.60	Tap Factory Capped, at 9 o'clock, 6", within 8 inch: NO	00:11:29	2569	
	172.10 F4	Water Level Sag, 25 %, within 8 inch: NO, End	00:12:05	2570	M 2
	172.10	Water Level, 15 %, within 8 inch: NO	00:12:30	2571	
	201.10 S5	Water Level Sag, 25 %, within 8 inch: NO, Start	00:13:38	2572, b	M 2
	215.50	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:15:02	2574	
	240.40 F5	Water Level Sag, 25 %, within 8 inch: NO, End	00:18:12	2575	M 2
	240.40	Water Level, 15 %, within 8 inch: NO	00:18:32	2576	
	261.60	Obstacle Rocks, from 5 to 7 o'clock, 20 %, within 8 inch: NO	00:37:13	2577, b	M 3
	263.20	Tap Factory Capped, at 9 o'clock, 6", within 8 inch: NO	00:24:03	2579	
	272.20 F2	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, End	00:44:27	2580	M 1
	272.20	Abandoned Survey, within 8 inch: NO, Remarks: CAMERA BLOCKED BY ROCK	00:44:45	2581	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	312F	0	126	126	0	1.38	1.38



Inspection report

Date: 20100409	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1686	PSR: 69391
Total Pipe Length: 170.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 04/08/2010	Pre-Cleaned: Jetting	Map Grid #: 1654

Street: EASEMENT	Flow Control: Not Controlled	Start MH: 1654-0334
City: RPV	Year Renewed:	End MH: 1654-0335
Location Code: Easement/Right of Way	Tape/Media #: G312-040	pipe length: 169.2 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0334/1654-0335/1654	Lining Method:
	Category:

Remark::

1:400	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1654-0334	00:00:34	10586	
	5.00	Water Level, 5 %, within 8 inch: NO	00:00:59	10587	
	24.90	Joint Offset Medium, within 8 inch: YES	00:01:41	10588, b	S 1
	54.70	Tap Factory Active, at 12 o'clock, 6", within 8 inch: NO	00:02:48	10590	
	65.10	Obstacle Construction Debris, from 4 to 8 o'clock, 15 %, within 8 inch: NO, Remarks: CEMENT	00:03:28	10591, b	M 3
	69.50	Obstacle Construction Debris, from 4 to 6 o'clock, 15 %, within 8 inch: NO, Remarks: CEMENT	00:06:23	10593, b	M 3
	146.90	Joint Offset Medium, within 8 inch: YES	00:08:35	10595, b	S 1
	164.90	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:09:24	10597	
	169.20	Manhole, within 8 inch: NO, Remarks: 1654-0335	00:09:52	10598	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
1200	3200	2	6	8	1	3	2



Inspection report

Date: 20100323	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1477	PSR: 69408
Total Pipe Length: 146.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/23/2010	Pre-Cleaned: Jetting	Map Grid #: 1654

Street: SANTA LUNA DR	Flow Control: Not Controlled	Start MH: 1654-0349
City: RPV	Year Renewed:	End MH: 1654-0355
Location Code: Light Highway	Tape/Media #: G312-028	pipe length: 141.5 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length: 5.0
Drain. Area: 0349/1654-0355/1654	Lining Method:
	Category:

Remark::

1:325	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1654-0349	00:00:40	7508	
	0.00	Obstacle Construction Debris, from 6 to 9 o'clock, 15 %, within 8 inch: NO	00:01:11	7509, b	M 3
	1.00 S1	Obstacle Construction Debris, from 5 to 7 o'clock, 15 %, within 8 inch: NO, Start	00:02:31	7511, b	M 3
	4.00 F1	Obstacle Construction Debris, from 5 to 7 o'clock, 15 %, within 8 inch: NO, End	00:03:08	7513	M 3
	5.00	Water Level, 10 %, within 8 inch: NO	00:03:34	7514	
	5.60	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:03:48	7515	
	9.30	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:04:11	7516	
	44.10	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:05:09	7517	
	78.20	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:6:10	7518	
	119.20	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:07:13	7519	
	141.50	Manhole, within 8 inch: NO, Remarks: 1654-0355	00:08:51	7520	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	3200	0	6	6	0	3	3



Inspection report

Date: 20100215	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1131	PSR: 72027
Total Pipe Length: 128.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 02/15/2010	Pre-Cleaned: Jetting	Map Grid #: 1599

Street: EASEMENT	Flow Control: Not Controlled	Start MH: 1599-0105
City: RPV	Year Renewed:	End MH: 1599-0106
Location Code: Easement/Right of Way	Tape/Media #: G312-003	pipe length: 126.5 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length: 3.0
Drain. Area: 0105/1599-0106/1599	Lining Method:
	Category:

Remark::

1:300	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1599-0105	00:00:33	867	
	1.50	Deposits Ingressed Fine, from 5 to 7 o'clock, 20 %, within 8 inch: NO, Remarks: SILT	00:01:40	868, b	M 3
	4.00	Obstacle Rocks, from 5 to 7 o'clock, 15 %, within 8 inch: NO	00:02:33	870, b	M 3
	5.00	Water Level, 15 %, within 8 inch: NO	00:04:49	872	
	91.00	Crack Multiple, from 10 to 5 o'clock, within 8 inch: YES	00:08:22	873, b	S 3
	105.40	General Observation, within 8 inch: NO, Remarks: JOINT LENGTH 3'	00:09:23	875	
	126.50	Surface Aggregate Visible Unknown, from 4 to 8 o'clock, within 8 inch: NO	00:11:06	876, b	S 3
	126.50	Manhole, within 8 inch: NO, Remarks: 1599-0106	00:11:47	878	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
3200	3200	6	6	12	3	3	3



Inspection report

Date: 20100331	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Martin Garcia	section number: 953	PSR: 69608
Total Pipe Length: 162.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/29/2010	Pre-Cleaned: Jetting	Map Grid #: 1654

Street: HIGHPOINT RD	Flow Control: Not Controlled	Start MH: 1654-0208
City: RPV	Year Renewed:	End MH: 1654-0547
Location Code: Light Highway	Tape/Media #: M315-005	pipe length: 103.6 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0208/1654-0547/1654	Lining Method:
	Category:

Remark::

1:250	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1654-0208	00:00:29	3002	
	1.30	Water Level, 10 %, within 8 inch: NO	00:00:39	3003	
	94.90	S1 Water Level Sag, 40 %, within 8 inch: NO, Start	00:07:40	3004	M 3
	103.60	F1 Water Level Sag, 40 %, within 8 inch: NO, End	00:08:25	3005	M 3
	103.60	Manhole, within 8 inch: NO, Remarks: 1654-0547	00:08:39	3006	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	3200	0	6	6	0	3	3



