



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

August 14, 2014

IN REPLY PLEASE

REFER TO FILE: **SM-1**

Ms. Lisa A. Rapp
Director of Public Works
City of Lakewood
5050 Clark Avenue
Lakewood, CA 90712-2697

Attention Ms. Konya Vivanti

Dear Ms. Rapp:

CONSOLIDATED SEWER MAINTENANCE DISTRICT CONDITION ASSESSMENT PROGRAM REPORT PROJECT NO. Y0TV1011B

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 recently completed a closed-circuit television inspection of 35.1 percent of the City of Lakewood's sewer system. To date, we have completed approximately 67 percent of the City's sewer infrastructure. The results of the past Condition Assessment Program reports were transmitted to you on May 14, 2013. Electronic copies of these reports can be found at <http://dpw.lacounty.gov/smd/cctv/city>. The remaining sections of the City's sewer system are scheduled to be televised in Fiscal Year 2014-15.

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)

Ms. Lisa A. Rapp
August 14, 2014
Page 2

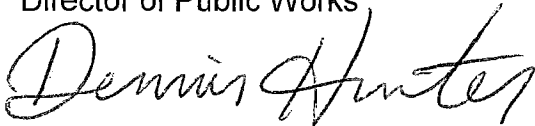
- Quick Structural Rating Report Priority List, Quick Structural Rating Map, and Lining and Point Repair Projects Map (Enclosure 3)
- Infrastructure Inspection Reports for Grades 4 and 5 (Enclosure 4)

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 replacement as part of our ongoing Accumulative Capital Outlay Project.

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



DENNIS HUNTER, PLS PE
Deputy Director

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Enc.

bc: MM, RS, RV, File (Project No. Y0TV1011B.), SPINDLE

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

PROJECT NAME:	Y0TV1011B	PROJECT MGR:	Hanna Kebede
PROJECT DATE:	08/08/2011	CONTACT NO:	(626) 300-4686
SUP. DISTRICT(s):	4	MAP PAGE(S):	1923, 1924 &1977
Report By:	Hanna Kebede	Report Date:	01/23/2014

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 306,238 feet or 35.1 percent of the City of Lakewood's (City) sewer system as part of this condition assessment report.

To date, the District has completed the CCTV inspection of 275,524 feet or 31.5 percent of the City's sewer system. In addition to this report, one previous condition assessment report dated April 17, 2013 has been provided to your City for your information. A copy of this report can also be found at the District's website at <http://dpw.lacounty.gov/smd/cctv/city/>.

The remaining 33.4 percent of the City's sewer system is part of the District's current CCTV inspection 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. Y0TV0910C included sewer lines located in the unincorporated County of Los Angeles and the Cities of Bell Gardens, Industry, Diamond Bar, La Canada-Flintridge, and Walnut. 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 58.5 percent of the system televised was free of blockages or restrictions that would impede sewer flows. However, the remaining 41.5 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 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	126,865	41.4	497
2: Minor to Moderate	52,412	17.1	190
3: Moderate	69,532	22.7	238
4: Significant	56,210	18.4	202
5: Most Significant	1,219	0.4	6
	306,238	100.0	1,133

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, 311 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 92.6 percent of the system televised has adequate capacity. Approximately 7.4 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 have indicated camera 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 particular conditions in which the water level or water mark has 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 the pipe segments with such high water level concerns was conducted to determine if any capacity issues exist. The sewer segments associated with high water levels appear to be the result of sags in the line, which do not impact its capacity. The pipe segments with sags have been cleaned to remove any debris in the line.

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.

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

Infiltration

Our inspection revealed that infiltration was not detected in any pipe segment in your City's system.

STRUCTURAL REPORT

Our inspection revealed that approximately 87.6 percent of the inspected pipe segments within the City were free of severe structural defects. However, the remaining 12.4 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 the need for action. For items 1 through 133 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 133 segments are included in Enclosure 4. A map showing the sewer lines which need lining and point repair is also provided in Enclosure 3.

QUICK STRUCTURAL RATING TABLE

DEFECT GRADE	PIPE LENGTH (FT)	PERCENT TOTAL INSPECTED PIPE LENGTH	NO. SEGMENTS
1: Minor	121,748	39.7	492
2: Minor to Moderate	29,628	9.7	108
3: Moderate	116,851	38.2	400
4: Significant	27,121	8.8	95
5: Most Significant	10,890	3.6	38
TOTAL	306,238	100.0	1,133

FUTURE PROJECTS

The Sewer Condition Assessment Program will be performing future CCTV inspections of the remaining sewer lines within the City according to the following schedule:

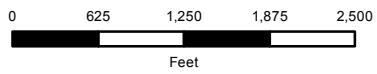
FISCAL YEAR	PROJECT NAME	LENGTH (FT)	PERCENTAGE OF SYSTEM	STATUS
2007-2008	Y0TV0708C	143,237	16.4	COMPLETED
2008-2009	Y0TV0809B	132,287	15.1	COMPLETED
2010-2011	Y0TV1011B	306,238	35.1	COMPLETED
2013-2014	Y0TV1314B	291,859	33.4	IN PROGRESS
TOTAL		873,621	100.0	

OVERVIEW

CCTV PROJECT

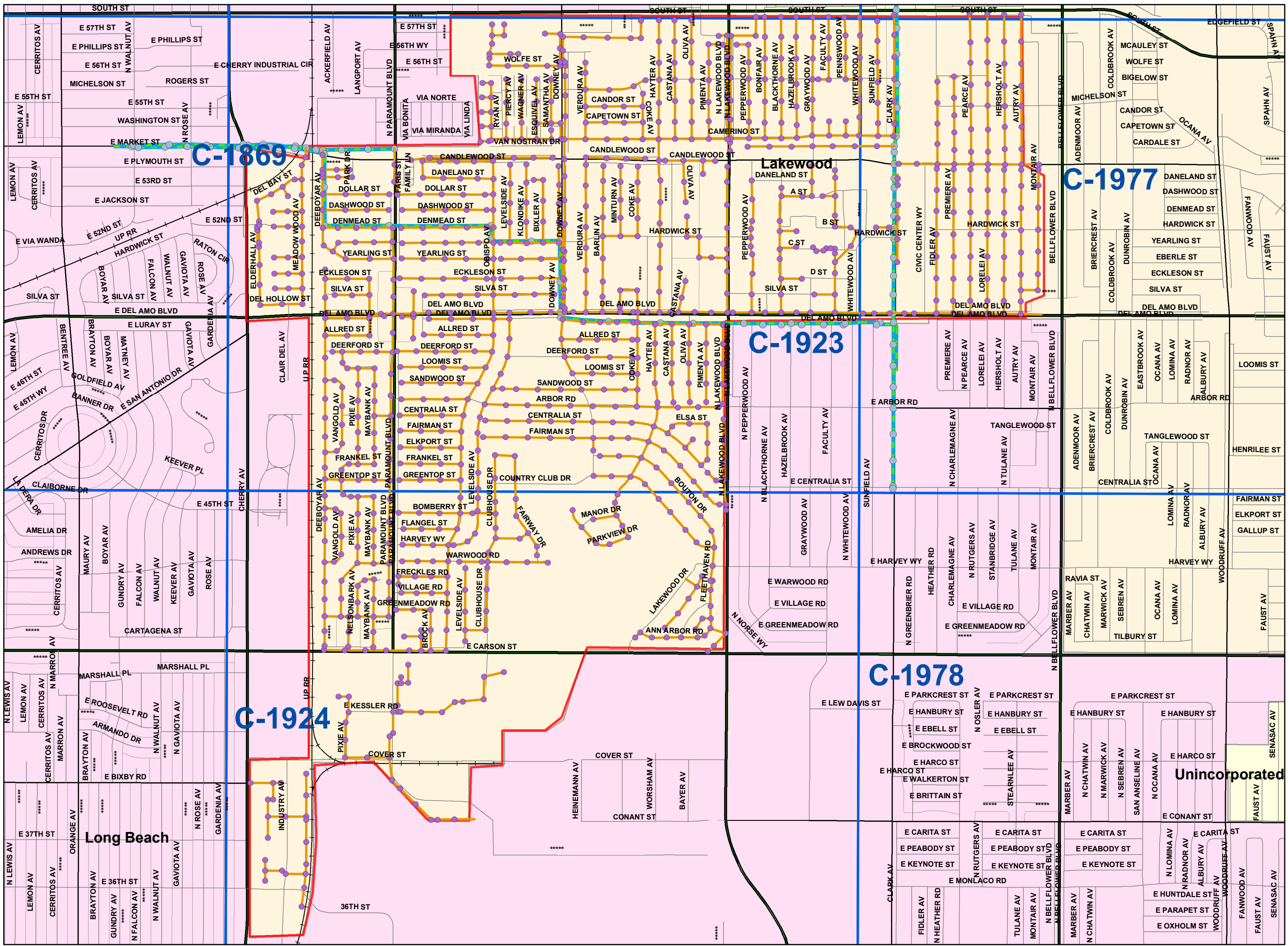
YOTV1011B

City of Lakewood



Legend

- SMD Sanitary Sewers
- SMD Manholes**
 - Other
 - Standard
 - DROP
 - Shallow
 - Trap
 - Siphon
 - SMD Pump Stations
 - SMD Treatment Plants
- Maintained by Others:**
 - Trunk Sewerlines
 - Trunk MH
 - Non SMD Sanitary Sewers
 - Non SMD Maintained MH
 - SMD Operations Maps
 - YOTV1011B



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JANUARY 2014

ENCLOSURE 2
QUICK MAINTENANCE RATING REPORT PRIORITY LIST
CITY OF LAKEWOOD (Y0TV1011B)
as of 08/08/11

NO.	QMR	START MH	END MH	STREET	OBSERVATION	CORRECTIVE ACTION TAKEN	COMPLETED DATE
1	5142	1923-0081	1923-0080	DEEBOYAR AV	Roots Ball Lateral	Lateral notice will be sent to property owner.	N/A
2	5142	1923-0691	1923-0448	DEL AMO BV	Deposits Attached Grease & Water level	Hydrojet	5/2/2013
3	5131	1923-0661	1923-0662	DEL AMO BV	Deposits Attached Grease & Water level	Hydrojet	12/17/2012
4	5112	1924-0089	1924-0088	ALLEY	Deposits Settled Compacted : 114'	Hydrojet	6/18/2013
5	5112	1977-0059	1977-0058	CLARK AV	Deposits Settled Compacted : 254'	Hydrojet	6/20/2013
6	5111	1924-0113	1924-0112	CLUBHOUSE DR	Deposits Attached Encrustation : 68'	Hydrojet	4/18/2013
7	4E3A	1923-0247	1923-0246	OBISPO AV	Water Level Sag & Camera Underwater	Rodder	3/22/2013
8	4E2L	1923-0391	1923-0392	DOWNEY AV	Water Level Sag, 50%	Hydrojet	4/22/2013
9	4A11	1923-0403	1923-0404	DOWNEY AV	Camera Underwater :6'-53'	Hydrojet	5/1/2013
10	493J	1923-0701	1923-0700	ELDERHALL AV	Deposits Attached Grease & Water level 35%-45%	Hydrojet	6/20/2013
11	463A	1923-0078	1923-0077	DEEBOYAR AV	Roots Medium Connection	Rodder	3/21/2013
12	453C	1923-0132	1923-0131	CANDLEWOOD ST	Roots Ball Joint & Camera Underwater :86'-98'	Rodder	3/22/2013
13	441G	1924-0217	1924-0218	FLEET HAVEN RD	Roots Ball Lateral	Lateral notice will be sent to property owner.	N/A
14	433M	1924-0023	1924-0040	PIXIE AV	Deposits Attached Grease : 167'	Rodder	5/3/2013
15	433A	1924-0083	1924-0082	PARAMOUNT BV	Roots Ball Connection : 196' & 232'	Rodder	4/18/2013
16	422E	1923-0254	1923-0253	LEVELSIDE AV	Deposits Attached Grease	Hydrojet	4/18/2013
17	421N	1923-0273	1923-0272	LOOMIS ST	Roots Ball Lateral	Lateral notice will be sent to property owner.	N/A
18	421J	1924-0212	1924-0213	BOUTON DR	Roots : 4' & 111'	Rodder	4/19/2013
19	421J	1924-0218	1924-0219	FLEET HAVEN RD	Roots Ball Lateral	Lateral notice will be sent to property owner.	N/A
20	421E	1923-0127	1923-0128	CANDLEWOOD ST	Roots	Rodder	3/22/2013
21	421E	1924-0081	1924-0080	PARAMOUNT BV	Roots Ball Lateral	Lateral notice will be sent to property owner.	N/A
22	421D	1924-0084	1924-0083	PARAMOUNT BV	Roots Ball Lateral	Lateral notice will be sent to property owner.	N/A
23	421C	1923-0066	1923-0067	DEL AMO BV	Roots Ball Lateral	Lateral notice will be sent to property owner.	N/A
24	421A	1923-0308	1923-0307	GREENTOP ST	Roots Medium Barrel (inside MH 0307)	Rodder	3/27/2013
25	413N	1977-0041	1977-0040	HERSHOLT AV	Water level Sag 35% : 65'-322'	Hydrojet	4/5/2013
26	413L	1977-0093	1977-0094	DEL AMO BV	Deposits Attached Grease	Hydrojet	6/19/2013
27	413K	1923-0448	1923-0449	DEL AMO BV	Roots Medium Joint : 84' & 177'	Rodder	4/12/2013
28	413J	1923-0237	1923-0236	PARAMOUNT BV	Roots Ball Connection :65' & 205'	Rodder	3/26/2013
29	413C	1923-0329	1923-0397	DOWNEY AV	Water Level Sag: 40 % Deposits Attached Grease : 41'	Hydrojet	4/19/2013
30	413B	1923-0227	1923-0441	DEL AMO BV	Deposits Attached Grease & Water Level Sag: 50 %	Hydrojet	4/19/2013
31	413A	1977-0211	1977-0124	BELLFLOWER AV	Roots Medium Joint : 4', 66', 115' & 208'	Rodder	4/23/2013
32	412R	1977-0092	1977-0093	DEL AMO BV	Deposits Attached Grease & Water Mark 65%	Hydrojet	6/19/2013
33	412M	1923-0669	1977-0092	DEL AMO BV	Deposits Attached Grease & Water level 40%	Hydrojet	12/7/2012
34	412J	1923-0667	1923-0668	DEL AMO BV	Deposits Attached Grease & Water level 45%	Hydrojet	12/7/2012
35	412I	1923-0373	1923-0372	CAMERINO ST	Roots Medium Barrel :42'	Rodder	3/29/2013
36	412I	1923-0664	1923-0665	DEL AMO BV	Deposits Attached Grease & Water level 40%	Hydrojet	12/7/2012
37	412E	1923-0451	1923-0661	DEL AMO BV	Deposits Attached Grease & Water level 40%	Hydrojet	6/13/2013

ENCLOSURE 2
QUICK MAINTENANCE RATING REPORT PRIORITY LIST
CITY OF LAKEWOOD (Y0TV1011B)
as of 08/08/11

NO.	QMR	START MH	END MH	STREET	OBSERVATION	CORRECTIVE ACTION TAKEN	COMPLETED DATE
38	412D	1923-0666	1923-0667	DEL AMO BV	Deposits Attached Grease & Water level 40%	Hydrojet	12/7/2012
39	412A	1923-0665	1923-0666	DEL AMO BV	Deposits Attached Grease & Water level 40%	Hydrojet	12/7/2012
40	411L	1924-0134	1924-0095	HARVEY WY	Roots Ball Lateral	Lateral notice will be sent to property owner.	N/A
41	411J	1924-0220	1924-0224	EASEMENT	Roots Ball Lateral	Lateral notice will be sent to property owner.	N/A
42	411E	1924-0095	1924-0094	OBISPO AV	Roots Ball Lateral	Lateral notice will be sent to property owner.	N/A
43	411E	1924-0197	1924-0208	EASEMENT	Roots Ball Lateral	Lateral notice will be sent to property owner.	N/A
44	411D	1923-0469	1923-0468	HAYTER AV	Roots Ball Lateral	Lateral notice will be sent to property owner.	N/A
45	411C	1923-0097	1923-0098	MAYBANK AV	Roots Ball Lateral	Lateral notice will be sent to property owner.	N/A
46	411C	1924-0188	1924-0189	HAYTER AV	Roots Ball Lateral	Lateral notice will be sent to property owner.	N/A
47	411B	1924-0049	1924-0048	PIXIE AV	Water Mark :50 %	Hydrojet	5/13/2013
48	411B	1924-0191	1924-0192	COUNTRY CLUB DR	Roots Ball Lateral	Lateral notice will be sent to property owner.	N/A
49	411B	1924-0197	1924-CITY	EASEMENT	Roots Ball Lateral	Lateral notice will be sent to property owner.	N/A
50	411A	1924-0202	1924-0201	LAKEWOOD DR	Roots Ball Lateral	Lateral notice will be sent to property owner.	N/A
51	4800	1923-0695	1923-0120	EASEMENT	Water level Sag 55%-80%	Hydrojet	5/2/2013
52	4634	1923-0083	1924-0001	DEEBOYAR AV	Roots Ball Joint : 195'	Rodder	3/21/2013
53	4534	1923-0080	1923-0079	DEEBOYAR AV	Roots Ball Lateral	Lateral notice will be sent to property owner.	N/A
54	4532	1923-0573	1923-0572	LAKEWOOD BV	Roots Ball Lateral	Lateral notice will be sent to property owner.	N/A
55	4438	1923-0017	1923-0002	MEADOW WOOD AV	Camera under water; high water level 224'-256'	Hydrojet	4/16/2013
56	4437	1923-0077	1923-0076	DEEBOYAR AV	Roots Medium Connection	Rodder	3/21/2013
57	4434	1923-0078	1923-0079	DEEBOYAR AV	Roots Medium Connection	Rodder	3/21/2013
58	4434	1923-0137	1923-0151	OBISPO AV	Roots Medium Joint	Rodder	3/25/2013
59	4433	1923-0129	1923-0130	CANDLEWOOD ST	Roots Medium Joint	Rodder	3/22/2013
60	4433	1923-0356	1923-0374	OLIVA AV	Roots Medium Connection	Rodder	4/17/2013
61	4433	1923-0508	1923-0509	CENTRALIA ST	Roots Ball Lateral	Lateral notice will be sent to property owner.	N/A
62	4432	1923-0076	1923-0075	DEEBOYAR AV	Deposits Attached Grease	Hydrojet	5/1/2013
63	4432	1923-0114	1923-0115	GREENTOP ST	Roots Connection : 63' & 161'	Rodder	3/22/2013
64	4432	1977-0071	1977-0072	PREMIERE AV	Roots Ball Lateral	Lateral notice will be sent to property owner.	N/A
65	4431	1923-0437	1923-0438	CASTANA AV	Roots Ball Lateral	Lateral notice will be sent to property owner.	N/A
66	4421	1923-0528	1924-0195	BOUTON DR	Roots Ball Lateral	Lateral notice will be sent to property owner.	N/A
67	4337	1923-0121	1923-0695	OBISPO AV	Water Level Sag & Camera Underwater :50'-77'	Hydrojet	5/1/2013
68	4337	1923-0181	1923-0182	DASHWOOD ST	Roots Medium Joint : 125'	Rodder	3/25/2013
69	4336	1923-0166	1923-0167	BIXLER AV	Roots Medium Connection	Rodder	3/25/2013
70	4335	1923-0097	1923-0096	MAYBANK AV	Roots Medium Connection	Rodder	3/25/2013
71	4334	1923-0051	1923-0142	DENMEAD ST	Roots Ball Lateral	Lateral notice will be sent to property owner.	N/A
72	4333	1923-0071	1923-0072	DEL AMO BV	Roots Medium Connection :129'	Rodder	3/21/2013
73	4333	1923-0225	1923-0226	DEL AMO BV	Water Level Sag: 55 % Deposits Attached Grease	Hydrojet	5/3/2013
74	4332	1923-0167	1923-0168	BIXLER AV	Roots Medium Connection	Rodder	3/25/2013

ENCLOSURE 2
QUICK MAINTENANCE RATING REPORT PRIORITY LIST
CITY OF LAKEWOOD (Y0TV1011B)
as of 08/08/11

NO.	QMR	START MH	END MH	STREET	OBSERVATION	CORRECTIVE ACTION TAKEN	COMPLETED DATE
75	4332	1923-0169	1923-0170	DANELAND ST	Roots Medium Connection	Rodder	3/25/2013
76	4332	1924-0195	1924-0196	BOUTON DR	Roots Ball Lateral	Lateral notice will be sent to property owner.	N/A
77	4332	1924-0213	1924-0214	BOUTON DR	Roots Ball Lateral	Lateral notice will be sent to property owner.	N/A
78	4331	1923-0098	1923-0099	MAYBANK AV	Roots Ball Lateral	Lateral notice will be sent to property owner.	N/A
79	4331	1923-0569	1923-0570	LAKEWOOD BV	Roots Ball Connection : 259'	Rodder	4/15/2013
80	4331	1923-0586	1923-0587	BONFAIR AV	Roots Medium Connection : 161'	Rodder	4/17/2013
81	4331	1924-0085	1924-0142	FRECKLES RD	Roots Ball Joint : 40' & 154'	Rodder	4/18/2013
82	4322	1923-0231	1923-0232	DEL AMO BV	Roots Ball Lateral	Lateral notice will be sent to property owner.	N/A
83	4312	1923-0447	1923-0691	DEL AMO BV	Roots Ball Connection : 14'	Rodder	4/12/2013
84	4237	1923-0170	1923-0171	DANELAND ST	Roots Ball Joint Connection: 181'	Rodder	3/25/2013
85	4236	1923-0136	1923-0137	CANDLEWOOD ST	Roots Medium Connection	Rodder	3/22/2013
86	4235	1923-0526	1923-0474	BOUTON DR	Roots Medium Joint : 25',59',143' & 304'	Rodder	4/4/2013
87	4234	1923-0224	1923-0225	DEL AMO BV	Deposits Attached Grease	Hydrojet	4/18/2013
88	4233	1923-0037	1923-0071	DEL AMO BV	Roots & Deposits Attached Grease	Rodder	3/21/2013
89	4233	1923-0082	1923-0083	DEEBOYAR AV	Roots Medium Connection	Rodder	3/21/2013
90	4233	1923-0219	1923-0158	SILVA ST	Roots Medium Connection	Rodder	3/25/2013
91	4233	1923-0252	1923-0234	LEVELSIDE AV	Roots Medium Joint	Rodder	3/22/2013
92	4233	1977-0212	1977-0213	BELLFLOWER AV	Roots Medium Joint : 87', 148' & 187'	Rodder	4/23/2013
93	4232	1923-0035	1923-0036	DEEBOYAR AV	Deposits Attached Other : 235'	Hydrojet	4/17/2013
94	4232	1923-0128	1923-0129	CANDLEWOOD ST	Roots	Rodder	3/22/2013
95	4232	1923-0150	1923-0174	DOLLAR ST	Roots Medium Connection	Rodder	3/25/2013
96	4232	1923-0273	1923-0274	LOOMIS ST	Roots Ball Connection : 270' & 337'	Rodder	3/26/2013
97	4232	1923-0565	1923-0566	LAKEWOOD BV	Roots Ball Connection :89' & 243'	Rodder	4/15/2013
98	4232	1924-0166	1924-0165	EASEMENT	Roots Ball Lateral	Lateral notice will be sent to property owner.	N/A
99	4232	1924-0209	1924-0207	EASEMENT	Deposits Attached Grease	Hydrojet	4/19/2013
100	4231	1923-0182	1923-0183	DASHWOOD ST	Roots Medium Connection	Rodder	3/25/2013
101	4231	1923-0481	1923-0480	OLIVA AV	Roots Medium Joint : 5' & 251'	Rodder	4/3/2013
102	4231	1923-0517	1923-0518	FAIRMAN ST	Roots Ball Connection	Rodder	3/28/2013
103	4231	1923-0541	1923-0542	CAMERINO ST	Roots Medium Connection : 245'	Rodder	4/17/2013
104	4231	1923-0657	1923-0637	EASEMENT	Alignment Down 30%	No action needed.	N/A
105	4231	1923-0662	1923-0663	DEL AMO BV	Deposits Attached Grease & Water level 50%	Hydrojet	12/7/2012
106	4231	1924-0004	1924-0003	DEEBOYAR AV	Roots Medium Connection : 125', 146' & 302'	Rodder	4/12/2013
107	4222	1923-0232	1923-0233	DEL AMO BV	Roots Ball Lateral	Lateral notice will be sent to property owner.	N/A
108	4211	1923-0086	1923-0085	VANGOLD AV	Roots Ball Lateral	Lateral notice will be sent to property owner.	N/A
109	4139	1923-0154	1923-0155	OBISPO AV	Roots Joint & Deposits Attached Grease	Rodder	3/22/2013
110	4139	1977-0214	1977-0215	BELLFLOWER AV	Roots Medium Joint : 78, 187' & 233'	Rodder	4/23/2013
111	4138	1977-0018	1977-0017	PREMIERE AV	Deposits Attached Encrustation : 240'	Hydrojet	4/5/2013

ENCLOSURE 2
QUICK MAINTENANCE RATING REPORT PRIORITY LIST
CITY OF LAKEWOOD (Y0TV1011B)
as of 08/08/11

NO.	QMR	START MH	END MH	STREET	OBSERVATION	CORRECTIVE ACTION TAKEN	COMPLETED DATE
112	4135	1923-0136	1923-0135	CANDLEWOOD ST	Roots Medium Connection	Rodder	3/22/2013
113	4135	1977-0070	1977-0071	PREMIERE AV	Roots Medium Lateral	Lateral notice will be sent to property owner.	N/A
114	4135	1977-0072	1977-0073	PREMIERE AV	Roots Ball Lateral	Lateral notice will be sent to property owner.	N/A
115	4134	1923-0081	1923-0082	DEEBOYAR AV	Roots	Rodder	3/21/2013
116	4134	1923-0087	1923-0088	VANGOLD AV	Roots Ball Joint :266'	Rodder	4/2/2013
117	4134	1923-0523	1923-0522	FAIRMAN ST	Roots Medium Joint & Deposits Attached Grease	Rodder	4/3/2013
118	4134	1924-0082	1924-0081	PARAMOUNT BV	Water Level Sag, 35 % : 99'-114'	Hydrojet	5/3/2013
119	4134	1977-0065	1977-0066	FIDLER AV	Roots Medium Joint : 2'	Rodder	4/5/2013
120	4134	1977-0212	1977-0211	BELLFLOWER AV	Roots Medium Joint : 166' & 320'	Rodder	4/23/2013
121	4133	1923-0064	1923-0065	SILVA ST	Roots Ball Lateral	Lateral notice will be sent to property owner.	N/A
122	4133	1923-0131	1923-0130	CANDLEWOOD ST	Roots Medium Joint	Rodder	3/22/2013
123	4133	1923-0134	1923-0135	CANDLEWOOD ST	Roots Medium Joint	Rodder	3/22/2013
124	4133	1923-0179	1923-0180	DASHWOOD ST	Roots Ball Lateral	Lateral notice will be sent to property owner.	N/A
125	4133	1923-0282	1923-0281	SANDWOOD ST	Roots Medium Joint : 106'	Rodder	4/2/2013
126	4133	1923-0527	1923-0474	BOUTON DR	Roots Medium Joint : 141',219' & 242'	Rodder	4/4/2013
127	4133	1923-0561	1923-0538	PIMENTA AV	Roots Ball Lateral	Lateral notice will be sent to property owner.	N/A
128	4133	1923-0693	1923-0119	OBISPO AV	Roots Ball Connection : 94'	Hydrojet	12/7/2012
129	4133	1924-0028	1924-0037	MAYBANK AV	Roots Medium Connection : 166'	Rodder	4/18/2013
130	4132	1923-0075	1923-0037	DEEBOYAR AV	Roots Ball Lateral	Lateral notice will be sent to property owner.	N/A
131	4132	1923-0084	1923-0077	VANGOLD AV	Roots Medium Connection	Rodder	3/21/2013
132	4132	1923-0157	1923-0158	OBISPO AV	Roots Joint & Deposits Attached Grease	Rodder	3/22/2013
133	4132	1923-0168	1923-0197	BIXLER AV	Roots Ball Latera	Lateral notice will be sent to property owner.	N/A
134	4132	1923-0275	1923-0244	LOOMIS ST	Deposits Attached Grease : 9'	Hydrojet	4/19/2013
135	4132	1923-0291	1923-0247	CENTRALIA ST	Roots Medium Lateral	Lateral notice will be sent to property owner.	N/A
136	4132	1923-0353	1923-0354	OLIVA AV	Roots Ball Lateral	Lateral notice will be sent to property owner.	N/A
137	4132	1923-0365	1923-0364	CANDOR ST	Roots Ball Joint :179'	Rodder	4/2/2013
138	4132	1923-0503	1923-0502	ARBOR ST	Roots Medium Joint : 288'	Rodder	4/3/2013
139	4132	1923-0509	1923-0510	CENTRALIA ST	Roots Medium Connection : 144'	Rodder	4/3/2013
140	4132	1923-0518	1923-0519	FAIRMAN ST	Obstacle in Joint : 155'	Rodder	3/28/2013
141	4132	1924-0029	1924-0028	MAYBANK AV	Roots Ball Lateral	Lateral notice will be sent to property owner.	N/A
142	4132	1924-0060	1924-0061	EASEMENT	Roots Ball Lateral	Lateral notice will be sent to property owner.	N/A
143	4132	1924-0111	1924-0112	CLUBHOUSE DR	Roots Medium Joint : 14'	Rodder	4/18/2013
144	4132	1924-0180	1924-0141	WARWOOD RD	Roots Medium Joint :30' -34'	Rodder	4/22/2013
145	4132	1924-0196	1924-0212	BOUTON DR	Roots Medium Joint : 45',122' & 223'	Rodder	4/19/2013
146	4132	1924-0219	1924-0220	FLEET HAVEN RD	Roots Medium Connection : 12'	Rodder	4/19/2013
147	4131	1923-0035	1923-0034	DEEBOYAR AV	Roots Ball Joint : 220'	Rodder	3/20/2013
148	4131	1923-0100	1923-0099	MAYBANK AV	Roots Ball Lateral	Lateral notice will be sent to property owner.	N/A

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149	4131	1923-0110	1923-0111	FRANKEL ST	Roots Ball Lateral	Lateral notice will be sent to property owner.	N/A
150	4131	1923-0110	1923-0114	FRANKEL ST	Roots Ball Joint :104'	Rodder	3/22/2013
151	4131	1923-0143	1923-0144	PARAMOUNT BV	Roots Medium Joint : 139' & Roots Medium Barrel :146'	Rodder	3/25/2013
152	4131	1923-0166	1923-0165	BIXLER AV	Roots Medium Lateral	Lateral notice will be sent to property owner.	N/A
153	4131	1923-0195	1923-0194	HARDWICK ST	Roots Ball Lateral	Lateral notice will be sent to property owner.	N/A
154	4131	1923-0196	1923-0197	HARDWICK ST	Roots & Deposits Attached Grease	Rodder	3/25/2013
155	4131	1923-0197	1923-0390	HARDWICK ST	Roots Medium Connection	Rodder	3/25/2013
156	4131	1923-0220	1923-0219	SILVA ST	Roots Medium Connection	Rodder	3/25/2013
157	4131	1923-0274	1923-0275	LOOMIS ST	Roots Ball Lateral	Lateral notice will be sent to property owner.	N/A
158	4131	1923-0286	1923-0246	ARBOR ST	Roots Medium Joint : 4'	Rodder	3/27/2013
159	4131	1923-0335	1923-0360	COKE AV	Roots Ball Lateral	Lateral notice will be sent to property owner.	N/A
160	4131	1923-0464	1923-0456	COKE AV	Deposits Attached Grease & Water level 30%	Hydrojet	6/11/2013
161	4131	1923-0500	1923-0501	ARBOR ST	Roots Ball Lateral	Lateral notice will be sent to property owner.	N/A
162	4131	1923-0505	1923-0504	ARBOR ST	Roots Ball Connection :251'	Rodder	4/4/2013
163	4131	1923-0683	1923-0684	LAKEWOOD BV	Roots Ball Connection : 86'	Rodder	4/17/2013
164	4131	1924-0021	1924-0022	PIXIE AV	Roots Ball Lateral	Lateral notice will be sent to property owner.	N/A
165	4131	1924-0062	1924-0068	EASEMENT	Roots Ball Joint : 251'-257'	Rodder	4/22/2013
166	4131	1924-0103	1924-0104	LEVELSIDE AV	Roots Medium Joint : 111'	Rodder	4/18/2013
167	4131	1924-0121	1924-0122	FAIRWAY DR	Deposits Attached Grease : 67' & 189'	Hydrojet	4/18/2013
168	4131	1924-0149	1924-0114	HARVEY WY	Roots Ball Lateral : 5' & 7'	Lateral notice will be sent to property owner.	N/A
169	4131	1924-0193	1924-0194	COUNTRY CLUB DR	Roots Ball Lateral	Lateral notice will be sent to property owner.	N/A
170	4131	1924-0199	1924-0200	EASEMENT	Roots Ball Lateral	Lateral notice will be sent to property owner.	N/A
171	4131	1924-0205	1924-0206	ANN ARBOR RD	Roots Ball Lateral	Lateral notice will be sent to property owner.	N/A
172	4131	1924-0219	1924-0209	EASEMENT	Deposits Attached Grease : 97' & 101'	Hydrojet	4/19/2013
173	4131	1924-0220	1924-0221	ANN ARBOR RD	Roots Ball Lateral	Lateral notice will be sent to property owner.	N/A
174	4131	1977-0010	1977-0011	CLARK AV	Roots Ball Lateral	Lateral notice will be sent to property owner.	N/A
175	4131	1977-0084	1977-0085	LORELEI AV	Roots Medium Connection : 107'	Rodder	4/5/2013
176	4127	1923-0287	1923-0256	ARBOR ST	Deposits Attached Grease : 166'	Hydrojet	4/19/2013
177	4124	1923-0450	1923-0451	DEL AMO BV	Deposits Attached Grease & Water level 40%	Hydrojet	6/12/2013
178	4124	1923-0566	1923-0567	LAKEWOOD BV	Roots Ball Connection : 16' & Water Level Sag, 30 %	Rodder	4/15/2013
179	4124	1924-0123	1924-0149	HARVEY WY	Deposits Attached Grease : 168'	Hydrojet	4/18/2013
180	4124	1977-0030	1976-0174	LORELEI AV	Roots Ball Lateral	Lateral notice will be sent to property owner.	N/A
181	4122	1923-0438	1923-0450	CASTANA AV	Roots Ball Lateral	Lateral notice will be sent to property owner.	N/A
182	4122	1923-0441	1923-TRNK	DEL AMO BV	Deposits Attached Grease	Hydrojet	6/14/2013
183	4121	1923-0446	1923-0447	DEL AMO BV	Roots Ball Connection : 82'	Rodder	4/12/2013
184	4121	1923-0449	1923-0450	DEL AMO BV	Deposits Attached Encrustation & Water level 40%	Hydrojet	6/12/2013
185	4121	1923-0481	1923-0482	OLIVA AV	Roots Ball Lateral	Lateral notice will be sent to property owner.	N/A

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186	4121	1924-0155	1924-0156	PARAMOUNT BV	Roots Ball Lateral	Lateral notice will be sent to property owner.	N/A
187	4121	1977-0083	1977-0084	LORELEI AV	Roots Ball Lateral	Lateral notice will be sent to property owner.	N/A
188	4115	1923-0062	1923-0065	MAYBANK AV	Roots Ball Lateral	Lateral notice will be sent to property owner.	N/A
189	4115	1977-0073	1977-0098	PREMIERE AV	Roots Ball Lateral	Lateral notice will be sent to property owner.	N/A
190	4114	1923-0510	1923-0511	CENTRALIA ST	Roots Ball Lateral	Lateral notice will be sent to property owner.	N/A
191	4114	1977-0011	1977-0045	CLARK AV	Roots Ball Connection : 136'	Rodder	4/22/2013
192	4113	1923-0362	1923-0361	MICHELSON ST	Deposits Attached inside Lateral	Lateral notice will be sent to property owner.	N/A
193	4113	1923-0467	1923-0466	COKE AV	Deposits Attached Grease	Hydrojet	6/11/2013
194	4112	1923-0244	1923-0243	OBISPO AV	Roots Ball Connection: 251'	Rodder	3/22/2013
195	4112	1923-0389	1923-0390	DOWNEY AV	Roots Ball Lateral	Lateral notice will be sent to property owner.	N/A
196	4112	1924-0036	1924-0035	BOMBERRY ST	Roots Ball Lateral	Lateral notice will be sent to property owner.	N/A
197	4112	1924-0154	1924-0100	OBISPO AV	Roots Ball Lateral	Lateral notice will be sent to property owner.	N/A
198	4112	1977-0097	1977-0096	DEL AMO BV	Deposits Attached Grease & Water Mark50%	Hydrojet	6/20/2013
199	4111	1923-0085	1923-0084	VANGOLD AV	Roots Ball Lateral	Lateral notice will be sent to property owner.	N/A
200	4111	1923-0192	1923-0193	HARDWICK ST	Roots Medium Lateral	Lateral notice will be sent to property owner.	N/A
201	4111	1923-0539	1923-0540	CAMERINO ST	Roots Ball Lateral	Lateral notice will be sent to property owner.	N/A
202	4111	1923-0540	1923-0541	CAMERINO ST	Roots Ball Lateral	Lateral notice will be sent to property owner.	N/A
203	4111	1923-0542	1923-0543	CAMERINO ST	Water Mark 50%	No action needed.	N/A
204	4111	1923-0638	1923-0658	C ST	Alignment Up 30%	No action needed.	N/A
205	4100	1923-0068	1923-0147	DEL AMO BV	Water Level Sag: 40%	Hydrojet	5/3/2013
206	4100	1923-0146	1923-0147	PARAMOUNT BV	Obstacle Intruding : 207'	Structure issue	N/A
207	4100	1923-0562	1923-0563	LAKEWOOD BV	Roots Ball Lateral	Lateral notice will be sent to property owner.	N/A
208	4100	1924-0185	1924-0186	PARKVIEW DR	Roots Ball Connection : 30'	Rodder	4/19/2013
209	3T24	1923-0553	1923-0554	ALLEY	Deposits Attached Grease & Water level 35%	Hydrojet	6/11/2013
210	3O00	1924-0066	1924-0064	EASEMENT	Water level Sag 45%	Hydrojet	6/19/2013
211	3N24	1923-0397	1923-0398	DOWNEY AV	Water Level Sag: 45 %	Hydrojet	4/22/2013
212	3K11	1923-0394	1923-0395	DOWNEY AV	Water Level Sag: 50 %	Hydrojet	4/22/2013
213	3K00	1924-0070	1924-0069	EASEMENT	Water level Sag 35% : 138'-354'	Hydrojet	6/19/2013
214	3J11	1924-0079	1924-0078	PARAMOUNT BV	Water level Sag 35% : 160'-351'	Hydrojet	5/3/2013
215	3J00	1923-0372	1923-0371	CAMERINO ST	Water Level Sag: 50 %	Hydrojet	3/28/2013
216	3I1G	1924-0042	1924-0033	MAYBANK AV	Water level Sag 35% : 18'-200'	Hydrojet	5/3/2013
217	3I12	1923-0018	1923-0017	MEADOW WOOD AV	Water Level Sag: 45 %	Hydrojet	4/16/2013
218	3I11	1923-0371	1923-0370	CAMERINO ST	Water Level Sag: 40 %	Hydrojet	3/28/2013
219	3G2N	1977-0053	1977-0052	CANDLEWOOD ST	Deposits Attached Encrustation & Water level 40%	Hydrojet	6/19/2013
220	3G2A	1923-0019	1923-0018	MEADOW WOOD AV	Water Level Sag: 40 %	Hydrojet	4/16/2013
221	3G2A	1977-0040	1977-0039	HERSHOLT AV	Water level Sag 35% : 176'-320'	Hydrojet	4/5/2013
222	3G00	1923-0017	1923-0008	DEL BAY ST	Water Level Sag: 40 % 6-160'	Hydrojet	4/16/2013