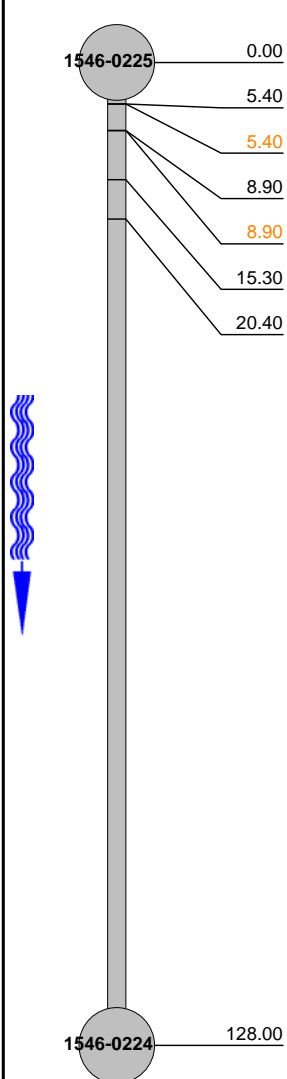
Inspection report

Date: 20100330	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 200	PSR: 75237
Total Pipe Length: 117.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/26/2010	Pre-Cleaned: Jetting	Map Grid #: 1546

Street: SEACOVE DR	Flow Control: Not Controlled	Start MH: 1546-0225
City: RPV	Year Renewed:	End MH: 1546-0224
Location Code: Light Highway	Tape/Media #: R311-037	pipe length: 128 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0224/1546-0225/1546	Lining Method:
	Category:

Remark::

1:300	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1546-0225	00:00:21	3630	
	5.40	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:01:34	3631	
	5.40	Roots Medium Lateral, at 9 o'clock, 45 %, within 8 inch: NO	00:01:51	3632, b	M 3
	8.90	Tap Factory Abandoned, at 9 o'clock, 6", within 8 inch: NO	00:02:34	3634	
	8.90	Roots Medium Connection, at 9 o'clock, 30 %, within 8 inch: NO	00:02:49	3635, b	M 3
	15.30	Water Level, 5 %, within 8 inch: NO	00:03:23	3637	
	20.40	General Observation, within 8 inch: NO, Remarks: Pipe Joint Length 5'	00:03:47	3638	
	128.00	Manhole, within 8 inch: NO, Remarks: 1546-0224	00:06:40	3639	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	3200	0	6	6	0	3	3



Inspection report

Date: 20100310	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 877	PSR: 71985
Total Pipe Length: 352.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/07/2010	Pre-Cleaned: Jetting	Map Grid #: 1600

Street: DAUNTLESS DR	Flow Control: Not Controlled	Start MH: 1600-0019
City: RPV	Year Renewed	End MH: 1600-0018
Location Code: Light Highway	Tape/Media #: R315-023	pipe length: 234.7 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0018/1600-0019/1600	Lining Method:
	Category:

Remark::

1:525	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1600-0019	00:00:36	1826	
	6.00	Water Level, 5 %, within 8 inch: NO	00:01:11	1827	
	9.40	General Observation, within 8 inch: NO, Remarks: Pipe Joint Length 3'	00:01:38	1828	
	81.60	Roots Fine Joint, from 9 to 12 o'clock, within 8 inch: YES	00:03:56	1829, b	M 1
	83.20	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:04:27	1831	
	83.20	Roots Medium Connection, at 9 o'clock, 40 %, within 8 inch: NO	00:04:52	1832, b	M 3
	111.90	Crack Circumferential, from 9 to 12 o'clock, within 8 inch: YES	00:06:44	1834, b	S 1
	115.50	Crack Circumferential, from 3 to 8 o'clock, within 8 inch: YES	00:07:29	1836, b	S 1
	119.00	Crack Multiple, from 2 to 11 o'clock, within 8 inch: YES	00:08:35	1838, b	S 3
	132.50	Crack Multiple, from 12 to 5 o'clock, within 8 inch: YES	00:10:02	1840, b	S 3
	139.50	Crack Multiple, from 1 to 5 o'clock, within 8 inch: YES	00:11:07	1842, b	S 3
	140.70	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:11:46	1844	
	159.30	Crack Circumferential, from 8 to 10 o'clock, within 8 inch: YES	00:13:19	1845, b	S 1
	216.00	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:15:53	1847	
	216.00	Roots Medium Lateral, at 9 o'clock, 20 %, within 8 inch: NO	00:16:14	1848, b	M 3
	234.70	Manhole, within 8 inch: NO, Remarks: 1600-0018	00:17:45	1850	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
3313	3211	12	7	19	2	2.33	2.11



Inspection report

Date: 20100318	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1426	PSR: 71865
Total Pipe Length: 210.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/17/2010	Pre-Cleaned: Jetting	Map Grid #: 1600

Street: HIGHTIDE DR	Flow Control: Not Controlled	Start MH: 1600-0120
City: RPV	Year Renewed:	End MH: 1600-0121
Location Code: Light Highway	Tape/Media #: G312-025	pipe length: 218.8 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length: 5.0
Drain. Area: 0120/1600-0121/1600	Lining Method:
	Category:

Remark::

1:500	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1600-0120	00:00:50	6660	
	0.00	Water Level, 10 %, within 8 inch: NO	00:01:03	6661	
	3.40	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:01:25	6662	
	3.40	Roots Medium Connection, from 6 to 9 o'clock, 25 %, within 8 inch: NO	00:01:43	6663, b	M 3
	82.60	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:04:35	6665	
	82.60	Roots Medium Lateral, at 9 o'clock, 25 %, within 8 inch: NO	00:04:48	6666, b	M 3
	161.50	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:07:36	6668	
	211.10	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	00:09:21	6669, b	M 1
	216.00	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	00:10:19	6671, b	M 1
	216.00	Joint Offset Medium, within 8 inch: YES	00:10:29	6673, b	S 1
218.80	Manhole, within 8 inch: NO, Remarks: 1600-0121	00:11:55	6675		

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
1100	3212	1	8	9	1	2	1.8



Inspection report

Date: 20100409	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 317	PSR: 71844
Total Pipe Length: 272.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 04/05/2010	Pre-Cleaned: Jetting	Map Grid #: 1601

Street: PALOS VERDES DR	Flow Control: Not Controlled	Start MH: 1601-0033
City: RPV	Year Renewed	End MH: 1601-0032
Location Code: Light Highway	Tape/Media #: R311-045	pipe length: 325.9 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0032/1601-0033/1601	Lining Method:
	Category:

Remark::

1:750	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1601-0033	00:00:26	5125	
	10.90	Water Level, 5 %, within 8 inch: NO	00:01:04	5126	
	14.30	General Observation, within 8 inch: NO, Remarks: Pipe Joint Length 3'	00:01:27	5127	
	286.40	Crack Circumferential, from 2 to 5 o'clock, within 8 inch: YES	00:09:52	5128, b	S 1
	286.40	Roots Fine Joint, from 3 to 4 o'clock, within 8 inch: YES	00:10:06	5130, b	M 1
	289.60	Roots Medium Joint, from 8 to 10 o'clock, 20 %, within 8 inch: YES	00:10:50	5132, b	M 3
	303.80	Roots Fine Joint, from 11 to 1 o'clock, within 8 inch: YES	00:11:53	5134, b	M 1
	322.90	Roots Medium Joint, from 1 to 3 o'clock, 25 %, within 8 inch: YES	00:13:03	5136, b	M 3
	325.90	Manhole, within 8 inch: NO, Remarks: 1601-0032	00:14:20	5138	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
1100	3212	1	8	9	1	2	1.8



Inspection report

Date: 20100315	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1394	PSR: 71912
Total Pipe Length: 236.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/12/2010	Pre-Cleaned: Jetting	Map Grid #: 1600

Street: DELUNA DR	Flow Control: Not Controlled	Start MH: 1600-0058
City: RPV	Year Renewed:	End MH: 1600-0059
Location Code: Light Highway	Tape/Media #: G312-023	pipe length: 142.3 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length: 5.0
Drain. Area: 0058/1600-0059/1600	Lining Method:
	Category:

Remark::

1:325	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1600-0058	00:00:41	5860	
	5.00	Water Level, 10 %, within 8 inch: NO	00:01:16	5861	
	5.70	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:01:31	5862	
	35.20	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:02:25	5863	
	35.20	Roots Medium Lateral, at 3 o'clock, 30 %, within 8 inch: NO	00:02:49	5864	M 3
	35.20	Roots Fine Connection, from 3 to 6 o'clock, within 8 inch: NO	00:03:39	5865, b	M 1
	71.90	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:04:56	5867	
	90.00	Crack Multiple, from 3 to 9 o'clock, within 8 inch: YES	00:05:59	5868, b	S 3
	113.90	Crack Multiple, from 3 to 7 o'clock, within 8 inch: YES	00:07:36	5870, b	S 3
	113.90	Roots Fine Joint, from 8 to 10 o'clock, within 8 inch: YES	00:07:50	5872, b	M 1
	120.80	Roots Fine Joint, at 9 o'clock, within 8 inch: YES	00:08:24	5874, b	M 1
	125.40	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:08:54	5876	
	125.40	Roots Fine Lateral, at 3 o'clock, within 8 inch: NO	00:09:09	5877, b	M 1
	138.90	Roots Medium Joint, from 2 to 5 o'clock, 25 %, within 8 inch: YES, Start	00:10:11	5879, b	M 3
	142.30	Roots Medium Joint, from 2 to 5 o'clock, 25 %, within 8 inch: YES, End	00:11:04	5881	M 3
	142.30	Manhole, within 8 inch: NO, Remarks: 1600-0059	00:11:41	5882	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
3200	3214	6	10	16	3	1.67	2



Inspection report

Date: 20100402	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 246	PSR: 69264
Total Pipe Length: 249.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/31/2010	Pre-Cleaned: Jetting	Map Grid #: 1654

Street: EASEMENT	Flow Control: Not Controlled	Start MH: 1654-0559
City: RPV	Year Renewed	End MH: 1654-0558
Location Code: Easement/Right of Way	Tape/Media #: R311-040	pipe length: 258.9 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0558/1654-0559/1654	Lining Method:
	Category:

Remark::

1:600	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1654-0559	00:00:20	4361	
	8.00	Water Level, 5 %, within 8 inch: NO	00:01:23	4362	
	11.20	General Observation, within 8 inch: NO, Remarks: Pipe Joint Length 3'	00:01:48	4363	
	124.70	Tap Break-in Active, at 2 o'clock, 4", within 8 inch: NO	00:04:56	4364	
	124.70	Roots Fine Lateral, at 2 o'clock, within 8 inch: NO	00:05:09	4365, b	M 1
	124.70	Roots Fine Connection, at 2 o'clock, within 8 inch: NO	00:05:41	4367, b	M 1
	157.90	Roots Fine Joint, from 10 to 2 o'clock, within 8 inch: YES	00:06:55	4369, b	M 1
	172.90	Crack Circumferential, from 8 to 10 o'clock, within 8 inch: YES	00:08:10	4371, b	S 1
	172.90	Crack Longitudinal, at 2 o'clock, within 8 inch: YES	00:08:47	4373, b	S 2
	172.90	Roots Fine Joint, at 2 o'clock, within 8 inch: YES	00:09:03	4375, b	M 1
	176.40	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	00:09:57	4377, b	M 1
	193.30	Crack Circumferential, from 7 to 10 o'clock, within 8 inch: YES	00:11:22	4379, b	S 1
	193.30	Crack Circumferential, from 2 to 5 o'clock, within 8 inch: YES	00:11:48	4381, b	S 1
	193.30	Roots Fine Joint, from 7 to 9 o'clock, within 8 inch: YES	00:12:06	4383, b	M 1
	211.80	Tap Factory Capped, at 9 o'clock, 4", within 8 inch: NO	00:13:29	4385	
214.50	Tap Factory Capped, at 3 o'clock, 4", within 8 inch: NO	00:14:04	4386		
214.50	Roots Medium Lateral, at 3 o'clock, 25 %, within 8 inch: NO	00:14:28	4387, b	M 3	
214.50	Roots Medium Connection, at 3 o'clock, 25 %, within 8 inch: NO	00:15:11	4389, b	M 3	
258.90	Manhole, within 8 inch: NO, Remarks: 1654-0558	00:17:58	4391		

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
2113	3216	5	12	17	1.25	1.5	1.42



Inspection report

Date: 20100215	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1133	PSR: 72029
Total Pipe Length: 350.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 02/15/2010	Pre-Cleaned: Jetting	Map Grid #: 1599

Street: EASEMENT	Flow Control: Not Controlled	Start MH: 1599-0107
City: RPV	Year Renewed	End MH: 1599-0108
Location Code: Easement/Right of Way	Tape/Media #: G312-003	pipe length: 159 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length: 3.0
Drain. Area: 0107/1599-0108/1599	Lining Method:
	Category:

Remark::

1:375	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1599-0107, UNABLE TO LOCA	00:01:02	918	
	0.00	Water Level, 10 %, within 8 inch: NO	00:01:15	919	
	3.30	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	00:01:53	920, b	M 1
	44.00	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES, Start	00:03:31	922, b	S 3
	57.90	Roots Fine Joint, at 11 o'clock, within 8 inch: YES	00:04:32	924, b	M 1
	80.00	Tap Break-in Active, at 12 o'clock, 4", within 8 inch: NO	00:06:00	926	
	80.00	Crack Longitudinal, at 12 o'clock, within 8 inch: YES	00:06:18	927, b	S 2
	82.40	Tap Factory Capped, at 2 o'clock, 4", within 8 inch: NO	00:06:55	929	
	121.30	Roots Medium Joint, from 7 to 9 o'clock, 25 %, within 8 inch: YES	00:08:29	930, b	M 3
	128.50	Roots Fine Joint, from 2 to 5 o'clock, within 8 inch: YES, Start	00:09:16	932, b	M 1
	152.50	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES, End	00:10:27	934	S 3
	158.80	Roots Fine Joint, from 2 to 5 o'clock, within 8 inch: YES, End	00:11:06	935	M 1
	158.80	Roots Medium Joint, from 4 to 10 o'clock, 35 %, within 8 inch: YES	00:11:38	936, b	M 3
	159.00	Abandoned Survey, within 8 inch: NO, Remarks: CAMERA BLOCKED BY MEDIUM	00:13:16	938	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
3E21	321A	83	16	99	2.96	1.33	2.48



Inspection report

Date: 20100412	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 327	PSR: 75404
Total Pipe Length: 154.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 04/09/2010	Pre-Cleaned: Jetting	Map Grid #: 1546

Street: EASEMENT	Flow Control: Not Controlled	Start MH: 1546-0059
City: RPV	Year Renewed	End MH: 1546-0044
Location Code: Easement/Right of Way	Tape/Media #: R311-046	pipe length: 158.8 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0044/1546-0059/1546	Lining Method:
	Category:

Remark::

1:375	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1546-0059	00:00:33	5300	
	2.00	Roots Fine Joint, from 1 to 4 o'clock, within 8 inch: YES	00:01:19	5301, b	M 1
	6.00	Water Level, 5 %, within 8 inch: NO	00:02:39	5303	
	14.10	General Observation, within 8 inch: NO, Remarks: Pipe Joint Length 5'	00:03:32	5304	
	28.50 S1	Roots Fine Joint, from 3 to 9 o'clock, within 8 inch: YES, Start	00:04:23	5305, b	M 1
	33.50 F1	Roots Fine Joint, from 3 to 9 o'clock, within 8 inch: YES, End	00:05:01	5307, b	M 1
	59.00	Roots Fine Joint, from 9 to 3 o'clock, within 8 inch: YES	00:06:38	5309, b	M 1
	69.80	Roots Fine Joint, from 8 to 4 o'clock, within 8 inch: YES	00:07:34	5311, b	M 1
	74.10	Roots Fine Joint, from 1 to 4 o'clock, within 8 inch: YES	00:08:23	5313, b	M 1
	83.80	Roots Medium Joint, from 8 to 1 o'clock, 35 %, within 8 inch: YES	00:09:23	5315, b	M 3
	89.50	Roots Fine Joint, from 8 to 11 o'clock, within 8 inch: YES	00:11:11	5317, b	M 1
	94.70	Roots Medium Joint, from 8 to 1 o'clock, 20 %, within 8 inch: YES	00:12:04	5319, b	M 3
	105.60 S2	Roots Fine Joint, from 9 to 11 o'clock, within 8 inch: YES, Start	00:12:56	5321, b	M 1
	115.60 F2	Roots Fine Joint, from 9 to 11 o'clock, within 8 inch: YES, End	00:13:42	5323, b	M 1
	119.80	Broken, from 5 to 7 o'clock, within 8 inch: YES	00:14:38	5325, b	S 4
	121.80	Tap Factory Active, at 10 o'clock, 4", within 8 inch: NO	00:15:27	5327	
	124.80	Tap Factory Active, at 2 o'clock, 4", within 8 inch: NO	00:16:10	5328	
	131.10 S3	Roots Fine Joint, from 2 to 10 o'clock, within 8 inch: YES, Start	00:17:00	5329, b	M 1
	146.20 F3	Roots Fine Joint, from 2 to 10 o'clock, within 8 inch: YES, End	00:18:11	5331, b	M 1
	156.70	Roots Fine Joint, from 4 to 8 o'clock, within 8 inch: YES	00:19:03	5333, b	M 1
	158.80	Manhole, within 8 inch: NO, Remarks: 1546-0044	00:20:11	5335	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
4100	321A	4	19	23	4	1.27	1.44



Inspection report

Date: 20100311	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1356	PSR: 71729
Total Pipe Length: 106.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/10/2010	Pre-Cleaned: Jetting	Map Grid #: 1601

Street: STALWART DR	Flow Control: Not Controlled	Start MH: 1601-0142
City: RPV	Year Renewed:	End MH: 1601-0141
Location Code: Light Highway	Tape/Media #: G312-021	pipe length: 94.9 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length: 3.0
Drain. Area: 0141/1601-0142/1601	Lining Method:
	Category:

Remark::

1:225	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1601-0142	00:00:52	5100	
	3.00	Joint Offset Medium, within 8 inch: YES	00:02:07	5101, b	S 1
	3.00	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	00:02:16	5103, b	S 3
	5.00	Water Level, 10 %, within 8 inch: NO	00:02:56	5105	
	6.20 S2	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES, Start	00:03:21	5106, b	S 3
	9.80 S1	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, Start	00:04:03	5108, b	M 1
	34.00	Roots Medium Joint, from 7 to 10 o'clock, 30 %, within 8 inch: YES	00:05:22	5110, b	M 3
	52.90	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:06:18	5112	
	52.90	Roots Fine Lateral, at 9 o'clock, within 8 inch: NO	00:06:30	5113, b	M 1
	66.00	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:07:17	5115	
	66.00	Roots Medium Connection, from 3 to 5 o'clock, 25 %, within 8 inch: NO	00:07:35	5116, b	M 3
	88.90	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:08:25	5118	
	90.80 F1	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, End	00:08:54	5119	M 1
	90.80 F2	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES, End	00:09:08	5120	S 3
	94.90	Manhole, within 8 inch: NO, Remarks: 1601-0141	00:09:50	5121	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
3C11	321C	67	27	94	2.91	1.17	2.04



Inspection report

Date: 20100223	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1214	PSR: 75318
Total Pipe Length: 186.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 02/22/2010	Pre-Cleaned: Jetting	Map Grid #: 1546

Street: CARTIER DR	Flow Control: Not Controlled	Start MH: 1546-0076
City: RPV	Year Renewed:	End MH: 1546-0075
Location Code: Light Highway	Tape/Media #: G312-009	pipe length: 193.7 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length: 3.0
Drain. Area: 0075/1546-0076/1546	Lining Method:
	Category:

Remark::

1:450	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1546-0076	00:01:25	2421	
	5.00	Water Level, 15 %, within 8 inch: NO	00:02:20	2422	
	37.00	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:03:16	2423	
	62.50	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	00:04:11	2424, b	M 1
	72.90 S1	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, Start	00:05:01	2426, b	M 1
	135.10 F1	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, End	00:06:30	2428	M 1
	148.70	Roots Fine Joint, from 1 to 5 o'clock, within 8 inch: YES	00:07:13	2429, b	M 1
	153.60	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:07:45	2431	
	161.80 S2	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, Start	00:08:20	2432, b	M 1
	161.80	General Observation, within 8 inch: NO, Remarks: joint length 3'	00:08:45	2434	
	186.80 S3	Water Level Sag, 35 %, within 8 inch: NO, Start	00:09:30	2435, b	M 3
	193.60 F2	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, End	00:10:31	2437	M 1
	193.60 F3	Water Level Sag, 35 %, within 8 inch: NO, End	00:10:43	2438	M 3
	193.60	Water Level, 15 %, within 8 inch: NO	00:10:55	2439	
	193.70	Manhole, within 8 inch: NO, Remarks: 1546-0075	00:11:15	2440	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	321D	0	32	32	0	1.14	1.14



Inspection report

Date: 20100305	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1316	PSR: 75298
Total Pipe Length: 124.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/04/2010	Pre-Cleaned: Jetting	Map Grid #: 1546

Street: EASEMENT	Flow Control: Not Controlled	Start MH: 1546-0172
City: RPV	Year Renewed:	End MH: 1546-0173
Location Code: Easement/Right of Way	Tape/Media #: G312-017	pipe length: 127.3 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length: 5.0
Drain. Area: 0172/1546-0173/1546	Lining Method:
	Category:

Remark::