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223	3F21	1923-0327	1923-0328	DOWNEY AV	Water Level Sag, 50 % : 284'	Hydrojet	4/19/2013
224	3F13	1923-0621	1923-0620	LAKEWOOD BV	Water Level Sag: 35 % :80'-202'	Hydrojet	5/2/2013
225	3F12	1924-0094	1924-0093	OBISPO AV	Water level Sag 35% : 54'-180'	Hydrojet	5/3/2013
226	3D22	1923-0200	1923-0199	YEARLING ST	Water Level Sag: 35 % 208-300'	Hydrojet	4/18/2013
227	3D1A	1923-0132	1923-0383	CANDLEWOOD ST	Roots Medium Joint	Rodder	3/22/2013
228	3D11	1923-0546	1977-0044	CAMERINO AV	Water Level Sag: 35 %	Hydrojet	6/11/2013
229	3D00	1923-0395	1923-0396	DOWNEY AV	Water Level Sag: 50 %	Hydrojet	4/22/2013
230	3C2B	1923-0021	1923-0020	MEADOW WOOD AV	Water Level Sag: 40%	Hydrojet	4/16/2013
231	3C2B	1923-0374	1923-0373	CAMERINO ST	Water Level Sag: 40 %	Hydrojet	3/28/2013
232	3C2A	1923-0020	1923-0019	MEADOW WOOD AV	Water Level Sag: 40%	Hydrojet	4/16/2013
233	3C2A	1923-0379	1923-0372	HAYTER AV	Tap Break-in Defective :222'	Hydrojet	5/13/2013
234	3C21	1977-0048	1977-0047	CANDLEWOOD ST	Water level Sag 35%	Hydrojet	6/19/2013
235	3C12	1923-0368	1923-0327	EASEMENT	Water Level Sag: 40 %	Hydrojet	3/28/2013
236	3C00	1923-0358A	1923-0357	ALLEY	Water Level Sag: 50 %	Rodder	4/3/2013
237	3B11	1923-0457	1923-0456	DEL AMO BV	Water Level Sag: 35%-45 %	Hydrojet	6/14/2013
238	3B11	1924-0054	1924-0068	EASEMENT	Water level Sag 35% : 273'-345'	Hydrojet	6/19/2013
239	3B00	1977-0044	1977-0045	CAMERINO AV	Water level Sag 45% : 187'-257'	Hydrojet	4/5/2013
240	3A2G	1977-0187	1977-0053	CANDLEWOOD ST	Deposits Attached Encrustation & Water level 40%	Hydrojet	6/21/2013
241	3A21	1923-0248	1923-0247	OBISPO AV	Water Level Sag: 40% 217-258'	Rodder	3/22/2013
242	3A21	1977-0018	1977-0019	PREMIERE AV	Roots Medium Connection : 69'	Rodder	4/5/2013
243	3A1G	1923-0670	1923-0459	DEL AMO BV	Roots Medium Joint :95' & Water Level Sag: 35 % :18'-56'	Rodder	4/12/2013
244	3A12	1924-0096	1924-0095	OBISPO AV	Water level Sag 35% : 44'-83'	Hydrojet	5/3/2013
245	3A11	1923-0242	1923-0233	OBISPO AV	Water Level Sag: 40%	Rodder	3/22/2013
246	3A00	1923-0011	1923-0010	DEL BAY ST	High water level: 40 % 138-188'	Hydrojet	4/17/2013
247	392B	1923-0012	1923-0011	ELDERHALL AV	High water level: 40 % 251-285'	Hydrojet	4/17/2013
248	372E	1923-0476	1923-0458	CASTANA AV	Deposits Attached Grease & Roots Medium Joint	Rodder	4/18/2013
249	371M	1923-0305	1923-0304	FRANKEL ST	Roots Medium Joint : 135' & 153'	Rodder	3/27/2013
250	371J	1923-0505	1923-0681	ARBOR ST	Roots Medium Joint : 49' & 152'	Rodder	4/4/2013
251	362H	1923-0201	1923-0202	YEARLING ST	Water Level Sag: 40 % 92-116'	Hydrojet	4/18/2013
252	362B	1923-0016	1923-0073	DEL HOLLOW ST	High water level: 40 % 263-289'	Hydrojet	4/16/2013
253	362A	1923-0073	1923-0074	DEL HOLLOW ST	Water Level Sag: 45 %	Hydrojet	4/17/2013
254	361A	1977-0199	1977-0200	AUTRY AV	Roots Medium Joint : 235' & 293'	Rodder	4/22/2013
255	351D	1923-0619	1923-0620	LAKEWOOD BV	Water Level Sag: 35 % :20'-38'	Hydrojet	5/2/2013
256	351A	1923-0061	1923-0062	ECKLESON ST	Roots Medium Connection :250'	Rodder	3/20/2013
257	341G	1923-0285	1923-0286	ARBOR ST	Roots Medium Joint : 27' & 243'	Rodder	3/27/2013
258	341D	1924-0019	1924-0020	PIXIE AV	Roots Medium Lateral	Lateral notice will be sent to property owner.	N/A
259	332P	1923-0238	1923-0237	PARAMOUNT BV	Roots Medium Joint	Rodder	3/26/2013

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260	331L	1977-0068	1977-0069	PREMIERE AV	Roots Medium Lateral	Lateral notice will be sent to property owner.	N/A
261	331E	1923-0297	1923-0248	FAIRMAN ST	Roots Medium Joint : 172' & 203'	Rodder	3/27/2013
262	331D	1924-0125	1924-0126	BOMBERRY ST	Roots Medium Lateral :	Lateral notice will be sent to property owner.	N/A
263	322A	1977-0067	1977-0097	FIDLER AV	Deposits Attached Grease	Hydrojet	4/5/2013
264	321H	1924-0186	1924-0187	PARKVIEW DR	Roots Medium Lateral	Lateral notice will be sent to property owner.	N/A
265	321G	1924-0191	1923-0531	COUNTRY CLUB DR	Roots Medium Lateral	Lateral notice will be sent to property owner.	N/A
266	321F	1977-0008	1977-0009	CLARK AV	Roots Medium Connection : 36'	Rodder	4/23/2013
267	321A	1923-0134	1923-0133	CANDLEWOOD ST	Roots Medium Joint	Rodder	3/22/2013
268	321A	1923-0480	1923-0459	OLIVA AV	Roots Medium Connection : 203'	Rodder	3/29/2013
269	321A	1924-0006	1924-0005	DEEBOYAR AV	Roots Medium Lateral	Lateral notice will be sent to property owner.	N/A
270	312M	1977-0051	1977-0050	CANDLEWOOD ST	Deposits Attached Encrustation	Hydrojet	6/19/2013
271	312K	1923-0255	1923-0254	LEVELSIDE AV	Deposits Attached Grease	Hydrojet	4/19/2013
272	312E	1977-0031	1977-0032	LORELEI AV	Roots Medium Lateral	Lateral notice will be sent to property owner.	N/A
273	312D	1923-0253	1923-0252	LEVELSIDE AV	Roots & Deposits Attached Grease	Rodder	4/2/2013
274	312C	1923-0680	1923-0679	CENTRALIA ST	Roots Medium Lateral	Lateral notice will be sent to property owner.	N/A
275	312B	1924-0047	1924-0048	EASEMENT	Roots Medium Connection : 94' & Deposits Attached Grease	Rodder	4/22/2013
276	312A	1923-0054	1923-0143	HARDWICK ST	Roots Medium Joint : 209'	Rodder	3/20/2013
277	312A	1923-0607	1923-0537	PENNSWOOD AV	Roots Medium Connection : 161'	Rodder	4/17/2013
278	312A	1923-0696	1923-0695	EASEMENT	Obstacle Rocks : 74'	Hydrojet	6/20/2013
279	311L	1923-0501	1923-0502	ARBOR ST	Roots Medium Lateral	Lateral notice will be sent to property owner.	N/A
280	311H	1924-0122	1924-0123	FAIRWAY DR	Roots Medium Lateral	Lateral notice will be sent to property owner.	N/A
281	311H	1924-0203	1924-0204	ANN ARBOR RD	Roots Medium Lateral	Lateral notice will be sent to property owner.	N/A
282	311G	1924-0014	1924-0013	VANGOLD AV	Roots Medium Joint	Rodder	4/18/2013
283	311G	1977-0087	1977-0086	HERSHOLT AV	Roots Medium Lateral	Lateral notice will be sent to property owner.	N/A
284	311F	1923-0292	1923-0293	CENTRALIA ST	Roots Medium Lateral	Lateral notice will be sent to property owner.	N/A
285	311E	1923-0066	1923-0036	DEL AMO BV	Roots Medium Lateral	Lateral notice will be sent to property owner.	N/A
286	311E	1924-0011	1924-0002	VANGOLD AV	Roots Medium Joint : 181'	Rodder	4/18/2013
287	311C	1923-0098	1923-0238	CENTRALIA ST	Roots Medium Joint : 222'	Rodder	3/25/2013
288	311C	1924-0042	1924-0084	GREENMEADOW RD	Roots Medium Lateral	Lateral notice will be sent to property owner.	N/A
289	311C	1924-0198	1924-0199	EASEMENT	Roots Medium Lateral	Lateral notice will be sent to property owner.	N/A
290	311B	1923-0094	1923-0093	PIXIE AV	Roots Medium Lateral	Lateral notice will be sent to property owner.	N/A
291	311B	1924-0192	1924-0193	COUNTRY CLUB DR	Roots Medium Lateral	Lateral notice will be sent to property owner.	N/A
292	311A	1923-0065	1923-0067	MAYBANK AV	Roots Medium Latera	Lateral notice will be sent to property owner.	N/A
293	311A	1923-0173	1923-0042	DOLLAR ST	Roots Medium Lateral	Lateral notice will be sent to property owner.	N/A
294	311A	1923-0308	1923-0309	GREENTOP ST	Roots Medium Joint :78'	Rodder	3/27/2013
295	311A	1923-0674	1923-0673	PIMENTA AV	Roots Medium Lateral	Lateral notice will be sent to property owner.	N/A
296	311A	1924-0038	1924-0081	WARWOOD RD	Roots	Rodder	4/18/2013

ENCLOSURE 2
QUICK MAINTENANCE RATING REPORT PRIORITY LIST
CITY OF LAKEWOOD (Y0TV1011B)
as of 08/08/11

NO.	QMR	START MH	END MH	STREET	OBSERVATION	CORRECTIVE ACTION TAKEN	COMPLETED DATE
297	3922	1923-0022	1923-0021	MEADOW WOOD AV	Water Level Sag: 40%	Hydrojet	4/16/2013
298	3913	1924-0078	1923-0241	PARAMOUNT BV	Water level Sag 40% : 155'-190'	Hydrojet	6/18/2013
299	3821	1923-0619	1923-0618	LAKEWOOD BV	Water Level Sag: 35 % :0'-30'	Hydrojet	5/2/2013
300	3813	1923-0617	1923-0621	EASEMENT	Water Level Sag: 35 % :201'-249'	Hydrojet	5/2/2013
301	3812	1923-0393	1923-0394	DOWNEY AV	Water Level Sag: 45 %	Hydrojet	4/22/2013
302	3721	1923-0236	1923-0235	PARAMOUNT BV	Water Level Sag: 40% 49-71'	Hydrojet	4/19/2013
303	3721	1977-0042	1977-0053	HERSHOLT AV	Roots Medium Joint : 61' & 197'	Rodder	4/5/2013
304	3700	1923-0563	1923-0564	LAKEWOOD BV	Water Level Sag, 45 % : 303'-327'	Hydrojet	6/11/2013
305	3621	1924-0008	1924-0007	DEEBOYAR AV	Roots & Water level Sag 35% : 186'-210'	Rodder	4/12/2013
306	3613	1924-0097	1924-0096	OBISPO AV	Water level Sag 35% : 232'-255'	Hydrojet	4/18/2013
307	3613	1977-0104	1977-0105	AUTRY AV	Roots Medium Connection : 108'	Rodder	4/23/2013
308	3611	1924-0092	1923-0251	OBISPO AV	Water level Sag 45% : 58'-82'	Hydrojet	5/3/2013
309	3521	1923-0525	1923-0526	BOUTON DR	Roots Medium Joint : 128' & 145'	Rodder	4/3/2013
310	3512	1923-0504	1923-0503	ARBOR ST	Water Level Sag: 40 % : 296'-313'	Hydrojet	5/3/2013
311	3500	1924-0073	1924-0072	EASEMENT	Obstacle Rocks : 0' -18'	Hydrojet	6/19/2013
312	3421	1924-0003	1924-0002	DEEBOYAR AV	Roots Medium Connection : 115', 179',220' & 247'	Rodder	4/12/2013
313	3421	1924-0124	1924-0123	FAIRWAY DR	Roots Medium Joint : 163'	Rodder	4/22/2013
314	3421	1924-0182	1924-0183	PARKVIEW DR	Roots Medium Joint : 3'	Rodder	4/19/2013
315	3421	1977-0081	1977-0082	LORELEI AV	Roots Medium Joint	Rodder	4/5/2013
316	3418	1923-0352	1923-0353	OLIVA AV	Roots Medium Lateral	Lateral notice will be sent to property owner.	N/A
317	3417	1923-0524	1923-0523	FAIRMAN ST	Roots Medium Joint : 159' & 218'	Rodder	4/3/2013
318	3414	1924-0007	1924-0006	DEEBOYAR AV	Water level Sag 45% : 263'-279'	Hydrojet	6/18/2013
319	3413	1923-0120	1923-0695	EASEMENT	Water Level Sag: 45% -80%	Hydrojet	5/1/2013
320	3323	1923-0384	1923-0412	BARLIN AV	Roots Medium Joint : 55'	Rodder	3/29/2013
321	3322	1923-0310	1924-0111	CLUBHOUSE DR	Roots Medium Joint : 242'	Rodder	3/27/2013
322	3322	1923-0528	1923-0527	BOUTON DR	Roots Medium Joint : 117'	Rodder	4/4/2013
323	3321	1923-0284	1923-0285	ARBOR ST	Roots Medium Lateral	Lateral notice will be sent to property owner.	N/A
324	3319	1923-0090	1923-0091	PIXIE AV	Roots Medium Lateral	Lateral notice will be sent to property owner.	N/A
325	3316	1924-0127	1924-0093	BOMBERRY ST	Roots Medium Joint & : 110'	Rodder	4/19/2013
326	3313	1977-0206	1977-0207	MONTAIR AV	Roots Medium Connection : 243'	Rodder	4/23/2013
327	3228	1924-0002	1924-0001	DEEBOYAR AV	Roots Medium Lateral : 73' & 176'	Lateral notice will be sent to property owner.	N/A
328	3225	1923-0223	1923-0224	DEL AMO BV	Roots & Deposits Attached Grease	Rodder	3/26/2013
329	3224	1923-0226	1923-0227	DEL AMO BV	Roots Medium Joint : 68' & 88' & Deposits Attached Grease	Rodder	3/26/2013
330	3224	1923-0382	1923-0406	VERDURA AV	Roots Medium Connection : 192'	Rodder	3/29/2013
331	3223	1923-0432	1923-0448	HAYTER AV	Roots Medium Lateral	Lateral notice will be sent to property owner.	N/A
332	3223	1924-0210	1923-0524	FAIRMAN ST	Roots Medium Joint & Deposits Attached Grease : 239'	Rodder	4/19/2013
333	3222	1923-0426	1923-0690	COKE AV	Deposits Attached Encrustation : 248' '	Hydrojet	5/1/2013

ENCLOSURE 2
QUICK MAINTENANCE RATING REPORT PRIORITY LIST
CITY OF LAKEWOOD (Y0TV1011B)
as of 08/08/11

NO.	QMR	START MH	END MH	STREET	OBSERVATION	CORRECTIVE ACTION TAKEN	COMPLETED DATE
334	3222	1923-0689	1924-0222	LAKEWOOD BV	Roots Medium Lateral	Lateral notice will be sent to property owner.	N/A
335	3222	1977-0080	1977-0036	LORELEI AV	Roots Medium Joint : 288'	Rodder	4/5/2013
336	3221	1923-0025	1923-0026	DEEBOYAR AV	Roots Medium Lateral	Lateral notice will be sent to property owner.	N/A
337	3221	1923-0028	1923-0029	DEEBOYAR AV	Roots Medium Lateral	Lateral notice will be sent to property owner.	N/A
338	3221	1923-0160	1923-0161	LEVELSIDE AV	Roots Medium Lateral	Lateral notice will be sent to property owner.	N/A
339	3221	1923-0230	1923-0231	DEL AMO BV	Roots Medium Lateral	Lateral notice will be sent to property owner.	N/A
340	3221	1923-0303	1923-0249	ELKPORT ST	Roots Medium Joint	Rodder	3/27/2013
341	3221	1923-0519	1923-0520	FAIRMAN ST	Roots Medium Joint : 54'	Rodder	4/13/2013
342	3221	1977-0201	1977-0202	AUTRY AV	Deposits Attached Grease & Roots Medium Joint	Hydrojet	6/21/2013
343	3219	1923-0092	1923-0091	PIXIE AV	Roots Medium Lateral	Lateral notice will be sent to property owner.	N/A
344	3219	1923-0095	1923-0096	MAYBANK AV	Roots Medium Lateral	Lateral notice will be sent to property owner.	N/A
345	3216	1923-0112	1923-0111	FRANKEL ST	Roots Medium Lateral	Lateral notice will be sent to property owner.	N/A
346	3215	1923-0063	1923-0064	SILVA ST	Roots Medium Lateral	Lateral notice will be sent to property owner.	N/A
347	3215	1924-0114	1924-0113	CLUBHOUSE DR	Roots Medium Lateral	Lateral notice will be sent to property owner.	N/A
348	3214	1923-0185	1923-0186	DENMEAD ST	Roots Medium Lateral	Lateral notice will be sent to property owner.	N/A
349	3214	1923-0571	1923-0572	LAKEWOOD BV	Roots Medium Lateral	Lateral notice will be sent to property owner.	N/A
350	3214	1977-0032	1977-0033	LORELEI AV	Roots Medium Lateral	Lateral notice will be sent to property owner.	N/A
351	3213	1923-0400	1923-0401	DOWNEY AV	Roots Medium Joint : 168'-177'	Rodder	4/4/2013
352	3212	1923-0243	1923-0242	OBISPO AV	Roots Medium Connection : 251'	Rodder	3/22/2013
353	3200	1923-0599	1923-0600	GRAYWOOD AV	Roots Medium Connection : 9'	Rodder	4/17/2013
354	3200	1923-0709	1923-0710	RYAN AV	Water level Sag 35% : 217'-225'	Hydrojet	6/20/2013
355	3129	1923-0512	1923-0472	CENTRALIA ST	Deposits Attached Grease & Obstacle Thru connection : 63'	Hydrojet	5/3/2013
356	3128	1977-0004	1977-0005	SUNFIELD AV	Roots Medium Connection : 74'	Rodder	4/22/2013
357	3126	1923-0233	1923-0234	DEL AMO BV	Roots Medium Joint : 222' & Deposits Attached Grease	Rodder	3/26/2013
358	3124	1924-0005	1924-0004	DEEBOYAR AV	Roots Medium Latera	Lateral notice will be sent to property owner.	N/A
359	3123	1923-0300	1923-0517	FAIRMAN ST	Roots Medium Lateral	Lateral notice will be sent to property owner.	N/A
360	3122	1923-0289	1923-0290	CENTRALIA ST	Roots Medium Lateral	Lateral notice will be sent to property owner.	N/A
361	3122	1924-0216	1924-0217	FLEET HAVEN RD	Deposits Attached Grease : 172'	Hydrojet	6/19/2013
362	3122	1977-0076	1977-0077	PEARCE AV	Roots Medium Lateral	Lateral notice will be sent to property owner.	N/A
363	3121	1923-0106	1923-0235	DEERFORD ST	Roots Medium Lateral	Lateral notice will be sent to property owner.	N/A
364	3121	1923-0195	1923-0196	HARDWICK ST	Roots Ball Lateral	Lateral notice will be sent to property owner.	N/A
365	3121	1923-0271	1923-0243	DEERFORD ST	Roots & Deposits Attached	Rodder	3/26/2013
366	3121	1923-0293	1923-0294	CENTRALIA ST	Roots Medium Lateral	Lateral notice will be sent to property owner.	N/A
367	3121	1923-0299	1923-0300	FAIRMAN ST	Roots Medium Lateral	Lateral notice will be sent to property owner.	N/A
368	3121	1923-0328	1923-0329	DOWNEY AV	Roots Medium Lateral	Lateral notice will be sent to property owner.	N/A
369	3121	1923-0443A	1923-0444	DEL AMO BV	Roots Medium Connection : 85'	Rodder	4/12/2013
370	3121	1923-0491	1923-0462	LOOMIS ST	Roots Medium Lateral : 4'	Lateral notice will be sent to property owner.	N/A

ENCLOSURE 2
QUICK MAINTENANCE RATING REPORT PRIORITY LIST
CITY OF LAKEWOOD (Y0TV1011B)
as of 08/08/11

NO.	QMR	START MH	END MH	STREET	OBSERVATION	CORRECTIVE ACTION TAKEN	COMPLETED DATE
371	3121	1923-0555	1977-0046	EASEMENT	Deposits Attached Grease inside MH 0046	Hydrojet	6/11/2013
372	3121	1923-0573	1923-0539	CAMERINO ST	Roots Medium Lateral	Lateral notice will be sent to property owner.	N/A
373	3121	1923-0673	1923-0672	PIMENTA AV	Roots Medium Lateral	Lateral notice will be sent to property owner.	N/A
374	3121	1924-0098	1924-0097	OBISPO AV	Roots Medium Lateral	Lateral notice will be sent to property owner.	N/A
375	3121	1924-0133	1924-0134	HARVEY WY	Roots Medium Lateral	Lateral notice will be sent to property owner.	N/A
376	3118	1923-0188	1923-0154	DENMEAD ST	Roots Medium Lateral	Lateral notice will be sent to property owner.	N/A
377	3118	1977-0216	1977-0215	BELLFLOWER AV	Roots Medium Lateral	Lateral notice will be sent to property owner.	N/A
378	3117	1923-0032	1923-0144	YEARLING ST	Roots Medium Lateral	Lateral notice will be sent to property owner.	N/A
379	3117	1923-0104	1923-0105	DEERFORD ST	Roots Medium Lateral	Lateral notice will be sent to property owner.	N/A
380	3117	1924-0021	1924-0020	PIXIE AV	Roots Medium Lateral	Lateral notice will be sent to property owner.	N/A
381	3116	1923-0311	1923-0310	CLUBHOUSE DR	Roots Medium Joint :243'	Rodder	3/27/2013
382	3116	1924-0140	1924-0116	WARWOOD RD	Roots Medium Joint : 240'	Rodder	4/22/2013
383	3115	1923-0105	1923-0106	DEERFORD ST	Roots Medium Lateral	Lateral notice will be sent to property owner.	N/A
384	3115	1923-0151	1923-0152	OBISPO AV	Roots Medium Lateral	Lateral notice will be sent to property owner.	N/A
385	3115	1923-0351	1923-0352	OLIVA AV	Roots Medium Latera	Lateral notice will be sent to property owner.	N/A
386	3115	1977-0200	1977-0201	AUTRY AV	Roots Medium Joint : 65'	Rodder	4/23/2013
387	3114	1923-0034	1923-0061	ECKLESON ST	Roots Medium Joint : 38'	Rodder	3/20/2013
388	3114	1923-0124	1923-0125	WOLFE ST	Roots Medium Lateral	Lateral notice will be sent to property owner.	N/A
389	3114	1923-0472	1923-0503	HAYTER AV	Roots Medium Lateral	Lateral notice will be sent to property owner.	N/A
390	3114	1923-0492	1923-0491	LOOMIS ST	Roots Medium Lateral	Lateral notice will be sent to property owner.	N/A
391	3114	1923-0529	1923-0530	COUNTRY CLUB DR	Roots Medium Lateral	Lateral notice will be sent to property owner.	N/A
392	3114	1977-0009	1977-0010	CLARK AV	Roots Medium Lateral	Lateral notice will be sent to property owner.	N/A
393	3114	1977-0069	1977-0070	PREMIERE AV	Roots Medium Lateral	Lateral notice will be sent to property owner.	N/A
394	3114	1977-0087	1977-0088	HERSHOLT AV	Roots Medium Lateral	Lateral notice will be sent to property owner.	N/A
395	3113	1923-0059	1923-0060	SPARROW HILL LN	Deposits Settled Compacted : 0'	Hydrojet	4/17/2013
396	3113	1923-0083	1923-0114	GREENTOP ST	Roots Medium Joint : 10'	Rodder	3/21/2013
397	3113	1923-0123	1923-0124	WOLFE ST	Roots Medium Lateral	Lateral notice will be sent to property owner.	N/A
398	3113	1923-0354	1923-0355	OLIVA AV	Roots Medium Lateral	Lateral notice will be sent to property owner.	N/A
399	3113	1923-0513	1923-0514	CENTRALIA ST	Roots Medium Connection	Rodder	4/3/2013
400	3113	1923-0513	1923-0472	CENTRALIA ST	Roots Medium Joint :87'	Rodder	4/3/2013
401	3113	1923-0672	1923-0670	PIMENTA AV	Roots Medium Lateral	Lateral notice will be sent to property owner.	N/A
402	3113	1923-0677	1923-0678	PIMENTA AV	Roots Medium Latera	Lateral notice will be sent to property owner.	N/A
403	3113	1924-0020	1924-0038	WARWOOD RD	Roots Medium Lateral	Lateral notice will be sent to property owner.	N/A
404	3113	1924-0126	1924-0127	BOMBERRY ST	Roots Medium Lateral	Lateral notice will be sent to property owner.	N/A
405	3112	1923-0125	1923-0317	WOLFE ST	Roots Medium Lateral	Lateral notice will be sent to property owner.	N/A
406	3112	1923-0172	1923-0151	DANELAND ST	Roots Medium Lateral	Lateral notice will be sent to property owner.	N/A
407	3112	1923-0184	1923-0185	DENMEAD ST	Roots Medium Lateral	Lateral notice will be sent to property owner.	N/A

ENCLOSURE 2
QUICK MAINTENANCE RATING REPORT PRIORITY LIST
CITY OF LAKEWOOD (Y0TV1011B)
as of 08/08/11

NO.	QMR	START MH	END MH	STREET	OBSERVATION	CORRECTIVE ACTION TAKEN	COMPLETED DATE
408	3112	1923-0340	1923-0341	HAYTER AV	Roots Medium Lateral	Lateral notice will be sent to property owner.	N/A
409	3112	1923-0570	1923-0571	LAKEWOOD BV	Roots Medium Lateral	Lateral notice will be sent to property owner.	N/A
410	3112	1923-0584	1923-0585	BONFAIR AV	Roots Medium Lateral	Lateral notice will be sent to property owner.	N/A
411	3112	1923-0595	1923-0596	HAZELBROOK AV	Roots Medium Lateral	Lateral notice will be sent to property owner.	N/A
412	3112	1923-0612	1923-0611	WHITEWOOD AV	Roots Medium Lateral	Lateral notice will be sent to property owner.	N/A
413	3112	1924-0014	1924-0015	VANGOLD AV	Roots Medium Latera	Lateral notice will be sent to property owner.	N/A
414	3112	1924-0102	1924-0101	LEVELSIDE AV	Roots Medium Lateral	Lateral notice will be sent to property owner.	N/A
415	3112	1977-0060	1977-TRNK	CLARK AV	Obstacle Pipe Material : 6'	Hydrojet	6/20/2013
416	3112	1977-0074	1977-0029	PEARCE AV	Roots Medium Lateral	Lateral notice will be sent to property owner.	N/A
417	3111	1923-0153	1923-0154	OBISPO AV	Roots Medium Lateral	Lateral notice will be sent to property owner.	N/A
418	3111	1923-0183	1923-0153	DASHWOOD ST	Roots Medium Lateral	Lateral notice will be sent to property owner.	N/A
419	3111	1923-0193	1923-0155	HARDWICK ST	Roots Ball Lateral : 171'	Lateral notice will be sent to property owner.	N/A
420	3111	1923-0212	1923-0213	ECKLESON ST	Roots Medium Lateral	Lateral notice will be sent to property owner.	N/A
421	3111	1923-0241	1923-0240	PARAMOUNT BV	Roots Medium Connection :139'	Rodder	3/26/2013
422	3111	1923-0338	1923-0371	COKE AV	Roots Medium Latera	Lateral notice will be sent to property owner.	N/A
423	3111	1923-0459	1923-0458	DEL AMO BV	Roots Medium Joint :126'	Rodder	4/12/2013
424	3111	1923-0521	1923-0473	FAIRMAN ST	Roots Medium Lateral	Lateral notice will be sent to property owner.	N/A
425	3111	1923-0578	1923-0579	PEPPERWOOD AV	Roots Medium Lateral	Lateral notice will be sent to property owner.	N/A
426	3111	1923-0579	1923-0580	PEPPERWOOD AV	Roots Medium Lateral	Lateral notice will be sent to property owner.	N/A
427	3111	1923-0589	1923-0590	BLACKTHRONE AV	Roots Medium Lateral	Lateral notice will be sent to property owner.	N/A
428	3111	1923-0609	1923-0610	WHITEWOOD AV	Roots Medium Lateral	Lateral notice will be sent to property owner.	N/A
429	3111	1923-0654	1923-0660	SILVA ST	Obstacle Other : 261' Unable to pass	Hydrojet	5/2/2013
430	3111	1924-0017	1924-0016	PIXIE AV	Roots Medium Lateral	Lateral notice will be sent to property owner.	N/A
431	3111	1924-0052	1924-0158	COVER ST	Roots Medium Connection : 92	Rodder	4/22/2013
432	3111	1924-0099	1924-0098	OBISPO AV	Roots Medium Connection : 191'	Rodder	4/18/2013
433	3111	1924-0133	1924-0132	HARVEY WY	Roots Medium Lateral	Lateral notice will be sent to property owner.	N/A
434	3111	1924-0168	1924-0167	EASEMENT	Roots Medium Lateral	Lateral notice will be sent to property owner.	N/A
435	3111	1977-0022	1977-0068	PREMIERE AV	Roots Medium Lateral	Lateral notice will be sent to property owner.	N/A
436	3111	1977-0046	1977-TRNK	EASEMENT	Deposits Attached Grease inside MH	Hydrojet	6/19/2013
437	3100	1923-0095	1923-0109	LOOMIS ST	Roots Medium Lateral	Lateral notice will be sent to property owner.	N/A
438	3100	1923-0108	1923-0107	LOOMIS ST	Roots Medium Joint : 88'	Rodder	4/2/2013
439	3100	1923-0180	1923-0181	DASHWOOD ST	Roots Medium Lateral	Lateral notice will be sent to property owner.	N/A
440	3100	1923-0296	1923-0297	FAIRMAN ST	Roots Medium Lateral	Lateral notice will be sent to property owner.	N/A
441	3100	1923-0359	1923-0358	ALLEY	Tap Break-in Intruding :113'	Hydrojet	4/19/2013
442	3100	1923-0399	1923-0400	DOWNEY AV	Roots Medium Joint :57'	Rodder	4/4/2013
443	3100	1923-0598	1922-0315	GRAYWOOD AV	Roots Medium Lateral :	Lateral notice will be sent to property owner.	N/A
444	3100	1923-0600	1923-0601	GRAYWOOD AV	Roots Medium Lateral	Lateral notice will be sent to property owner.	N/A

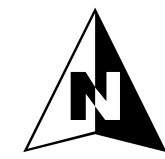
ENCLOSURE 2
QUICK MAINTENANCE RATING REPORT PRIORITY LIST
CITY OF LAKEWOOD (Y0TV1011B)
as of 08/08/11

NO.	QMR	START MH	END MH	STREET	OBSERVATION	CORRECTIVE ACTION TAKEN	COMPLETED DATE
445	3100	1924-0074	1924-0073	EASEMENT	Obstacle Rocks : 304'	Hydrojet	6/19/2013
446	3100	1977-0017	1977-EAST	BIGELOW ST	Deposits Ingressed: 0'	Hydrojet	6/20/2013

CCTV PROJECT
YOTV1011B

LAKWOOD

QUICK
MAINTENANCE
RATING
(QMR)



Legend

SMD Sanitary Sewers

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

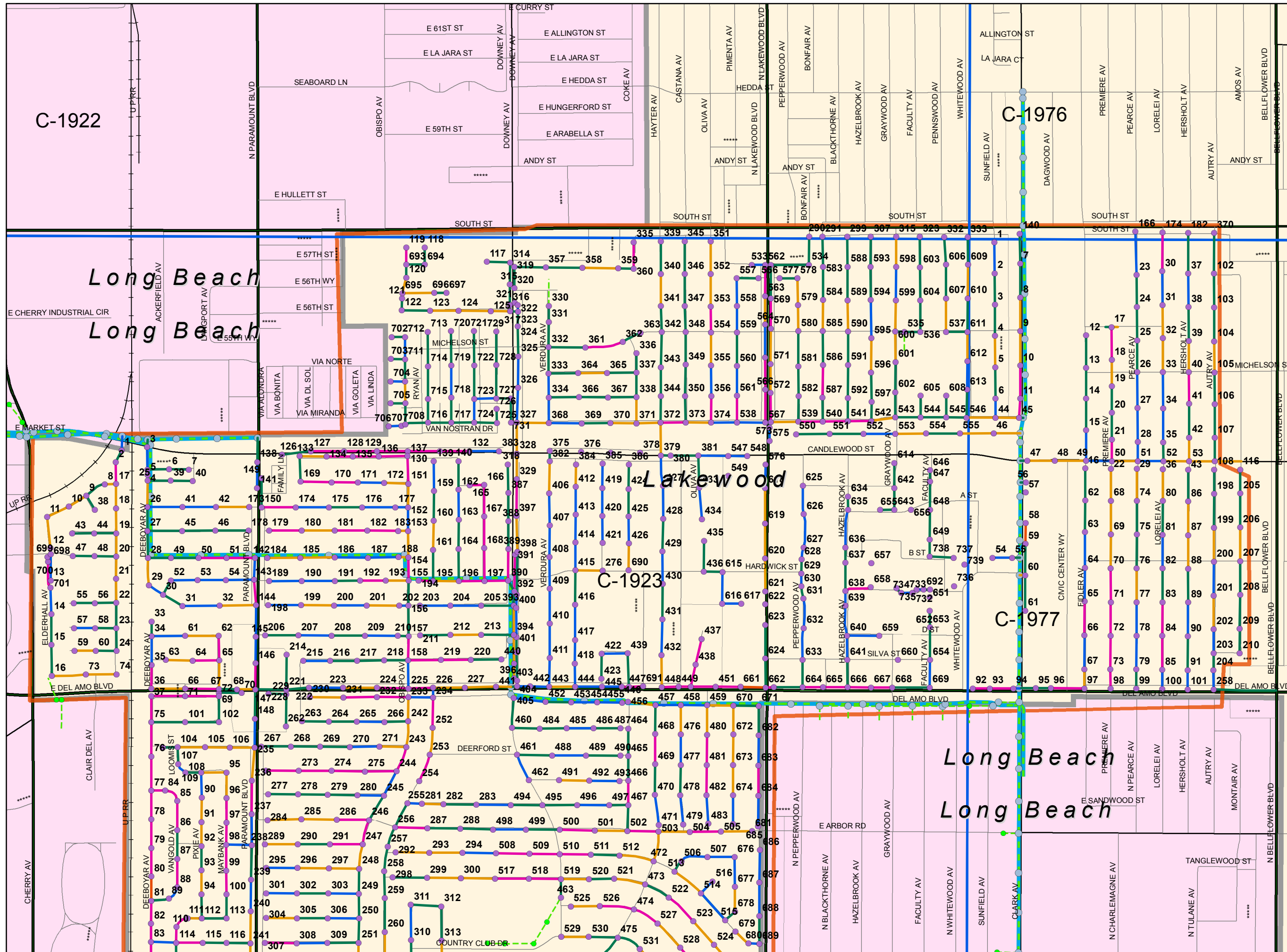
SMD Manholes

- Other
- 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
- YOTV1011B

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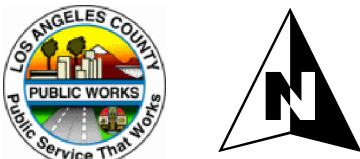
ENCLOSURE 2

CCTV PROJECT

Y0TV1011B

LAKWOOD

QUICK MAINTENANCE RATING (QMR)



0 410 820 1,230 1,640
Feet

Legend

SMD Sanitary Sewers

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

SMD Manholes

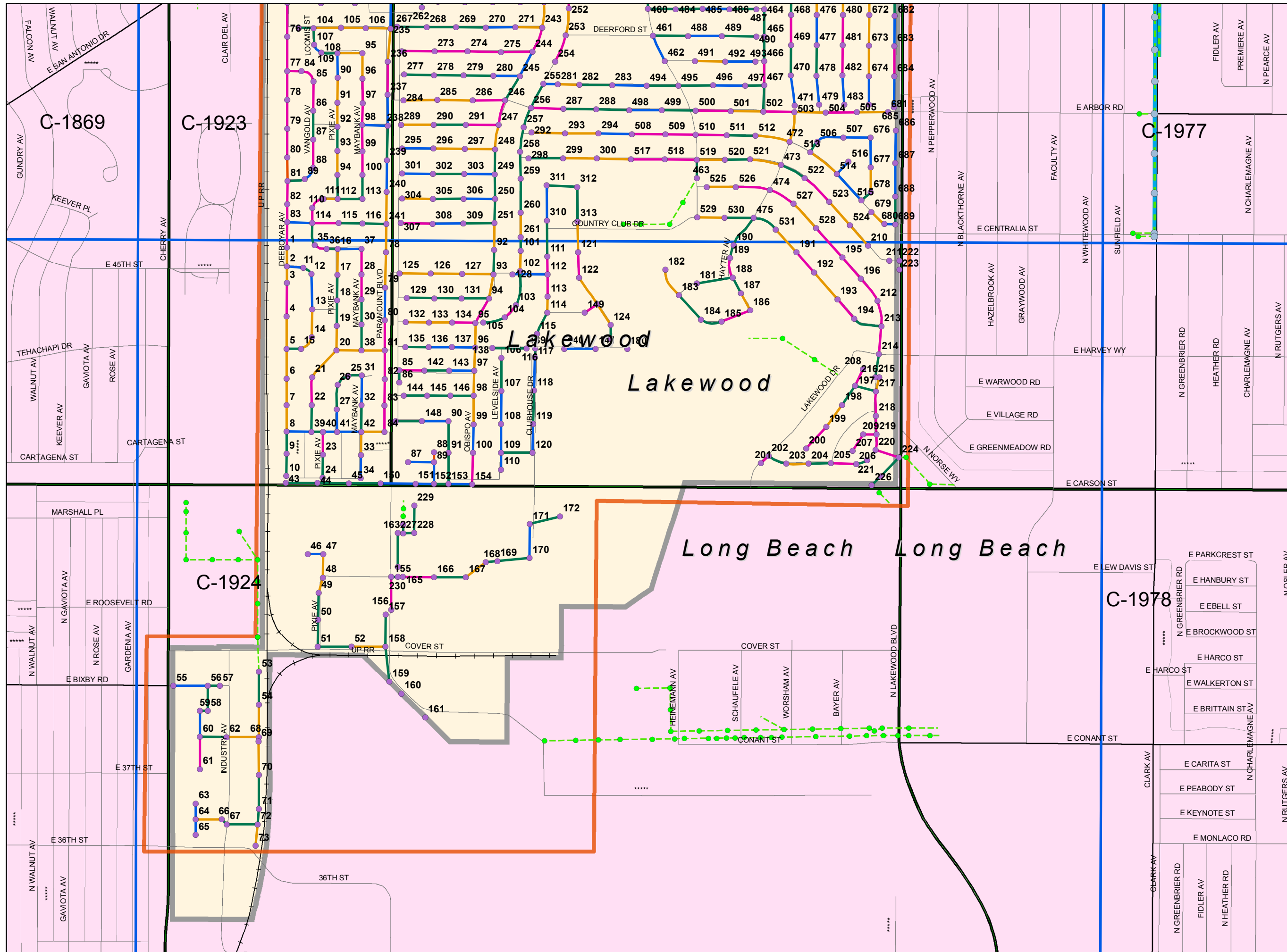
- Other
- Standard
- DROP
- Shallow
- Trap
- Siphon
- SMD Pump Stations
- SMD Treatment Plants