1:300	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1546-0172	00:00:35	4114	
	0.00	Crack Circumferential, from 3 to 5 o'clock, within 8 inch: YES	00:00:55	4115, b	S 1
	2.00	Roots Medium Joint, from 3 to 10 o'clock, 25 %, within 8 inch: YES	00:01:54	4117, b	M 3
	5.00	Water Level, 5 %, within 8 inch: NO	00:03:26	4119	
	5.00	Roots Medium Joint, from 6 to 10 o'clock, 25 %, within 8 inch: YES	00:03:50	4120, b	M 3
	5.00 S1	Roots Fine Joint, from 3 to 5 o'clock, within 8 inch: YES, Start	00:04:12	4122, b	M 1
	12.80	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:05:17	4125	
	125.80 F1	Roots Fine Joint, from 3 to 5 o'clock, within 8 inch: YES, End	00:08:27	4126	M 1
	127.30	Manhole, within 8 inch: NO, Remarks: 1546-0173	00:09:52	4127	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
1100	321E	1	36	37	1	1.12	1.12



Inspection report

Date: 20100216	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1135	PSR: 75918
Total Pipe Length: 262.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 02/15/2010	Pre-Cleaned: Jetting	Map Grid #: 1545

Street: CRESTWIND DR	Flow Control: Not Controlled	Start MH: 1545-0431
City: RPV	Year Renewed:	End MH: 1545-0430
Location Code: Light Highway	Tape/Media #: G312-004	pipe length: 268.5 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length: 3.0
Drain. Area: 0430/1545-0431/1545	Lining Method:
	Category:

Remark::

1:600	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1545-0431	00:00:36	961	
	0.10 S1	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, Start	00:00:51	962, b	M 1
	4.50	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:01:28	964	
	5.00	Water Level, 10 %, within 8 inch: NO	00:01:57	965	
	15.70 F1	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, End	00:02:19	966	M 1
	26.30	General Observation, within 8 inch: NO, Remarks: JOINT LENGTH 3'	00:03:14	967	
	33.40 S2	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, Start	00:03:44	968, b	M 1
	54.00 F2	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, End	00:04:51	970	M 1
	54.00	Roots Medium Joint, from 6 to 10 o'clock, 30 %, within 8 inch: YES	00:05:11	971, b	M 3
	55.20	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:05:32	973	
	56.70	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	00:05:56	974, b	M 1
	59.40	Roots Medium Joint, from 6 to 10 o'clock, 25 %, within 8 inch: YES	00:06:57	976, b	M 3
	74.60	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:07:41	978	
	75.70	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	00:08:13	979, b	M 1
	89.40	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	00:09:23	981, b	M 1
	89.40	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	00:09:42	983, b	S 3
	99.60	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	00:10:42	985, b	M 1
	123.90 S3	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, Start	00:12:03	987, b	M 1
	166.50	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:13:37	989	
	177.50 F3	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, End	00:13:57	990	M 1
	216.70	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:15:15	991	
	238.30 S4	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, Start	00:16:16	992, b	M 1
	266.50 F4	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, End	00:17:17	994	M 1
	268.50	Manhole, within 8 inch: NO, Remarks: 1545-0430	00:18:29	995	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
3100	321F	3	39	42	3	1.11	1.17



Inspection report

Date: 20100225	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1243	PSR: 75390
Total Pipe Length: 233.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 02/24/2010	Pre-Cleaned: Jetting	Map Grid #: 1546

Street: EASEMENT	Flow Control: Not Controlled	Start MH: 1546-0034
City: RPV	Year Renewed:	End MH: 1546-0032
Location Code: Easement/Right of Way	Tape/Media #: G312-011	pipe length: 233 ft
Reason for inspection: Routine Assessment	Dia/Height: Circular 8"	
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length: 5.0	
Drain. Area: 0032/1546-0034/1546	Lining Method:	
	Category:	

Remark::

1:525	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1546-0034	00:00:38	2881	
	5.00	Water Level, 5 %, within 8 inch: NO	00:01:11	2882	
	12.20	Roots Fine Joint, from 3 to 5 o'clock, within 8 inch: YES	00:01:31	2883, b	M 1
	50.20	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:02:50	2885	
	50.20	Roots Medium Connection, from 3 to 6 o'clock, 25 %, within 8 inch: NO	00:03:13	2886, b	M 3
	51.00	Roots Fine Joint, from 7 to 9 o'clock, within 8 inch: YES	00:03:57	2888, b	M 1
	86.70	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, Start	00:05:23	2890, b	M 1
	229.90	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, End	00:08:53	2892	M 1
	233.00	Obstacle Other, from 5 to 7 o'clock, 15 %, within 8 inch: NO, Remarks: ASPHALT	00:10:29	2893, b	M 3
	233.00	Manhole, within 8 inch: NO, Remarks: 1546-0032	00:11:11	2895	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	321G	0	44	44	0	1.1	1.1



Inspection report

Date: 20100319	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1435	PSR: 71954
Total Pipe Length: 267.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/18/2010	Pre-Cleaned: Jetting	Map Grid #: 1600

Street: COOLHEIGHTS DR	Flow Control: Not Controlled	Start MH: 1600-0099
City: RPV	Year Renewed:	End MH: 1600-0098
Location Code: Light Highway	Tape/Media #: G312-026	pipe length: 202.9 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length: 5.0
Drain. Area: 0098/1600-0099/1600	Lining Method:
	Category:

Remark::

1:475	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1600-0099	00:00:41	6783	
	3.50	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	00:01:15	6784, b	M 1
	4.50	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:01:43	6786	
	4.50	Roots Medium Connection, from 6 to 9 o'clock, 25 %, within 8 inch: NO	00:01:57	6787, b	M 3
	5.00	Water Level, 10 %, within 8 inch: NO	00:02:33	6789	
	6.10	Roots Medium Joint, from 7 to 5 o'clock, 30 %, within 8 inch: YES	00:03:17	6790, b	M 3
	11.80	S1 Roots Fine Joint, from 9 to 3 o'clock, within 8 inch: YES, Start	00:03:59	6792, b	M 1
	31.50	F1 Roots Fine Joint, from 9 to 3 o'clock, within 8 inch: YES, End	00:04:50	6794	M 1
	77.90	S2 Roots Fine Joint, from 7 to 4 o'clock, within 8 inch: YES, Start	00:06:24	6795, b	M 1
	77.90	Joint Offset Medium, within 8 inch: YES	00:06:39	6797, b	S 1
	79.30	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:07:19	6799	
	147.50	S3 Alignment Left, 10 %, within 8 inch: NO, Start	00:09:33	6800, b	M 1
	157.50	F3 Alignment Left, 10 %, within 8 inch: NO, End	00:10:06	6802	M 1
	159.10	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:10:21	6803	
	165.40	Roots Fine Joint, from 8 to 9 o'clock, within 8 inch: YES	00:10:49	6804, b	M 1
	166.70	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:11:45	6806	
	166.70	Roots Fine Connection, from 6 to 9 o'clock, within 8 inch: NO	00:12:08	6807, b	M 1
	200.20	F2 Roots Fine Joint, from 7 to 4 o'clock, within 8 inch: YES, End	00:14:03	6809	M 1
	202.90	Manhole, within 8 inch: NO, Remarks: 1600-0098	00:14:39	6810	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
1100	321H	1	47	48	1	1.09	1.09