Maintained by Others:

- Trunk Sewerlines
- Non SMD Sanitary Sewers
- Non SMD Maintained MH
- SMD Operations Maps
- Y0TV1011B

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JANUARY 2014



C-1869

C-1923

C-1977

C-1924

C-1978

Lakewood

Lakewood

Long Beach Long Beach

ENCLOSURE 2
HIGH WATER LEVELS
CITY OF LAKEWOOD (Y0TV1011B)
as of 08/08/11

Item No.	QMR	START MH	END MH	STREET	OBSERVATION	
1	5142	1923-0691	1923-0448	DEL AMO BV	Water level	40%-60%
2	5131	1923-0661	1923-0662	DEL AMO BV	Water level	40%
3	4E3A	1923-0247	1923-0246	OBISPO AV	Camera Underwater	100% :0'-42'
4	4E2L	1923-0391	1923-0392	DOWNEY AV	Camera Underwater	100% 231'-347'
5	4A11	1923-0403	1923-0404	DOWNEY AV	Camera Underwater	100% 6'-53'
6	493J	1923-0701	1923-0700	ELDERHALL AV	Water level	35%-45%
7	4800	1923-0695	1923-0120	EASEMENT	Water level Sag	55%-80%
8	4438	1923-0017	1923-0002	MEADOW WOOD AV	Camera under water	100% 224'-256'
9	4337	1923-0121	1923-0695	OBISPO AV	Camera Underwater	100% 50'-77'
10	4333	1923-0225	1923-0226	DEL AMO BV	Water Level Sag	55%
11	4231	1923-0662	1923-0663	DEL AMO BV	Water level	50%
12	413N	1977-0041	1977-0040	HERSHOLT AV	Water level Sag	35% : 65'-322'
13	413L	1977-0093	1977-0094	DEL AMO BV	Water Mark	60%
14	413C	1923-0329	1923-0397	DOWNEY AV	Water Level Sag	40%
15	413B	1923-0227	1923-0441	DEL AMO BV	Water Level Sag	50%
16	412R	1977-0092	1977-0093	DEL AMO BV	Water Mark	65%
17	412M	1923-0669	1977-0092	DEL AMO BV	Water level	40%
18	412J	1923-0667	1923-0668	DEL AMO BV	Water level	45%
19	412I	1923-0664	1923-0665	DEL AMO BV	Water level	40%
20	412E	1923-0451	1923-0661	DEL AMO BV	Water level	40%
21	412D	1923-0666	1923-0667	DEL AMO BV	Water level	40%
22	412A	1923-0665	1923-0666	DEL AMO BV	Water level	40%
23	4134	1924-0082	1924-0081	PARAMOUNT BV	Water level Sag	35 % : 99'-114'
24	4124	1923-0450	1923-0451	DEL AMO BV	Water level	40%
25	4124	1923-0566	1923-0567	LAKEWOOD BV	Water Level Sag	30 % : 314'-330
26	4121	1923-0449	1923-0450	DEL AMO BV	Water level	40%
27	4112	1977-0097	1977-0096	DEL AMO BV	Water Mark	50%
28	4111	1923-0542	1923-0543	CAMERINO ST	Water Mark	50%
29	4100	1923-0068	1923-0147	DEL AMO BV	Water Level Sag	40%
30	411B	1924-0049	1924-0048	PIXIE AV	Water Mark	50%
31	3T24	1923-0553	1923-0554	ALLEY	Water level	35%
32	3O00	1924-0066	1924-0064	EASEMENT	Water level Sag	45%
33	3N24	1923-0397	1923-0398	DOWNEY AV	Water Level Sag	45%
34	3K11	1923-0394	1923-0395	DOWNEY AV	Water Level Sag	50%
35	3K00	1924-0070	1924-0069	EASEMENT	Water level Sag	35% : 138'-354'
36	3J11	1924-0079	1924-0078	PARAMOUNT BV	Water level Sag	35% : 160'-351'
37	3J00	1923-0372	1923-0371	CAMERINO ST	Water Level Sag	50%
38	3I1G	1924-0042	1924-0033	MAYBANK AV	Water level Sag	35% : 18'-200'
39	3I12	1923-0018	1923-0017	MEADOW WOOD AV	Water Level Sag	45%
40	3I11	1923-0371	1923-0370	CAMERINO ST	Water Level Sag	40%

41	3G2N	1977-0053	1977-0052	CANDLEWOOD ST	Water level	40%
42	3G2A	1923-0019	1923-0018	MEADOW WOOD AV	Water Level Sag	40%
43	3G2A	1977-0040	1977-0039	HERSHOLT AV	Water Level Sag	35% : 176'-320'
44	3G00	1923-0017	1923-0008	DEL BAY ST	Water Level Sag	40 % 6-160'
45	3F21	1923-0327	1923-0328	DOWNEY AV	Water Level Sag	50%
46	3F13	1923-0621	1923-0620	LAKEWOOD BV	Water Level Sag	35 % :80'-202'
47	3F12	1924-0094	1924-0093	OBISPO AV	Water level Sag	35% : 54'-180'
48	3D22	1923-0200	1923-0199	YEARLING ST	Water Level Sag	35 % 208-300'
49	3D11	1923-0546	1977-0044	CAMERINO AV	Water Level	35%
50	3D00	1923-0395	1923-0396	DOWNEY AV	Water Level Sag	50%
51	3C2B	1923-0021	1923-0020	MEADOW WOOD AV	Water Level Sag	40%
52	3C2B	1923-0374	1923-0373	CAMERINO ST	Water Level Sag	40%
53	3C2A	1923-0020	1923-0019	MEADOW WOOD AV	Water Level Sag	40%
54	3C21	1977-0048	1977-0047	CANDLEWOOD ST	Water level Sag	35%
55	3C12	1923-0368	1923-0327	EASEMENT	Water Level Sag	40%
56	3C00	1923-0358A	1923-0357	ALLEY	Water Level Sag	50%
57	3B11	1923-0457	1923-0456	DEL AMO BV	Water Level Sag	35%-45 %
58	3B11	1924-0054	1924-0068	EASEMENT	Water level Sag	35% : 273'-345'
59	3B00	1977-0044	1977-0045	CAMERINO AV	Water level Sag	45% : 187'-257'
60	3A2G	1977-0187	1977-0053	CANDLEWOOD ST	Water level	40%
61	3A21	1923-0248	1923-0247	OBISPO AV	Water Level Sag	40% 217-258'
62	3A1G	1923-0670	1923-0459	DEL AMO BV	Water Level Sag	35 % :18'-56'
63	3A12	1924-0096	1924-0095	OBISPO AV	Water level Sag	35% : 44'-83'
64	3A11	1923-0242	1923-0233	OBISPO AV	Water Level Sag	40%
65	3A00	1923-0011	1923-0010	DEL BAY ST	High water level	40 % 138-188'
66	392B	1923-0012	1923-0011	ELDERHALL AV	High water level	40 % 251-285'
67	362H	1923-0201	1923-0202	YEARLING ST	Water Level Sag	40 % 92-116'
68	362B	1923-0016	1923-0073	DEL HOLLOW ST	High water level	40 % 263-289'
69	362A	1923-0073	1923-0074	DEL HOLLOW ST	Water Level Sag	45%
70	351D	1923-0619	1923-0620	LAKEWOOD BV	Water Level Sag	35 % :20'-38'
71	3922	1923-0022	1923-0021	MEADOW WOOD AV	Water Level Sag	40%
72	3913	1924-0078	1923-0241	PARAMOUNT BV	Water level Sag	40% : 155'-190'
73	3821	1923-0619	1923-0618	LAKEWOOD BV	Water Level Sag	35 % :0'-30'
74	3813	1923-0617	1923-0621	EASEMENT	Water Level Sag	35 % :201'-249'
75	3812	1923-0393	1923-0394	DOWNEY AV	Water Level Sag	45%
76	3721	1923-0236	1923-0235	PARAMOUNT BV	Water Level Sag	40% 49-71'
77	3700	1923-0563	1923-0564	LAKEWOOD BV	Water Level Sag	45 % : 303'-327'
78	3621	1924-0008	1924-0007	DEEBOYAR AV	Water level Sag	35% : 186'-210'
79	3613	1924-0097	1924-0096	OBISPO AV	Water level Sag	35% : 232'-255'
80	3611	1924-0092	1923-0251	OBISPO AV	Water level Sag	45% : 58'-82'
81	3512	1923-0504	1923-0503	ARBOR ST	Water Level Sag	40 % : 296'-313'
82	3414	1924-0007	1924-0006	DEEBOYAR AV	Water level Sag	45% : 263'-279'
83	3413	1923-0120	1923-0695	EASEMENT	Water Level Sag	45% -80%
84	3200	1923-0709	1923-0710	RYAN AV	Water level Sag	35% : 217'-225'

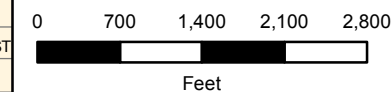
ENCLOSURE 2

CCTV PROJECT

Y0TV1011B

LAKEWOOD

HIGH WATER LEVELS

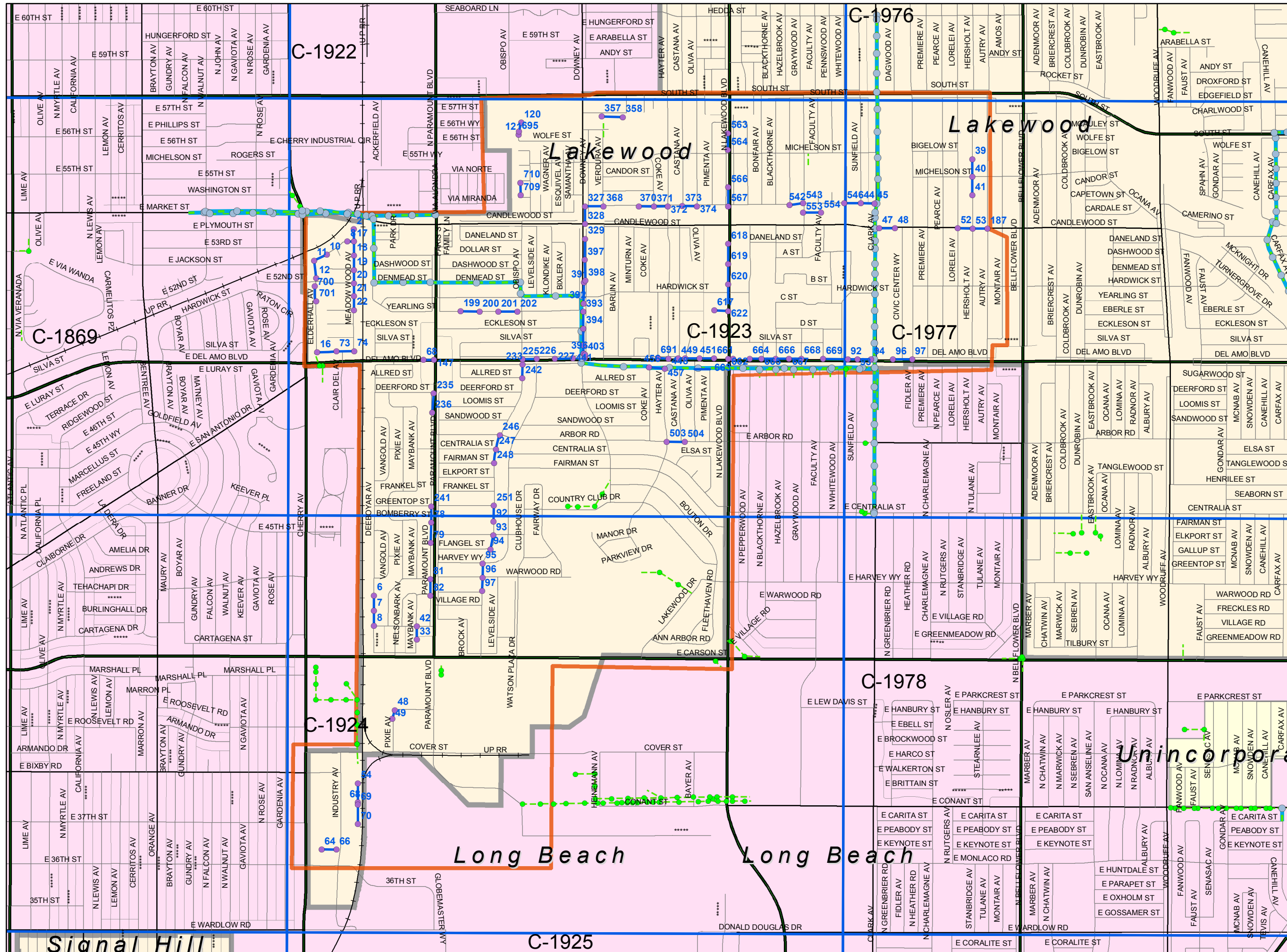


Legend

- High Water Levels (Blue line)
- SMD Manholes
 - Other (Circle with dot)
 - Manhole Type
 - Standard (Purple circle)
 - DROP (Purple triangle)
 - Shallow (Purple square)
 - Trap (Purple diamond)
 - Siphon (Purple circle with cross)
 - SMD Pump Stations (Red square with P)
 - SMD Treatment Plants (Red square with WTP)
- Maintained by Others:
 - Trunk Sewerlines (Green dashed line)
 - Non SMD Sanitary Sewers (Green dashed line)
 - Non SMD Maintained MH (Green circle)
 - SMD Operations Maps (Blue outline)
 - Y0TV1011B (Orange outline)

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JANUARY 2014



Signal Hill

Long Beach

Long Beach

Unincorporated



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.

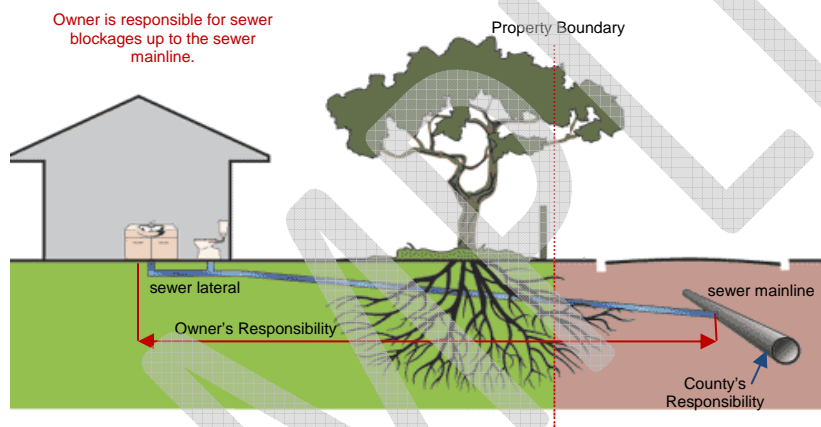
XXXX
Roots at Lateral Connection



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
CITY OF LAKEWOOD (YOTV1011B)

as of 08/08/11

NO	QSR	START MH	END MH	STREET	OBSERVATION: LOCATION (FOOTAGE)	PROPOSED CORRECTIVE ACTION	LENGTH OF REPAIR (FT)
1	514F	1923-0143	1923-0144	PARAMOUNT BV	Broken/deformed/fractures: 126'-148'	Lining: MH to MH	263
2	513M	1977-0032	1977-0033	LORELEI AV	Hole: 322'	Structural integrity in tact. No action needed.	
3	513M	1923-0054	1923-0143	HARDWICK ST	Hole at base of MH 54	CSMD will repair base of MH 54	
4	513K	1924-0042	1924-0084	GREENMEADOW RD	Hole: 243'	Structural integrity in tact. No action needed.	
5	5242	1923-0373	1923-0372	CAMERINO ST	Broken/deformed at lateral connection: 40'-43'	Point Repair	
6	5242	1923-0145	1923-0146	PARAMOUNT BV	Broken: 8'	Point Repair	
7	5241	1977-0021	1977-0050	PREMIERE AV	Broken/deformed: 221'-224'	Point Repair (sleeve)	
8	5241	1923-0627	1923-0628	PEPPERWOOD AV	Broken/hole: 2'; fractures: 87'	Lining: MH to MH	94
9	5234	1923-0137	1923-0151	OBISPO AV	Broken: 38', 81', 84'	Lining: MH to MH	242
10	5211	1924-0225	1924-0224	ALLEY	Broken: 12'	Point Repair (sleeve)	
11	5200	1923-0640	1923-0641	HAZELBROOK AV	Broken: 174'	Structural integrity in tact. No action needed.	
12	5145	1923-0538	1923-0374	CAMERINO ST	Broken/fractures: multiple locations	Lining: MH to MH	264
13	5143	1923-0185	1923-0186	DENMEAD ST	Broken/fractures: 119', 261', 290'	Lining: MH to MH	351
14	5142	1977-0006	1977-0044	SUNFIELD AV	Broken/deformed: 139'-144'	Lining: MH to MH	200
15	5142	1923-0128	1923-0129	CANDLEWOOD ST	Broken: 280'; fractures: multiple locations	Lining: MH to MH	350
16	5141	1977-0042	1977-0053	HERSHOLT AV	Broken: 249'	Point Repair (sleeve)	
17	5141	1923-0626	1923-0627	PEPPERWOOD AV	Hole: 257'; fracture: 205', 270'	Lining: MH to MH	314
18	5141	1923-0407	1923-0408	VERDURA AV	Hole: 104' (lateral connection)	Point Repair	
19	5141	1923-0187	1923-0188	DENMEAD ST	Hole: 140' (lateral connection)	Point Repair	
20	5141	1923-0176	1923-0177	DOLLAR ST	Broken: 313'; fractures: multiple locations	Lining: MH to MH	324
21	5141	1924-0153	1924-0154	CARSON ST	Broken: 253'	Structural integrity in tact. No action needed.	
22	5141	1924-0064	1924-0063	EASEMENT	Broken/fractures: 159', 161' (near upper end)	Structural integrity in tact. No action needed.	
23	5141	1923-0200	1923-0201	YEARLING ST	Broken: 213'	Structural integrity in tact. No action needed.	
24	5141	1923-0054	1923-0053	HARDWICK ST	Broken/fractures: 67'-71'; hole at base of MH 54	Lining: MH to MH; CSMD will repair base of MH 54	
25	5139	1924-0003	1924-0002	DEEBOYAR AV	Hole: 4'	Structural integrity in tact. No action needed.	
26	5134	1923-0626	1923-0625	PEPPERWOOD AV	Hole: 137'; fractures: multiple locations	Structural integrity in tact. No action needed.	
27	5134	1923-0160	1923-0161	LEVELSIDE AV	Broken: 139'; fractures: multiple locations	Lining: MH to MH	301
28	5134	1923-0042	1923-0041	DOLLAR ST	Hole at base of MH 41	CSMD will repair base of MH 41	
29	5133	1923-0411	1923-0443	VERDURA AV	Hole: 82' (lateral connection)	Structural integrity in tact. No action needed.	
30	5133	1923-0548	1923-0547	CANDLEWOOD ST	Broken: 129'	Structural integrity in tact. No action needed.	
31	5132	1923-0377	1923-0376	CANDLEWOOD ST	Broken: 12'	Point Repair	
32	5132	1923-0127	1923-0128	CANDLEWOOD ST	Broken: 253' (lateral connection)	Point Repair	
33	5131	1923-0208	1923-0207	ECKLESON ST	Broken: 353' -355'	Point Repair (sleeve)	
34	5122	1924-0059	1924-0060	EASEMENT	Hole: 130'(abandoned lateral)	Structural integrity in tact. No action needed.	
35	5121	1924-0170	1924-0171	EASEMENT	Broken/joint offset: 343'	Structural integrity in tact. No action needed.	
36	5100	1923-0358	1923-0359	ALLEY	Broken/deformed: 55'	Point Repair	
37	5100	1923-0146	1923-0147	PARAMOUNT BV	Broken: 207'	Point Repair (sleeve)	
38	5100	1924-0197	1924-CITY	EASEMENT	Hole: 322'	Structural integrity in tact. No action needed.	
39	443R	1923-0201	1923-0202	YEARLING ST	Fractures/cracks: multiple locations	Structural integrity in tact. No action needed.	
40	433P	1923-0635	1923-0636	HAZELBROOK AV	Fractures: 186'; cracks: multiple locations	Lining: MH to MH	347
41	433C	1923-0417	1923-0418	BARLIN AV	Fractures: 38', 117', 141'	Structural integrity in tact. No action needed.	
42	433C	1923-0209	1923-0210	ECKLESON ST	Fractures: 263'; cracks: multiple locations	Structural integrity in tact. No action needed.	302
43	423Q	1923-0236	1923-0235	PARAMOUNT BV	Fractures/cracks: 8', 51'	Structural integrity in tact. No action needed.	
44	423L	1924-0031	1924-0032	MAYBANK AV	Broken/fractures: 164'-171'	Lining: MH to MH	339
45	423E	1923-0477	1923-0476	CASTANA AV	Fractures: 307', 310'	Structural integrity in tact. No action needed.	
46	413W	1923-0379	1923-0372	HAYTER AV	Fractures: multiple locations	Lining: MH to MH	355
47	413T	1924-0078	1923-0241	PARAMOUNT BV	Fractures: 335'; cracks: multiple locations	Structural integrity in tact. No action needed.	
48	413S	1923-0240	1923-0239	PARAMOUNT BV	Fractures: 209'	Structural integrity in tact. No action needed.	

ENCLOSURE 3
QUICK STRUCTURAL RATING REPORT PRIORITY LIST
CITY OF LAKEWOOD (YOTV1011B)

as of 08/08/11

NO	QSR	START MH	END MH	STREET	OBSERVATION: LOCATION (FOOTAGE)	PROPOSED CORRECTIVE ACTION	LENGTH OF REPAIR (FT)
49	413R	1923-0429	1923-0430	HAYTER AV	Fractures: 88'; broken factory taps	Structural integrity in tact. No action needed.	
50	413Q	1923-0427		HAYTER AV	Fractures: 277'-281'	Lining: MH to MH	
51	413O	1923-0374	1923-0373	CAMERINO ST	Fractures: 258'-263'	Structural integrity in tact. No action needed.	
52	413O	1924-0066	1924-0064	EASEMENT	Broken: 22' (lateral connection); concrete encased	Structural integrity in tact. No action needed.	
53	413N	1977-0089	1977-0090	HERSHOLT AV	Fractures: 107'	Structural integrity in tact. No action needed.	
54	413M	1924-0085	1924-0142	FRECKLES RD	Fractures: 38'	Structural integrity in tact. No action needed.	
55	413L	1923-0238	1923-0237	PARAMOUNT BV	Fractures: 80'	Structural integrity in tact. No action needed.	
56	413K	1977-0066	1977-0067	FIDLER AV	Fractures: 208'	Structural integrity in tact. No action needed.	
57	413J	1923-0372	1923-0371	CAMERINO ST	Fractures: 54'	Structural integrity in tact. No action needed.	
58	413H	1977-0091	1977-0101	HERSHOLT AV	Fractures: 116'; cracks: multiple locations	Lining: MH to MH	201
59	413H	1923-0310	1924-0111	CLUBHOUSE DR	Fractures: 40'	Structural integrity in tact. No action needed.	
60	413E	1977-0200	1977-0201	AUTRY AV	Fractures: 65'	Structural integrity in tact. No action needed.	
61	413E	1977-0204	1977-0258	AUTRY AV	Fractures: 78'	Structural integrity in tact. No action needed.	
62	413E	1923-0561	1923-0538	PIMENTA AV	Fractures: 36'	Structural integrity in tact. No action needed.	
63	413E	1923-0200	1923-0199	YEARLING ST	Fractures: 353'	Structural integrity in tact. No action needed.	
64	413D	1923-0202	1923-0156	YEARLING ST	Fractures: 9'	Structural integrity in tact. No action needed.	
65	413C	1977-0037	1977-0038	HERSHOLT AV	Fractures: 51' (inside lateral connection)	Structural integrity in tact. No action needed.	
66	413B	1977-0087	1977-0088	HERSHOLT AV	Fracture: 8'	Structural integrity in tact. No action needed.	
67	413B	1923-0280	1923-0245	SANDWOOD ST	Fractures: 87'	Structural integrity in tact. No action needed.	
68	412H	1924-0152	1924-0089	ALLEY	Fractures: 6'	Structural integrity in tact. No action needed.	
69	412D	1923-0013	1923-0698	ELDERHALL AV	Fracture: 39' (inside abandoned lateral connection)	Structural integrity in tact. No action needed.	
70	4939	1923-0448	1923-0449	DEL AMO BV	Fractures: 146', 155', 175', multiple locations	Lining: MH to MH	263
71	4334	1923-0567	1923-0538	CAMERINO ST	Fractures: 115', 169'; broken factory taps	Structural integrity in tact. No action needed.	
72	4332	1923-0377	1923-0378	CANDLEWOOD ST	Fractures: 83', 269'; broken factory taps	Structural integrity in tact. No action needed.	
73	4331	1923-0376	1923-0375	CANDLEWOOD ST	Fractures: 158', 216', 275'; broken factory taps	Structural integrity in tact. No action needed.	
74	4331	1923-0179	1923-0180	DASHWOOD ST	Fractures: 8', 116'; broken factory taps	Point Repair (8')	
75	4231	1923-0471	1923-0470	HAYTER AV	Fractures: 155'-157' (concrete encased)	Structural integrity in tact. No action needed.	
76	4231	1924-0133	1924-0134	HARVEY WY	Fractures: 122'; broken factory taps	Structural integrity in tact. No action needed.	
77	4211	1923-0177	1923-0152	DOLLAR ST	Fractures: 55', 100'; broken factory taps	Structural integrity in tact. No action needed.	
78	4138	1977-0064	1977-0065	FIDLER AV	Fractures: 238'; cracks: multiple locations (factory taps)	Structural integrity in tact. No action needed.	
79	4138	1923-0547	1923-0381	CANDLEWOOD ST	Fractures: 243'; cracks: multiple locations	Structural integrity in tact. No action needed.	
80	4137	1923-0174	1923-0175	DOLLAR ST	Fractures: 50'; cracks: multiple locations (factory taps)	Structural integrity in tact. No action needed.	
81	4136	1924-0027	1924-0041	NELSONBARK AV	Fractures: 194'; cracks: multiple locations (factory taps)	Structural integrity in tact. No action needed.	
82	4135	1923-0481	1923-0480	OLIVA AV	Fractures: 7'	Structural integrity in tact. No action needed.	
83	4135	1923-0281	1923-0255	SANDWOOD ST	Fractures: 67', 78'; broken factory taps	Structural integrity in tact. No action needed.	
84	4135	1923-0150	1923-0174	DOLLAR ST	Fractures: 312'-314'; cracks: multiple locations (factory taps)	Lining: MH to MH	336
85	4135	1923-0031	1923-0032	YEARLING ST	Fractures: 276'; cracks: multiple locations	Lining: MH to MH	354
86	4134	1923-0284	1923-0285	ARBOR ST	Fractures: 83'; cracks: multiple locations (factory taps)	Structural integrity in tact. No action needed.	
87	4134	1923-0180	1923-0181	DASHWOOD ST	Fractures: 264'-268'; cracks: multiple locations (factory taps)	Lining: MH to MH	350
88	4134	1923-0199	1923-0198	YEARLING ST	Fractures: 16' (factory taps)	Structural integrity in tact. No action needed.	
89	4133	1977-0015	1977-0049	FIDLER AV	Fractures: 312'-318'; cracks: multiple locations	Structural integrity in tact. No action needed.	
90	4133	1923-0303	1923-0249	ELKPORT ST	Fractures: 13'	Structural integrity in tact. No action needed.	
91	4133	1924-0109	1924-0110	LEVELSIDE AV	Fractures; 190'	Lining: MH to MH	277
92	4133	1923-0041	1923-0026	DOLLAR ST	Fractures: 68', 284'; cracks: multiple locations (factory taps)	Lining: MH to MH	351
93	4133	1923-0004	1923-0003	DEEBOYAR AV	Fractures: 8'; cracks: multiple locations (factory taps)	Structural integrity in tact. No action needed.	
94	4132	1977-0011	1977-0045	CLARK AV	Broken: 198' (near MH 45)	Structural integrity in tact. No action needed.	
95	4132	1923-0573	1923-0539	CAMERINO ST	Broken factory taps: 55', 122'; cracks: multiple locations;	Point Repairs (T-Liners)	
96	4132	1923-0425	1923-0426	COKE AV	Fractures: 3'; cracks: multiple locations	Structural integrity in tact. No action needed.	

ENCLOSURE 3
QUICK STRUCTURAL RATING REPORT PRIORITY LIST
CITY OF LAKEWOOD (Y0TV1011B)

as of 08/08/11

NO	QSR	START MH	END MH	STREET	OBSERVATION: LOCATION (FOOTAGE)	PROPOSED CORRECTIVE ACTION	LENGTH OF REPAIR (FT)
97	4132	1923-0181	1923-0182	DASHWOOD ST	Broken factory tap: 38', 287'; cracks: multiple locations	Point Repairs (T-Liners)	
98	4132	1923-0152	1923-0153	OBISPO AV	Broken factory taps: 78', 129', 208', 248'	Point Repairs (T-Liners)	
99	4132	1923-0273	1923-0274	LOOMIS ST	Fractures: 336'	Structural integrity in tact. No action needed.	
100	4132	1924-0136	1924-0137	WARWOOD RD	Broken factory tap: 243'	Point Repair (T-Liner)	
101	4132	1923-0090	1923-0109	PIXIE AV	Cracks: 200'	Structural integrity in tact. No action needed.	
102	4132	1923-0141	1923-0138	PARAMOUNT BV	Fractures: 90'	Structural integrity in tact. No action needed.	
103	4132	1923-0235	1923-0148	PARAMOUNT BV	Fracture: 38'	Structural integrity in tact. No action needed.	
104	4131	1923-0406	1923-0407	VERDURA AV	Broken factory taps: 46', 268'	Point Repairs (T-Liner)	
105	4131	1923-0293	1923-0294	CENTRALIA ST	Broken: 100' (inside lateral connection)	Structural integrity in tact. No action needed.	
106	4131	1923-0182	1923-0183	DASHWOOD ST	Broken factory taps: 90', 196'	Point Repairs (T-Liner)	
107	4131	1923-0183	1923-0153	DASHWOOD ST	Broken factory taps: 36', 47'; cracks: multiple locations	Point Repairs (T-Liner); Lining: MH to MH	136
108	4131	1924-0108	1924-0109	LEVELSIDE AV	Fractures: 134'	Structural integrity in tact. No action needed.	
109	4131	1923-0311	1923-0310	CLUBHOUSE DR	Fractures: 229'	Structural integrity in tact. No action needed.	
110	4131	1923-0139	1923-0159	LEVELSIDE AV	Broken factory taps: 117', 241'	Point Repairs (T-Liner)	
111	4124	1923-0651	1923-0652	FACULTY AV	Fractures: 8'	Structural integrity in tact. No action needed.	
112	4123	1977-0202	1977-0203	AUTRY AV	Fractures: 178'	Structural integrity in tact. No action needed.	
113	4122	1923-0408	1923-0409	VERDURA AV	Broken factory tap: 19'	Point Repair (T-Liner)	
114	4122	1923-0558	1923-0559	PIMENTA AV	Broken factory tap: 3'	Point Repair (T-Liner)	
115	4122	1924-0087	1924-0089	EASEMENT	Fractures: 204'	Structural integrity in tact. No action needed.	
116	4121	1977-0206	1977-0207	MONTAIR AV	Fractures: 4'	Point Repair (sleeve)	
117	4121	1977-0087	1977-0086	HERSHOLT AV	Fractures: 171'	Structural integrity in tact. No action needed.	
118	4121	1923-0355	1923-0356	OLIVA AV	Broken factory tap: 243'	Point Repair (T-Liner)	
119	4121	1923-0524	1923-0523	FAIRMAN ST	Fractures: 80'	Structural integrity in tact. No action needed.	
120	4121	1924-0112	1924-0128	BOMBERRY ST	Fractures: 305'	Structural integrity in tact. No action needed.	
121	4112	1923-0276	1923-0415	HARDWICK ST	Fractures: 2'	Structural integrity in tact. No action needed.	
122	4111	1923-0212	1923-0213	ECKLESON ST	Broken factory tap: 146', 302'	Point Repairs (T-Liner)	
123	4100	1923-0552	1923-0553	ALLEY	Fractures: 276'	Structural integrity in tact. No action needed.	
124	4100	1923-0598	1923-0599	GRAYWOOD AV	Fractures: 54'	Structural integrity in tact. No action needed.	
125	4100	1977-0046	1977-TRNK	EASEMENT	Fractures: 59'	Structural integrity in tact. No action needed.	
126	4100	1923-0565	1923-0566	LAKEWOOD BV	Fractures: 244'	Structural integrity in tact. No action needed.	
127	4100	1923-0482	1923-0483	OLIVA AV	Broken factory tap: 151'	Structural integrity in tact. No action needed.	
128	4100	1923-0204	1923-0205	YEARLING ST	Broken factory tap: 82'	Structural integrity in tact. No action needed.	
129	4100	1923-0151	1923-0152	OBISPO AV	Broken factory tap: 235'	Structural integrity in tact. No action needed.	
130	4100	1923-0265	1923-0266	ALLRED ST	Broken factory tap: 33'	Structural integrity in tact. No action needed.	
131	4100	1924-0089	1924-0088	ALLEY	Fractures: 108'	Structural integrity in tact. No action needed.	
132	4100	1924-0056	1924-0057	BIXBY RD	Fractures: 98'	Structural integrity in tact. No action needed.	
133	4100	1923-0001	1923-TRNK	EASEMENT	Fractures: 1'	Structural integrity in tact. No action needed.	

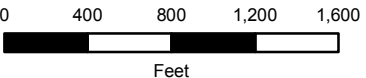
ENCLOSURE 3

CCTV PROJECT

YOTV1011B

LAKewood

QUICK STRUCTURAL RATING (QSR)



Legend

SMD Sanitary Sewers

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

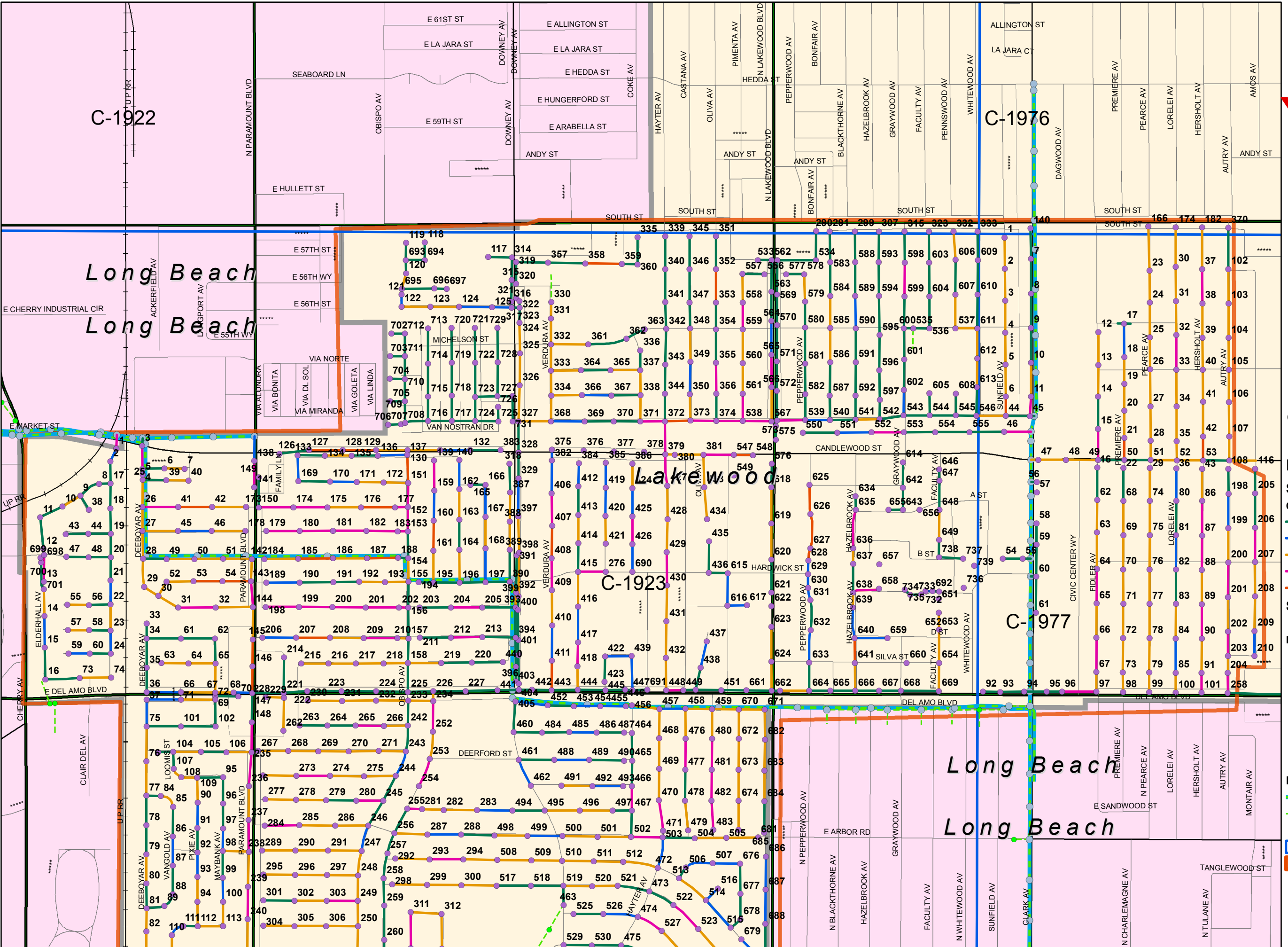
SMD Manholes

- Other
- 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
- YOTV1011B

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C-1922

C-1976

C-1977

C-1923

Long Beach
Long Beach

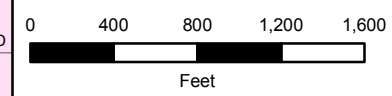
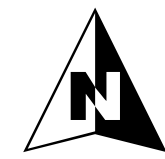
ENCLOSURE 3

CCTV PROJECT

Y0TV1011B

LAKWOOD

QUICK STRUCTURAL RATING (QSR)



Legend

SMD Sanitary Sewers

QSR

- 1: MINOR
- 2: MINOR TO MODERATE
- 3: MODERATE
- 4: SIGNIFICANT
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SMD Manholes

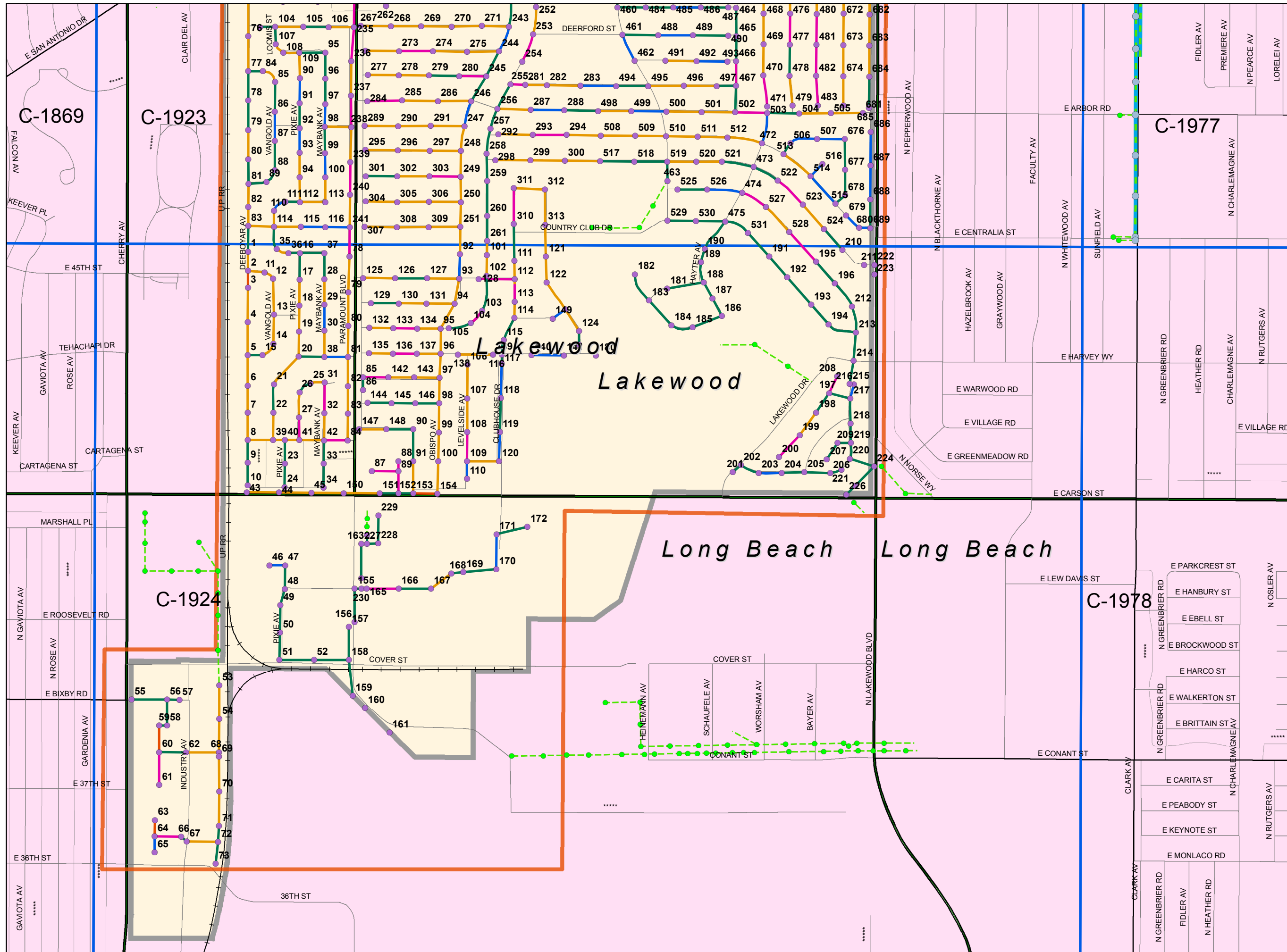
- Other
- Standard
- DROP
- Shallow
- Trap
- Siphon
- SMD Pump Stations
- SMD Treatment Plants

Maintained by Others:

- Trunk Sewerlines
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- Y0TV1011B

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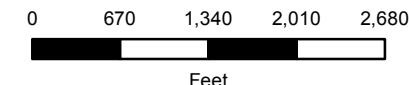
JANUARY 2014



ENCLOSURE 3 CCTV PROJECT Y0TV1011B

**CITY OF
LAKEWOOD**

**LINING &
POINT REPAIR**



Legend

LINING

POINT REPAIR

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

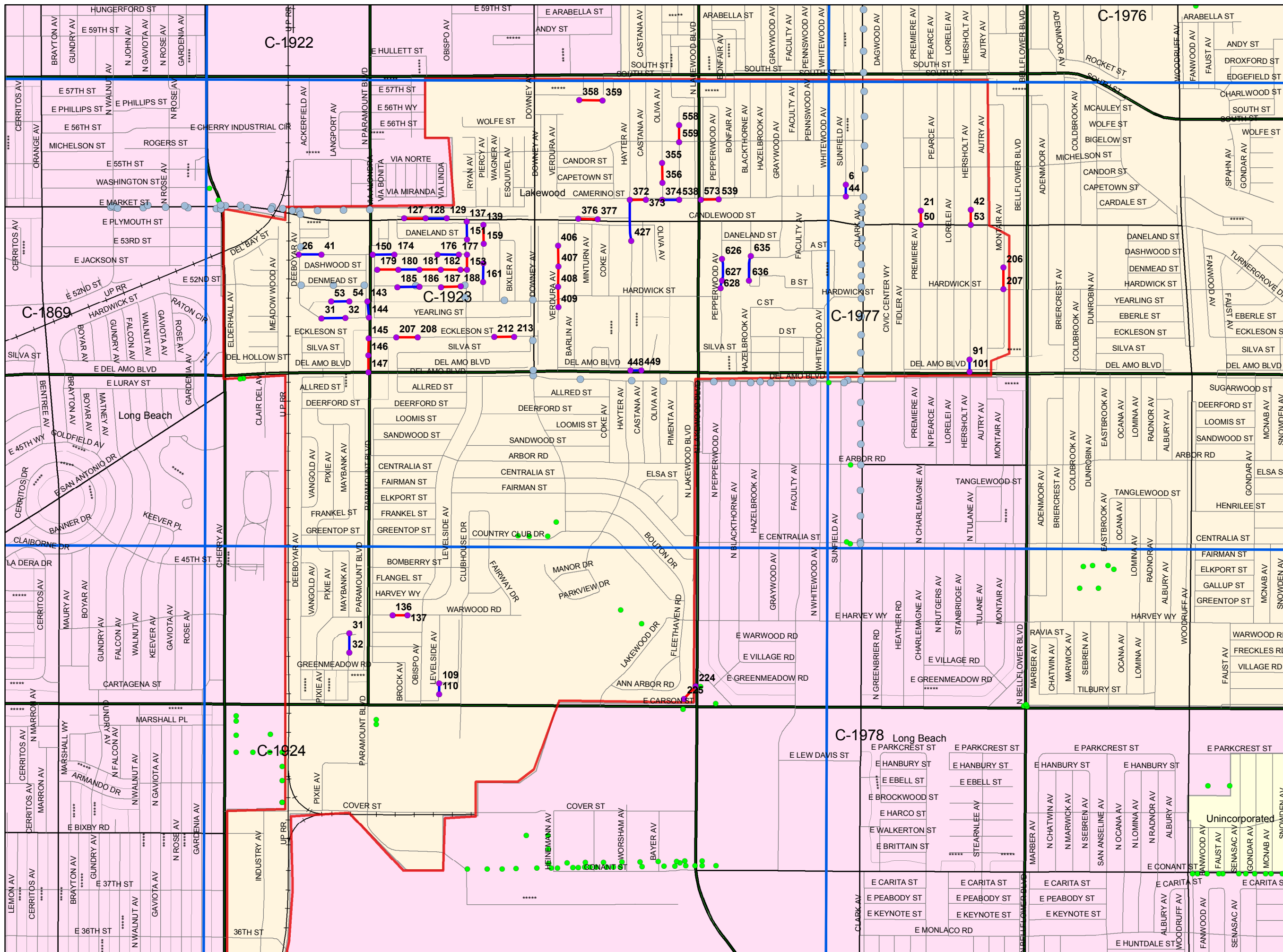
Non SMD Maintained MH

SMD Operations Maps

Y0TV1011B

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JANUARY 2014





Inspection report

Date: 20110714	P.O.#: Y0TV1011B	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 3572	PSR: 42989
Total Pipe Length: 263.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 07/13/2011	Pre-Cleaned: Jetting	Map Grid #:

Street: PARAMOUNT BV	Flow Control: Not Controlled	Start MH: 1923-0143
City: LAK	Year Renewed:	End MH: 1923-0144
Location Code: Main Highway - Suburban/Rural	Tape/Media #: G312-086	pipe length: 261.6 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0143/1923-0144/1923	Lining Method:
	Category:

Remark::

1:528	position	observation	grade
1923			
		0 FT // 00:00:32	
		0 FT // 00:00:46	
		2 FT // 00:01:12	
		2 FT // 00:01:12	
		5 FT // 00:01:52	
	1923-0143 0.00	Manhole, within 8 inch: NO, Remarks: 1923-0143	
	0.00	Water Level, 10 %, within 8 inch: NO	M 2
	2.00 S1	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES, Start	S 3
	5.00	Water Mark, 10 %, within 8 inch: NO	M 2
	29.60 S2	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, Start	
	92.30	Fracture Longitudinal, at 3 o'clock, within 8 inch: YES	S 3
	125.80	Fracture Longitudinal, at 4 o'clock, within 8 inch: YES	S 3
	126.70	Fracture Multiple, from 7 to 2 o'clock, within 8 inch: YES	S 4
	129.70 S3	Fracture Multiple, from 7 to 10 o'clock, within 8 inch: YES, Start	S 4
	139.40	Roots Medium Joint, from 7 to 5 o'clock, 25 %, within 8 inch: YES	
	146.70 S5	Broken, from 8 to 10 o'clock, within 8 inch: YES, Start	S 4
	146.70	Roots Medium Barrel, from 8 to 10 o'clock, 30 %, within 8 inch: NO	M 4
	146.70 S4	Deformed, 10 %, within 8 inch: NO, Start	S 4
	148.40 F4	Deformed, 10 %, within 8 inch: NO, End	S 4
	148.40 F5	Broken, from 8 to 10 o'clock, within 8 inch: YES, End	S 4
	190.20 S6	Water Level Sag, 25 %, within 8 inch: NO, Start	M 2
	210.70	Joint Offset Medium, within 8 inch: YES	S 1
	217.80 F6	Water Level Sag, 25 %, within 8 inch: NO, End	M 2
	217.80	Water Level, 15 %, within 8 inch: NO	M 2
	217.80 F2	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, End	



Inspection report

Date: 20110527	P.O.#: Y0TV1011B	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 2397	PSR: 35813
Total Pipe Length: 362.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 05/26/2011	Pre-Cleaned: Jetting	Map Grid #:

Street: LORELEI AV	Flow Control: Not Controlled	Start MH: 1977-0032
City: LAK	Year Renewed	End MH: 1977-0033
Location Code: Light Highway	Tape/Media #: G312-058	pipe length: 330.4 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0032/1977-0033/1977	Lining Method:
	Category:

Remark::

1:561	position	observation	grade
	1977		
			0 FT // 00:00:33
			0 FT // 00:00:45
			0 FT // 00:00:53
			5 FT // 00:01:23
			5 FT // 00:01:23
	1977-0032	Manhole, within 8 inch: NO, Remarks: 1977-0032	
	0.00		
	0.00	Water Level, 10 %, within 8 inch: NO	M 2
	0.00	Water Mark, 10 %, within 8 inch: NO	M 2
	5.00	Crack Multiple, from 5 to 9 o'clock, within 8 inch: YES	S 3
	12.30	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	32.80	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	32.80	Roots Medium Lateral, at 9 o'clock, 25 %, within 8 inch: NO	M 3
	38.60	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	38.60	Roots Medium Lateral, at 9 o'clock, 20 %, within 8 inch: NO	M 3
	62.40	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	82.10	Crack Circumferential, from 7 to 10 o'clock, within 8 inch: YES	S 1
	85.10	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES, Start	S 3
	113.90	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	138.00	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	144.00	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	157.50	Roots Fine Joint, from 8 to 10 o'clock, within 8 inch: YES	
	164.50	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	169.30	Roots Fine Joint, from 2 to 10 o'clock, within 8 inch: YES	
	205.90	Joint Offset Medium, within 8 inch: YES	S 1
	205.90	Roots Fine Joint, from 2 to 10 o'clock, within 8 inch: YES	
	216.10	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	218.90	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	



Inspection report

Date: 20110527	P.O.#: Y0TV1011B	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 2397	PSR: 35813
Total Pipe Length: 362.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 05/26/2011	Pre-Cleaned: Jetting	Map Grid #:

1:561	position	observation	grade
	267.10	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	269.90	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	322.30	Hole, from 9 to 10 o'clock, within 8 inch: NO	S 4
	322.30	Crack Longitudinal, at 10 o'clock, within 8 inch: NO	S 2
	329.10 F1	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES, End	S 3
	330.40	Water Level, 15 %, within 8 inch: NO	M 2
	330.40	Vermin Cockroach, within 8 inch: NO	M 1
	330.40	Manhole, within 8 inch: NO, Remarks: 1977-0033	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
4133	3223	17	13	30	2.43	2.17	2.31



Inspection report

Date: 20110721	P.O.#: Y0TV1011B	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 3640	PSR: 43017
Total Pipe Length: 293.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 07/20/2011	Pre-Cleaned: Jetting	Map Grid #:

1:429	position	observation	grade
	209.60	Roots Medium Joint, from 7 to 10 o'clock, 30 %, within 8 inch: YES	
	213.30 F4	Water Level Sag, 25 %, within 8 inch: NO, End	M 2
	213.30	Water Level, 10 %, within 8 inch: NO	M 2
	220.50	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	238.70	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	280.50 F3	Crack Multiple, from 2 to 10 o'clock, within 8 inch: YES, End	S 3
	280.50 F1	Roots Fine Joint, from 1 to 3 o'clock, within 8 inch: YES, End	
	283.70	Water Level, 10 %, within 8 inch: NO	M 2
	283.80	Manhole, within 8 inch: NO, Remarks: 1923-0143	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
5135	2614	20	16	36	3.33	1.6	2.25



Inspection report

Date: 20110707	P.O.#: Y0TV1011B	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 3281	PSR: 42378
Total Pipe Length: 241.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 07/06/2011	Pre-Cleaned: Jetting	Map Grid #:

Street: GREENMEADOW RD	Flow Control: Not Controlled	Start MH: 1924-0042
City: LAK	Year Renewed	End MH: 1924-0084
Location Code: Light Highway	Tape/Media #: G312-081	pipe length: 252.9 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0042/1924-0084/1924	Lining Method:
	Category:

Remark::

1:575	position	observation	grade
	1924		
			0 FT // 00:00:34 0 FT // 00:00:46 4.9 FT // 00:01:05 6 FT // 00:01:24 6 FT // 00:01:24
	1924-0042 0.00	Manhole, within 8 inch: NO, Remarks: 1924-0042	
	0.00	Water Level, 15 %, within 8 inch: NO	M 2
	4.90	Water Mark, 10 %, within 8 inch: NO	M 2
	6.00	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	S 3
	41.40	Tap Factory Capped, at 3 o'clock, 6", within 8 inch: NO	
	49.10 S1	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES, Start	S 3
	49.10	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	
	65.80	Tap Break-in Active, at 3 o'clock, 4", within 8 inch: NO	
	83.30	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	
	89.40	Joint Offset Medium, within 8 inch: YES	S 1
	143.90	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	179.40 S2	Roots Fine Joint, from 1 to 5 o'clock, within 8 inch: YES, Start	
	188.00	Tap Break-in Active, at 3 o'clock, 6", within 8 inch: NO	
	241.80	Tap Factory Capped, at 3 o'clock, 6", within 8 inch: NO	
	243.50	Hole, from 9 to 10 o'clock, within 8 inch: NO	S 4
	244.90	Tap Break-in Active, at 3 o'clock, 6", within 8 inch: NO	
	244.90	Roots Medium Lateral, at 3 o'clock, 25 %, within 8 inch: NO	M 3
	249.20 F1	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES, End	S 3
	249.30 F2	Roots Fine Joint, from 1 to 5 o'clock, within 8 inch: YES, End	
	252.90	Water Level, 10 %, within 8 inch: NO	M 2
	252.90	Vermin Cockroach, within 8 inch: NO	M 1
	252.90	Manhole, within 8 inch: NO, Remarks: 1924-0084	
	1924-0084		

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
4133	3123	14	10	24	2.8	2	2.4



Inspection report

Date: 20110608	P.O.#: Y0TV1011B	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 2849	PSR: 42740
Total Pipe Length: 254.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 06/07/2011	Pre-Cleaned: Jetting	Map Grid #:

Street: CAMERINO ST	Flow Control: Not Controlled	Start MH: 1923-0373
City: LAK	Year Renewed	End MH: 1923-0372
Location Code: Light Highway	Tape/Media #: G312-065	pipe length: 264.2 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0372/1923-0373/1923	Lining Method:
	Category:

Remark::

1:429	position	observation	grade
	1923		
			0 FT // 00:00:34 0 FT // 00:00:57 0 FT // 00:01:08 10.1 FT // 00:01:49 10.1 FT // 00:01:49
	1923-0373 0.00	Manhole, within 8 inch: NO, Remarks: 1923-0373	
	0.00	Water Level, 10 %, within 8 inch: NO	M 2
	0.00	Water Mark, 10 %, within 8 inch: NO	M 2
	10.10	Crack Multiple, from 2 to 5 o'clock, within 8 inch: YES	S 3
	40.80 S1	Broken Void Visible, from 7 to 5 o'clock, within 8 inch: YES, Start	S 5
	40.80	Deformed, 10 %, within 8 inch: NO	S 4
	41.60 S2	Broken Soil Visible, from 8 to 10 o'clock, within 8 inch: NO, Start	S 5
	42.10	Tap Factory Defective, at 9 o'clock, 6", within 8 inch: NO, Remarks: red flag-broken	M 2
	42.50	Roots Medium Barrel, from 12 to 2 o'clock, 25 %, within 8 inch: NO	M 4
	42.50	Deformed, 10 %, within 8 inch: NO	S 4
	42.70 F2	Broken Soil Visible, from 8 to 10 o'clock, within 8 inch: NO, End	S 5
	42.70 F1	Broken Void Visible, from 7 to 5 o'clock, within 8 inch: YES, End	S 5
	43.60	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	S 3
	71.30	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	S 3
	71.60 S3	Water Level Sag, 30 %, within 8 inch: NO, Start	M 2
	97.20	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	129.10	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	S 3
	150.70	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	S 3
	152.10	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	156.60 F3	Water Level Sag, 30 %, within 8 inch: NO, End	M 2
	156.60	Water Level, 15 %, within 8 inch: NO	M 2
	165.80	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	S 3
	169.60 S4	Water Level Sag, 30 %, within 8 inch: NO, Start	M 2



Inspection report

Date: 20110608	P.O.#: Y0TV1011B	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 2849	PSR: 42740
Total Pipe Length: 254.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 06/07/2011	Pre-Cleaned: Jetting	Map Grid #:

1:429	position	observation	grade
	203.00	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	S 3
	204.20	Tap Factory Defective, at 9 o'clock, 6", within 8 inch: NO	M 2
	204.20	Crack Multiple, from 8 to 10 o'clock, within 8 inch: NO	S 3
	236.70 F4	Water Level Sag, 30 %, within 8 inch: NO, End	M 2
	236.70	Water Level, 15 %, within 8 inch: NO	M 2
	249.00 S5	Water Level Sag, 30 %, within 8 inch: NO, Start	M 2
	264.20 F5	Water Level Sag, 30 %, within 8 inch: NO, End	M 2
	264.20	Water Level, 20 %, within 8 inch: NO	M 2
	264.20	Manhole, within 8 inch: NO, Remarks: 1923-0372	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
5442	412B	52	30	82	3.71	2.14	2.93



Inspection report

Date: 20110714	P.O.#: Y0TV1011B	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 3575	PSR: 42991
Total Pipe Length: 272.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 07/13/2011	Pre-Cleaned: Jetting	Map Grid #:

Street: PARAMOUNT BV	Flow Control: Not Controlled	Start MH: 1923-0145
City: LAK	Year Renewed:	End MH: 1923-0146
Location Code: Main Highway - Suburban/Rural	Tape/Media #: G312-086	pipe length: 277.6 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0145/1923-0146/1923	Lining Method:
	Category:

Remark::

1:625	position	observation	grade
1923			
			0 FT // 00:00:34 0 FT // 00:00:46 5 FT // 00:01:33 5.5 FT // 00:01:54 5.5 FT // 00:01:54
	1923-0145 0.00	Manhole, within 8 inch: NO, Remarks: 1923-0145	
	0.00	Water Level, 15 %, within 8 inch: NO	M 2
	5.00	Water Mark, 15 %, within 8 inch: NO	M 2
	5.50 S1	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES, Start	S 3
	8.60	Fracture Multiple, from 8 to 10 o'clock, within 8 inch: YES	S 4
	8.90	Broken Soil Visible, from 3 to 5 o'clock, within 8 inch: YES	S 5
	8.90	Broken Soil Visible, from 7 to 9 o'clock, within 8 inch: YES	S 5
	36.90	Broken, from 12 to 2 o'clock, within 8 inch: YES	S 4
	38.20	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	87.50	Tap Factory Capped, at 3 o'clock, 6", within 8 inch: NO	
	136.70	Tap Factory Capped, at 3 o'clock, 6", within 8 inch: NO	
	183.00	Tap Factory Capped, at 3 o'clock, 6", within 8 inch: NO	
	205.10 S2	Water Level Sag, 30 %, within 8 inch: NO, Start	M 2
	232.40	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	274.40 F1	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES, End	S 3
	275.20	Tap Break-in Active, at 3 o'clock, 6", within 8 inch: NO	
	277.60 F2	Water Level Sag, 30 %, within 8 inch: NO, End	M 2
	277.60	Water Level, 25 %, within 8 inch: NO	M 2
	1923-0146 277.60	Manhole, within 8 inch: NO, Remarks: 1923-0146	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
5242	2500	24	10	34	4	2	3.09



Inspection report

Date: 20110601	P.O.#: Y0TV1011B	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 2427	PSR: 35802
Total Pipe Length: 267.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 05/31/2011	Pre-Cleaned: Jetting	Map Grid #:

Street: PREMIERE AV	Flow Control: Not Controlled	Start MH: 1977-0021
City: LAK	Year Renewed	End MH: 1977-0050
Location Code: Light Highway	Tape/Media #: G312-060	pipe length: 225.3 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0021/1977-0050/1977	Lining Method:
	Category:

Remark::

1:363	position	observation	grade
	1977		
			0 FT // 00:00:32
			0 FT // 00:00:43
			0 FT // 00:01:03
			0 FT // 00:01:03
			5 FT // 00:01:59
	1977-0021	Manhole, within 8 inch: NO, Remarks: 1977-0021	
	0.00	Water Level, 10 %, within 8 inch: NO	M 2
	0.00	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	S 3
	5.00	Water Mark, 10 %, within 8 inch: NO	M 2
	14.10	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	S 3
	14.10	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	
	23.70	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	S 3
	23.70	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	
	24.90	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	24.90	Roots Fine Lateral, at 9 o'clock, within 8 inch: NO	M 1
	44.70	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	S 3
	44.70	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	
	55.50	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	59.20	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	86.80	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	90.50	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	94.90	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	S 3
	94.90	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	
	119.30	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	S 3
	119.30	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	
	134.30	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	S 3
	155.60 S 1	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES, Start	S 3
	155.60	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	



Inspection report

Date: 20110601	P.O.#: Y0TV1011B	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 2427	PSR: 35802
Total Pipe Length: 267.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 05/31/2011	Pre-Cleaned: Jetting	Map Grid #:

1:363	position	observation	grade
	166.00	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	169.20	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	218.10	S2 Water Level Sag, 30 %, within 8 inch: NO, Start	M 2
	221.10	Broken, from 9 to 11 o'clock, within 8 inch: YES	S 4
	221.90	S3 Broken, from 7 to 6 o'clock, within 8 inch: YES, Start	S 5
	221.90	Roots Medium Barrel, from 8 to 9 o'clock, 20 %, within 8 inch: NO	M 4
	221.90	S4 Deformed, 10 %, within 8 inch: NO, Start	S 4
	224.50	F2 Water Level Sag, 30 %, within 8 inch: NO, End	M 2
	224.50	F3 Broken, from 7 to 6 o'clock, within 8 inch: YES, End	S 5
	224.50	F4 Deformed, 10 %, within 8 inch: NO, End	S 4
	224.50	Tap Factory Active, at 6 o'clock, 6", within 8 inch: NO, Remarks: DROP LATERAL	
	225.20	F1 Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES, End	S 3
	225.30	Water Level, within 8 inch: NO	M 2
	225.30	Manhole, within 8 inch: NO, Remarks: 1977-0050	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
5243	4125	49	15	64	3.5	2.14	3.05



Inspection report

Date: 20110608	P.O.#:	Weather: Dry	Surveyed By: Martin Garcia	section number: 2709	PSR: 42513
Total Pipe Length: 128.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 06/07/2011	Pre-Cleaned: Jetting	Map Grid #: 0

Street: PEPPERWOOD AV	Flow Control: Not Controlled	Start MH: 1923-0627
City: LAK	Year Renewed	End MH: 1923-0628
Location Code: Light Highway	Tape/Media #: M317-053	pipe length: 93.9 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0627/1923-0628/1923	Lining Method:
	Category:

Remark::

1:225	position	observation	grade
	0		
			0 FT // 00:00:22 0 FT // 00:00:34 1.9 FT // 00:01:21 1.9 FT // 00:01:21 1.9 FT // 00:01:40
	1923-0627	Manhole, within 8 inch: NO, Remarks: 1923-0627	
	0.00		
	0.00	Water Level, 15 %, within 8 inch: NO	M 2
	1.90	Hole Void Visible, from 10 to 2 o'clock, within 8 inch: NO	S 5
	1.90	Broken Void Visible, from 10 to 2 o'clock, within 8 inch: NO	S 5
	3.10	Tap Break-in Active, at 9 o'clock, 6", within 8 inch: NO	
	3.90	Fracture Longitudinal, at 11 o'clock, within 8 inch: YES	S 3
	4.70	Tap Factory Capped, at 9 o'clock, 6", within 8 inch: NO	
	56.80	Crack Longitudinal, at 3 o'clock, within 8 inch: YES	S 2
	59.60	Crack Multiple, from 7 to 4 o'clock, within 8 inch: YES	S 3
	61.70	Tap Break-in Active, at 11 o'clock, 4", within 8 inch: NO	
	81.00	Crack Multiple, from 8 to 2 o'clock, within 8 inch: YES	S 3
	87.10	Fracture Multiple, from 7 to 5 o'clock, within 8 inch: YES	S 4
	89.00	Tap Break-in Active, at 11 o'clock, 6", within 8 inch: NO	
	93.20	Water Level, 10 %, within 8 inch: NO	M 2
	1923-0628	Manhole, within 8 inch: NO, Remarks: 1923-0628	
	93.90	Vermin Cockroach, within 8 inch: NO	M 1
	93.90		
	5		

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
5241	2211	25	5	30	3.57	1.67	3



Inspection report

Date: 20110623	P.O.#:	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 3003	PSR: 42983
Total Pipe Length: 255.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 06/21/2011	Pre-Cleaned: Jetting	Map Grid #: 1923

Street: OBISPO AV	Flow Control: Not Controlled	Start MH: 1923-0137
City: LAK	Year Renewed	End MH: 1923-0151
Location Code: Light Highway	Tape/Media #: R311-079	pipe length: 242.4 ft

Reason for inspection: Maintenance Related	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0137/1923-0151/1923	Lining Method:
	Category:

Remark::

1:396	position	observation	grade
			0 FT // 00:00:28 0 FT // 00:00:39 0 FT // 00:00:39 0 FT // 00:01:04 29.5 FT // 00:02:01
	0.00	Manhole, within 8 inch: NO, Remarks: 1923-0137	
	0.00	Vermin Cockroach, within 8 inch: NO	M 1
	0.00	Water Level, 5 %, within 8 inch: NO	M 2
	29.50	Roots Fine Joint, at 4 o'clock, within 8 inch: YES	
	29.60	Crack Multiple, from 9 to 3 o'clock, within 8 inch: YES	S 3
	38.90	Broken, from 9 to 4 o'clock, within 8 inch: YES	S 5
	39.10	Roots Medium Joint, at 4 o'clock, 15 %, within 8 inch: YES	
	40.30	Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	
	40.30	Roots Ball Lateral, at 10 o'clock, 85 %, within 8 inch: NO	M 4
	47.40	S1 Roots Fine Joint, from 3 to 9 o'clock, within 8 inch: YES, Start	
	78.10	F1 Roots Fine Joint, from 3 to 9 o'clock, within 8 inch: YES, End	
	79.60	Crack Multiple, from 8 to 4 o'clock, within 8 inch: NO	S 3
	81.40	S2 Broken, from 8 to 1 o'clock, within 8 inch: YES, Start	S 5
	81.40	Roots Medium Joint, from 3 to 9 o'clock, 15 %, within 8 inch: YES	
	82.90	Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	
	82.90	Roots Ball Lateral, at 10 o'clock, 95 %, within 8 inch: NO	M 4
	82.90	Roots Medium Connection, at 10 o'clock, 15 %, within 8 inch: NO	M 3
	84.00	F2 Broken, from 8 to 1 o'clock, within 8 inch: YES, End	S 5
	84.00	Roots Medium Joint, from 3 to 10 o'clock, 15 %, within 8 inch: YES	
	96.50	S3 Roots Fine Joint, from 2 to 3 o'clock, within 8 inch: YES, Start	
	105.70	F3 Roots Fine Joint, from 2 to 3 o'clock, within 8 inch: YES, End	
	150.10	Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	
	150.10	Roots Ball Lateral, at 10 o'clock, 90 %, within 8 inch: NO	M 4
	150.10	Roots Fine Connection, at 10 o'clock, within 8 inch: NO	M 1



Inspection report

Date: 20110623	P.O.#:	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 3003	PSR: 42983
Total Pipe Length: 255.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 06/21/2011	Pre-Cleaned: Jetting	Map Grid #: 1923

1:396	position	observation	grade
	194.00	Roots Fine Joint, from 8 to 4 o'clock, within 8 inch: YES	
	203.20	Crack Multiple, from 11 to 3 o'clock, within 8 inch: YES	S 3
	207.90	Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	
	207.90	Roots Ball Lateral, at 10 o'clock, 90 %, within 8 inch: NO	M 4
	227.30	Crack Multiple, from 8 to 11 o'clock, within 8 inch: YES	S 3
	228.90	Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	
	230.10	Roots Fine Joint, from 3 to 9 o'clock, within 8 inch: YES	
	240.60	Water Level, 5 %, within 8 inch: NO	M 2
	242.40	Manhole, within 8 inch: NO, Remarks: 1923-0151	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
5334	4431	27	25	52	3.86	2.78	3.25



Inspection report

Date: 20110628	P.O.#:	Weather: Dry	Surveyed By: Martin Garcia	section number: 3170	PSR: 42187
Total Pipe Length: 223.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 06/27/2011	Pre-Cleaned: Jetting	Map Grid #: 0

Street: ALLEY	Flow Control: Not Controlled	Start MH: 1924-0225
City: LAK	Year Renewed	End MH: 1924-0224
Location Code: Light Highway	Tape/Media #: M317-064	pipe length: 226.5 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0225/1924-0224/1924	Lining Method:
	Category:

Remark::

1:525	position	observation	grade
1			
			0 FT // 00:00:26 0 FT // 00:00:32 0 FT // 00:00:45 4.9 FT // 00:01:09 4.9 FT // 00:01:18
	0.00	Manhole, within 8 inch: NO, Remarks: 1924-0225	
	0.00	Vermin Cockroach, within 8 inch: NO	M 1
	0.00	Water Level, 10 %, within 8 inch: NO	M 2
	4.90	Tap Factory Capped, at 3 o'clock, 6", within 8 inch: NO	
	4.90	Vermin Cockroach, within 8 inch: NO	M 1
	12.30	Broken Soil Visible, from 5 to 8 o'clock, within 8 inch: YES	S 5
	12.30	Hole Soil Visible, from 5 to 8 o'clock, within 8 inch: YES	S 5
	16.80	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	52.10	Crack Circumferential, from 12 to 10 o'clock, within 8 inch: YES	S 1
	56.20	Tap Factory Capped, at 9 o'clock, 6", within 8 inch: NO	
	56.20	Vermin Cockroach, within 8 inch: NO	M 1
	99.40	Tap Factory Capped, at 9 o'clock, 6", within 8 inch: NO	
	102.60	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	187.00	Roots Fine Joint, from 4 to 8 o'clock, within 8 inch: YES	
	211.90	Water Mark, 30 %, within 8 inch: NO	M 2
	226.30	Water Level, 10 %, within 8 inch: NO	M 2
	226.30	Manhole, within 8 inch: NO, Remarks: 1924-0224	
	226.50	Vermin Cockroach, within 8 inch: NO	M 1
1			

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
5211	2314	11	10	21	3.67	1.43	2.1



Inspection report

Date: 20110610	P.O.#:	Weather: Dry	Surveyed By: Martin Garcia	section number: 3058	PSR: 42408
Total Pipe Length: 218.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 06/09/2011	Pre-Cleaned: Jetting	Map Grid #: 1

Street: HAZELBROOK AV	Flow Control: Not Controlled	Start MH: 1923-0640
City: LAK	Year Renewed	End MH: 1923-0641
Location Code: Light Highway	Tape/Media #: M317-055	pipe length: 239 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 10"/10"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0640/1923-0641/1923	Lining Method:
	Category:

Remark::

1:550	position	observation	grade
	0		
			0 FT // 00:00:30
			0 FT // 00:00:36
			0 FT // 00:00:46
			36.1 FT // 00:02:08
			36.1 FT // 00:02:28
	1923-0640	Manhole, within 8 inch: NO, Remarks: 1923-0640	
	0.00	Vermin Cockroach, within 8 inch: NO	M 1
	0.00	Water Level, 20 %, within 8 inch: NO	M 2
	36.10	Tap Break-in Active, at 3 o'clock, 6", within 8 inch: NO	
	36.10	Deposits Attached Encrustation, from 1 to 4 o'clock, 5 %, within 8 inch: NO	M 2
	82.30	Water Level, 30 %, within 8 inch: NO	M 2
	102.80	Water Level, 20 %, within 8 inch: NO	M 2
	154.70	Tap Factory Capped, at 3 o'clock, 6", within 8 inch: NO, Remarks: FRACTURE IN CAP	
	174.70	Broken Void Visible, from 10 to 2 o'clock, within 8 inch: YES	S 5
	174.70	Hole Void Visible, from 10 to 2 o'clock, within 8 inch: YES	S 5
	175.70	Tap Break-in Active, at 3 o'clock, 6", within 8 inch: NO	
	236.70	Water Level, 20 %, within 8 inch: NO	M 2
	239.00	Vermin Cockroach, within 8 inch: NO	M 1
	239.00	Manhole, within 8 inch: NO, Remarks: 1923-0641	
	0		

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
5200	2512	10	12	22	5	1.71	2.44



Inspection report

Date: 20110608	P.O.#: Y0TV1011B	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 2847	PSR: 42743
Total Pipe Length: 268.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 06/07/2011	Pre-Cleaned: Jetting	Map Grid #:

Street: CAMERINO ST	Flow Control: Not Controlled	Start MH: 1923-0538
City: LAK	Year Renewed	End MH: 1923-0374
Location Code: Light Highway	Tape/Media #: G312-065	pipe length: 264.4 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0374/1923-0538/1923	Lining Method:
	Category:

Remark::

1:429	position	observation	grade
	1923		
			0 FT // 00:00:40
			0 FT // 00:01:05
			0 FT // 00:01:28
			0 FT // 00:01:28
			5 FT // 00:02:14
	1923-0538	Manhole, within 8 inch: NO, Remarks: 1923-0538	
	0.00		
	0.00	Water Level, 15 %, within 8 inch: NO	M 2
	0.00	Crack Circumferential, from 6 to 9 o'clock, within 8 inch: NO	S 1
	5.00	Water Mark, 10 %, within 8 inch: NO	M 2
	12.20	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	S 3
	13.70	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	30.00	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	S 3
	39.40 S1	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES, Start	S 3
	64.30 S2	Fracture Multiple, from 7 to 5 o'clock, within 8 inch: YES, Start	S 4
	64.30	Broken, from 7 to 8 o'clock, within 8 inch: NO	S 4
	65.70	Tap Factory Defective, at 9 o'clock, 6", within 8 inch: NO	M 2
	65.70	Broken, from 8 to 10 o'clock, within 8 inch: NO	S 4
	65.70	Deformed, 5 %, within 8 inch: NO	S 4
	71.30 F2	Fracture Multiple, from 7 to 5 o'clock, within 8 inch: YES, End	S 4
	100.60	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	S 3
	106.90	Fracture Circumferential, from 7 to 5 o'clock, within 8 inch: YES	S 2
	110.10 S4	Crack Multiple, from 11 to 5 o'clock, within 8 inch: YES, Start	S 3
	119.10 S5	Fracture Multiple, from 7 to 2 o'clock, within 8 inch: YES, Start	S 4
	120.50	Tap Factory Defective, at 9 o'clock, 6", within 8 inch: NO	M 2
	120.60 F5	Fracture Multiple, from 7 to 2 o'clock, within 8 inch: YES, End	S 4
	173.60 S6	Fracture Multiple, from 7 to 5 o'clock, within 8 inch: YES, Start	S 4
	175.10	Tap Factory Defective, at 9 o'clock, 6", within 8 inch: NO	M 2
	176.30 F6	Fracture Multiple, from 7 to 5 o'clock, within 8 inch: YES, End	S 4
	189.10 S7	Water Level Sag, 30 %, within 8 inch: NO, Start	M 2



Inspection report

Date: 20110608	P.O.#: Y0TV1011B	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 2847	PSR: 42743
Total Pipe Length: 268.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 06/07/2011	Pre-Cleaned: Jetting	Map Grid #:

1:429	position	observation	grade
	<u>194.90</u>	Crack Multiple, from 2 to 5 o'clock, within 8 inch: YES	S 3
	<u>205.00</u>	Water Level, 45 %, within 8 inch: NO	M 2
	<u>214.30</u>	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	<u>261.60</u> F4	Crack Multiple, from 11 to 5 o'clock, within 8 inch: YES, End	S 3
	<u>261.60</u> F7	Water Level Sag, 30 %, within 8 inch: NO, End	M 2
	<u>264.30</u> F1	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES, End	S 3
	<u>264.40</u>	Water Level, 15 %, within 8 inch: NO	M 2
	<u>264.40</u>	Vermin Cockroach, within 8 inch: NO	M 1
	<u>264.40</u>	Manhole, within 8 inch: NO, Remarks: 1923-0374	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
4938	2911	63	19	82	3.32	1.9	2.83



Inspection report

Date: 20110621	P.O.#:	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 2987	PSR: 42914
Total Pipe Length: 342.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 06/17/2011	Pre-Cleaned: Jetting	Map Grid #: 1923

Street: DENMEAD ST	Flow Control: Not Controlled	Start MH: 1923-0185
City: LAK	Year Renewed:	End MH: 1923-0186
Location Code: Light Highway	Tape/Media #: R311-077	pipe length: 351.6 ft

Reason for inspection: Maintenance Related	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0185/1923-0186/1923	Lining Method:
	Category:

Remark::