Inspection report

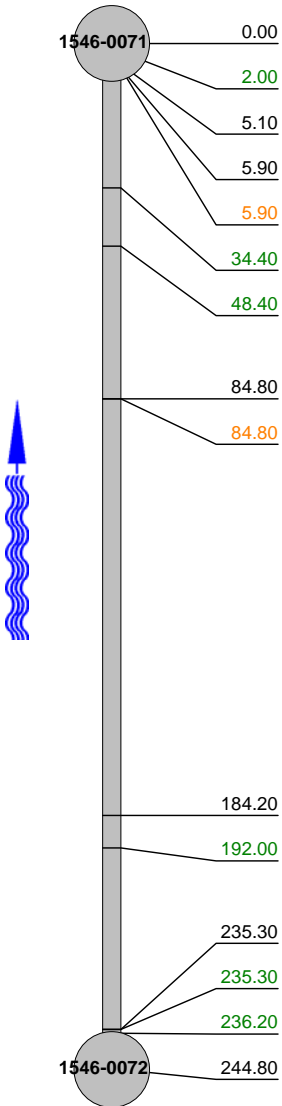
Date: 20100222	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1206	PSR: 75315
Total Pipe Length: 212.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 02/19/2010	Pre-Cleaned: Jetting	Map Grid #: 1546

Street: LAUTREC PL	Flow Control: Not Controlled	Start MH: 1546-0071
City: RPV	Year Renewed:	End MH: 1546-0072
Location Code: Light Highway	Tape/Media #: G312-008	pipe length: 244.8 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length: 5.0
Drain. Area: 0071/1546-0072/1546	Lining Method:
	Category:

Remark::

1:550	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1546-0071	00:00:34	2269	
	2.00 S1	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, Start	00:01:18	2270, b	M 1
	5.10	Water Level, 5 %, within 8 inch: NO	00:01:53	2272	
	5.90	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:02:09	2273	
	5.90	Roots Medium Connection, from 7 to 9 o'clock, 25 %, within 8 inch: NO	00:02:31	2274, b	M 3
	34.40 F1	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, End	00:03:27	2276	M 1
	48.40 S2	Roots Fine Joint, from 3 to 5 o'clock, within 8 inch: YES, Start	00:04:18	2277, b	M 1
	84.80	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:05:32	2279	
	84.80	Roots Medium Lateral, at 9 o'clock, 25 %, within 8 inch: NO	00:05:44	2280, b	M 3
	184.20	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:08:26	2282	
	192.00 F2	Roots Fine Joint, from 3 to 5 o'clock, within 8 inch: YES, End	00:08:45	2283	M 1
	235.30	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:09:50	2284	
	235.30	Roots Fine Lateral, at 9 o'clock, within 8 inch: NO	00:10:05	2285, b	M 1
	236.20	Roots Fine Joint, from 8 to 10 o'clock, within 8 inch: YES	00:10:42	2287, b	M 1
	244.80	Manhole, within 8 inch: NO, Remarks: 1546-0072	00:11:44	2289	



QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	3211	0	52	52	0	1.08	1.08



Inspection report

Date: 20100302	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1281	PSR: 75290
Total Pipe Length: 240.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/01/2010	Pre-Cleaned: Jetting	Map Grid #: 1546

Street: MARNE DR	Flow Control: Not Controlled	Start MH: 1546-0164
City: RPV	Year Renewed:	End MH: 1546-0163
Location Code: Light Highway	Tape/Media #: G312-014	pipe length: 243.5 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length: 5.0
Drain. Area: 0163/1546-0164/1546	Lining Method:
	Category:

Remark::

1:550	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1546-0164	00:00:30	3496	
	5.50 S1	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, Start	00:01:13	3497, b	M 1
	6.00	Water Level, 5 %, within 8 inch: NO	00:01:44	3499	
	6.60	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:01:56	3500	
	71.60	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:03:49	3501	
	71.60	Roots Medium Connection, from 3 to 6 o'clock, 25 %, within 8 inch: NO	00:04:20	3502, b	M 3
	155.60 F1	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, End	00:06:50	3504	M 1
	162.60 S2	Roots Fine Joint, from 3 to 5 o'clock, within 8 inch: YES, Start	00:07:31	3505, b	M 1
	181.30	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:08:25	3507	
	181.30	Roots Medium Lateral, at 3 o'clock, 35 %, within 8 inch: NO	00:08:41	3508, b	M 3
	240.90 F2	Roots Fine Joint, from 3 to 5 o'clock, within 8 inch: YES, End	00:10:56	3510	M 1
	243.50	Manhole, within 8 inch: NO, Remarks: 1546-0163	00:11:26	3511	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	321L	0	64	64	0	1.07	1.07



Inspection report

Date: 20100405	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1613	PSR: 71821
Total Pipe Length: 355.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 04/02/2010	Pre-Cleaned: Jetting	Map Grid #: 1601

Street: PASEO DEL MAR	Flow Control: Not Controlled	Start MH: 1601-0012
City: RPV	Year Renewed	End MH: 1601-0013
Location Code: Light Highway	Tape/Media #: G312-036	pipe length: 351.3 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 15"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length: 5.0
Drain. Area: 0012/1601-0013/1601	Lining Method:
	Category:

Remark::

1:800	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1601-0012	00:00:49	9644	
	0.00	Water Level, 10 %, within 8 inch: NO	00:01:08	9645	
	8.10	Joint Offset Medium, within 8 inch: YES	00:01:40	9646, b	S 1
	40.00	Tap Factory Active, at 12 o'clock, 6", within 8 inch: NO	00:03:39	9648	
	162.20	Roots Medium Joint, from 3 to 9 o'clock, 25 %, within 8 inch: YES	00:08:37	9649, b	M 3
	174.00	Deposits Attached Grease, from 3 to 9 o'clock, 15 %, within 8 inch: YES	00:09:58	9651, b	M 3
	175.80	Tap Factory Active, at 12 o'clock, 6", within 8 inch: NO	00:10:53	9653	
	348.40	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	00:26:39	9654, b	M 1
	351.30	Roots Fine Barrel, from 7 to 5 o'clock, within 8 inch: NO	00:27:48	9656, b	M 2
	351.30	Manhole, within 8 inch: NO, Remarks: 1601-0013	00:28:07	9658	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
1100	3221	1	9	10	1	2.25	2



Inspection report

Date: 20100315	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1403	PSR: 71917
Total Pipe Length: 202.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/15/2010	Pre-Cleaned: Jetting	Map Grid #: 1600

Street: CASILINA DR	Flow Control: Not Controlled	Start MH: 1600-0064
City: RPV	Year Renewed	End MH: 1600-0063
Location Code: Light Highway	Tape/Media #: G312-023	pipe length: 256.8 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length: 5.0
Drain. Area: 0063/1600-0064/1600	Lining Method:
	Category:

Remark::