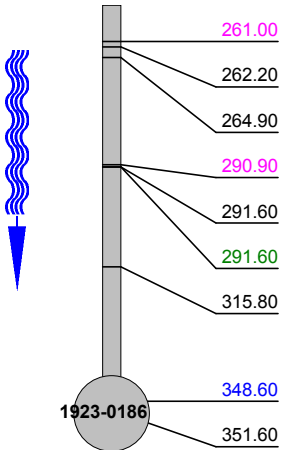
1:561	position	observation	grade
			0 FT // 00:00:29 0 FT // 00:00:49 3.1 FT // 00:01:21 3.1 FT // 00:01:21 5.2 FT // 00:01:49
	1923-0185	Manhole, within 8 inch: NO, Remarks: 1923-0185	
	<u>0.00</u>	Water Level, 5 %, within 8 inch: NO	M 2
	<u>3.10</u> S1	Roots Fine Joint, from 8 to 10 o'clock, within 8 inch: YES, Start	
	<u>5.20</u> F1	Roots Fine Joint, from 8 to 10 o'clock, within 8 inch: YES, End	
	<u>5.40</u>	Crack Multiple, from 9 to 3 o'clock, within 8 inch: YES	S 3
	<u>6.90</u>	Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	
	<u>9.30</u>	Tap Factory Active, at 2 o'clock, 6", within 8 inch: NO	
	<u>59.90</u>	Crack Multiple, from 8 to 5 o'clock, within 8 inch: YES	S 3
	<u>61.30</u>	Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	
	<u>61.30</u>	Roots Medium Lateral, at 10 o'clock, 25 %, within 8 inch: NO	M 3
	<u>64.80</u>	Roots Fine Joint, from 8 to 4 o'clock, within 8 inch: YES	
	<u>66.50</u>	Tap Factory Active, at 2 o'clock, 6", within 8 inch: NO	
	<u>66.50</u>	Roots Fine Connection, at 2 o'clock, within 8 inch: NO	M 1
	<u>102.70</u>	Tap Factory Active, at 2 o'clock, 6", within 8 inch: NO	
	<u>119.60</u>	Broken Soil Visible, at 9 o'clock, within 8 inch: YES	S 5
	<u>119.60</u>	Fracture Multiple, from 8 to 4 o'clock, within 8 inch: YES	S 4
	<u>120.70</u>	Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	
	<u>140.50</u>	Crack Multiple, from 8 to 4 o'clock, within 8 inch: YES	S 3
	<u>141.60</u>	Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	
	<u>162.70</u>	Tap Factory Active, at 2 o'clock, 6", within 8 inch: NO	
	<u>162.70</u>	Roots Medium Lateral, at 2 o'clock, 15 %, within 8 inch: NO	M 3
	<u>197.90</u>	Crack Multiple, from 9 to 3 o'clock, within 8 inch: YES	S 3
	<u>199.10</u>	Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	
	<u>204.50</u>	Tap Factory Active, at 2 o'clock, 6", within 8 inch: NO	



Inspection report

Date: 20110621	P.O.#:	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 2987	PSR: 42914
Total Pipe Length: 342.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 06/17/2011	Pre-Cleaned: Jetting	Map Grid #: 1923

1:561	position	observation	grade
	<u>261.00</u>	Fracture Multiple, from 8 to 4 o'clock, within 8 inch: YES	S 4
	<u>262.20</u>	Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	
	<u>264.90</u>	Tap Factory Active, at 2 o'clock, 6", within 8 inch: NO	
	<u>290.90</u>	Fracture Multiple, from 8 to 5 o'clock, within 8 inch: YES	S 4
	<u>291.60</u>	Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	
	<u>291.60</u>	Roots Fine Lateral, at 10 o'clock, within 8 inch: NO	M 1
	<u>315.80</u>	Tap Factory Active, at 2 o'clock, 6", within 8 inch: NO	
	<u>348.60</u>	Water Level, 5 %, within 8 inch: NO	M 2
	<u>351.60</u>	Manhole, within 8 inch: NO, Remarks: 1923-0186	



QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
5143	3222	29	12	41	3.63	2	2.93



Inspection report

Date: 20110603	P.O.#: Y0TV1011B	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 2445	PSR: 35784
Total Pipe Length: 277.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 06/02/2011	Pre-Cleaned: Jetting	Map Grid #:

Street: SUNFIELD AV	Flow Control: Not Controlled	Start MH: 1977-0006
City: LAK	Year Renewed	End MH: 1977-0044
Location Code: Light Highway	Tape/Media #: G312-062	pipe length: 200.8 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0006/1977-0044/1977	Lining Method:
	Category:

Remark::

1:450	position	observation	grade				
1977							
			0 FT // 00:00:29 0 FT // 00:00:36 0 FT // 00:00:46 5 FT // 00:01:35 26.1 FT // 00:02:19				
	0.00	Manhole, within 8 inch: NO, Remarks: 1977-0006					
	0.00	Vermin Cockroach, within 8 inch: NO	M 1				
	0.00	Water Level, 10 %, within 8 inch: NO	M 2				
	5.00	Water Mark, 10 %, within 8 inch: NO	M 2				
	26.10	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO					
	34.40	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO					
	80.50	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO					
	88.20	Crack Multiple, from 7 to 3 o'clock, within 8 inch: YES	S 3				
	89.10	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO					
	139.50	Fracture Multiple, from 7 to 5 o'clock, within 8 inch: YES, Start	S 4				
	140.10	Deformed, 5 %, within 8 inch: NO, Start	S 4				
	141.00	Broken, from 7 to 5 o'clock, within 8 inch: YES, Start	S 5				
	141.00	Roots Fine Barrel, at 3 o'clock, within 8 inch: NO	M 2				
	141.00	Tap Factory Defective, at 9 o'clock, 6", within 8 inch: NO	M 2				
	144.10	Tap Factory Defective, at 3 o'clock, 6", within 8 inch: NO	M 2				
	144.10	Fracture Multiple, from 7 to 5 o'clock, within 8 inch: YES, End	S 4				
	144.10	Deformed, 5 %, within 8 inch: NO, End	S 4				
	144.10	Broken, from 7 to 5 o'clock, within 8 inch: YES, End	S 5				
	200.80	Water Level, 10 %, within 8 inch: NO	M 2				
	200.80	Vermin Cockroach, within 8 inch: NO	M 1				
	200.80	Manhole, within 8 inch: NO, Remarks: 1977-0044					
QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
5244	2612	29	14	43	4.14	1.75	2.87



Inspection report

Date: 20110623	P.O.#:	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 2999	PSR: 42972
Total Pipe Length: 343.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 06/21/2011	Pre-Cleaned: Jetting	Map Grid #: 1923

Street: CANDLEWOOD ST	Flow Control: Not Controlled	Start MH: 1923-0128
City: LAK	Year Renewed	End MH: 1923-0129
Location Code: Light Highway	Tape/Media #: R311-079	pipe length: 350.9 ft

Reason for inspection: Maintenance Related	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0128/1923-0129/1923	Lining Method:
	Category:

Remark::

1:800	position	observation	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1923-0128	0 FT // 00:00:28
	0.00	Vermin Cockroach, within 8 inch: NO	0 FT // 00:00:38
	0.00	Water Level, 5 %, within 8 inch: NO	0 FT // 00:00:38
	0.00		0 FT // 00:01:00
	0.00		2.5 FT // 00:01:26
	2.50 S1	Roots Fine Joint, from 8 to 4 o'clock, within 8 inch: YES, Start	
	5.00	Water Mark, 5 %, within 8 inch: NO	M 2
	7.80 F1	Roots Fine Joint, from 8 to 4 o'clock, within 8 inch: YES, End	
	10.80	General Observation, within 8 inch: NO, Remarks: Pipe joint Length 3'	
	22.30	Vermin Cockroach, within 8 inch: NO	M 1
	32.90	Fracture Multiple, from 7 to 4 o'clock, within 8 inch: YES	S 4
	34.30	Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	
	34.30	Roots Ball Lateral, at 10 o'clock, 60 %, within 8 inch: NO	M 4
	103.30	Fracture Multiple, from 9 to 4 o'clock, within 8 inch: YES	S 4
	104.60	Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	
	147.60	Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	
	205.70	Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	
	246.80	Roots Medium Joint, from 8 to 3 o'clock, 25 %, within 8 inch: YES	
	248.10	Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	
	248.10	Roots Ball Lateral, at 10 o'clock, 70 %, within 8 inch: NO	M 4
	248.10	Roots Medium Connection, at 10 o'clock, 25 %, within 8 inch: NO	M 3
	248.20	Fracture Circumferential, from 11 to 5 o'clock, within 8 inch: NO	S 2
	280.40	Broken, from 8 to 12 o'clock, within 8 inch: YES	S 5
	281.80	Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	
	282.00	Fracture Circumferential, from 11 to 5 o'clock, within 8 inch: NO	S 2
	348.60	Water Level, 5 %, within 8 inch: NO	M 2
	350.90	Manhole, within 8 inch: NO, Remarks: 1923-0129	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
5142	4231	17	19	36	3.4	2.38	2.77



Inspection report

Date: 20110527	P.O.#: Y0TV1011B	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 2393	PSR: 35823
Total Pipe Length: 312.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 05/26/2011	Pre-Cleaned: Jetting	Map Grid #:

Street: HERSHOLT AV	Flow Control: Not Controlled	Start MH: 1977-0042
City: LAK	Year Renewed	End MH: 1977-0053
Location Code: Light Highway	Tape/Media #: G312-058	pipe length: 252.3 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0042/1977-0053/1977	Lining Method:
	Category:

Remark::

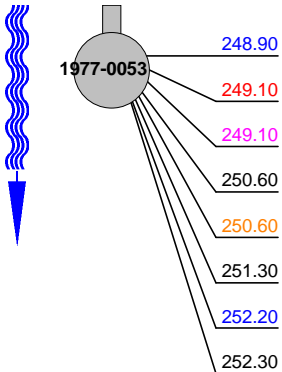
1:528	position	observation	grade
1977			
			0 FT // 00:00:34 0 FT // 00:01:12 0 FT // 00:01:21 3.4 FT // 00:02:12 3.4 FT // 00:02:12
	1977-0042	Manhole, within 8 inch: NO, Remarks: 1977-0042	
	0.00	Water Level, 10 %, within 8 inch: NO	M 2
	0.00	Water Mark, 10 %, within 8 inch: NO	M 2
	3.40	Crack Circumferential, from 7 to 10 o'clock, within 8 inch: YES	S 1
	7.20	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	13.70	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	17.60 S1	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES, Start	S 3
	60.30 S2	Roots Medium Joint, from 2 to 10 o'clock, 40 %, within 8 inch: YES, Start	
	61.90	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	61.90	Roots Medium Connection, from 2 to 5 o'clock, 35 %, within 8 inch: NO	M 3
	65.90 F2	Roots Medium Joint, from 2 to 10 o'clock, 40 %, within 8 inch: YES, End	
	67.60	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	68.70 S3	Roots Fine Joint, from 7 to 10 o'clock, within 8 inch: YES, Start	
	87.10	Roots Medium Joint, from 7 to 10 o'clock, 25 %, within 8 inch: YES	
	88.60	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	137.00	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	138.90	Roots Medium Joint, from 1 to 10 o'clock, 35 %, within 8 inch: YES	
	139.60	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	165.60	Roots Medium Joint, from 7 to 10 o'clock, 25 %, within 8 inch: YES	
	168.60	Roots Medium Joint, from 7 to 10 o'clock, 25 %, within 8 inch: YES	
	197.70	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	197.70	Roots Medium Lateral, at 9 o'clock, 25 %, within 8 inch: NO	M 3
	200.50	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	207.60 F3	Roots Fine Joint, from 7 to 10 o'clock, within 8 inch: YES, End	



Inspection report

Date: 20110527	P.O.#: Y0TV1011B	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 2393	PSR: 35823
Total Pipe Length: 312.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 05/26/2011	Pre-Cleaned: Jetting	Map Grid #:

1:528	position	observation	grade
	<u>248.90</u>	Roots Fine Barrel, from 3 to 9 o'clock, within 8 inch: NO	M 2
	<u>249.10</u>	Broken, from 7 to 6 o'clock, within 8 inch: YES	S 5
	<u>249.10</u>	Fracture Multiple, from 7 to 6 o'clock, within 8 inch: YES	S 4
	<u>250.60</u>	Roots Fine Joint, from 7 to 10 o'clock, within 8 inch: YES	
	<u>250.60</u> F1	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES, End	S 3
	<u>251.30</u>	Tap Factory Active, at 6 o'clock, 6", within 8 inch: NO	
	<u>252.20</u>	Water Level, 10 %, within 8 inch: NO	M 2
	<u>252.30</u>	Manhole, within 8 inch: NO, Remarks: 1977-0053	



QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
5141	3224	16	14	30	3.2	2.33	2.73



Inspection report

Date: 20110608	P.O.#:	Weather: Dry	Surveyed By: Martin Garcia	section number: 2708	PSR: 42512
Total Pipe Length: 350.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 06/07/2011	Pre-Cleaned: Jetting	Map Grid #: 0

Street: PEPPERWOOD AV	Flow Control: Not Controlled	Start MH: 1923-0626
City: LAK	Year Renewed:	End MH: 1923-0627
Location Code: Light Highway	Tape/Media #: M317-053	pipe length: 313.4 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0626/1923-0627/1923	Lining Method:
	Category:

Remark::

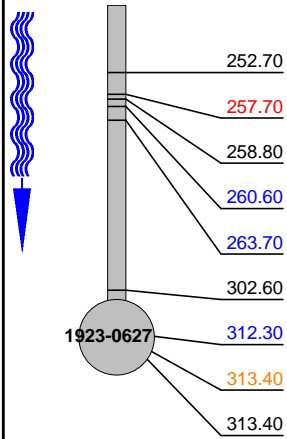
1:528	position	observation	grade
	0		
			0 FT // 00:00:21
			0 FT // 00:00:27
			0 FT // 00:00:37
			3.3 FT // 00:01:23
			3.3 FT // 00:01:23
	0.00	Manhole, within 8 inch: NO, Remarks: 1923-0626	
	0.00	Vermin Cockroach, within 8 inch: NO	M 1
	0.00	Water Level, 10 %, within 8 inch: NO	M 2
	3.30	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	S 3
	4.50	Crack Multiple, from 12 to 5 o'clock, within 8 inch: YES	S 3
	5.00	Water Mark, 15 %, within 8 inch: NO	M 2
	11.50	Crack Circumferential, from 10 to 2 o'clock, within 8 inch: YES	S 1
	14.30	Crack Circumferential, from 3 to 5 o'clock, within 8 inch: YES	S 1
	16.90	Water Level, 20 %, within 8 inch: NO	M 2
	21.00	Tap Factory Active, at 11 o'clock, 6", within 8 inch: NO	
	26.70	Water Level, 15 %, within 8 inch: NO	M 2
	31.90	Crack Multiple, from 9 to 3 o'clock, within 8 inch: YES	S 3
	38.20	Crack Longitudinal, at 2 o'clock, within 8 inch: YES	S 2
	48.80	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	53.30	Fracture Multiple, from 7 to 5 o'clock, within 8 inch: YES	S 4
	56.80 S1	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES, Start	S 3
	97.20	Fracture Longitudinal, at 8 o'clock, within 8 inch: YES	S 3
	98.10	Tap Factory Capped, at 9 o'clock, 6", within 8 inch: NO	
	173.00	Tap Factory Capped, at 9 o'clock, 6", within 8 inch: NO	
	205.20	Fracture Circumferential, from 3 to 9 o'clock, within 8 inch: YES	S 2
	212.40	Tap Factory Capped, at 9 o'clock, 6", within 8 inch: NO	
	212.40	Vermin Rat, 1", within 8 inch: NO	M 2



Inspection report

Date: 20110608	P.O.#:	Weather: Dry	Surveyed By: Martin Garcia	section number: 2708	PSR: 42512
Total Pipe Length: 350.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 06/07/2011	Pre-Cleaned: Jetting	Map Grid #: 0

1:528	position	observation	grade
	252.70	Tap Factory Capped, at 9 o'clock, 6", within 8 inch: NO	
	257.70	Hole Void Visible, from 11 to 12 o'clock, within 8 inch: YES	S 5
	258.80	Tap Break-in Active, at 12 o'clock, 6", within 8 inch: NO	
	260.60	Fracture Circumferential, from 3 to 9 o'clock, within 8 inch: YES	S 2
	263.70	Fracture Circumferential, from 8 to 4 o'clock, within 8 inch: YES	S 2
	302.60	Tap Factory Capped, at 9 o'clock, 6", within 8 inch: NO	
	312.30	Water Level, 10 %, within 8 inch: NO	M 2
	313.40 F1	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES, End	S 3
	313.40	Manhole, within 8 inch: NO, Remarks: 1923-0627	



13

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
5141	2611	37	13	50	2.64	1.86	2.38



Inspection report

Date: 20110609	P.O.#:	Weather: Dry	Surveyed By: Martin Garcia	section number: 2726	PSR: 42662
Total Pipe Length: 330.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 06/08/2011	Pre-Cleaned: Jetting	Map Grid #: 0

Street: VERDURA AV	Flow Control: Not Controlled	Start MH: 1923-0407
City: LAK	Year Renewed:	End MH: 1923-0408
Location Code: Light Highway	Tape/Media #: M317-054	pipe length: 352.8 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0407/1923-0408/1923	Lining Method:
	Category:

Remark::

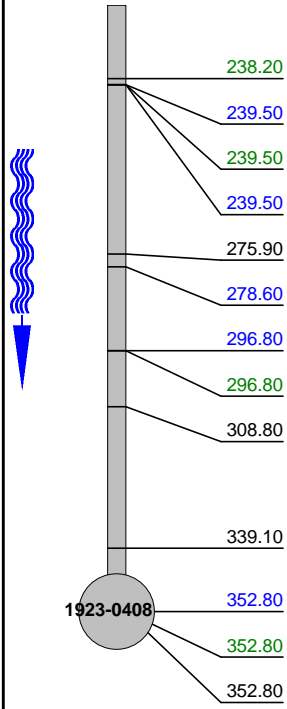
1:495	position	observation	grade
1			0 FT // 00:00:25 0 FT // 00:00:33 0 FT // 00:00:45 6.2 FT // 00:01:27 6.2 FT // 00:01:27
	0.00	Manhole, within 8 inch: NO, Remarks: 1923-0407	
	0.00	Vermin Cockroach, within 8 inch: NO	M 1
	0.00	Water Level, 15 %, within 8 inch: NO	M 2
	6.20	Crack Multiple, from 8 to 4 o'clock, within 8 inch: YES	S 3
	28.00	Crack Circumferential, from 9 to 3 o'clock, within 8 inch: YES	S 1
	28.00	Roots Fine Joint, from 8 to 10 o'clock, within 8 inch: YES	
	29.10	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	30.50	Crack Multiple, from 8 to 4 o'clock, within 8 inch: YES	S 3
	31.60	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	36.90	Water Level, 20 %, within 8 inch: NO	M 2
	80.40	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	86.00	Tap Factory Defective, at 3 o'clock, 6", within 8 inch: NO	M 2
	86.00	Fracture Circumferential, from 7 to 9 o'clock, within 8 inch: NO, Remarks: IN LATERAL	S 2
	102.90	Fracture Multiple, from 7 to 4 o'clock, within 8 inch: YES	S 4
	104.00	Tap Factory Defective, at 9 o'clock, 6", within 8 inch: NO	M 2
	104.00	Fracture Circumferential, from 6 to 6 o'clock, within 8 inch: NO, Remarks: IN LATERAL	S 2
	104.00	Hole Soil Visible, at 9 o'clock, within 8 inch: NO, Remarks: IN LATERAL	S 5
	119.40	Water Level, 15 %, within 8 inch: NO	M 2
	155.60	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	182.80	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	185.40	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	209.50	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	



Inspection report

Date: 20110609	P.O.#:	Weather: Dry	Surveyed By: Martin Garcia	section number: 2726	PSR: 42662
Total Pipe Length: 330.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 06/08/2011	Pre-Cleaned: Jetting	Map Grid #: 0

1:495	position	observation	grade
	<u>238.20</u>	Crack Circumferential, from 1 to 7 o'clock, within 8 inch: YES	S 1
	<u>239.50</u>	Tap Factory Defective, at 3 o'clock, 6", within 8 inch: NO	M 2
	<u>239.50</u>	Crack Circumferential, from 6 to 6 o'clock, within 8 inch: NO, Remarks: IN LATERAL	S 1
	<u>239.50</u>	Crack Longitudinal, at 12 o'clock, within 8 inch: NO	S 2
	<u>275.90</u>	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	<u>278.60</u>	Water Mark, 20 %, within 8 inch: NO	M 2
	<u>296.80</u>	Tap Factory Defective, at 3 o'clock, 6", within 8 inch: NO	M 2
	<u>296.80</u>	Crack Circumferential, from 6 to 6 o'clock, within 8 inch: NO, Remarks: IN LATERAL	S 1
	<u>308.80</u>	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	<u>339.10</u>	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	<u>352.80</u>	Water Level, 15 %, within 8 inch: NO	M 2
	<u>352.80</u>	Vermin Cockroach, within 8 inch: NO	M 1
	<u>352.80</u>	Manhole, within 8 inch: NO, Remarks: 1923-0408	



10

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
5141	2912	25	20	45	2.27	1.82	2.05



Inspection report

Date: 20110621	P.O.#:	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 2983	PSR: 42916
Total Pipe Length: 342.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 06/17/2011	Pre-Cleaned: Jetting	Map Grid #: 1923

Street: DENMEAD ST	Flow Control: Not Controlled	Start MH: 1923-0187
City: LAK	Year Renewed	End MH: 1923-0188
Location Code: Light Highway	Tape/Media #: R311-077	pipe length: 249.5 ft

Reason for inspection: Maintenance Related	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0187/1923-0188/1923	Lining Method:
	Category:

Remark::

1:575	position	observation	grade
			0 FT // 00:00:28 0 FT // 00:00:48 0 FT // 00:00:48 0 FT // 00:01:07 2.5 FT // 00:02:36
	0.00	Manhole, within 8 inch: NO, Remarks: 1923-0187	
	0.00	Vermin Cockroach, within 8 inch: NO	M 1
	0.00	Water Level, 5 %, within 8 inch: NO	M 2
	2.50	Fracture Multiple, from 8 to 4 o'clock, within 8 inch: NO	S 4
	4.00	Tap Factory Active, at 2 o'clock, 6", within 8 inch: NO	
	5.00	Water Mark, 5 %, within 8 inch: NO	M 2
	14.90	Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	
	18.70	General Observation, within 8 inch: NO, Remarks: Pipe Joint Length 3'	
	59.90	Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	
	65.70	Tap Factory Active, at 2 o'clock, 6", within 8 inch: NO	
	105.30	Tap Factory Active, at 2 o'clock, 6", within 8 inch: NO	
	118.80	Crack Multiple, from 8 to 4 o'clock, within 8 inch: YES	S 3
	118.80	Roots Fine Joint, at 2 o'clock, within 8 inch: YES	
	120.10	Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	
	140.40	Broken Soil Visible, from 8 to 10 o'clock, within 8 inch: NO, Remarks: S 5 Lateral	
	141.20	Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	
	187.40	Tap Factory Active, at 2 o'clock, 6", within 8 inch: NO	
	207.20	Crack Multiple, from 7 to 10 o'clock, within 8 inch: YES	S 3
	208.50	Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	
	217.80	Tap Factory Active, at 2 o'clock, 6", within 8 inch: NO	
	249.10	Water Level, 5 %, within 8 inch: NO	M 2
	249.50	Vermin Cockroach, within 8 inch: NO	M 1
	249.50	Manhole, within 8 inch: NO, Remarks: 1923-0188	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
5141	2312	15	8	23	3.75	1.6	2.56



Inspection report

Date: 20110623	P.O.#:	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 3010	PSR: 42908
Total Pipe Length: 345.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 06/21/2011	Pre-Cleaned: Jetting	Map Grid #: 1923

Street: DOLLAR ST	Flow Control: Not Controlled	Start MH: 1923-0176
City: LAK	Year Renewed	End MH: 1923-0177
Location Code: Light Highway	Tape/Media #: R311-079	pipe length: 324.5 ft

Reason for inspection: Maintenance Related	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0176/1923-0177/1923	Lining Method:
	Category:

Remark::

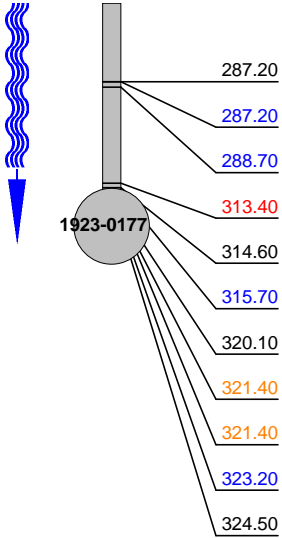
1:594	position	observation	grade
			0 FT // 00:00:26 0 FT // 00:00:39 5 FT // 00:01:09 12.8 FT // 00:01:35 17.2 FT // 00:02:05
	1923-0176	Manhole, within 8 inch: NO, Remarks: 1923-0176	
	0.00	Water Level, 5 %, within 8 inch: NO	M 2
	5.00	Water Mark, 10 %, within 8 inch: NO	M 2
	12.80	Tap Factory Active, at 2 o'clock, 6", within 8 inch: NO	
	17.20	General Observation, within 8 inch: NO, Remarks: Pipe Joint Length 3'	
	47.70	Crack Multiple, from 9 to 5 o'clock, within 8 inch: YES	S 3
	49.20	Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	
	49.20	Fracture Circumferential, from 10 to 5 o'clock, within 8 inch: NO, Remarks: Barrel	S 2
	54.80	Tap Factory Active, at 2 o'clock, 6", within 8 inch: NO	
	109.70	Tap Factory Active, at 2 o'clock, 6", within 8 inch: NO	
	117.10	Crack Longitudinal, at 9 o'clock, within 8 inch: YES	S 2
	118.30	Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	
	169.10	Crack Multiple, from 8 to 11 o'clock, within 8 inch: YES	S 3
	170.20	Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	
	170.20	Fracture Circumferential, from 9 to 3 o'clock, within 8 inch: NO, Remarks: Barrel	S 2
	179.00	Tap Factory Active, at 2 o'clock, 6", within 8 inch: NO	
	205.00	Crack Multiple, from 12 to 4 o'clock, within 8 inch: YES	S 3
	206.10	Tap Factory Active, at 2 o'clock, 6", within 8 inch: NO	
	206.10	Crack Circumferential, from 11 to 2 o'clock, within 8 inch: NO	S 1
	219.60	Fracture Longitudinal, at 3 o'clock, within 8 inch: YES	S 3
	222.90	Fracture Multiple, from 3 to 10 o'clock, within 8 inch: YES	S 4
	224.30	Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	
	251.00	Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	



Inspection report

Date: 20110623	P.O.#:	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 3010	PSR: 42908
Total Pipe Length: 345.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 06/21/2011	Pre-Cleaned: Jetting	Map Grid #: 1923

1:594	position	observation	grade
	<u>287.20</u>	Tap Factory Active, at 2 o'clock, 6", within 8 inch: NO	
	<u>287.20</u>	Fracture Circumferential, from 9 to 2 o'clock, within 8 inch: NO, Remarks: Barrel	S 2
	<u>288.70</u>	Crack Longitudinal, at 10 o'clock, within 8 inch: YES	S 2
	<u>313.40</u>	Broken, from 7 to 4 o'clock, within 8 inch: YES	S 5
	<u>314.60</u>	Tap Factory Active, at 2 o'clock, 6", within 8 inch: NO	
	<u>315.70</u>	Crack Longitudinal, at 10 o'clock, within 8 inch: YES	S 2
	<u>320.10</u>	Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	
	<u>321.40</u>	Fracture Longitudinal, at 4 o'clock, within 8 inch: YES	S 3
	<u>321.40</u>	Fracture Longitudinal, at 7 o'clock, within 8 inch: YES	S 3
	<u>323.20</u>	Water Level, 5 %, within 8 inch: NO	M 2
	<u>324.50</u>	Manhole, within 8 inch: NO, Remarks: 1923-0177	



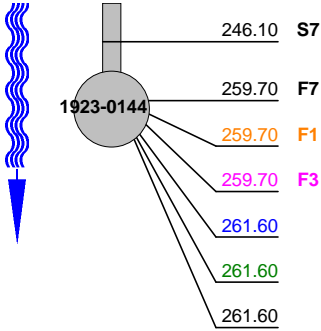
QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
5141	2300	40	6	46	2.67	2	2.56



Inspection report

Date: 20110714	P.O.#: Y0TV1011B	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 3572	PSR: 42989
Total Pipe Length: 263.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 07/13/2011	Pre-Cleaned: Jetting	Map Grid #:

1:528	position	observation	grade
	246.10	S7	
	259.70	F7	
	259.70	F1	S 3
	259.70	F3	S 4
	261.60	Water Level, 15 %, within 8 inch: NO	M 2
	261.60	Vermin Cockroach, within 8 inch: NO	M 1
	261.60	Manhole, within 8 inch: NO, Remarks: 1923-0144	



QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
4734	4126	41	17	58	3.42	2.13	2.9



Inspection report

Date: 20110608	P.O.#: Y0TV1011B	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 2848	PSR: 42742
Total Pipe Length: 268.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 06/07/2011	Pre-Cleaned: Jetting	Map Grid #:

Street: CAMERINO ST	Flow Control: Not Controlled	Start MH: 1923-0374
City: LAK	Year Renewed	End MH: 1923-0373
Location Code: Light Highway	Tape/Media #: G312-065	pipe length: 264.4 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0373/1923-0374/1923	Lining Method:
	Category:

Remark::

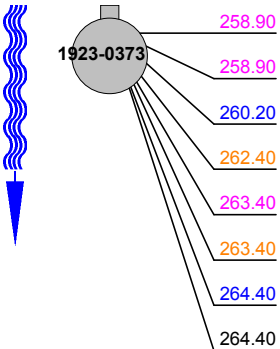
1:561	position	observation	grade
	1923		
			0 FT // 00:00:37 0 FT // 00:00:53 0 FT // 00:01:03 5.9 FT // 00:01:36 5.9 FT // 00:01:36
	1923-0374	Manhole, within 8 inch: NO, Remarks: 1923-0374	
	0.00	Water Level, 15 %, within 8 inch: NO	M 2
	0.00	Water Mark, 15 %, within 8 inch: NO	M 2
	5.90 S1	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES, Start	S 3
	7.10	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	7.10	Roots Medium Lateral, at 9 o'clock, 30 %, within 8 inch: NO	M 3
	32.80 S2	Water Level Sag, 30 %, within 8 inch: NO, Start	M 2
	45.40 F1	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES, End	S 3
	58.80	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	91.80 F2	Water Level Sag, 30 %, within 8 inch: NO, End	M 2
	91.80	Water Level, 15 %, within 8 inch: NO	M 2
	103.30	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	S 3
	104.40	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	115.30 S3	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES, Start	S 3
	159.30	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	188.90 S4	Water Level Sag, 35 %, within 8 inch: NO, Start	M 3
	204.10	Water Level, 45 %, within 8 inch: NO	M 2
	214.40	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	240.20	Obstacle In Joint, from 1 to 6 o'clock, 10 %, within 8 inch: NO	M 2



Inspection report

Date: 20110608	P.O.#: Y0TV1011B	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 2848	PSR: 42742
Total Pipe Length: 268.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 06/07/2011	Pre-Cleaned: Jetting	Map Grid #:

1:561	position	observation	grade
	<u>258.90</u> S5	Fracture Multiple, from 7 to 5 o'clock, within 8 inch: YES, Start	S 4
	<u>258.90</u>	Broken, from 8 to 9 o'clock, within 8 inch: YES	S 4
	<u>260.20</u>	Tap Factory Defective, at 9 o'clock, 6", within 8 inch: NO	M 2
	<u>262.40</u> F4	Water Level Sag, 35 %, within 8 inch: NO, End	M 3
	<u>263.40</u> F5	Fracture Multiple, from 7 to 5 o'clock, within 8 inch: YES, End	S 4
	<u>263.40</u> F3	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES, End	S 3
	<u>264.40</u>	Water Level, 15 %, within 8 inch: NO	M 2
	<u>264.40</u>	Manhole, within 8 inch: NO, Remarks: 1923-0373	



QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
4335	3329	27	27	54	3.38	2.25	2.7



Inspection report

Date: 20110713	P.O.#: Y0TV1011B	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 3556	PSR: 42402
Total Pipe Length: 268.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 07/12/2011	Pre-Cleaned: Jetting	Map Grid #:

Street: EASEMENT	Flow Control: Not Controlled	Start MH: 1924-0066
City: LAK	Year Renewed	End MH: 1924-0064
Location Code: Easement/Right of Way	Tape/Media #: G312-085	pipe length: 270.2 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0064/1924-0066/1924	Lining Method:
	Category:

Remark::

1:625	position	observation	grade
	1924		
	1924-0066	Manhole, within 8 inch: NO, Remarks: 1924-0066	0 FT // 00:00:40 0 FT // 00:00:51 5 FT // 00:01:40 5 FT // 00:11:11 22.7 FT // 00:02:35
	0.00	Water Level, 15 %, within 8 inch: NO	M 2
	0.00	Water Mark, 15 %, within 8 inch: NO	M 2
	5.00	Water Level Sag, 45 %, within 8 inch: NO, Start	M 3
	5.00 S1	Tap Break-in Defective, at 3 o'clock, 6", 3, within 8 inch: NO	M 3
	22.70	Broken, from 3 to 5 o'clock, within 8 inch: NO	S 4
	22.70	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	S 3
	33.60	Tap Factory Capped, at 3 o'clock, 6", within 8 inch: NO	
	59.90	Tap Factory Capped, at 9 o'clock, 6", within 8 inch: NO	
	62.30		
	176.10	Tap Factory Capped, at 3 o'clock, 6", within 8 inch: NO	
	182.10	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	270.20	Water Level, 15 %, within 8 inch: NO	M 2
	270.20 F1	Water Level Sag, 45 %, within 8 inch: NO, End	M 3
	270.20	Manhole, within 8 inch: NO, Remarks: 1924-0064	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
4131	3323	7	15	22	3.5	2.5	2.75



Inspection report

Date: 20110602	P.O.#:	Weather: Dry	Surveyed By: Martin Garcia	section number: 2666	PSR: 35750
Total Pipe Length: 361.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 06/01/2011	Pre-Cleaned: Jetting	Map Grid #: 0

Street: HERSHOLT AV	Flow Control: Not Controlled	Start MH: 1977-0089
City: LAK	Year Renewed	End MH: 1977-0090
Location Code: Light Highway	Tape/Media #: M317-049	pipe length: 353.1 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0089/1977-0090/1977	Lining Method:
	Category:

Remark::

1:429	position	observation	grade
	7		
			0 FT // 00:00:28
			0 FT // 00:00:37
			0 FT // 00:00:50
			1 FT // 00:01:26
			1 FT // 00:01:26
	1977-0089	Manhole, within 8 inch: NO, Remarks: 1977-0089	
	0.00		
	0.00	Vermin Cockroach, within 8 inch: NO	M 1
	0.00	Water Level, 15 %, within 8 inch: NO	M 2
	1.00	Crack Circumferential, from 8 to 4 o'clock, within 8 inch: NO	S 1
	3.50	Crack Circumferential, from 8 to 4 o'clock, within 8 inch: YES	S 1
	4.70	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	8.50	Crack Circumferential, from 12 to 4 o'clock, within 8 inch: YES	S 1
	26.90	Crack Circumferential, from 6 to 12 o'clock, within 8 inch: YES	S 1
	29.90 S1	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES, Start	S 3
	49.40	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	73.10	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	92.10	Roots Fine Joint, from 9 to 3 o'clock, within 8 inch: YES	
	101.90	Roots Fine Joint, at 10 o'clock, within 8 inch: YES	
	107.80	Fracture Multiple, from 7 to 5 o'clock, within 8 inch: YES	S 4
	110.80	Roots Fine Joint, at 3 o'clock, within 8 inch: YES	
	118.40	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	122.60	Roots Fine Joint, from 9 to 3 o'clock, within 8 inch: YES	
	124.00	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	143.10	Roots Fine Joint, from 2 to 3 o'clock, within 8 inch: YES	
	149.30	Roots Fine Joint, at 9 o'clock, within 8 inch: YES	
	151.00	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	153.20	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	153.20	Roots Fine Lateral, at 3 o'clock, within 8 inch: NO	M 1



Inspection report

Date: 20110602	P.O.#:	Weather: Dry	Surveyed By: Martin Garcia	section number: 2666	PSR: 35750
Total Pipe Length: 361.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 06/01/2011	Pre-Cleaned: Jetting	Map Grid #: 0

1:429	position	observation	grade
	201.60	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	201.60	Vermin Cockroach, within 8 inch: NO	M 1
	206.20	Water Level, 15 %, within 8 inch: NO	M 2
	225.60	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	227.90	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	251.70	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	251.70	Vermin Cockroach, within 8 inch: NO	M 1
	265.40	Water Level, 25 %, within 8 inch: NO	M 2
	290.10	F1 Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES, End	S 3
	304.90	Crack Circumferential, from 12 to 3 o'clock, within 8 inch: YES	S 1
	306.30	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	308.60	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	328.30	Crack Longitudinal, at 12 o'clock, within 8 inch: YES	S 2
	352.90	Water Level, 15 %, within 8 inch: NO	M 2
	353.10	Vermin Cockroach, within 8 inch: NO	M 1
	353.10	Manhole, within 8 inch: NO, Remarks: 1977-0090	



1977-0090

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
4132	2415	17	13	30	1.89	1.44	1.67



Inspection report

Date: 20110630	P.O.#: Y0TV1011B	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 3232	PSR: 42299
Total Pipe Length: 258.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 06/29/2011	Pre-Cleaned: Jetting	Map Grid #:

Street: FRECKLES RD	Flow Control: Not Controlled	Start MH: 1924-0085
City: LAK	Year Renewed	End MH: 1924-0142
Location Code: Light Highway	Tape/Media #: G312-078	pipe length: 289.9 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0085/1924-0142/1924	Lining Method:
	Category:

Remark::

1:363	position	observation	grade
	1924		
			0 FT // 00:00:29 0 FT // 00:00:38 5 FT // 00:01:14 25.8 FT // 00:01:48 32.6 FT // 00:02:21
	1924-0085 0.00	Manhole, within 8 inch: NO, Remarks: 1924-0085	
	0.00	Water Level, within 8 inch: NO	M 2
	5.00	Water Mark, within 8 inch: NO	M 4
	25.80	Vermin Cockroach, within 8 inch: NO	M 1
	32.60 S1	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, Start	
	36.10	Crack Circumferential, from 1 to 9 o'clock, within 8 inch: YES	S 1
	38.90	Fracture Multiple, from 1 to 6 o'clock, within 8 inch: YES	S 4
	40.30	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	40.30	Roots Ball Lateral, at 3 o'clock, 55 %, within 8 inch: NO	M 4
	41.90 S2	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES, Start	S 3
	51.30 F1	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, End	
	67.90	Tap Factory Defective, at 9 o'clock, 6", within 8 inch: NO	M 2
	67.90	Crack Circumferential, from 8 to 10 o'clock, within 8 inch: NO	S 1
	67.90	Roots Fine Lateral, at 9 o'clock, within 8 inch: NO	M 1
	72.80	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	
	75.80	Roots Ball Joint, from 8 to 4 o'clock, 55 %, within 8 inch: YES	
	82.00 S3	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, Start	
	83.50	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	91.40 F3	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, End	
	105.00	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	150.00 S4	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, Start	
	154.60	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	154.60	Roots Ball Connection, from 2 to 6 o'clock, 55 %, within 8 inch: NO	M 4



Inspection report

Date: 20110630	P.O.#: Y0TV1011B	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 3232	PSR: 42299
Total Pipe Length: 258.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 06/29/2011	Pre-Cleaned: Jetting	Map Grid #:

1:363	position	observation	grade
	174.80	Roots Medium Joint, from 2 to 5 o'clock, 25 %, within 8 inch: YES	
	176.10	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	182.40	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	210.00	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	210.00	Roots Fine Lateral, at 9 o'clock, within 8 inch: NO	M 1
	221.00 F4	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, End	
	253.80	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	256.70	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	288.20 F2	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES, End	S 3
	289.90	Water Level, 10 %, within 8 inch: NO	M 2
	289.90	Vermin Cockroach, within 8 inch: NO	M 1
	289.90	Manhole, within 8 inch: NO, Remarks: 1924-0142	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
4132	4323	12	22	34	2.4	2.2	2.27



Inspection report

Date: 20110711	P.O.#: Y0TV1011B	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 3543	PSR: 42843
Total Pipe Length: 345.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 07/08/2011	Pre-Cleaned: Jetting	Map Grid #:

Street: PARAMOUNT BV	Flow Control: Not Controlled	Start MH: 1923-0238
City: LAK	Year Renewed:	End MH: 1923-0237
Location Code: Main Highway - Suburban/Rural	Tape/Media #: G312-083	pipe length: 356.8 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 10"/10"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0237/1923-0238/1923	Lining Method:
	Category:

Remark::

1:561	position	observation	grade
1923			
			0 FT // 00:00:35
			0 FT // 00:00:48
			6 FT // 00:01:46
			6 FT // 00:01:58
			6 FT // 00:01:58
	0.00	Manhole, within 8 inch: NO, Remarks: 1923-0238	
	0.00	Water Level, 20 %, within 8 inch: NO	M 2
	6.00	Water Mark, 20 %, within 8 inch: NO	M 2
	6.00	Crack Circumferential, from 2 to 5 o'clock, within 8 inch: YES	S 1
	64.40	Water Level Sag, 30 %, within 8 inch: NO, Start	M 2
	68.60	Crack Longitudinal, at 3 o'clock, within 8 inch: YES	S 2
	80.70	Fracture Multiple, from 7 to 5 o'clock, within 8 inch: YES	S 4
	80.70	Roots Fine Joint, from 7 to 10 o'clock, within 8 inch: YES	
	80.70	Roots Medium Joint, from 2 to 5 o'clock, 30 %, within 8 inch: YES	
	82.10	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	87.90	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	
	87.90	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	S 3
	100.20	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	
	100.20	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	S 3
	116.90	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	S 3
	116.90	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	
	117.80	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	117.80	Roots Fine Lateral, at 9 o'clock, within 8 inch: NO	M 1
	127.60	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	S 3
	140.10	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES, Start	S 3
	140.10	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	
	148.50	Roots Fine Joint, from 7 to 10 o'clock, within 8 inch: YES, Start	
	174.70	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	206.00	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	



Inspection report

Date: 20110711	P.O.#: Y0TV1011B	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 3543	PSR: 42843
Total Pipe Length: 345.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 07/08/2011	Pre-Cleaned: Jetting	Map Grid #:

1:561	position	observation	grade
	261.70	Roots Medium Joint, from 7 to 10 o'clock, 35 %, within 8 inch: YES	
	271.20	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	315.50	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	337.30	Roots Medium Joint, from 2 to 5 o'clock, 25 %, within 8 inch: YES	
	350.10 F1	Water Level Sag, 30 %, within 8 inch: NO, End	M 2
	350.10 F2	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES, End	S 3
	350.10 F3	Roots Fine Joint, from 7 to 10 o'clock, within 8 inch: YES, End	
	354.30	Water Level, 15 %, within 8 inch: NO	M 2
	356.80	Manhole, within 8 inch: NO, Remarks: 1923-0237	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
4136	2511	25	11	36	2.78	1.83	2.4



Inspection report

Date: 20110602	P.O.#: Y0TV1011B	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 2439	PSR: 35727
Total Pipe Length: 370.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 06/01/2011	Pre-Cleaned: Jetting	Map Grid #:

Street: FIDLER AV	Flow Control: Not Controlled	Start MH: 1977-0066
City: LAK	Year Renewed	End MH: 1977-0067
Location Code: Light Highway	Tape/Media #: G312-061	pipe length: 352.2 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0066/1977-0067/1977	Lining Method:
	Category:

Remark::

1:800	position	observation	grade
	1977		
	0.00	Manhole, within 8 inch: NO, Remarks: 1977-0066	0 FT // 00:00:32
	0.00	Vermin Cockroach, within 8 inch: NO	M 1 0 FT // 00:00:41
	0.00	Water Level, 10 %, within 8 inch: NO	M 2 0 FT // 00:00:52
	4.00	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	4 FT // 00:01:44
	5.00	Water Mark, 10 %, within 8 inch: NO	M 2 5 FT // 00:02:22
	37.20	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	S 3
	38.60	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	56.40	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	102.50	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	126.90	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	132.40	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	146.50	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES, Start	S 3
	147.80	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	193.20	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	208.10	Tap Factory Defective, at 9 o'clock, 6", within 8 inch: NO	M 2
	208.10	Fracture Multiple, from 7 to 6 o'clock, within 8 inch: NO	S 4
	257.40	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	259.90	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	302.50	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	333.00	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	348.10	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	349.20	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES, End	S 3
	352.20	Water Level, 10 %, within 8 inch: NO	M 2
	352.20	Vermin Cockroach, within 8 inch: NO	M 1
	352.20	Manhole, within 8 inch: NO, Remarks: 1977-0067	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
4133	2412	13	10	23	3.25	1.67	2.3



Inspection report

Date: 20110608	P.O.#: Y0TV1011B	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 2853	PSR: 42739
Total Pipe Length: 220.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 06/07/2011	Pre-Cleaned: Jetting	Map Grid #:

Street: CAMERINO ST	Flow Control: Not Controlled	Start MH: 1923-0372
City: LAK	Year Renewed	End MH: 1923-0371
Location Code: Light Highway	Tape/Media #: G312-065	pipe length: 251.7 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0371/1923-0372/1923	Lining Method:
	Category:

Remark::

1:575	position	observation	grade
1923			
			0 FT // 00:00:24
			0 FT // 00:01:59
			5 FT // 00:02:24
			48.2 FT // 00:04:11
			48.2 FT // 00:04:11
	0.00	Manhole, within 8 inch: NO, Remarks: 1923-0372	
	0.00	Water Level, 10 %, within 8 inch: NO	M 2
	5.00	Water Mark, 15 %, within 8 inch: NO	M 2
	48.20	Water Level Sag, 45 %, within 8 inch: NO, Start	M 3
	54.80	Fracture Multiple, from 7 to 5 o'clock, within 8 inch: YES	S 4
	65.00	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	101.80	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	146.20	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	198.40	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	246.90	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	249.10	Water Level Sag, 45 %, within 8 inch: NO, End	M 3
	251.70	Water Level, 15 %, within 8 inch: NO	M 2
	251.70	Manhole, within 8 inch: NO, Remarks: 1923-0371	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
4100	3223	4	12	16	4	2.4	2.67



Inspection report

Date: 20110603	P.O.#:	Weather: Dry	Surveyed By: Martin Garcia	section number: 2668	PSR: 35752
Total Pipe Length: 174.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 06/02/2011	Pre-Cleaned: Jetting	Map Grid #: 0

Street: HERSHOLT AV	Flow Control: Not Controlled	Start MH: 1977-0091
City: LAK	Year Renewed:	End MH: 1977-0101
Location Code: Light Highway	Tape/Media #: M317-050	pipe length: 201.5 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0091/1977-0101/1977	Lining Method:
	Category:

Remark::

1:450	position	observation	grade
	0		
			0 FT // 00:00:26
			0 FT // 00:00:32
			0 FT // 00:00:46
			0 FT // 00:00:46
			2.8 FT // 00:01:20
	1977-0091	Manhole, within 8 inch: NO, Remarks: 1977-0091	
	0.00	Vermin Cockroach, within 8 inch: NO	M 1
	0.00	Water Level, 15 %, within 8 inch: NO	M 2
	2.80	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	S 3
	6.10	Crack Circumferential, from 7 to 5 o'clock, within 8 inch: YES	S 1
	7.10	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	11.40 S1	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES, Start	S 3
	55.30	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	58.00	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	108.00	Fracture Circumferential, from 1 to 2 o'clock, within 8 inch: YES	S 2
	109.20	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	116.40	Fracture Multiple, from 7 to 5 o'clock, within 8 inch: YES	S 4
	118.00	Tap Factory Defective, at 9 o'clock, 6", within 8 inch: NO	M 2
	118.00	Fracture Circumferential, from 9 to 3 o'clock, within 8 inch: NO, Remarks: IN LATERAL	S 2
	167.30 F1	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES, End	S 3
	176.70	Crack Circumferential, from 1 to 7 o'clock, within 8 inch: YES	S 1
	182.80	Crack Circumferential, from 2 to 3 o'clock, within 8 inch: YES	S 1
	192.20	Crack Circumferential, from 1 to 5 o'clock, within 8 inch: YES	S 1
	198.30	Crack Circumferential, from 2 to 4 o'clock, within 8 inch: YES	S 1
	200.20	Water Level, 15 %, within 8 inch: NO	M 2
	201.50	Vermin Cockroach, within 8 inch: NO	M 1
	201.50	Manhole, within 8 inch: NO, Remarks: 1977-0101	

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QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
4133	2312	22	8	30	2	1.6	1.88



Inspection report

Date: 20110705	P.O.#:	Weather: Dry	Surveyed By: Martin Garcia	section number: 3641	PSR: 42798
Total Pipe Length: 373.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 07/01/2011	Pre-Cleaned: Jetting	Map Grid #: 0

Street: CLUBHOUSE DR	Flow Control: Not Controlled	Start MH: 1923-0310
City: LAK	Year Renewed	End MH: 1924-0111
Location Code: Light Highway	Tape/Media #: M317-067	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: 0310/1923-0111/1924	Lining Method:
	Category:

Remark::

1:429	position	observation	grade
	15		
	0.00	Manhole, within 8 inch: NO, Remarks: 1923-0310	0 FT // 00:00:26
	0.00	Water Level, within 8 inch: NO	0 FT // 00:00:43
	7.60	Crack Circumferential, from 9 to 3 o'clock, within 8 inch: YES	7.6 FT // 00:01:21
	20.80	Crack Multiple, from 8 to 4 o'clock, within 8 inch: YES	7.6 FT // 00:01:21
	29.10	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	20.8 FT // 00:02:16
	40.60	Crack Multiple, from 6 to 5 o'clock, within 8 inch: YES	M 2
	40.60	Fracture Multiple, from 6 to 5 o'clock, within 8 inch: YES	S 1
	48.20	Water Level, 5 %, within 8 inch: NO	S 3
	52.00	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	S 3
	60.00	Crack Circumferential, from 10 to 5 o'clock, within 8 inch: YES	S 4
	73.80	Crack Circumferential, from 9 to 3 o'clock, within 8 inch: YES	M 2
	83.90 S1	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES, Start	S 1
	92.10	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	S 3
	138.10	Roots Fine Joint, from 8 to 9 o'clock, within 8 inch: YES	
	152.90	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	152.90	Roots Fine Lateral, at 3 o'clock, within 8 inch: NO	M 1
	167.30	Roots Fine Joint, from 2 to 9 o'clock, within 8 inch: YES	
	170.50	Water Mark, 15 %, within 8 inch: NO	M 2
	174.50	Roots Fine Joint, at 1 o'clock, within 8 inch: YES	
	179.40	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	180.40	Roots Fine Joint, from 8 to 9 o'clock, within 8 inch: YES	



Inspection report

Date: 20110705	P.O.#:	Weather: Dry	Surveyed By: Martin Garcia	section number: 3641	PSR: 42798
Total Pipe Length: 373.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 07/01/2011	Pre-Cleaned: Jetting	Map Grid #: 0

1:429	position	observation	grade
	194.30	Roots Fine Joint, from 10 to 2 o'clock, within 8 inch: YES	
	197.40	Roots Fine Joint, from 8 to 4 o'clock, within 8 inch: YES	
	204.40	Roots Fine Joint, from 8 to 2 o'clock, within 8 inch: YES	
	215.90	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	215.90	Roots Fine Lateral, at 3 o'clock, within 8 inch: NO	M 1
	220.80	Roots Medium Joint, from 2 to 6 o'clock, 15 %, within 8 inch: YES	
	224.30	Roots Fine Joint, from 8 to 3 o'clock, within 8 inch: YES	
	241.30	Roots Medium Joint, from 6 to 9 o'clock, 15 %, within 8 inch: YES	
	242.70	Tap Factory Defective, at 9 o'clock, 6", within 8 inch: NO	M 2
	242.70	Roots Medium Lateral, at 9 o'clock, 40 %, within 8 inch: NO	M 3
	242.70	Crack Circumferential, from 10 to 8 o'clock, within 8 inch: NO, Remarks: IN LATERAL	S 1
	243.80 F1	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES, End	S 3
	268.00	Crack Longitudinal, at 3 o'clock, within 8 inch: YES	S 2
	275.90	Tap Factory Defective, at 3 o'clock, 6", within 8 inch: NO	M 2
	275.90	Crack Circumferential, from 2 to 4 o'clock, within 8 inch: NO, Remarks: IN LATERAL	S 1
	277.30	Roots Fine Joint, from 9 to 3 o'clock, within 8 inch: YES	
	277.30	Crack Circumferential, from 8 to 4 o'clock, within 8 inch: YES	S 1
	302.90	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	324.20	Roots Fine Joint, from 3 to 5 o'clock, within 8 inch: YES	
	327.80	Water Level, 10 %, within 8 inch: NO	M 2
	327.80	Manhole, within 8 inch: NO, Remarks: 1924-0111	



1924-0111

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QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
4134	3126	24	17	41	2	1.89	1.95



Inspection report

Date: 20110602	P.O.#:	Weather: Dry	Surveyed By: Martin Garcia	section number: 2657	PSR: 35624
Total Pipe Length: 319.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 06/01/2011	Pre-Cleaned: Jetting	Map Grid #: 0

Street: AUTRY AV	Flow Control: Not Controlled	Start MH: 1977-0200
City: LAK	Year Renewed	End MH: 1977-0201
Location Code: Light Highway	Tape/Media #: M317-049	pipe length: 355.8 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0200/1977-0201/1977	Lining Method:
	Category:

Remark::

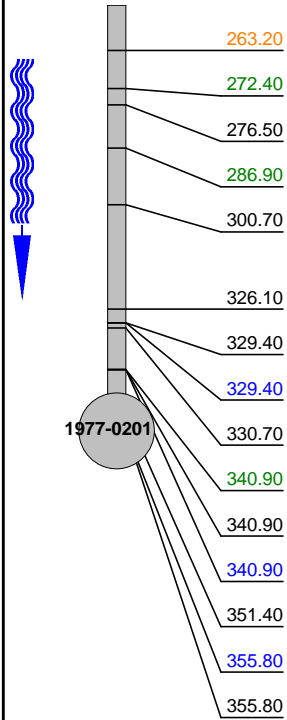
1:561	position	observation	grade
	5		
			0 FT // 00:00:24
			0 FT // 00:00:31
			0 FT // 00:00:40
			5.6 FT // 00:01:52
			5.6 FT // 00:01:52
	1977-0200	Manhole, within 8 inch: NO, Remarks: 1977-0200	
	0.00		
	0.00	Vermin Cockroach, within 8 inch: NO	M 1
	0.00	Water Level, 15 %, within 8 inch: NO	M 2
	5.60	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	S 3
	17.60	Crack Circumferential, from 3 to 9 o'clock, within 8 inch: YES	S 1
	58.40	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	64.20	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	65.40	Fracture Multiple, from 1 to 5 o'clock, within 8 inch: YES	S 4
	65.40	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	S 3
	65.40	Roots Medium Joint, from 1 to 3 o'clock, 20 %, within 8 inch: YES	
	74.80	Roots Fine Joint, from 7 to 8 o'clock, within 8 inch: YES	
	95.90	Crack Longitudinal, at 10 o'clock, within 8 inch: YES	S 2
	95.90	Crack Longitudinal, at 12 o'clock, within 8 inch: YES	S 2
	105.30	Fracture Circumferential, from 11 to 1 o'clock, within 8 inch: YES	S 2
	121.70	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	125.60	Crack Circumferential, from 6 to 8 o'clock, within 8 inch: YES	S 1
	125.60	Crack Longitudinal, at 9 o'clock, within 8 inch: YES	S 2
	145.30	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	155.70	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES, Start	S 3
	172.30	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	174.60	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	204.60	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	222.30	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	



Inspection report

Date: 20110602	P.O.#:	Weather: Dry	Surveyed By: Martin Garcia	section number: 2657	PSR: 35624
Total Pipe Length: 319.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 06/01/2011	Pre-Cleaned: Jetting	Map Grid #: 0

1:561	position	observation	grade
	263.20 F1	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES, End	S 3
	272.40	Crack Circumferential, from 10 to 12 o'clock, within 8 inch: YES	S 1
	276.50	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	286.90	Crack Circumferential, from 4 to 8 o'clock, within 8 inch: YES	S 1
	300.70	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	326.10	Roots Fine Joint, from 8 to 9 o'clock, within 8 inch: YES	
	329.40	Roots Fine Joint, from 8 to 4 o'clock, within 8 inch: YES	
	329.40	Crack Longitudinal, at 9 o'clock, within 8 inch: YES	S 2
	330.70	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	340.90	Crack Circumferential, from 4 to 8 o'clock, within 8 inch: YES	S 1
	340.90	Roots Fine Joint, at 10 o'clock, within 8 inch: YES	
	340.90	Crack Longitudinal, at 10 o'clock, within 8 inch: YES	S 2
	351.40	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	355.80	Water Level, 15 %, within 8 inch: NO	M 2
	355.80	Manhole, within 8 inch: NO, Remarks: 1977-0201	



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QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
4134	2211	33	5	38	2.06	1.67	2



Inspection report

Date: 20110602	P.O.#:	Weather: Dry	Surveyed By: Martin Garcia	section number: 2661	PSR: 35629
Total Pipe Length: 177.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 06/01/2011	Pre-Cleaned: Jetting	Map Grid #: 0

Street: AUTRY AV	Flow Control: Not Controlled	Start MH: 1977-0204
City: LAK	Year Renewed	End MH: 1977-0258
Location Code: Light Highway	Tape/Media #: M317-049	pipe length: 200.2 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0204/1977-0258/1977	Lining Method:
	Category:

Remark::

1:450	position	observation	grade
	0		
			0 FT // 00:00:22 0 FT // 00:00:29 0 FT // 00:00:41 3.4 FT // 00:01:18 3.4 FT // 00:01:18
	1977-0204	Manhole, within 8 inch: NO, Remarks: 1977-0204	
	0.00	Vermin Cockroach, within 8 inch: NO	M 1
	0.00	Water Level, 15 %, within 8 inch: NO	M 2
	0.00	Crack Circumferential, from 7 to 2 o'clock, within 8 inch: YES	S 1
	3.40	Crack Circumferential, from 1 to 5 o'clock, within 8 inch: YES	S 1
	36.70		
	55.10	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	S 3
	56.30	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	67.00	Crack Longitudinal, at 12 o'clock, within 8 inch: YES	S 2
	78.90	Fracture Circumferential, from 1 to 3 o'clock, within 8 inch: YES	S 2
	78.90	Fracture Multiple, from 8 to 5 o'clock, within 8 inch: YES	S 4
	80.40	Tap Factory Defective, at 3 o'clock, 6", within 8 inch: NO	M 2
	80.40	Crack Circumferential, from 8 to 4 o'clock, within 8 inch: NO, Remarks: IN LATERAL	S 1
	80.40	Crack Circumferential, from 3 to 5 o'clock, within 8 inch: NO	S 1
	90.70 S1	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES, Start	S 3
	107.00	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	122.00	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	196.50 F1	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES, End	S 3
	199.20	Water Level, 15 %, within 8 inch: NO	M 2
	200.20	Vermin Cockroach, within 8 inch: NO	M 1
	200.20	Manhole, within 8 inch: NO, Remarks: 1977-0258	
	10		

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
4133	2312	21	8	29	2.1	1.6	1.93



Inspection report

Date: 20110607	P.O.#: Y0TV1011B	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 2839	PSR: 42551
Total Pipe Length: 300.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 06/06/2011	Pre-Cleaned: Jetting	Map Grid #:

Street: PIMENTA AV	Flow Control: Not Controlled	Start MH: 1923-0561
City: LAK	Year Renewed	End MH: 1923-0538
Location Code: Light Highway	Tape/Media #: G312-064	pipe length: 303.1 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0538/1923-0561/1923	Lining Method:
	Category:

Remark::

1:429	position	observation	grade
			0 FT // 00:00:33 0 FT // 00:00:43 0 FT // 00:00:51 34.8 FT // 00:02:03 34.8 FT // 00:02:16
	1923		
	1923-0561	Manhole, within 8 inch: NO, Remarks: 1923-0561	
	0.00		
	0.00	Water Level, 10 %, within 8 inch: NO	M 2
	0.00	Water Mark, 10 %, within 8 inch: NO	M 2
	34.80	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	34.80	Roots Medium Lateral, at 9 o'clock, 25 %, within 8 inch: NO	M 3
	36.80	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	
	36.80	Fracture Multiple, from 7 to 5 o'clock, within 8 inch: YES	S 4
	40.90	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	40.90	Roots Fine Lateral, at 3 o'clock, within 8 inch: NO	M 1
	67.40	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	S 3
	67.40	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	
	71.80	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	71.80	Roots Medium Lateral, at 3 o'clock, 25 %, within 8 inch: NO	M 3
	96.10	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	96.10	Roots Fine Lateral, at 9 o'clock, within 8 inch: NO	M 1
	97.60	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	S 3
	97.60	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	
	142.10	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	143.60	Crack Longitudinal, at 4 o'clock, within 8 inch: YES	S 2
	143.60	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	S 3
	143.60 S1	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, Start	
	145.20	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	145.20	Roots Medium Lateral, at 9 o'clock, 25 %, within 8 inch: NO	M 3
	146.10	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	S 3



Inspection report

Date: 20110607	P.O.#: Y0TV1011B	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 2839	PSR: 42551
Total Pipe Length: 300.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 06/06/2011	Pre-Cleaned: Jetting	Map Grid #:

1:429	position	observation	grade
	<u>196.30</u> S2	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES, Start	S 3
	<u>198.30</u>	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	<u>198.30</u>	Roots Fine Connection, from 3 to 6 o'clock, within 8 inch: NO	M 1
	<u>200.50</u>	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	<u>200.50</u>	Roots Ball Lateral, at 9 o'clock, 55 %, within 8 inch: NO	M 4
	<u>240.20</u>	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	<u>246.40</u>	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	<u>259.70</u> F1	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, End	
	<u>300.00</u> F2	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES, End	S 3
	<u>303.10</u>	Water Level, 10 %, within 8 inch: NO	M 2
	<u>303.10</u>	Manhole, within 8 inch: NO, Remarks: 1923-0538	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
4136	4133	24	22	46	3	2.2	2.56



Inspection report

Date: 20110718	P.O.#: Y0TV1011B	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 3592	PSR: 42926
Total Pipe Length: 340.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 07/15/2011	Pre-Cleaned: Jetting	Map Grid #:

Street: YEARLING ST	Flow Control: Not Controlled	Start MH: 1923-0200
City: LAK	Year Renewed	End MH: 1923-0199
Location Code: Light Highway	Tape/Media #: G312-088	pipe length: 356.7 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0199/1923-0200/1923	Lining Method:
	Category:

Remark::

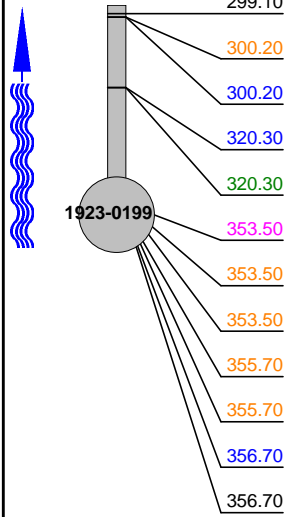
1:660	position	observation	grade
	1923		
			0 FT // 00:00:38 0 FT // 00:00:50 5 FT // 00:01:17 36.6 FT // 00:02:27 36.6 FT // 00:02:27
	1923-0200	Manhole, within 8 inch: NO, Remarks: 1923-0200	
	0.00		
	0.00	Water Level, 10 %, within 8 inch: NO	M 2
	5.00	Water Mark, 10 %, within 8 inch: NO	M 2
	36.60	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	S 3
	41.30	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	62.70	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	83.00	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	83.00	Roots Fine Connection, from 6 to 9 o'clock, within 8 inch: NO	M 1
	88.60	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	137.80	Tap Factory Defective, at 3 o'clock, 6", 2, within 8 inch: NO	M 2
	138.20	Crack Multiple, from 2 to 4 o'clock, within 8 inch: NO	S 3
	140.30	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	192.60	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	195.30	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	208.30	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	S 3
	208.30 S1	Water Level Sag, 35 %, within 8 inch: NO, Start	M 3
	222.70	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	253.30	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	296.50	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	



Inspection report

Date: 20110718	P.O.#: Y0TV1011B	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 3592	PSR: 42926
Total Pipe Length: 340.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 07/15/2011	Pre-Cleaned: Jetting	Map Grid #:

1:660	position	observation	grade
	299.10	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	300.20 F1	Water Level Sag, 35 %, within 8 inch: NO, End	M 3
	300.20	Water Level, 10 %, within 8 inch: NO	M 2
	320.30	Tap Factory Defective, at 9 o'clock, 6", 2, within 8 inch: NO	M 2
	320.30	Crack Circumferential, from 8 to 10 o'clock, within 8 inch: NO	S 1
	353.50	Fracture Multiple, from 7 to 5 o'clock, within 8 inch: YES	S 4
	353.50 S3	Fracture Longitudinal, at 8 o'clock, within 8 inch: YES, Start	S 3
	353.50 S2	Fracture Longitudinal, at 5 o'clock, within 8 inch: YES, Start	S 3
	355.70 F3	Fracture Longitudinal, at 8 o'clock, within 8 inch: YES, End	S 3
	355.70 F2	Fracture Longitudinal, at 5 o'clock, within 8 inch: YES, End	S 3
	356.70	Water Level, 10 %, within 8 inch: NO	M 2
	356.70	Manhole, within 8 inch: NO, Remarks: 1923-0199	



QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
4137	3226	26	19	45	2.89	2.11	2.5



Inspection report

Date: 20110718	P.O.#: Y0TV1011B	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 3596	PSR: 43009
Total Pipe Length: 115.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 07/15/2011	Pre-Cleaned: Jetting	Map Grid #:

Street: YEARLING ST	Flow Control: Not Controlled	Start MH: 1923-0202
City: LAK	Year Renewed	End MH: 1923-0156
Location Code: Light Highway	Tape/Media #: G312-088	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: 0156/1923-0202/1923	Lining Method:
	Category:

Remark::

1:300	position	observation	grade
1923			
			0 FT // 00:00:45 0 FT // 00:00:57 5.3 FT // 00:01:16 9.3 FT // 00:01:45 9.3 FT // 00:01:45
	0.00	Manhole, within 8 inch: NO, Remarks: 1923-0202	
	0.00	Water Level, 10 %, within 8 inch: NO	M 2
	5.30	Water Mark, 10 %, within 8 inch: NO	M 2
	9.30	Fracture Multiple, from 7 to 3 o'clock, within 8 inch: YES	S 4
	10.50	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	21.40	Crack Circumferential, from 7 to 10 o'clock, within 8 inch: YES	S 1
	33.60 S1	Crack Multiple, from 10 to 5 o'clock, within 8 inch: YES, Start	S 3
	34.80	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	46.50	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	46.60	Crack Circumferential, from 10 to 3 o'clock, within 8 inch: NO	S 1
	64.40	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	115.50	Crack Multiple, from 10 to 5 o'clock, within 8 inch: YES	S 3
	124.50 F1	Crack Multiple, from 10 to 5 o'clock, within 8 inch: YES, End	S 3
	124.80	Water Level, 10 %, within 8 inch: NO	M 2
	125.20	Manhole, within 8 inch: NO, Remarks: 1923-0156	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
4133	2300	15	6	21	2.5	2	2.33



Inspection report

Date: 20110526	P.O.#: Y0TV1011B	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 2388	PSR: 35818
Total Pipe Length: 362.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 05/26/2011	Pre-Cleaned: Jetting	Map Grid #:

Street: HERSHOLT AV	Flow Control: Not Controlled	Start MH: 1977-0037
City: LAK	Year Renewed	End MH: 1977-0038
Location Code: Light Highway	Tape/Media #: G312-057	pipe length: 354.6 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0037/1977-0038/1977	Lining Method:
	Category:

Remark::

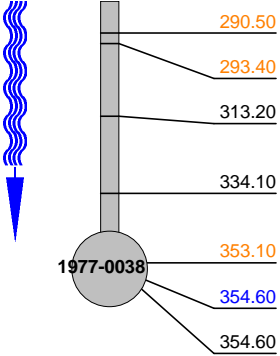
1:627	position	observation	grade
			0 FT // 00:00:31 0 FT // 00:00:37 0 FT // 00:00:47 0 FT // 00:00:56 4.4 FT // 00:01:18
	1977		
	1977-0037	Manhole, within 8 inch: NO, Remarks: 1977-0037	
	0.00	Vermin Cockroach, within 8 inch: NO	M 1
	0.00	Water Level, 10 %, within 8 inch: NO	M 2
	0.00	Water Mark, 10 %, within 8 inch: NO	M 2
	4.40	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	S 3
	5.20	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	51.40	Tap Factory Defective, at 3 o'clock, 6", within 8 inch: NO	M 2
	51.40	Broken, from 2 to 4 o'clock, within 8 inch: NO	S 4
	52.80	Crack Multiple, from 7 to 2 o'clock, within 8 inch: YES	S 3
	54.50	Tap Factory Defective, at 9 o'clock, 6", within 8 inch: NO	M 2
	54.50	Crack Multiple, from 8 to 10 o'clock, within 8 inch: NO	S 3
	80.40	Crack Multiple, from 10 to 5 o'clock, within 8 inch: YES	S 3
	127.90	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	130.60	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	134.40	Crack Circumferential, from 3 to 10 o'clock, within 8 inch: YES, Start	S 1
	157.30	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	160.10	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	186.90	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	210.70	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	218.00	Crack Circumferential, from 3 to 10 o'clock, within 8 inch: YES, End	S 1
	237.70	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	254.10	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	S 3
	258.70	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	



Inspection report

Date: 20110526	P.O.#: Y0TV1011B	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 2388	PSR: 35818
Total Pipe Length: 362.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 05/26/2011	Pre-Cleaned: Jetting	Map Grid #:

1:627	position	observation	grade
	<u>290.50</u>	Crack Multiple, from 12 to 5 o'clock, within 8 inch: YES	S 3
	<u>293.40</u> S2	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES, Start	S 3
	<u>313.20</u>	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	<u>334.10</u>	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	<u>353.10</u> F2	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES, End	S 3
	<u>354.60</u>	Water Level, 10 %, within 8 inch: NO	M 2
	<u>354.60</u>	Manhole, within 8 inch: NO, Remarks: 1977-0038	



QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
4138	2511	30	11	41	2.73	1.83	2.41



Inspection report

Date: 20110602	P.O.#:	Weather: Dry	Surveyed By: Martin Garcia	section number: 2664	PSR: 35748
Total Pipe Length: 323.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 06/01/2011	Pre-Cleaned: Jetting	Map Grid #: 0

Street: HERSHOLT AV	Flow Control: Not Controlled	Start MH: 1977-0087
City: LAK	Year Renewed	End MH: 1977-0088
Location Code: Light Highway	Tape/Media #: M317-049	pipe length: 354 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0087/1977-0088/1977	Lining Method:
	Category:

Remark::

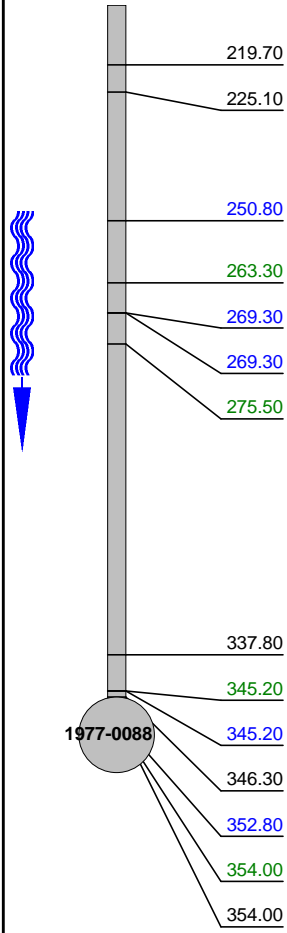
1:462	position	observation	grade
	3		
			0 FT // 00:00:24 0 FT // 00:00:31 0 FT // 00:00:43 8.7 FT // 00:01:37 8.7 FT // 00:01:37
	1977-0087	Manhole, within 8 inch: NO, Remarks: 1977-0087	
	0.00	Vermin Cockroach, within 8 inch: NO	M 1
	0.00	Water Level, 10 %, within 8 inch: NO	M 2
	8.70	Fracture Multiple, from 12 to 4 o'clock, within 8 inch: YES	S 4
	10.20	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	11.30	Crack Circumferential, from 9 to 3 o'clock, within 8 inch: YES	S 1
	12.80	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	13.90	Water Mark, 25 %, within 8 inch: NO	M 2
	16.90	Crack Circumferential, from 12 to 2 o'clock, within 8 inch: YES	S 1
	32.30 S1	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES, Start	S 3
	42.70	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	66.40	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	95.10 F1	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES, End	S 3
	117.90	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	117.90	Roots Medium Lateral, at 9 o'clock, 20 %, within 8 inch: NO	M 3
	119.30	Crack Longitudinal, at 12 o'clock, within 8 inch: YES	S 2
	138.70	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	165.60	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	168.20	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	175.60	Crack Longitudinal, at 1 o'clock, within 8 inch: YES	S 2
	200.00	Crack Circumferential, from 10 to 2 o'clock, within 8 inch: YES	S 1
	200.00	Roots Fine Joint, from 10 to 3 o'clock, within 8 inch: YES	
	206.00	Roots Fine Joint, from 9 to 3 o'clock, within 8 inch: YES	



Inspection report

Date: 20110602	P.O.#:	Weather: Dry	Surveyed By: Martin Garcia	section number: 2664	PSR: 35748
Total Pipe Length: 323.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 06/01/2011	Pre-Cleaned: Jetting	Map Grid #: 0

1:462	position	observation	grade
	219.70	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	225.10	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	250.80	Crack Longitudinal, at 3 o'clock, within 8 inch: YES	S 2
	263.30	Crack Circumferential, from 10 to 2 o'clock, within 8 inch: YES	S 1
	269.30	Crack Longitudinal, at 9 o'clock, within 8 inch: YES	S 2
	269.30	Crack Longitudinal, at 2 o'clock, within 8 inch: YES	S 2
	275.50	Crack Circumferential, from 7 to 2 o'clock, within 8 inch: YES	S 1
	337.80	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	345.20	Crack Circumferential, from 1 to 5 o'clock, within 8 inch: YES	S 1
	345.20	Crack Longitudinal, at 9 o'clock, within 8 inch: YES	S 2
	346.30	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	352.80	Water Level, 10 %, within 8 inch: NO	M 2
	354.00	Vermin Cockroach, within 8 inch: NO	M 1
	354.00	Manhole, within 8 inch: NO, Remarks: 1977-0088	



15

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
4132	3123	28	11	39	1.87	1.83	1.86



Inspection report

Date: 20110628	P.O.#: Y0TV1011B	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 3205	PSR: 42855
Total Pipe Length: 307.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 06/27/2011	Pre-Cleaned: Jetting	Map Grid #:

Street: SANDWOOD ST	Flow Control: Not Controlled	Start MH: 1923-0280
City: LAK	Year Renewed	End MH: 1923-0245
Location Code: Light Highway	Tape/Media #: G312-076	pipe length: 278.3 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0245/1923-0280/1923	Lining Method:
	Category:

Remark::

1:625	position	observation	grade
1923			
			0 FT // 00:00:33 0 FT // 00:00:43 5 FT // 00:02:01 5.5 FT // 00:02:23 5.5 FT // 00:02:23
	1923-0280	Manhole, within 8 inch: NO, Remarks: 1923-0280	
	0.00	Water Level, 10 %, within 8 inch: NO	M 2
	0.00	Water Mark, 10 %, within 8 inch: NO	M 2
	5.00	Crack Longitudinal, at 9 o'clock, within 8 inch: YES	S 2
	5.50	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	6.70	Crack Multiple, from 7 to 11 o'clock, within 8 inch: YES	S 3
	8.20	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES, Start	S 3
	54.40 S1	Tap Factory Defective, at 9 o'clock, 6", within 8 inch: NO	M 2
	56.10	Crack Longitudinal, at 9 o'clock, within 8 inch: NO	S 2
	56.10	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	58.40	Tap Factory Defective, at 9 o'clock, 6", within 8 inch: NO	M 2
	62.00	Crack Longitudinal, at 9 o'clock, within 8 inch: NO	S 2
	62.00	Fracture Multiple, from 7 to 5 o'clock, within 8 inch: YES	S 4
	87.40	Tap Factory Defective, at 3 o'clock, 6", within 8 inch: NO	M 2
	88.70	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES, End	S 3
	108.90 F1	Tap Factory Defective, at 9 o'clock, 6", within 8 inch: NO	M 2
	143.90	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	164.80	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	188.80	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	237.90	Joint Offset Medium, within 8 inch: YES	S 1
	276.40	Alignment Left, 10 %, within 8 inch: NO	M 1
	276.40	Water Level, 15 %, within 8 inch: NO	M 2
	278.20	Vermin Cockroach, within 8 inch: NO	M 1
	278.30	Manhole, within 8 inch: NO, Remarks: 1923-0245	
	278.30		

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
4133	2712	20	16	36	2.5	1.78	2.12



Inspection report

Date: 20110705	P.O.#: Y0TV1011B	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 3246	PSR: 42302
Total Pipe Length: 225.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 07/01/2011	Pre-Cleaned: Jetting	Map Grid #:

Street: ALLEY	Flow Control: Not Controlled	Start MH: 1924-0152
City: LAK	Year Renewed	End MH: 1924-0089
Location Code: Alley	Tape/Media #: G312-079	pipe length: 235.9 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0089/1924-0152/1924	Lining Method:
	Category:

Remark::

1:525	position	observation	grade
1924			
			0 FT // 00:00:29
			0 FT // 00:00:39
			6 FT // 00:01:35
			6 FT // 00:01:52
			6 FT // 00:01:52
	0.00	Manhole, within 8 inch: NO, Remarks: 1924-0152	
	0.00	Water Level, 10 %, within 8 inch: NO	M 2
	6.00	Water Mark, 10 %, within 8 inch: NO	M 2
	6.00	Fracture Multiple, from 7 to 5 o'clock, within 8 inch: YES	S 4
	21.70	Tap Factory Capped, at 9 o'clock, 6", within 8 inch: NO	
	69.40	Tap Factory Capped, at 9 o'clock, 6", within 8 inch: NO	
	69.40	Vermin Cockroach, within 8 inch: NO	M 1
	73.10 S1	Water Level Sag, 30 %, within 8 inch: NO, Start	M 2
	117.00	Tap Factory Capped, at 9 o'clock, 6", within 8 inch: NO	
	171.20	Tap Factory Capped, at 9 o'clock, 6", within 8 inch: NO	
	225.50	Tap Factory Capped, at 9 o'clock, 6", within 8 inch: NO	
	235.90 F1	Water Level Sag, 30 %, within 8 inch: NO, End	M 2
	235.90	Water Level, 15 %, within 8 inch: NO	M 2
	235.90	Vermin Cockroach, within 8 inch: NO	M 1
	235.90	Manhole, within 8 inch: NO, Remarks: 1924-0089	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
4100	2512	4	12	16	4	1.71	2



Inspection report

Date: 20110720	P.O.#: Y0TV1011B	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 3624	PSR: 43088
Total Pipe Length: 260.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 07/19/2011	Pre-Cleaned: Jetting	Map Grid #:

Street: ELDERHALL AV	Flow Control: Not Controlled	Start MH: 1923-0013
City: LAK	Year Renewed	End MH: 1923-0698
Location Code: Light Highway	Tape/Media #: G312-090	pipe length: 261.1 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 10"/10"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0013/1923-0698/1923	Lining Method:
	Category:

Remark::

1:600	position	observation	grade
1923			
			0 FT // 00:00:44
			0 FT // 00:00:58
			6 FT // 00:01:52
			39.7 FT // 00:03:14
			39.7 FT // 00:03:26
	0.00	Manhole, within 8 inch: NO, Remarks: 1923-0013	
	0.00	Water Level, 5 %, within 8 inch: NO	M 2
	6.00	Water Mark, 5 %, within 8 inch: NO	M 2
	39.70	Tap Factory Capped, at 9 o'clock, 6", within 8 inch: NO	
	39.70	Fracture Multiple, from 8 to 10 o'clock, within 8 inch: NO	S 4
	42.60	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	91.70	Tap Factory Abandoned, at 9 o'clock, 6", within 8 inch: NO	
	94.50	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	138.50	Tap Factory Abandoned, at 9 o'clock, 6", within 8 inch: NO	
	138.50	Vermin Cockroach, within 8 inch: NO	M 1
	141.30	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	146.30	Water Level, 15 %, within 8 inch: NO	M 2
	156.50	Water Level Sag, 25 %, within 8 inch: NO, Start	M 2
	190.00	Tap Factory Abandoned, at 9 o'clock, 6", within 8 inch: NO	
	190.00	Vermin Cockroach, within 8 inch: NO	M 1
	192.80	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	261.10	Water Level, 15 %, within 8 inch: NO	M 2
	261.10	Water Level Sag, 25 %, within 8 inch: NO, End	M 2
	261.10	Manhole, within 8 inch: NO, Remarks: 1923-0698	