1:575	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1600-0064	00:00:31	6044	
	2.00	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	00:00:59	6045, b	M 1
	5.00	Water Level, 10 %, within 8 inch: NO	00:01:32	6047	
	27.50 S1	Roots Fine Joint, from 7 to 10 o'clock, within 8 inch: YES, Start	00:02:23	6048, b	M 1
	29.20	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:02:44	6050	
	55.80	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:03:24	6051	
	55.80	Roots Medium Lateral, at 9 o'clock, 25 %, within 8 inch: NO	00:03:38	6052, b	M 3
	123.60	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:05:22	6054	
	124.60	Roots Tap Joint, from 7 to 5 o'clock, 15 %, within 8 inch: YES	00:05:53	6055, b	M 2
	138.40	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	00:06:47	6057, b	M 1
	174.40	Tap Factory Active, at 3 o'clock, 4", within 8 inch: NO	00:07:48	6059	
	204.10	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:08:37	6060	
	211.90 F1	Roots Fine Joint, from 7 to 10 o'clock, within 8 inch: YES, End	00:08:58	6061	M 1
	256.40	Roots Medium Joint, from 7 to 5 o'clock, 30 %, within 8 inch: YES	00:10:22	6062, b	M 3
	256.80	Abandoned Survey, within 8 inch: NO, Remarks: COMPLETES INSPECTION OF E	00:11:06	6064	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	3221	0	56	56	0	1.1	1.1



Inspection report

Date: 20100302	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1278	PSR: 84526
Total Pipe Length: 283.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/01/2010	Pre-Cleaned: Jetting	Map Grid #: 1546

Street: EASEMENT	Flow Control: Not Controlled	Start MH: 1546-0055
City: RPV	Year Renewed:	End MH: 1545-0066
Location Code: Easement/Right of Way	Tape/Media #: G312-014	pipe length: 326.4 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length: 5.0
Drain. Area: 0055/1546-0066/1545	Lining Method:
	Category:

Remark::

1:750	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1546-0055	00:00:39	3413	
	5.00	Water Level, 15 %, within 8 inch: NO	00:02:20	3414	
	24.00	Water Level, 10 %, within 8 inch: NO	00:03:02	3415	
	78.10	S1 Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, Start	00:05:25	3416, b	M 1
	88.80	Roots Medium Joint, from 8 to 4 o'clock, 25 %, within 8 inch: YES	00:06:28	3418, b	M 3
	95.00	Tap Factory Active, at 3 o'clock, 4", within 8 inch: NO	00:07:05	3420	
	168.00	Crack Circumferential, from 2 to 4 o'clock, within 8 inch: YES	00:09:13	3421, b	S 1
	168.00	F1 Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, End	00:09:29	3423	M 1
	193.30	Fracture Circumferential, from 2 to 5 o'clock, within 8 inch: YES	00:10:50	3424, b	S 2
	193.80	Tap Break-in Defective, at 2 o'clock, 4", 3, within 8 inch: NO	00:12:07	3426, b	M 3
	199.90	Tap Factory Capped, at 3 o'clock, 4", within 8 inch: NO	00:13:10	3428	
	201.50	Joint Offset Medium, within 8 inch: YES	00:13:32	3429, b	S 1
	201.50	S2 Roots Fine Joint, from 8 to 10 o'clock, within 8 inch: YES, Start	00:13:42	3431, b	M 1
	287.60	F2 Roots Fine Joint, from 8 to 10 o'clock, within 8 inch: YES, End	00:16:08	3433	M 1
	287.60	General Observation, within 8 inch: NO, Remarks: JOINT LENGTH 5'	00:16:31	3434	
	302.90	S3 Roots Fine Joint, from 7 to 10 o'clock, within 8 inch: YES, Start	00:17:20	3435, b	M 1
	319.40	Tap Factory Active, at 3 o'clock, 4", within 8 inch: NO	00:18:13	3437	
	320.90	F3 Roots Fine Joint, from 7 to 10 o'clock, within 8 inch: YES, End	00:18:28	3438	M 1
	325.20	Crack Multiple, from 7 to 6 o'clock, within 8 inch: NO	00:19:13	3439, b	S 3
	326.40	Roots Fine Joint, from 7 to 6 o'clock, within 8 inch: YES	00:20:17	3441, b	M 1
326.40	Broken, from 7 to 9 o'clock, within 8 inch: NO, Remarks: CHANNEL OF DMH 1545-0066	00:20:48	3443, b	S 4	
326.40	Roots Fine Barrel, from 7 to 6 o'clock, within 8 inch: NO	00:21:35	3445, b	M 2	
326.40	Manhole, within 8 inch: NO, Remarks: 1545-0066	00:21:52	3447		



Inspection report

Date: 20100402	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1602	PSR: 69562
Total Pipe Length: 328.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 04/01/2010	Pre-Cleaned: Jetting	Map Grid #: 1654

Street: MIRALESTE DR	Flow Control: Not Controlled	Start MH: 1654-0163
City: RPV	Year Renewed:	End MH: 1654-0164
Location Code: Main Highway - Suburban/Rural	Tape/Media #: G312-035	pipe length: 343.2 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length: 5.0
Drain. Area: 0163/1654-0164/1654	Lining Method:
	Category:

Remark::

1:775	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1654-0163	00:00:44	9469	
	5.00	Water Level, 15 %, within 8 inch: NO	00:01:14	9470	
	78.10	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:3:10	9471	
	93.40	Deposits Ingressed Fine, from 8 to 4 o'clock, 5 %, within 8 inch: NO, Remarks: SILT	00:04:07	9472, b	M 2
	98.00	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:04:37	9474	
	131.70	S1 Water Level Sag, 25 %, within 8 inch: NO, Start	00:05:47	9475, b	M 2
	194.90	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:07:35	9477	
	197.30	F1 Water Level Sag, 25 %, within 8 inch: NO, End	00:07:53	9478	M 2
	197.30	Water Level, 10 %, within 8 inch: NO	00:08:14	9479	
	221.00	S2 Water Level Sag, 25 %, within 8 inch: NO, Start	00:08:53	9480, b	M 2
	261.90	F2 Water Level Sag, 25 %, within 8 inch: NO, End	00:10:19	9482	M 2
	261.90	Water Level, 15 %, within 8 inch: NO	00:10:30	9483	
	279.90	Deposits Ingressed Fine, from 8 to 4 o'clock, 5 %, within 8 inch: NO, Remarks: SILT	00:11:27	9484, b	M 2
	335.60	Water Level, 45 %, within 8 inch: NO	00:13:15	9486	
	335.60	S3 Water Level Sag, 45 %, within 8 inch: NO, Start	00:13:32	9487, b	M 3
	343.20	F3 Water Level Sag, 45 %, within 8 inch: NO, End	00:19:19	9489	M 3
	343.20	Water Level, 20 %, within 8 inch: NO	00:19:37	9490	
	343.20	Abandoned Survey, within 8 inch: NO, Remarks: COMPLETES INSPECTION OF E	00:19:55	9491	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	322E	0	62	62	0	2.07	2.07



Inspection report

Date: 20100217	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1148	PSR: 75923
Total Pipe Length: 184.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 02/16/2010	Pre-Cleaned: Jetting	Map Grid #: 1545

Street: EASEMENT	Flow Control: Not Controlled	Start MH: 1545-0436
City: RPV	Year Renewed:	End MH: 1545-0435
Location Code: Easement/Right of Way	Tape/Media #: G312-005	pipe length: 184.2 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length: 3.0
Drain. Area: 0435/1545-0436/1545	Lining Method:
	Category:

Remark::