Inspection report

Date: 20110711	P.O.#: Y0TV1011B	Weather: Dry	Surveyed By: Martin Garcia	section number: 3716	PSR: 42701
Total Pipe Length: 162.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 07/08/2011	Pre-Cleaned: Jetting	Map Grid #: 1923

Street: DEL AMO BV	Flow Control: Not Controlled	Start MH: 1923-0448
City: LAK	Year Renewed	End MH: 1923-0449
Location Code: Light Highway	Tape/Media #: M313-071	pipe length: 262.5 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 18"/18"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0448/1923-0449/1923	Lining Method:
	Category:

Remark::

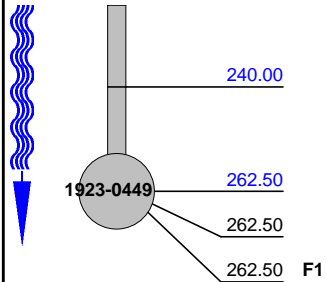
1:495	position	observation	grade
			0 FT // 00:00:22 0 FT // 00:00:22 0 FT // 00:00:32 0 FT // 00:01:12 8.6 FT // 00:01:51
	1923-0448	Manhole, within 8 inch: NO, Remarks: 1923-0448	
	<u>0.00</u>	Vermin Cockroach, within 8 inch: NO	M 1
	<u>0.00</u>	Water Level, 30 %, within 8 inch: NO	M 2
	<u>8.60</u>	Water Mark, 65 %, within 8 inch: NO	M 4
	<u>32.20</u>	Roots Fine Joint, from 3 to 9 o'clock, within 8 inch: YES	
	<u>37.40</u>	Roots Fine Joint, from 1 to 3 o'clock, within 8 inch: YES	
	<u>45.40</u>	Roots Medium Joint, from 8 to 4 o'clock, 25 %, within 8 inch: YES	
	<u>53.40</u>	Roots Medium Joint, from 1 to 5 o'clock, 40 %, within 8 inch: YES	
	<u>53.40</u>	Crack Longitudinal, at 12 o'clock, within 8 inch: YES	S 2
	<u>66.20</u> S1	Roots Medium Joint, from 12 to 6 o'clock, 45 %, within 8 inch: YES, Start	
	<u>66.20</u>	Fracture Longitudinal, at 1 o'clock, within 8 inch: YES	S 3
	<u>70.70</u>	Fracture Longitudinal, at 11 o'clock, within 8 inch: YES	S 3
	<u>84.40</u>	Tap Factory, at 12 o'clock, 6", within 8 inch: NO	
	<u>96.90</u>	Crack Circumferential, from 11 to 1 o'clock, within 8 inch: YES	S 1
	<u>104.20</u>	Fracture Longitudinal, at 12 o'clock, within 8 inch: YES	S 3
	<u>117.40</u>	Fracture Circumferential, from 12 to 3 o'clock, within 8 inch: YES	S 2
	<u>121.40</u> S2	Fracture Longitudinal, at 12 o'clock, within 8 inch: YES, Start	S 3
	<u>146.30</u>	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	
	<u>146.30</u> F2	Fracture Longitudinal, at 12 o'clock, within 8 inch: YES, End	S 3
	<u>146.30</u> S3	Fracture Multiple, from 7 to 5 o'clock, within 8 inch: YES, Start	S 4
	<u>155.60</u>	Roots Fine Joint, from 9 to 3 o'clock, within 8 inch: YES	
	<u>177.40</u>	Tap Factory, at 12 o'clock, 6", within 8 inch: NO	
	<u>183.10</u> F3	Fracture Multiple, from 7 to 5 o'clock, within 8 inch: YES, End	S 4



Inspection report

Date: 20110711	P.O.#: Y0TV1011B	Weather: Dry	Surveyed By: Martin Garcia	section number: 3716	PSR: 42701
Total Pipe Length: 162.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 07/08/2011	Pre-Cleaned: Jetting	Map Grid #: 1923

1:495	position	observation	grade
	240.00	Deposits Attached Grease, at 12 o'clock, 5 %, within 8 inch: NO	M 2
	262.50	Water Level, 30 %, within 8 inch: NO	M 2
	262.50	Manhole, within 8 inch: NO, Remarks: 1923-0449	
	262.50	Roots Medium Joint, from 12 to 6 o'clock, 45 %, within 8 inch: YES, End	F 1



QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
4235	4123	28	11	39	2.8	2.2	2.6



Inspection report

Date: 20110607	P.O.#: Y0TV1011B	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 2840	PSR: 42552
Total Pipe Length: 293.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 06/06/2011	Pre-Cleaned: Jetting	Map Grid #:

Street: CAMERINO ST	Flow Control: Not Controlled	Start MH: 1923-0567
City: LAK	Year Renewed	End MH: 1923-0538
Location Code: Light Highway	Tape/Media #: G312-064	pipe length: 253.9 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0538/1923-0567/1923	Lining Method:
	Category:

Remark::

1:575	position	observation	grade
1923			
			0 FT // 00:00:23
			0 FT // 00:01:02
			1 FT // 00:01:33
			1 FT // 00:01:33
			5 FT // 00:02:48
	0.00	Manhole, within 8 inch: NO, Remarks: 1923-0567	
	0.00	Water Level, 10 %, within 8 inch: NO	M 2
	1.00	Crack Circumferential, from 7 to 6 o'clock, within 8 inch: NO	S 1
	5.00	Water Mark, 10 %, within 8 inch: NO	M 2
	18.10	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	63.90	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	115.50	Fracture Multiple, from 7 to 5 o'clock, within 8 inch: YES	S 4
	115.90	Tap Factory Defective, at 9 o'clock, 6", within 8 inch: NO	M 2
	115.90	Crack Multiple, from 8 to 10 o'clock, within 8 inch: NO	S 3
	118.40	Fracture Multiple, from 7 to 5 o'clock, within 8 inch: YES	S 4
	164.00 S1	Fracture Multiple, from 7 to 5 o'clock, within 8 inch: YES, Start	S 4
	165.70	Tap Factory Defective, at 9 o'clock, 6", within 8 inch: NO	M 2
	169.70 F1	Fracture Multiple, from 7 to 5 o'clock, within 8 inch: YES, End	S 4
	173.60	Crack Circumferential, from 2 to 5 o'clock, within 8 inch: YES	S 1
	219.20 S2	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES, Start	S 3
	220.90	Tap Factory Defective, at 9 o'clock, 6", within 8 inch: NO	M 2
	231.50 F2	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES, End	S 3
	253.90	Water Level, 20 %, within 8 inch: NO	M 2
	253.90	Manhole, within 8 inch: NO, Remarks: 1923-0538	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
4433	2600	27	12	39	3	2	2.6



Inspection report

Date: 20110607	P.O.#:	Weather: Dry	Surveyed By: Martin Garcia	section number: 2704	PSR: 42747
Total Pipe Length: 306.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 06/06/2011	Pre-Cleaned: Jetting	Map Grid #: 0

Street: CANDLEWOOD ST	Flow Control: Not Controlled	Start MH: 1923-0377
City: LAK	Year Renewed	End MH: 1923-0378
Location Code: Light Highway	Tape/Media #: M317-052	pipe length: 321.3 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0378/1923-0377/1923	Lining Method:
	Category:

Remark::

1:725	position	observation	grade
1			
			0 FT // 00:00:25 0 FT // 00:00:33 0 FT // 00:00:43 28.9 FT // 00:02:01 28.9 FT // 00:02:28
	1923-0377	Manhole, within 8 inch: NO, Remarks: 1923-0377	
	0.00	Vermin Cockroach, within 8 inch: NO	M 1
	0.00	Water Level, 10 %, within 8 inch: NO	M 2
	28.90	Tap Factory Defective, at 9 o'clock, 6", within 8 inch: NO	M 2
	28.90	Fracture Multiple, from 8 to 4 o'clock, within 8 inch: NO, Remarks: IN LATERAL	S 4
	74.90	Water Level, 5 %, within 8 inch: NO	M 2
	83.90	Tap Factory Defective, at 9 o'clock, 6", within 8 inch: NO	M 2
	83.90	Fracture Multiple, from 9 to 4 o'clock, within 8 inch: NO, Remarks: IN LATERAL	S 4
	84.60	Crack Circumferential, from 4 to 9 o'clock, within 8 inch: YES	S 1
	132.70	Tap Factory Defective, at 9 o'clock, 6", within 8 inch: NO	M 2
	132.70	Crack Multiple, from 6 to 6 o'clock, within 8 inch: NO, Remarks: IN LATERAL	S 3
	159.90	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	160.80	Roots Fine Joint, at 1 o'clock, within 8 inch: YES	
	239.10	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	269.30	Tap Factory Defective, at 9 o'clock, 6", within 8 inch: NO	M 2
	269.30	Fracture Multiple, from 6 to 6 o'clock, within 8 inch: NO, Remarks: IN LATERAL	S 4
	269.30	Fracture Longitudinal, at 8 o'clock, within 8 inch: YES	S 3
	316.70	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	317.60	Fracture Circumferential, from 2 to 10 o'clock, within 8 inch: YES	S 2
	318.10	Water Level, 5 %, within 8 inch: NO	M 2
	321.20	Vermin Cockroach, within 8 inch: NO	M 1
	321.30	Manhole, within 8 inch: NO, Remarks: 1923-0378	
7			

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
4332	2712	21	16	37	3	1.78	2.31



Inspection report

Date: 20110607	P.O.#:	Weather: Dry	Surveyed By: Martin Garcia	section number: 2706	PSR: 42744
Total Pipe Length: 306.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 06/06/2011	Pre-Cleaned: Jetting	Map Grid #: 0

Street: CANDLEWOOD ST	Flow Control: Not Controlled	Start MH: 1923-0376
City: LAK	Year Renewed	End MH: 1923-0375
Location Code: Light Highway	Tape/Media #: M317-052	pipe length: 322.9 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0376/1923-0375/1923	Lining Method:
	Category:

Remark::

1:725	position	observation	grade
2			
			0 FT // 00:00:22 0 FT // 00:00:30 0 FT // 00:00:43 14.7 FT // 00:01:34 45.2 FT // 00:02:57
	0.00	Manhole, within 8 inch: NO, Remarks: 1923-0376	
	0.00	Vermin Cockroach, within 8 inch: NO	M 1
	0.00	Water Level, 10 %, within 8 inch: NO	M 2
	14.70	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	45.20	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	45.20	Roots Fine Lateral, at 3 o'clock, within 8 inch: NO	M 1
	106.30	Tap Factory Defective, at 3 o'clock, 6", within 8 inch: NO	M 2
	106.30	Roots Fine Lateral, at 3 o'clock, within 8 inch: NO	M 1
	106.30	Crack Circumferential, from 3 to 9 o'clock, within 8 inch: NO, Remarks: IN LATERAL	S 1
	157.80	Crack Multiple, from 10 to 4 o'clock, within 8 inch: YES	S 3
	158.80	Tap Factory Defective, at 3 o'clock, 6", within 8 inch: NO	M 2
	158.80	Fracture Multiple, from 7 to 5 o'clock, within 8 inch: NO, Remarks: IN LATERAL	S 4
	215.80	Crack Circumferential, from 12 to 2 o'clock, within 8 inch: YES	S 1
	216.70	Tap Factory Defective, at 3 o'clock, 6", within 8 inch: NO	M 2
	216.70	Fracture Multiple, from 9 to 5 o'clock, within 8 inch: NO, Remarks: IN LATERAL	S 4
	246.70	Water Level, 20 %, within 8 inch: NO	M 2
	246.70	Water Mark, 45 %, within 8 inch: NO	M 3
	275.10	Tap Factory Defective, at 3 o'clock, 6", within 8 inch: NO	M 2
	275.10	Fracture Multiple, from 7 to 5 o'clock, within 8 inch: NO, Remarks: IN LATERAL	S 4
	321.50	Water Level, 10 %, within 8 inch: NO	M 2
	322.90	Vermin Cockroach, within 8 inch: NO	M 1
	322.90	Manhole, within 8 inch: NO, Remarks: 1923-0375	
6			

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
4331	3127	17	21	38	2.83	1.75	2.11



Inspection report

Date: 20110621	P.O.#:	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 2988	PSR: 42909
Total Pipe Length: 339.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 06/17/2011	Pre-Cleaned: Jetting	Map Grid #: 1923

Street: DASHWOOD ST	Flow Control: Not Controlled	Start MH: 1923-0179
City: LAK	Year Renewed	End MH: 1923-0180
Location Code: Light Highway	Tape/Media #: R311-077	pipe length: 308.4 ft

Reason for inspection: Maintenance Related	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0179/1923-0180/1923	Lining Method:
	Category:

Remark::

1:330	position	observation	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1923-0179	0 FT // 00:00:32
	0.00	Water Level, within 8 inch: NO	0 FT // 00:00:47
	6.90	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	6.9 FT // 00:01:23
	6.90	Roots Medium Lateral, at 9 o'clock, 50 %, within 8 inch: NO	6.9 FT // 00:01:43
	8.30	Fracture Multiple, from 3 to 5 o'clock, within 8 inch: YES	6.9 FT // 00:01:43
	9.20	Tap Factory Active, at 2 o'clock, 6", within 8 inch: NO	
	9.20	Roots Ball Lateral, at 2 o'clock, 85 %, within 8 inch: NO	
	10.70	Crack Circumferential, from 6 to 10 o'clock, within 8 inch: YES	
	19.70	Water Level, 5 %, within 8 inch: NO	
	22.70	Water Mark, 5 %, within 8 inch: NO	
	28.90	General Observation, within 8 inch: NO, Remarks: Pipe Joint Length 3'	
	44.40	Roots Fine Joint, from 10 to 2 o'clock, within 8 inch: YES	
	44.40	Crack Circumferential, from 9 to 12 o'clock, within 8 inch: YES	
	45.80	Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	
	45.80	Roots Medium Lateral, at 10 o'clock, 50 %, within 8 inch: NO	
	51.30	Tap Factory Active, at 2 o'clock, 6", within 8 inch: NO	
	80.10	Crack Multiple, from 7 to 10 o'clock, within 8 inch: YES	
	80.10	Roots Fine Joint, at 10 o'clock, within 8 inch: YES	
	81.80	Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	
	111.90	Tap Factory Active, at 2 o'clock, 6", within 8 inch: NO	
	111.90	Roots Fine Lateral, at 2 o'clock, within 8 inch: NO	
	116.10	Fracture Multiple, from 5 to 11 o'clock, within 8 inch: YES	
	117.30	Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	
	117.30	Roots Medium Lateral, at 10 o'clock, 15 %, within 8 inch: NO	
	121.70	Fracture Multiple, from 2 to 10 o'clock, within 8 inch: YES	



Inspection report

Date: 20110621	P.O.#:	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 2988	PSR: 42909
Total Pipe Length: 339.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 06/17/2011	Pre-Cleaned: Jetting	Map Grid #: 1923

1:330	position	observation	grade
	<u>121.70</u>	Fracture Multiple, from 2 to 10 o'clock, within 8 inch: YES	S 4
	<u>123.10</u>	Tap Factory Active, at 2 o'clock, 6", within 8 inch: NO	
	<u>178.00</u>	Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	
	<u>183.60</u>	Tap Factory Active, at 2 o'clock, 6", within 8 inch: NO	
	<u>241.10</u>	Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	
	<u>265.30</u>	Tap Factory Active, at 2 o'clock, 6", within 8 inch: NO	
	<u>292.30</u>	Tap Factory Active, at 2 o'clock, 6", within 8 inch: NO	
	<u>294.80</u>	Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	
	<u>306.90</u>	Water Level, 5 %, within 8 inch: NO	M 2
	<u>308.40</u>	Manhole, within 8 inch: NO, Remarks: 1923-0180	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
4331	4133	17	22	39	2.83	2.44	2.6



Inspection report

Date: 20110613	P.O.#: Y0TV1011B	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 2892	PSR: 42608
Total Pipe Length: 295.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 06/10/2011	Pre-Cleaned: Jetting	Map Grid #:

Street: HAYTER AV	Flow Control: Not Controlled	Start MH: 1923-0471
City: LAK	Year Renewed	End MH: 1923-0470
Location Code: Light Highway	Tape/Media #: G312-068	pipe length: 185.7 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0470/1923-0471/1923	Lining Method:
	Category:

Remark::

1:425	position	observation	grade
			0 FT // 00:00:37 0 FT // 00:00:59 3.5 FT // 00:01:41 5 FT // 00:02:38 13.2 FT // 00:03:09
	1923		
	1923-0471	Manhole, within 8 inch: NO, Remarks: 1923-0471	
	0.00	Water Level, 5 %, within 8 inch: NO	M 2
	0.00		
	3.50	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	5.00	Water Mark, 10 %, within 8 inch: NO	M 2
	13.20	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	34.50	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	83.70	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	86.30	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	147.70	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	155.90 S1	Fracture Multiple, from 9 to 3 o'clock, within 8 inch: YES, Start	S 4
	156.20	Hole, at 10 o'clock, within 8 inch: NO	S 5
	157.50 F1	Fracture Multiple, from 9 to 3 o'clock, within 8 inch: YES, End	S 4
	157.50	Broken, from 11 to 1 o'clock, within 8 inch: NO	S 4
	159.50	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	185.70	Water Level, 10 %, within 8 inch: NO	M 2
	1923-0470	Manhole, within 8 inch: NO, Remarks: 1923-0470	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
5143	2300	17	6	23	4.25	2	3.29



Inspection report

Date: 20110630	P.O.#: Y0TV1011B	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 3226	PSR: 42231
Total Pipe Length: 242.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 06/29/2011	Pre-Cleaned: Jetting	Map Grid #:

Street: HARVEY WY	Flow Control: Not Controlled	Start MH: 1924-0133
City: LAK	Year Renewed	End MH: 1924-0134
Location Code: Light Highway	Tape/Media #: G312-078	pipe length: 251.6 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0133/1924-0134/1924	Lining Method:
	Category:

Remark::

1:575	position	observation	grade
	1924		
	0.00	Manhole, within 8 inch: NO, Remarks: 1924-0133	0 FT // 00:00:36
	<u>0.00</u>	Vermin Cockroach, within 8 inch: NO	M 1 0 FT // 00:00:46
	<u>0.00</u>	Water Level, 10 %, within 8 inch: NO	M 2 0 FT // 00:00:54
	<u>5.00</u>	Water Mark, 10 %, within 8 inch: NO	M 2 5 FT // 00:01:26
	<u>25.90</u>	Fracture Multiple, from 7 to 10 o'clock, within 8 inch: YES	S 4 25.9 FT // 00:02:25
	<u>27.20</u>	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	<u>36.10</u>	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	<u>37.60</u>	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	S 3
	<u>54.20</u>	Tap Factory Defective, at 9 o'clock, 6", within 8 inch: NO	M 2
	<u>54.20</u>	Fracture Circumferential, from 8 to 10 o'clock, within 8 inch: NO	S 2
	<u>81.70</u>	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	<u>99.70</u>	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	<u>99.70</u>	Roots Fine Connection, from 6 to 9 o'clock, within 8 inch: NO	M 1
	<u>122.90</u>	Fracture Multiple, from 7 to 5 o'clock, within 8 inch: YES	S 4
	<u>126.20</u>	Crack Circumferential, from 4 to 8 o'clock, within 8 inch: YES	S 1
	<u>132.30</u>	Fracture Circumferential, from 2 to 6 o'clock, within 8 inch: YES	S 2
	<u>133.60</u>	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	<u>141.20</u>	Crack Longitudinal, at 3 o'clock, within 8 inch: YES	S 2
	<u>148.70</u>	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	<u>191.60</u>	Tap Break-in Active, at 3 o'clock, 6", within 8 inch: NO	
	<u>191.60</u>	Roots Medium Lateral, at 3 o'clock, 25 %, within 8 inch: NO	M 3
	<u>231.40</u>	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	<u>251.60</u>	Water Level, 10 %, within 8 inch: NO	M 2
	<u>251.60</u>	Vermin Cockroach, within 8 inch: NO	M 1
	<u>251.60</u>	Manhole, within 8 inch: NO, Remarks: 1924-0134	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
4231	3124	18	14	32	2.57	1.75	2.13



Inspection report

Date: 20110623	P.O.#:	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 3011	PSR: 43001
Total Pipe Length: 153.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 06/21/2011	Pre-Cleaned: Jetting	Map Grid #: 1923

Street: DOLLAR ST	Flow Control: Not Controlled	Start MH: 1923-0177
City: LAK	Year Renewed	End MH: 1923-0152
Location Code: Light Highway	Tape/Media #: R311-079	pipe length: 161.2 ft

Reason for inspection: Maintenance Related	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0152/1923-0177/1923	Lining Method:
	Category:

Remark::

1:375	position	observation	grade
			0 FT // 00:00:25
			0 FT // 00:00:35
			0 FT // 00:00:35
			0 FT // 00:00:59
			3.2 FT // 00:01:33
	1923-0177	Manhole, within 8 inch: NO, Remarks: 1923-0177	
	0.00		
	0.00	Vermin Cockroach, within 8 inch: NO	M 1
	0.00	Water Level, 5 %, within 8 inch: NO	M 2
	3.20		
	23.20	General Observation, within 8 inch: NO, Remarks: Pipe Joint Length 3'	
		Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	
	55.20	Fracture Multiple, from 10 to 4 o'clock, within 8 inch: YES	S 4
	56.60	Tap Factory Active, at 2 o'clock, 6", within 8 inch: NO	
	98.90	Tap Factory Active, at 2 o'clock, 6", within 8 inch: NO	
	100.30	Fracture Multiple, from 8 to 10 o'clock, within 8 inch: YES	S 4
	101.80	Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	
	101.80	Crack Circumferential, from 10 to 2 o'clock, within 8 inch: NO, Remarks: Barrel	S 1
	101.80	Roots Fine Barrel, at 11 o'clock, within 8 inch: NO	M 2
	158.80	Water Level, 5 %, within 8 inch: NO	M 2
	161.20	Manhole, within 8 inch: NO, Remarks: 1923-0152	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
4211	2311	9	7	16	3	1.75	2.29



Inspection report

Date: 20110602	P.O.#: Y0TV1011B	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 2437	PSR: 35725
Total Pipe Length: 370.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 06/01/2011	Pre-Cleaned: Jetting	Map Grid #:

Street: FIDLER AV	Flow Control: Not Controlled	Start MH: 1977-0064
City: LAK	Year Renewed	End MH: 1977-0065
Location Code: Light Highway	Tape/Media #: G312-061	pipe length: 352.6 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0064/1977-0065/1977	Lining Method:
	Category:

Remark::

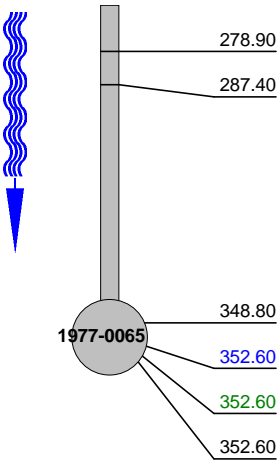
1:594	position	observation	grade
	1977		
			0 FT // 00:00:38 0 FT // 00:00:52 0 FT // 00:01:06 21.9 FT // 00:01:55 40 FT // 00:02:37
	1977-0064	Manhole, within 8 inch: NO, Remarks: 1977-0064	
	0.00		
	0.00	Water Level, 10 %, within 8 inch: NO	M 2
	0.00	Water Mark, 10 %, within 8 inch: NO	M 2
	21.90	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	40.00	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	86.10	Tap Factory Defective, at 3 o'clock, 6", within 8 inch: NO	M 2
	86.10	Crack Multiple, from 2 to 4 o'clock, within 8 inch: NO	S 3
	96.60	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	S 3
	97.70	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	129.90	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	S 3
	131.10	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	169.50	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	S 3
	170.70	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	193.40	Crack Multiple, from 10 to 5 o'clock, within 8 inch: YES	S 3
	193.40	Roots Fine Joint, from 7 to 10 o'clock, within 8 inch: YES	
	194.70	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	196.10	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	S 3
	196.10	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	
	197.60	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	238.40	Fracture Multiple, from 1 to 7 o'clock, within 8 inch: YES	S 4
	240.00	Tap Factory Defective, at 3 o'clock, 6", within 8 inch: NO	M 2
	240.00	Crack Multiple, from 7 to 5 o'clock, within 8 inch: NO	S 3
	250.70	Crack Multiple, from 7 to 11 o'clock, within 8 inch: YES	S 3
	252.00	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	



Inspection report

Date: 20110602	P.O.#: Y0TV1011B	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 2437	PSR: 35725
Total Pipe Length: 370.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 06/01/2011	Pre-Cleaned: Jetting	Map Grid #:

1:594	position	observation	grade
	278.90	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	287.40	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	348.80	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	352.60	Water Level, 10 %, within 8 inch: NO	M 2
	352.60	Vermin Cockroach, within 8 inch: NO	M 1
	352.60	Manhole, within 8 inch: NO, Remarks: 1977-0065	



QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
4138	2511	28	11	39	3.11	1.83	2.6



Inspection report

Date: 20110608	P.O.#: Y0TV1011B	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 2844	PSR: 42752
Total Pipe Length: 306.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 06/07/2011	Pre-Cleaned: Jetting	Map Grid #:

Street: CANDLEWOOD ST	Flow Control: Not Controlled	Start MH: 1923-0547
City: LAK	Year Renewed	End MH: 1923-0381
Location Code: Main Highway - Urban	Tape/Media #: G312-065	pipe length: 249.8 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0381/1923-0547/1923	Lining Method:
	Category:

Remark::

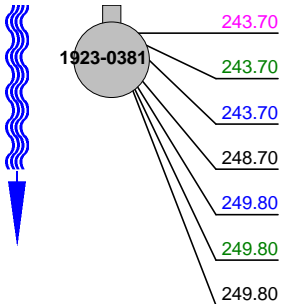
1:528	position	observation	grade
			0 FT // 00:00:38 0 FT // 00:00:54 0 FT // 00:01:11 8.7 FT // 00:01:56 8.7 FT // 00:01:56
	1923		
	1923-0547	Manhole, within 8 inch: NO, Remarks: 1923-0547	
	0.00	Water Level, 10 %, within 8 inch: NO	M 2
	0.00	Water Mark, 10 %, within 8 inch: NO	M 2
	8.70	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	S 3
	36.40	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	S 3
	38.00	Tap Factory Capped, at 3 o'clock, 6", within 8 inch: NO	
	38.00	Vermin Cockroach, within 8 inch: NO	M 1
	63.10	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	S 3
	63.10	Roots Fine Joint, from 7 to 10 o'clock, within 8 inch: YES	
	87.30	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	S 3
	88.80	Vermin Cockroach, within 8 inch: NO	M 1
	88.80	Tap Factory Capped, at 3 o'clock, 6", within 8 inch: NO	
	121.20	Crack Multiple, from 9 to 3 o'clock, within 8 inch: YES	S 3
	139.50	Vermin Cockroach, within 8 inch: NO	M 1
	139.50	Tap Factory Capped, at 3 o'clock, 6", within 8 inch: NO	
	144.30	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	S 3
	168.50	Crack Multiple, from 7 to 11 o'clock, within 8 inch: YES	S 3
	175.80 S1	Water Level Sag, 30 %, within 8 inch: NO, Start	M 2
	190.50	Tap Factory Capped, at 3 o'clock, 6", within 8 inch: NO	
	190.50	Vermin Cockroach, within 8 inch: NO	M 1
	209.10	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	S 3



Inspection report

Date: 20110608	P.O.#: Y0TV1011B	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 2844	PSR: 42752
Total Pipe Length: 306.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 06/07/2011	Pre-Cleaned: Jetting	Map Grid #:

1:528	position	observation	grade
	<u>243.70</u>	Fracture Multiple, from 4 to 10 o'clock, within 8 inch: YES	S 4
	<u>243.70</u>	Crack Circumferential, from 10 to 11 o'clock, within 8 inch: YES	S 1
	<u>243.70</u> F1	Water Level Sag, 30 %, within 8 inch: NO, End	M 2
	<u>248.70</u>	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	<u>249.80</u>	Water Level, 15 %, within 8 inch: NO	M 2
	<u>249.80</u>	Vermin Cockroach, within 8 inch: NO	M 1
	<u>249.80</u>	Manhole, within 8 inch: NO, Remarks: 1923-0381	



QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
4138	2515	29	15	44	2.9	1.5	2.2



Inspection report

Date: 20110622	P.O.#:	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 2994	PSR: 42906
Total Pipe Length: 345.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 06/20/2011	Pre-Cleaned: Jetting	Map Grid #: 1923

Street: DOLLAR ST	Flow Control: Not Controlled	Start MH: 1923-0174
City: LAK	Year Renewed	End MH: 1923-0175
Location Code: Light Highway	Tape/Media #: R311-078	pipe length: 350.1 ft

Reason for inspection: Maintenance Related	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0174/1923-0175/1923	Lining Method:
	Category:

Remark::

1:561	position	observation	grade
			0 FT // 00:00:31 0 FT // 00:00:43 5 FT // 00:01:12 10.3 FT // 00:01:35 12.3 FT // 00:01:58
	1923-0174	Manhole, within 8 inch: NO, Remarks: 1923-0174	
	0.00	Water Level, 5 %, within 8 inch: NO	M 2
	5.00	Water Mark, 5 %, within 8 inch: NO	M 2
	10.30	Tap Factory Active, at 2 o'clock, 6", within 8 inch: NO	
	12.30	Crack Longitudinal, at 9 o'clock, within 8 inch: YES	S 2
	16.00	Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	
	20.20	General Observation, within 8 inch: NO, Remarks: Pipe Joint Length 3'	
	49.40	Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	
	50.60	Fracture Multiple, from 8 to 3 o'clock, within 8 inch: YES	S 4
	51.80	Tap Factory Active, at 2 o'clock, 6", within 8 inch: NO	
	90.50	Crack Multiple, from 7 to 3 o'clock, within 8 inch: YES	S 3
	99.60	Crack Multiple, from 8 to 10 o'clock, within 8 inch: YES	S 3
	105.50	Crack Multiple, from 12 to 8 o'clock, within 8 inch: YES	S 3
	107.00	Tap Factory Active, at 2 o'clock, 6", within 8 inch: NO	
	120.40	Crack Multiple, from 8 to 5 o'clock, within 8 inch: YES	S 3
	121.90	Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	
	122.80	Crack Multiple, from 8 to 4 o'clock, within 8 inch: YES	S 3
	141.80	Crack Multiple, from 9 to 4 o'clock, within 8 inch: YES	S 3
	143.10	Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	
	185.80	Tap Factory Active, at 2 o'clock, 6", within 8 inch: NO	
	207.00	Tap Factory Active, at 2 o'clock, 6", within 8 inch: NO	
	214.60	Fracture Circumferential, from 7 to 10 o'clock, within 8 inch: YES	S 2
	216.20	Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	



Inspection report

Date: 20110622	P.O.#:	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 2994	PSR: 42906
Total Pipe Length: 345.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 06/20/2011	Pre-Cleaned: Jetting	Map Grid #: 1923

1:561	position	observation	grade
	252.40	Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	
	260.80	Tap Factory Active, at 2 o'clock, 6", within 8 inch: NO	
	324.70	Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	
	335.20	Crack Multiple, from 1 to 5 o'clock, within 8 inch: YES	S 3
	336.70	Tap Factory Active, at 2 o'clock, 6", within 8 inch: NO	
	348.00	Water Level, 10 %, within 8 inch: NO	M 2
	350.10	Manhole, within 8 inch: NO, Remarks: 1923-0175	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
4137	2300	29	6	35	2.9	2	2.69



Inspection report

Date: 20110708	P.O.#: Y0TV1011B	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 3287	PSR: 42364
Total Pipe Length: 230.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 07/07/2011	Pre-Cleaned: Jetting	Map Grid #:

Street: NELSONBARK AV	Flow Control: Not Controlled	Start MH: 1924-0027
City: LAK	Year Renewed	End MH: 1924-0041
Location Code: Light Highway	Tape/Media #: G312-082	pipe length: 246.3 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0027/1924-0041/1924	Lining Method:
	Category:

Remark::

1:550	position	observation	grade				
			0 FT // 00:00:54 0 FT // 00:01:01 0 FT // 00:1:10 0 FT // 00:01:17 22.9 FT // 00:02:08				
	1924						
	1924-0027	Manhole, within 8 inch: NO, Remarks: 1924-0027					
	0.00	Vermin Cockroach, within 8 inch: NO	M 1				
	0.00	Water Level, 10 %, within 8 inch: NO	M 2				
	0.00	Water Mark, 10 %, within 8 inch: NO	M 2				
	22.90	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO					
	41.10	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO					
	86.70	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO					
	92.50	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO					
	126.10	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO					
	138.10	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO					
	193.40	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO					
	194.50	Fracture Multiple, from 7 to 5 o'clock, within 8 inch: YES	S 4				
	195.80	Tap Factory Defective, at 9 o'clock, 6", within 8 inch: NO	M 2				
	215.60	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	S 3				
	225.00 S1	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES, Start	S 3				
	246.30 F1	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES, End	S 3				
	246.30	Water Level, 10 %, within 8 inch: NO	M 2				
	246.30	Vermin Cockroach, within 8 inch: NO	M 1				
	246.30	Manhole, within 8 inch: NO, Remarks: 1924-0041					
QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
4133	2412	13	10	23	3.25	1.67	2.3



Inspection report

Date: 20110613	P.O.#: Y0TV1011B	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 2886	PSR: 42624
Total Pipe Length: 316.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 06/10/2011	Pre-Cleaned: Jetting	Map Grid #:

Street: OLIVA AV	Flow Control: Not Controlled	Start MH: 1923-0481
City: LAK	Year Renewed	End MH: 1923-0480
Location Code: Light Highway	Tape/Media #: G312-068	pipe length: 354.5 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0480/1923-0481/1923	Lining Method:
	Category:

Remark::

1:528	position	observation	grade
			0 FT // 00:00:29 0 FT // 00:00:39 3.2 FT // 00:01:33 5 FT // 00:03:25 5.8 FT // 00:03:48
	1923		
	1923-0481	Manhole, within 8 inch: NO, Remarks: 1923-0481	
	0.00	Water Level, 10 %, within 8 inch: NO	M 2
	3.20	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	5.00	Water Mark, 10 %, within 8 inch: NO	M 2
	5.80	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	5.80	Roots Ball Lateral, at 9 o'clock, 55 %, within 8 inch: NO	M 4
	7.10	Fracture Multiple, from 7 to 5 o'clock, within 8 inch: YES	S 4
	7.10	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	
	51.70	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	57.30	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	58.50	Roots Fine Joint, from 7 to 10 o'clock, within 8 inch: YES, Start	
	61.80	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	S 3
	71.20	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	S 3
	71.20	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	
	97.60	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	98.60	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	S 3
	106.10	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	151.70	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	154.30	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	183.60	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	S 3
	196.70	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	199.60	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	



Inspection report

Date: 20110613	P.O.#: Y0TV1011B	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 2886	PSR: 42624
Total Pipe Length: 316.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 06/10/2011	Pre-Cleaned: Jetting	Map Grid #:

1:528	position	observation	grade
	251.60	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	251.60	Roots Ball Lateral, at 3 o'clock, 55 %, within 8 inch: NO	M 4
	253.40	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	S 3
	253.40	Roots Medium Joint, from 12 to 6 o'clock, 35 %, within 8 inch: YES	
	254.00	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	254.00	Roots Fine Lateral, at 9 o'clock, within 8 inch: NO	M 1
	309.50	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	331.10	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	351.10	Roots Fine Joint, from 7 to 10 o'clock, within 8 inch: YES, End	
	354.50	Water Level, 10 %, within 8 inch: NO	M 2
	354.50	Manhole, within 8 inch: NO, Remarks: 1923-0480	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
4135	4223	19	15	34	3.17	2.5	2.83



Inspection report

Date: 20110621	P.O.#: Y0TV1011B	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 2950	PSR: 42872
Total Pipe Length: 143.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 06/20/2011	Pre-Cleaned: Jetting	Map Grid #:

Street: SANDWOOD ST	Flow Control: Not Controlled	Start MH: 1923-0281
City: LAK	Year Renewed	End MH: 1923-0255
Location Code: Light Highway	Tape/Media #: G312-073	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: 0255/1923-0281/1923	Lining Method:
	Category:

Remark::

1:275	position	observation	grade
1923			
			0 FT // 00:00:35 0 FT // 00:00:54 0 FT // 00:01:17 36.8 FT // 00:03:09 65.7 FT // 00:07:08
	0.00	Manhole, within 8 inch: NO, Remarks: 1923-0281	
	0.00	Water Level, 10 %, within 8 inch: NO	M 2
	0.00	Water Mark, 10 %, within 8 inch: NO	M 2
	36.80	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	65.70	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	S 3
	67.40	Tap Factory Defective, at 9 o'clock, 6", within 8 inch: NO	M 2
	67.40	Fracture Multiple, from 8 to 10 o'clock, within 8 inch: NO	S 4
	67.40	Roots Tap Connection, from 7 to 10 o'clock, 15 %, within 8 inch: NO	M 2
	74.70 S1	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES, Start	S 3
	74.70	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	
	77.90 S2	Roots Fine Joint, from 7 to 10 o'clock, within 8 inch: YES, Start	
	89.90 F1	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES, End	S 3
	115.80 F2	Roots Fine Joint, from 7 to 10 o'clock, within 8 inch: YES, End	
	115.80	Water Level, 10 %, within 8 inch: NO	M 2
	115.80	Vermin Cockroach, within 8 inch: NO	M 1
	115.80	Manhole, within 8 inch: NO, Remarks: 1923-0255	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
4133	2511	13	11	24	3.25	1.83	2.4



Inspection report

Date: 20110622	P.O.#:	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 2993	PSR: 42997
Total Pipe Length: 345.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 06/20/2011	Pre-Cleaned: Jetting	Map Grid #: 1923

Street: DOLLAR ST	Flow Control: Not Controlled	Start MH: 1923-0150
City: LAK	Year Renewed	End MH: 1923-0174
Location Code: Light Highway	Tape/Media #: R311-078	pipe length: 336.5 ft

Reason for inspection: Maintenance Related	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0150/1923-0174/1923	Lining Method:
	Category:

Remark::

1:396	position	observation	grade
			0 FT // 00:00:31 0 FT // 00:00:43 5 FT // 00:01:30 15 FT // 00:02:12 15 FT // 00:02:12
	1923-0150	Manhole, within 8 inch: NO, Remarks: 1923-0150	
	0.00	Water Level, 5 %, within 8 inch: NO	M 2
	5.00	Water Mark, 10 %, within 8 inch: NO	M 2
	15.00	Roots Fine Joint, from 10 to 12 o'clock, within 8 inch: YES	
	21.40	Crack Circumferential, from 9 to 12 o'clock, within 8 inch: YES	S 1
	21.40	Roots Fine Joint, at 12 o'clock, within 8 inch: YES	
	24.50 S1	Roots Fine Joint, at 10 o'clock, within 8 inch: YES, Start	
	33.70 F1	Roots Fine Joint, at 10 o'clock, within 8 inch: YES, End	
	46.10	Crack Multiple, from 3 to 9 o'clock, within 8 inch: YES	S 3
	47.60	Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	
	47.60	Roots Fine Lateral, at 10 o'clock, within 8 inch: NO	M 1
	66.90	Roots Fine Joint, from 2 to 9 o'clock, within 8 inch: YES	
	66.90	Crack Multiple, from 9 to 2 o'clock, within 8 inch: YES	S 3
	77.60	Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	
	77.60	Roots Ball Lateral, at 10 o'clock, 80 %, within 8 inch: NO	M 4
	77.60	Roots Medium Connection, at 10 o'clock, 15 %, within 8 inch: NO	M 3
	89.70	Tap Factory Active, at 2 o'clock, 6", within 8 inch: NO	
	89.70	Roots Ball Lateral, at 2 o'clock, 75 %, within 8 inch: NO	M 4
	118.60	Crack Multiple, from 10 to 3 o'clock, within 8 inch: YES	S 3
	147.80	Tap Factory Active, at 2 o'clock, 6", within 8 inch: NO	
	148.90	Crack Multiple, from 9 to 3 o'clock, within 8 inch: YES	S 3
	159.40	Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	
	159.40	Roots Medium Lateral, at 10 o'clock, 15 %, within 8 inch: NO	M 3