1:330	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1545-0436	00:00:29	1384	
	6.00 S1	Water Level Sag, 25 %, within 8 inch: NO, Start	00:01:25	1385, b	M 2
	9.20	Crack Longitudinal, at 3 o'clock, within 8 inch: YES	00:01:55	1387, b	S 2
	12.20	Crack Multiple, from 9 to 5 o'clock, within 8 inch: YES	00:02:31	1389, b	S 3
	12.20	Roots Fine Joint, from 4 to 8 o'clock, within 8 inch: YES	00:02:55	1391, b	M 1
	27.10	Tap Factory Capped, at 9 o'clock, 6", within 8 inch: NO	00:03:46	1393	
	35.50	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	00:04:23	1394, b	S 3
	35.60	Deposits Ingressed Fine, from 5 to 7 o'clock, 15 %, within 8 inch: NO, Remarks: SILT	00:05:09	1396, b	M 3
	38.90 S2	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, Start	00:05:53	1398, b	M 1
	45.90	Crack Circumferential, from 8 to 10 o'clock, within 8 inch: YES	00:06:44	1401, b	S 1
	53.90	Tap Factory Capped, at 3 o'clock, 6", within 8 inch: NO	00:07:36	1403	
	62.40	Crack Circumferential, from 1 to 4 o'clock, within 8 inch: YES	00:08:12	1404, b	S 1
	107.40	Crack Circumferential, from 9 to 1 o'clock, within 8 inch: YES	00:10:08	1406, b	S 1
	121.20	Crack Multiple, from 8 to 4 o'clock, within 8 inch: YES	00:11:15	1408, b	S 3
	121.20 F1	Water Level Sag, 25 %, within 8 inch: NO, End	00:11:41	1410	M 2
	121.20	Water Level, 15 %, within 8 inch: NO	00:11:51	1411	
	125.80	Tap Factory Capped, at 9 o'clock, 6", within 8 inch: NO	00:12:11	1412	
	127.30	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	00:12:44	1413, b	S 3
	128.70	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:13:21	1415	
	128.70	Roots Medium Lateral, at 3 o'clock, 25 %, within 8 inch: NO	00:13:51	1416, b	M 3
	128.70	Fracture Longitudinal, at 3 o'clock, within 8 inch: YES	00:14:37	1418, b	S 3
	136.70 S3	Crack Multiple, from 10 to 5 o'clock, within 8 inch: YES, Start	00:15:26	1420, b	S 3
	143.50	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	00:16:38	1424, b	M 1



Inspection report

Date: 20100217	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1148	PSR: 75923
Total Pipe Length: 184.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 02/16/2010	Pre-Cleaned: Jetting	Map Grid #: 1545

1:330	position	observation	MPEG	photo	grade
	<u>150.40</u>	Fracture Circumferential, from 7 to 10 o'clock, within 8 inch: YES	00:17:34	1426, b	S 2
	<u>150.40</u> S4	Roots Fine Joint, from 7 to 9 o'clock, within 8 inch: YES, Start	00:17:56	1428, b	M 1
	<u>153.80</u>	Crack Multiple, from 5 to 8 o'clock, within 8 inch: YES	00:18:46	1432, b	S 3
	<u>182.10</u>	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	00:21:09	1434	S 3
	<u>182.10</u> F3	Crack Multiple, from 10 to 5 o'clock, within 8 inch: YES, End	00:21:25	1435	S 3
	<u>182.10</u> F4	Roots Fine Joint, from 7 to 9 o'clock, within 8 inch: YES, End	00:21:42	1436	M 1
	<u>184.20</u>	Hole Soil Visible, from 3 to 9 o'clock, within 8 inch: NO	00:22:15	1437, b	S 5
	<u>184.20</u> F2	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, End	00:22:37	1439	M 1
	<u>184.20</u>	Manhole, within 8 inch: NO, Remarks: 1545-0435	00:23:07	1440	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
513B	322E	66	110	176	2.75	1.43	1.74



Inspection report

Date: 20100401	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 241	PSR: 75131
Total Pipe Length: 130.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 03/29/2010	Pre-Cleaned: Jetting	Map Grid #: 1546

Street: EASEMENT	Flow Control: Not Controlled	Start MH: 1546-0230
City: RPV	Year Renewed:	End MH: 1546-0247
Location Code: Easement/Right of Way	Tape/Media #: R311-039	pipe length: 127.5 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0230/1546-0247/1546	Lining Method:
	Category:

Remark::

1:300	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1546-0230	00:00:27	4307	
	6.00	Water Level, 5 %, within 8 inch: NO	00:02:13	4308	
	18.00	Roots Fine Joint, from 12 to 3 o'clock, within 8 inch: YES	00:03:01	4309, b	M 1
	23.50	General Observation, within 8 inch: NO, Remarks: Pipe Joint Length 5'	00:03:48	4311	
	89.30	Roots Medium Joint, from 1 to 8 o'clock, 30 %, within 8 inch: YES	00:06:06	4312, b	M 3
	94.60 S1	Roots Medium Joint, from 2 to 9 o'clock, 20 %, within 8 inch: YES, Start	00:07:19	4314, b	M 3
	99.80 F1	Roots Medium Joint, from 2 to 9 o'clock, 20 %, within 8 inch: YES, End	00:08:01	4316, b	M 3
	114.90	Roots Fine Joint, at 1 o'clock, within 8 inch: YES	00:10:02	4318, b	M 1
	125.20	Roots Medium Joint, from 8 to 4 o'clock, 35 %, within 8 inch: YES	00:11:07	4320, b	M 3
	127.50	Manhole, within 8 inch: NO, Remarks: 1546-0247	00:12:32	4322	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	3312	0	11	11	0	2.2	2.2



Inspection report

Date: 20100226	P.O.#: Y0TV0910A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 1253	PSR: 75412
Total Pipe Length: 52.00	Survey Customer: LACDPW	System Owner: RPV	Clean Date: 02/25/2010	Pre-Cleaned: Jetting	Map Grid #: 1546

Street: EASEMENT	Flow Control: Not Controlled	Start MH: 1546-0052
City: RPV	Year Renewed:	End MH: 1546-0053
Location Code: Easement/Right of Way	Tape/Media #: G312-012	pipe length: 51.6 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length: 3.0
Drain. Area: 0052/1546-0053/1546	Lining Method:
	Category:

Remark::

1:125	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1546-0052	00:00:55	3020	
	5.00	Water Level, 5 %, within 8 inch: NO	00:03:40	3021	
	17.50 S1	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, Start	00:04:34	3022, b	M 1
	28.00	Fracture Circumferential, from 8 to 10 o'clock, within 8 inch: YES	00:05:35	3024, b	S 2
	32.60	Roots Medium Joint, from 2 to 6 o'clock, 35 %, within 8 inch: YES	00:06:43	3026, b	M 3
	42.90	Roots Medium Joint, from 2 to 6 o'clock, 25 %, within 8 inch: YES	00:08:23	3028, b	M 3
	48.10	Roots Medium Joint, from 2 to 5 o'clock, 25 %, within 8 inch: YES	00:10:21	3030, b	M 3
	51.60 F1	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, End	00:10:56	3032	M 1
	51.60	Manhole, within 8 inch: NO, Remarks: 1546-0053	00:11:41	3033	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
2100	3319	2	18	20	2	1.5	1.54