Inspection report

Date: 20110622	P.O.#:	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 2993	PSR: 42997
Total Pipe Length: 345.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 06/20/2011	Pre-Cleaned: Jetting	Map Grid #: 1923

1:396	position	observation	grade
	186.80	Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	
	189.50	Tap Factory Active, at 2 o'clock, 6", within 8 inch: NO	
	235.00	Tap Factory Active, at 2 o'clock, 6", within 8 inch: NO	
	242.40	Crack Multiple, from 8 to 10 o'clock, within 8 inch: YES	S 3
	259.10	Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	
	301.90	Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	
	312.40	Fracture Multiple, from 12 to 7 o'clock, within 8 inch: YES, Start	S 4
	313.60	Tap Factory Active, at 2 o'clock, 6", within 8 inch: NO	
	314.70	Fracture Multiple, from 12 to 7 o'clock, within 8 inch: YES, End	S 4
	334.60	Water Level, 5 %, within 8 inch: NO	M 2
	336.50	Vermin Cockroach, within 8 inch: NO	M 1
	336.50	Manhole, within 8 inch: NO, Remarks: 1923-0174	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
4235	4232	24	22	46	3	2.44	2.71



Inspection report

Date: 20110725	P.O.#:	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 3507	PSR: 43117
Total Pipe Length: 377.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 07/19/2011	Pre-Cleaned: Jetting	Map Grid #: 1923

Street: YEARLING ST	Flow Control: Not Controlled	Start MH: 1923-0031
City: LAK	Year Renewed	End MH: 1923-0032
Location Code: Light Highway	Tape/Media #: R311-089	pipe length: 354.5 ft

Reason for inspection: Maintenance Related	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0031/1923-0032/1923	Lining Method:
	Category:

Remark::

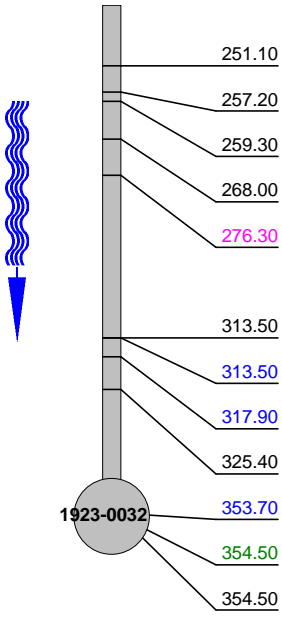
1:528	position	observation	grade
			0 FT // 00:00:27 0 FT // 00:00:41 5 FT // 00:01:18 10.3 FT // 00:01:44 22.4 FT // 00:02:20
	1923-0031	Manhole, within 8 inch: NO, Remarks: 1923-0031	
	0.00	Water Level, 10 %, within 8 inch: NO	M 2
	5.00	Water Mark, 10 %, within 8 inch: NO	M 2
	10.30	Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	
	22.40	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	48.10	Crack Multiple, from 10 to 4 o'clock, within 8 inch: YES	S 3
	59.10	Tap Factory Active, at 2 o'clock, 6", within 8 inch: NO	
	69.20	General Observation, within 8 inch: NO, Remarks: Pipe joint Length 3'	
	76.80	Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	
	96.60	Roots Fine Joint, at 9 o'clock, within 8 inch: YES	
	98.00	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	117.70	Roots Fine Joint, from 9 to 12 o'clock, within 8 inch: YES	
	117.70	Crack Multiple, from 7 to 4 o'clock, within 8 inch: YES	S 3
	120.90	Crack Circumferential, from 1 to 4 o'clock, within 8 inch: YES	S 1
	122.40	Tap Factory Active, at 2 o'clock, 6", within 8 inch: NO	
	126.50	Crack Multiple, from 10 to 5 o'clock, within 8 inch: YES	S 3
	159.20	Tap Factory Active, at 2 o'clock, 6", within 8 inch: NO	
	164.90	Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	
	165.90	Crack Multiple, from 7 to 3 o'clock, within 8 inch: YES	S 3
	174.40	Crack Multiple, from 10 to 4 o'clock, within 8 inch: NO, Remarks: Barrel	S 3
	210.60	Tap Factory Active, at 2 o'clock, 6", within 8 inch: NO	
	213.20	Tap Factory Abandoned, at 9 o'clock, 6", within 8 inch: NO	



Inspection report

Date: 20110725	P.O.#:	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 3507	PSR: 43117
Total Pipe Length: 377.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 07/19/2011	Pre-Cleaned: Jetting	Map Grid #: 1923

1:528	position	observation	grade
	251.10	Roots Fine Joint, from 9 to 3 o'clock, within 8 inch: YES	
	257.20	Roots Fine Joint, from 1 to 2 o'clock, within 8 inch: YES	
	259.30	Tap Factory Active, at 2 o'clock, 6", within 8 inch: NO	
	268.00	Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	
	276.30	Fracture Multiple, from 10 to 5 o'clock, within 8 inch: YES	S 4
	313.50	Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	
	313.50	Crack Longitudinal, at 10 o'clock, within 8 inch: NO, Remarks: Barrel	S 2
	317.90	Crack Longitudinal, at 4 o'clock, within 8 inch: YES	S 2
	325.40	Tap Factory Active, at 2 o'clock, 6", within 8 inch: NO	
	353.70	Water Level, 5 %, within 8 inch: NO	M 2
	354.50	Vermin Cockroach, within 8 inch: NO	M 1
	354.50	Manhole, within 8 inch: NO, Remarks: 1923-0032	





Inspection report

Date: 20110623	P.O.#: Y0TV1011B	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 2966	PSR: 42778
Total Pipe Length: 365.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 06/22/2011	Pre-Cleaned: Jetting	Map Grid #:

Street: ARBOR ST	Flow Control: Not Controlled	Start MH: 1923-0284
City: LAK	Year Renewed	End MH: 1923-0285
Location Code: Light Highway	Tape/Media #: G312-075	pipe length: 347.3 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0284/1923-0285/1923	Lining Method:
	Category:

Remark::

1:429	position	observation	grade
	1923		
			0 FT // 00:00:30 0 FT // 00:00:40 4 FT // 00:01:00 5 FT // 00:01:34 5 FT // 00:02:00
	1923-0284	Manhole, within 8 inch: NO, Remarks: 1923-0284	
	0.00		
	0.00	Water Level, 5 %, within 8 inch: NO	M 2
	4.00	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	5.00	Water Mark, 5 %, within 8 inch: NO	M 2
	5.00	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, Start	
	5.00	Crack Circumferential, from 2 to 5 o'clock, within 8 inch: YES	S 1
	6.40	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	29.00	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	29.00	Roots Fine Lateral, at 3 o'clock, within 8 inch: NO	M 1
	34.60	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	83.10	Fracture Multiple, from 7 to 5 o'clock, within 8 inch: YES	S 4
	84.60	Tap Factory Defective, at 3 o'clock, 6", within 8 inch: NO	M 2
	84.60	Crack Multiple, from 2 to 5 o'clock, within 8 inch: NO	S 3
	84.60	Roots Fine Lateral, at 3 o'clock, within 8 inch: NO	M 1
	85.80	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	S 3
	110.70	Crack Multiple, from 7 to 3 o'clock, within 8 inch: YES	S 3
	112.00	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	124.30	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	124.30	Roots Medium Lateral, at 9 o'clock, 45 %, within 8 inch: NO	M 3
	129.90	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	129.90	Roots Fine Lateral, at 3 o'clock, within 8 inch: NO	M 1
	188.90	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	188.90	Roots Medium Lateral, at 3 o'clock, 25 %, within 8 inch: NO	M 3



Inspection report

Date: 20110623	P.O.#: Y0TV1011B	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 2966	PSR: 42778
Total Pipe Length: 365.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 06/22/2011	Pre-Cleaned: Jetting	Map Grid #:

1:429	position	observation	grade
	<u>200.10</u>	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	S 3
	<u>200.90</u>	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	<u>200.90</u>	Roots Fine Lateral, at 9 o'clock, within 8 inch: NO	M 1
	<u>218.20</u> F1	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, End	
	<u>235.00</u>	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	<u>249.90</u>	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	<u>249.90</u>	Roots Medium Lateral, at 9 o'clock, 25 %, within 8 inch: NO	M 3
	<u>293.80</u> S2	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, Start	
	<u>304.20</u>	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	<u>316.30</u>	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	<u>331.00</u>	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	<u>346.30</u>	Tap Break-in Active, at 3 o'clock, 6", within 8 inch: NO	
	<u>346.90</u> F2	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, End	
	<u>347.30</u>	Water Level, 10 %, within 8 inch: NO	M 2
	<u>347.30</u>	Manhole, within 8 inch: NO, Remarks: 1923-0285	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
4134	3324	17	21	38	2.83	1.91	2.24



Inspection report

Date: 20110622	P.O.#:	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 2989	PSR: 42910
Total Pipe Length: 339.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 06/20/2011	Pre-Cleaned: Jetting	Map Grid #: 1923

Street: DASHWOOD ST	Flow Control: Not Controlled	Start MH: 1923-0180
City: LAK	Year Renewed	End MH: 1923-0181
Location Code: Light Highway	Tape/Media #: R311-078	pipe length: 350.6 ft

Reason for inspection: Maintenance Related	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0180/1923-0181/1923	Lining Method:
	Category:

Remark::

1:561	position	observation	grade
			0 FT // 00:00:27
			0 FT // 00:00:41
			5 FT // 00:01:15
			10.7 FT // 00:01:42
			29.8 FT // 00:02:32
	0.00	Manhole, within 8 inch: NO, Remarks: 1923-0180	
	0.00	Water Level, 5 %, within 8 inch: NO	M 2
	5.00	Water Mark, 5 %, within 8 inch: NO	M 2
	10.70	General Observation, within 8 inch: NO, Remarks: Pipe Joint Length 3'	
	29.80	Crack Circumferential, from 10 to 12 o'clock, within 8 inch: YES	S 1
	32.70	Crack Multiple, from 1 to 4 o'clock, within 8 inch: YES	S 3
	37.20	Tap Factory Active, at 2 o'clock, 6", within 8 inch: NO	
	38.30	Crack Multiple, from 8 to 2 o'clock, within 8 inch: YES	S 3
	39.70	Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	
	63.70	Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	
	65.00	Fracture Circumferential, from 2 to 5 o'clock, within 8 inch: YES	S 2
	66.30	Tap Factory Active, at 2 o'clock, 6", within 8 inch: NO	
	66.30	Roots Medium Lateral, at 2 o'clock, 45 %, within 8 inch: NO	M 3
	111.50	Tap Factory Active, at 2 o'clock, 6", within 8 inch: NO	
	138.80	Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	
	165.80	Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	
	188.80	Crack Multiple, from 3 to 8 o'clock, within 8 inch: YES	S 3
	189.90	Tap Factory Active, at 2 o'clock, 6", within 8 inch: NO	
	218.70	Crack Multiple, from 2 to 10 o'clock, within 8 inch: YES	S 3
	232.40	Tap Factory Active, at 2 o'clock, 6", within 8 inch: NO	
	242.80	Crack Circumferential, from 8 to 10 o'clock, within 8 inch: YES	S 1
	244.20	Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	



Inspection report

Date: 20110622	P.O.#:	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 2989	PSR: 42910
Total Pipe Length: 339.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 06/20/2011	Pre-Cleaned: Jetting	Map Grid #: 1923

1:561	position	observation	grade
	<u>264.50</u> S1	Fracture Multiple, from 8 to 4 o'clock, within 8 inch: NO, Start	S 4
	<u>267.80</u>	Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	
	<u>268.40</u> F1	Fracture Multiple, from 8 to 4 o'clock, within 8 inch: NO, End	S 4
	<u>310.10</u>	Tap Factory Active, at 2 o'clock, 6", within 8 inch: NO	
	<u>334.30</u>	Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	
	<u>343.10</u>	Tap Factory Active, at 2 o'clock, 6", within 8 inch: NO	
	<u>349.70</u>	Water Level, 5 %, within 8 inch: NO	M 2
	<u>350.60</u>	Manhole, within 8 inch: NO, Remarks: 1923-0181	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
4234	3123	24	9	33	2.67	2.25	2.54



Inspection report

Date: 20110718	P.O.#: Y0TV1011B	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 3593	PSR: 42925
Total Pipe Length: 340.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 07/15/2011	Pre-Cleaned: Jetting	Map Grid #:

Street: YEARLING ST	Flow Control: Not Controlled	Start MH: 1923-0199
City: LAK	Year Renewed:	End MH: 1923-0198
Location Code: Light Highway	Tape/Media #: G312-088	pipe length: 329 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0198/1923-0199/1923	Lining Method:
	Category:

Remark::

1:693	position	observation	grade
	1923		
			0 FT // 00:00:36 0 FT // 00:00:36 0 FT // 00:00:46 0 FT // 00:01:09 0 FT // 00:01:09
	1923-0199	Manhole, within 8 inch: NO, Remarks: 1923-0199	
	0.00	Water Level, 15 %, within 8 inch: NO	M 2
	0.00	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	S 3
	2.50	Crack Multiple, from 3 to 9 o'clock, within 8 inch: YES	S 3
	5.50	Water Mark, 10 %, within 8 inch: NO	M 2
	16.40	Tap Factory Defective, at 3 o'clock, 6", within 8 inch: NO	M 2
	16.40	Fracture Multiple, from 2 to 4 o'clock, within 8 inch: NO	S 4
	17.40	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	S 3
	37.60	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	38.20	Crack Multiple, from 10 to 5 o'clock, within 8 inch: YES	S 3
	40.40	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	86.10	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	97.10	Water Level Sag, 30 %, within 8 inch: NO, Start	M 2
	113.40	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	121.40	Water Level Sag, 30 %, within 8 inch: NO, End	M 2
	121.40	Water Level, 10 %, within 8 inch: NO	M 2
	134.70	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	171.40	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	186.20	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	192.00	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	244.30	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	250.00	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	283.60	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	292.50	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	



Inspection report

Date: 20110718	P.O.#: Y0TV1011B	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 3593	PSR: 42925
Total Pipe Length: 340.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 07/15/2011	Pre-Cleaned: Jetting	Map Grid #:

1:693	position	observation	grade
		<p>Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO</p> <p>Water Level, within 8 inch: NO</p> <p>Manhole, within 8 inch: NO, Remarks: 1923-0198</p>	<p>M 2</p>

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
4134	2700	16	14	30	3.2	2	2.5



Inspection report

Date: 20110531	P.O.#:	Weather: Dry	Surveyed By: Martin Garcia	section number: 2646	PSR: 35794
Total Pipe Length: 328.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 05/27/2011	Pre-Cleaned: Jetting	Map Grid #: 0

Street: FIDLER AV	Flow Control: Not Controlled	Start MH: 1977-0015
City: LAK	Year Renewed	End MH: 1977-0049
Location Code: Light Highway	Tape/Media #: M317-048	pipe length: 322.4 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0015/1977-0049/1977	Lining Method:
	Category:

Remark::

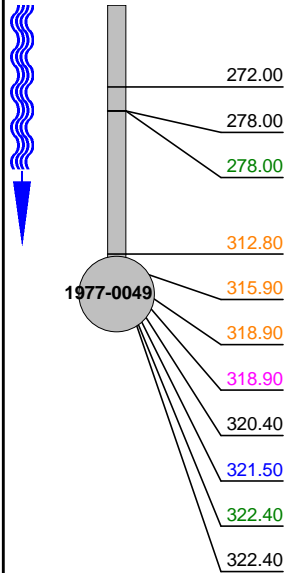
1:561	position	observation	grade
	0		
			0 FT // 00:00:20 0 FT // 00:00:27 0 FT // 00:00:37 4.7 FT // 00:01:02 6.1 FT // 00:01:36
	1977-0015	Manhole, within 8 inch: NO, Remarks: 1977-0015	
	<u>0.00</u>	Vermin Cockroach, within 8 inch: NO	M 1
	<u>0.00</u>	Water Level, 25 %, within 8 inch: NO	M 2
	<u>4.70</u>	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	<u>6.10</u>	Crack Circumferential, from 12 to 3 o'clock, within 8 inch: YES	S 1
	<u>24.20</u>	Crack Circumferential, from 12 to 9 o'clock, within 8 inch: YES	S 1
	<u>25.80</u>	Tap Break-in Active, at 3 o'clock, 6", within 8 inch: NO	
	<u>49.50</u>	Tap Break-in Active, at 3 o'clock, 6", within 8 inch: NO	
	<u>49.50</u>	Vermin Cockroach, within 8 inch: NO	M 1
	<u>57.40</u>	Water Mark, 30 %, within 8 inch: NO	M 2
	<u>70.80</u>	Tap Factory, at 10 o'clock, 6", within 8 inch: NO	
	<u>79.50</u>	Tap Factory, at 10 o'clock, 6", within 8 inch: NO	
	<u>79.50</u>	Vermin Cockroach, within 8 inch: NO	M 1
	<u>84.40</u>	Crack Longitudinal, at 12 o'clock, within 8 inch: YES	S 2
	<u>100.50</u>	Tap Break-in Active, at 3 o'clock, 6", within 8 inch: NO	
	<u>117.90</u>	Water Level, 20 %, within 8 inch: NO	M 2
	<u>126.30</u>	Crack Longitudinal, at 3 o'clock, within 8 inch: YES	S 2
	<u>160.70</u>	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	<u>181.40</u>	Tap Break-in Active, at 3 o'clock, 6", within 8 inch: NO	
	<u>201.30</u>	Crack Circumferential, from 1 to 8 o'clock, within 8 inch: YES	S 1
	<u>203.70</u>	Tap Break-in Active, at 3 o'clock, 6", within 8 inch: NO	
	<u>211.70</u>	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	<u>228.60</u>	Crack Longitudinal, at 2 o'clock, within 8 inch: YES	S 2



Inspection report

Date: 20110531	P.O.#:	Weather: Dry	Surveyed By: Martin Garcia	section number: 2646	PSR: 35794
Total Pipe Length: 328.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 05/27/2011	Pre-Cleaned: Jetting	Map Grid #: 0

1:561	position	observation	grade
	272.00	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	278.00	Tap Factory, at 3 o'clock, 6", within 8 inch: NO	
	278.00	Vermin Cockroach, within 8 inch: NO	M 1
	312.80	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	S 3
	315.90	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	S 3
	318.90	Fracture Longitudinal, at 3 o'clock, within 8 inch: YES	S 3
	318.90	Fracture Multiple, from 7 to 11 o'clock, within 8 inch: YES	S 4
	320.40	Tap Factory Active, at 6 o'clock, 8", within 8 inch: NO	
	321.50	Crack Longitudinal, at 12 o'clock, within 8 inch: NO	S 2
	322.40	Vermin Cockroach, within 8 inch: NO	M 1
	322.40	Manhole, within 8 inch: NO, Remarks: 1977-0049	



11

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
4133	2315	24	11	35	2.18	1.38	1.84



Inspection report

Date: 20110622	P.O.#: Y0TV1011B	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 2962	PSR: 42863
Total Pipe Length: 325.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 06/21/2011	Pre-Cleaned: Jetting	Map Grid #:

Street: ELKPORT ST	Flow Control: Not Controlled	Start MH: 1923-0303
City: LAK	Year Renewed	End MH: 1923-0249
Location Code: Light Highway	Tape/Media #: G312-074	pipe length: 294.3 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0249/1923-0303/1923	Lining Method:
	Category:

Remark::

1:495	position	observation	grade
	1923		
			0 FT // 00:00:47 0 FT // 00:00:59 5 FT // 00:01:39 13.5 FT // 00:02:33 13.5 FT // 00:02:33
	1923-0303	Manhole, within 8 inch: NO, Remarks: 1923-0303	
	0.00	Water Level, 10 %, within 8 inch: NO	M 2
	5.00	Water Mark, 10 %, within 8 inch: NO	M 2
	13.50	Fracture Multiple, from 10 to 5 o'clock, within 8 inch: YES	S 4
	14.70	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	16.00	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	S 3
	17.30	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	38.90	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	52.60 S1	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES, Start	S 3
	54.00	Tap Factory Defective, at 3 o'clock, 6", within 8 inch: NO	M 2
	58.50 F1	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES, End	S 3
	116.60	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	124.10 S2	Roots Fine Joint, from 7 to 9 o'clock, within 8 inch: YES, Start	
	124.10	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	S 3
	125.40	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	142.10 F2	Roots Fine Joint, from 7 to 9 o'clock, within 8 inch: YES, End	
	153.20	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	168.50	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	202.50	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	202.50	Roots Fine Connection, from 3 to 6 o'clock, within 8 inch: NO	M 1
	209.90	Roots Medium Joint, from 6 to 10 o'clock, 35 %, within 8 inch: YES	
	216.20	Roots Fine Joint, from 3 to 5 o'clock, within 8 inch: YES	
	219.50	Roots Medium Joint, from 7 to 10 o'clock, 25 %, within 8 inch: YES	



Inspection report

Date: 20110622	P.O.#: Y0TV1011B	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 2962	PSR: 42863
Total Pipe Length: 325.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 06/21/2011	Pre-Cleaned: Jetting	Map Grid #:

1:495	position	observation	grade
	223.90	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	228.40 S3	Roots Fine Joint, from 3 to 5 o'clock, within 8 inch: YES, Start	
	291.20 F3	Roots Fine Joint, from 3 to 5 o'clock, within 8 inch: YES, End	
	294.30	Water Level, 10 %, within 8 inch: NO	M 2
	294.30	Vermin Cockroach, within 8 inch: NO	M 1
	294.30	Manhole, within 8 inch: NO, Remarks: 1923-0249	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
4134	2412	16	10	26	3.2	1.67	2.36



Inspection report

Date: 20110629	P.O.#:	Weather: Dry	Surveyed By: Martin Garcia	section number: 3178	PSR: 42329
Total Pipe Length: 175.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 06/28/2011	Pre-Cleaned: Jetting	Map Grid #: 1

Street: LEVELSIDE AV	Flow Control: Not Controlled	Start MH: 1924-0109
City: LAK	Year Renewed	End MH: 1924-0110
Location Code: Light Highway	Tape/Media #: M317-065	pipe length: 277.2 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0110/1924-0109/1924	Lining Method:
	Category:

Remark::

1:561	position	observation	grade
	0		
		0 FT // 00:00:17	
		0 FT // 00:00:23	
		0 FT // 00:00:46	
		21.7 FT // 00:02:21	
		21.7 FT // 00:02:21	
	1924-0109	Manhole, within 8 inch: NO, Remarks: 1924-0109	
	0.00	Vermin Cockroach, within 8 inch: NO	M 1
	0.00	Water Level, 10 %, within 8 inch: NO	M 2
	0.00	Crack Longitudinal, at 3 o'clock, within 8 inch: YES	S 2
	21.70	Crack Multiple, from 2 to 8 o'clock, within 8 inch: YES	S 3
	39.10	Crack Multiple, from 6 to 5 o'clock, within 8 inch: YES	S 3
	42.10	Deposits Attached Grease, from 9 to 3 o'clock, 5 %, within 8 inch: NO	M 2
	44.20	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	64.20		
	119.00	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	159.50	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	159.50	Vermin Cockroach, within 8 inch: NO	M 1
	162.00	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	173.50	Crack Multiple, from 8 to 4 o'clock, within 8 inch: YES	S 3
	180.70	Water Level, 5 %, within 8 inch: NO	M 2
	190.50	Fracture Multiple, from 7 to 5 o'clock, within 8 inch: YES	S 4
	223.70	Water Level, 10 %, within 8 inch: NO	M 2
	226.70	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	226.70	Tap Factory Defective, at 3 o'clock, 6", within 8 inch: NO	M 2
	226.70	Fracture Circumferential, from 11 to 1 o'clock, within 8 inch: NO, Remarks: IN LATERAL	S 2
	233.00	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	233.00	Vermin Cockroach, within 8 inch: NO	M 1



Inspection report

Date: 20110629	P.O.#:	Weather: Dry	Surveyed By: Martin Garcia	section number: 3178	PSR: 42329
Total Pipe Length: 175.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 06/28/2011	Pre-Cleaned: Jetting	Map Grid #: 1

1:561	position	observation	grade
	<p style="margin-left: 20px;">270.60</p> <p style="margin-left: 20px;">272.10</p> <p style="margin-left: 20px;">277.20</p> <p style="margin-left: 20px;">277.20</p> <p style="margin-left: 20px;">277.20</p>	<p>Crack Circumferential, from 9 to 10 o'clock, within 8 inch: YES</p> <p>Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO</p> <p>Water Level, 5 %, within 8 inch: NO</p> <p>Vermin Cockroach, within 8 inch: NO</p> <p>Manhole, within 8 inch: NO, Remarks: 1924-0110</p>	<p>S 1</p> <p>M 2</p> <p>M 1</p>
7			

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
4133	2614	18	16	34	2.57	1.6	2



Inspection report

Date: 20110719	P.O.#:	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 3492	PSR: 43109
Total Pipe Length: 346.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 07/14/2011	Pre-Cleaned: Jetting	Map Grid #: 1923

Street: DOLLAR ST	Flow Control: Not Controlled	Start MH: 1923-0041
City: LAK	Year Renewed	End MH: 1923-0026
Location Code: Light Highway	Tape/Media #: R311-087	pipe length: 351.3 ft

Reason for inspection: Maintenance Related	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0026/1923-0041/1923	Lining Method:
	Category:

Remark::

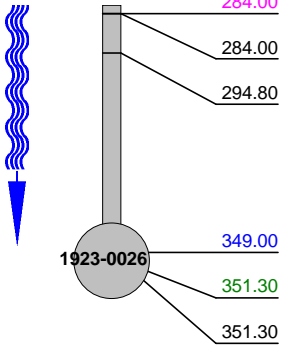
1:627	position	observation	grade
			0 FT // 00:00:26
			0 FT // 00:00:33
			0 FT // 00:00:33
			0 FT // 00:00:51
			5 FT // 00:01:22
1923-0041	0.00	Manhole, within 8 inch: NO, Remarks: 1923-0041	
	0.00	Vermin Cockroach, within 8 inch: NO	M 1
	0.00	Water Level, 5 %, within 8 inch: NO	M 2
	5.00	Water Mark, 10 %, within 8 inch: NO	M 2
	11.30	Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	
	11.30	Roots Fine Lateral, at 10 o'clock, within 8 inch: NO	M 1
	12.70	Crack Circumferential, from 2 to 4 o'clock, within 8 inch: YES	S 1
	21.80	General Observation, within 8 inch: NO, Remarks: Pipe Joint Length 3'	
	35.90	Tap Break-in Active, at 3 o'clock, 6", within 8 inch: NO	
	68.00	Fracture Longitudinal, at 4 o'clock, within 8 inch: YES	S 3
	68.00	Fracture Circumferential, from 7 to 9 o'clock, within 8 inch: YES	S 2
	75.80	Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	
	98.60	Crack Multiple, from 2 to 5 o'clock, within 8 inch: YES	S 3
	100.00	Tap Factory Active, at 2 o'clock, 6", within 8 inch: NO	
	119.70	Crack Multiple, from 2 to 5 o'clock, within 8 inch: YES	S 3
	127.30	Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	
	165.60	Crack Circumferential, from 1 to 4 o'clock, within 8 inch: YES	S 1
	167.90	Tap Break-in Active, at 2 o'clock, 6", within 8 inch: NO	
	182.40	Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	
	206.80	Tap Factory Active, at 2 o'clock, 6", within 8 inch: NO	
	234.00	Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	
	267.40	Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	



Inspection report

Date: 20110719	P.O.#:	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 3492	PSR: 43109
Total Pipe Length: 346.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 07/14/2011	Pre-Cleaned: Jetting	Map Grid #: 1923

1:627	position	observation	grade
	284.00	Fracture Multiple, from 8 to 2 o'clock, within 8 inch: YES	S 4
	284.00	Roots Fine Joint, from 2 to 4 o'clock, within 8 inch: YES	
	294.80	Tap Factory Active, at 2 o'clock, 6", within 8 inch: NO	
	349.00	Water Level, 5 %, within 8 inch: NO	M 2
	351.30	Vermin Cockroach, within 8 inch: NO	M 1
	351.30	Manhole, within 8 inch: NO, Remarks: 1923-0026	



QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
4133	2313	17	9	26	2.43	1.5	2



Inspection report

Date: 20110725	P.O.#:	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 3519	PSR: 43200
Total Pipe Length: 232.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 07/19/2011	Pre-Cleaned: Jetting	Map Grid #: 1923

Street: DEEBOYAR AV	Flow Control: Not Controlled	Start MH: 1923-0004
City: LAK	Year Renewed	End MH: 1923-0003
Location Code: Light Highway	Tape/Media #: R311-089	pipe length: 294.7 ft

Reason for inspection: Maintenance Related	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0003/1923-0004/1923	Lining Method:
	Category:

Remark::

1:675	position	observation	grade
			0 FT // 00:00:25 0 FT // 00:00:36 0 FT // 00:00:36 0 FT // 00:01:04 8 FT // 00:01:25
	0.00	Manhole, within 8 inch: NO, Remarks: 1923-0004	
	0.00	Vermin Cockroach, within 8 inch: NO	M 1
	0.00	Water Level, 10 %, within 8 inch: NO	M 2
	8.00	Water Mark, 15 %, within 8 inch: NO	M 2
	8.90	Fracture Multiple, from 9 to 3 o'clock, within 8 inch: YES	S 4
	10.20	Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	
	14.50	General Observation, within 8 inch: NO, Remarks: Pipe joint Length 3'	
	28.30	Tap Factory Capped, at 2 o'clock, 6", within 8 inch: NO	
	55.80	Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	
	132.30	Tap Factory Active, at 12 o'clock, 6", within 8 inch: NO	
	245.20	Crack Longitudinal, at 1 o'clock, within 8 inch: YES	S 2
	248.30	Crack Longitudinal, at 1 o'clock, within 8 inch: YES	S 2
	251.30	Crack Multiple, from 9 to 3 o'clock, within 8 inch: YES	S 3
	254.30	Crack Multiple, from 9 to 3 o'clock, within 8 inch: YES	S 3
	257.70	Crack Longitudinal, at 9 o'clock, within 8 inch: YES	S 2
	260.70	Crack Multiple, from 9 to 3 o'clock, within 8 inch: YES	S 3
	275.90	Crack Longitudinal, at 12 o'clock, within 8 inch: YES	S 2
	293.50	Water Level, 10 %, within 8 inch: NO	M 2
	294.70	Vermin Cockroach, within 8 inch: NO	M 1
	294.70	Manhole, within 8 inch: NO, Remarks: 1923-0003	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
4133	2312	21	8	29	2.63	1.6	2.23



Inspection report

Date: 20110606	P.O.#: Y0TV1011B	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 2462	PSR: 35789
Total Pipe Length: 265.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 06/03/2011	Pre-Cleaned: Jetting	Map Grid #:

Street: CLARK AV	Flow Control: Not Controlled	Start MH: 1977-0011
City: LAK	Year Renewed	End MH: 1977-0045
Location Code: Sidewalk	Tape/Media #: G312-063	pipe length: 199.7 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0011/1977-0045/1977	Lining Method:
	Category:

Remark::

1:450	position	observation	grade
1977			
			0 FT // 00:00:46 0 FT // 00:01:03 0 FT // 00:01:21 40.1 FT // 00:03:50 40.1 FT // 00:03:50
	0.00	Manhole, within 8 inch: NO, Remarks: 1977-0011	
	0.00	Water Level, 10 %, within 8 inch: NO	M 2
	0.00	Water Mark, 10 %, within 8 inch: NO	M 2
	40.10	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	
	41.50	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	41.50	Roots Fine Lateral, at 3 o'clock, within 8 inch: NO	M 1
	84.30	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	135.00	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	S 3
	135.00	Roots Fine Joint, from 7 to 9 o'clock, within 8 inch: YES	
	136.80	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	136.80	Roots Ball Connection, from 2 to 5 o'clock, 55 %, within 8 inch: NO	M 4
	198.70	Broken, from 5 to 7 o'clock, within 8 inch: NO	S 4
	199.50	Surface Aggregate Visible Unknown, from 11 to 1 o'clock, within 8 inch: NO	S 3
	199.50	Water Level, 15 %, within 8 inch: NO	M 2
	199.70	Vermin Cockroach, within 8 inch: NO	M 1
	199.70	Manhole, within 8 inch: NO, Remarks: 1977-0045	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
4132	4123	10	12	22	3.33	2	2.44



Inspection report

Date: 20110602	P.O.#: Y0TV1011B	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 2600	PSR: 42554
Total Pipe Length: 262.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 06/01/2011	Pre-Cleaned: Jetting	Map Grid #: 1923

Street: CAMERINO ST	Flow Control: Not Controlled	Start MH: 1923-0573
City: LAK	Year Renewed	End MH: 1923-0539
Location Code: Light Highway	Tape/Media #: R313-064	pipe length: 246.2 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0539/1923-0573/1923	Lining Method:
	Category:

Remark::

1:550	position	observation	grade
			0 FT // 00:00:25 0 FT // 00:01:31 5 FT // 00:02:01 7.2 FT // 00:02:23 7.2 FT // 00:02:37
1923-0573	0.00	Manhole, within 8 inch: NO, Remarks: 1923-0573	
	0.00	Water Level, 5 %, within 8 inch: NO	M 2
	5.00	Water Mark, 10 %, within 8 inch: NO	M 2
	7.20	Tap Factory Active, at 2 o'clock, 6", within 8 inch: NO	
	7.20	Roots Fine Lateral, at 2 o'clock, within 8 inch: NO	M 1
	10.70	General Observation, within 8 inch: NO, Remarks: Pipe Joint Length 3'	
	13.50	Crack Multiple, from 8 to 4 o'clock, within 8 inch: YES	S 3
	53.50	Fracture Multiple, from 2 to 5 o'clock, within 8 inch: YES	S 4
	55.00	Tap Factory Active, at 2 o'clock, 6", within 8 inch: NO	
	55.00	Roots Medium Lateral, at 2 o'clock, 50 %, within 8 inch: NO	M 3
	55.10	Fracture Circumferential, from 8 to 1 o'clock, within 8 inch: NO	S 2
	121.20	Crack Multiple, from 12 to 3 o'clock, within 8 inch: YES	S 3
	122.50	Tap Factory Active, at 2 o'clock, 6", within 8 inch: NO	
	122.50	Roots Fine Lateral, at 2 o'clock, within 8 inch: NO	M 1
	122.50	Fracture Circumferential, from 8 to 1 o'clock, within 8 inch: NO	S 2
	122.50	Roots Fine Barrel, at 10 o'clock, within 8 inch: NO	M 2
	159.10	Tap Factory Active, at 2 o'clock, 6", within 8 inch: NO	
	217.20	Tap Factory Active, at 2 o'clock, 6", within 8 inch: NO	
	245.80	Water Level, 10 %, within 8 inch: NO	M 2
	246.20	Vermin Cockroach, within 8 inch: NO	M 1
1923-0539	246.20	Manhole, within 8 inch: NO, Remarks: 1923-0539	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
4132	3124	14	14	28	2.8	1.75	2.15



Inspection report

Date: 20110606	P.O.#:	Weather: Dry	Surveyed By: Martin Garcia	section number: 2687	PSR: 42679
Total Pipe Length: 283.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 06/03/2011	Pre-Cleaned: Jetting	Map Grid #: 0

Street: COKE AV	Flow Control: Not Controlled	Start MH: 1923-0425
City: LAK	Year Renewed	End MH: 1923-0426
Location Code: Light Highway	Tape/Media #: M317-051	pipe length: 276.4 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0425/1923-0426/1923	Lining Method:
	Category:

Remark::

1:625	position	observation	grade
	0		
	0.00	Manhole, within 8 inch: NO, Remarks: 1923-0425	0 FT // 00:00:19
	0.00	Vermin Cockroach, within 8 inch: NO	0 FT // 00:00:25
	0.00	Water Level, 10 %, within 8 inch: NO	0 FT // 00:00:36
	3.00	Fracture Multiple, from 3 to 10 o'clock, within 8 inch: YES	3 FT // 00:01:13
	4.50	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	5.00	Fracture Circumferential, from 7 to 10 o'clock, within 8 inch: YES	S 2
	5.50	Crack Circumferential, from 9 to 3 o'clock, within 8 inch: YES	S 1
	34.50	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	34.90	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	S 3
	36.30	Tap Factory Defective, at 9 o'clock, 6", within 8 inch: NO	M 2
	36.30	Crack Circumferential, from 6 to 5 o'clock, within 8 inch: NO, Remarks: IN LATERAL	S 1
	75.70	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	86.20	Crack Multiple, from 7 to 11 o'clock, within 8 inch: NO	S 3
	87.30	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	129.80	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	135.30	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	190.60	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	208.20	Tap Factory Active, at 3 o'clock, 4", within 8 inch: NO	
	241.50	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	258.20	Crack Circumferential, from 12 to 7 o'clock, within 8 inch: YES	S 1
	259.30	Tap Factory Defective, at 3 o'clock, 6", within 8 inch: NO	M 2
	259.30	Fracture Circumferential, from 4 to 12 o'clock, within 8 inch: NO, Remarks: IN LATERAL	S 2
	276.20	Water Level, 10 %, within 8 inch: NO	M 2
	276.40	Vermin Cockroach, within 8 inch: NO	M 1
	276.40	Manhole, within 8 inch: NO, Remarks: 1923-0426	
	8		

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
4132	2412	17	10	27	2.13	1.67	1.93



Inspection report

Date: 20110622	P.O.#:	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 2990	PSR: 42911
Total Pipe Length: 339.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 06/20/2011	Pre-Cleaned: Jetting	Map Grid #: 1923

Street: DASHWOOD ST	Flow Control: Not Controlled	Start MH: 1923-0181
City: LAK	Year Renewed	End MH: 1923-0182
Location Code: Light Highway	Tape/Media #: R311-078	pipe length: 351.9 ft

Reason for inspection: Maintenance Related	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0181/1923-0182/1923	Lining Method:
	Category:

Remark::

1:396	position	observation	grade
			0 FT // 00:00:26
			0 FT // 00:00:47
			3.2 FT // 00:01:03
			8 FT // 00:01:38
			28 FT // 00:02:24
	1923-0181	Manhole, within 8 inch: NO, Remarks: 1923-0181	
	0.00		
	0.00	Water Level, 5 %, within 8 inch: NO	M 2
	3.20	Water Mark, 10 %, within 8 inch: NO	M 2
	8.00	General Observation, within 8 inch: NO, Remarks: Pipe Joint Length 3'	
	28.00	Tap Factory Active, at 2 o'clock, 6", within 8 inch: NO	
	38.60	Fracture Multiple, from 8 to 4 o'clock, within 8 inch: YES	S 4
	40.10	Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	
	40.10	Roots Medium Lateral, at 10 o'clock, 30 %, within 8 inch: NO	M 3
	85.00	Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	
	85.00	Roots Medium Lateral, at 10 o'clock, 50 %, within 8 inch: NO	M 3
	104.70	Roots Medium Joint, from 11 to 3 o'clock, 15 %, within 8 inch: YES	
	106.00	Tap Factory Active, at 2 o'clock, 6", within 8 inch: NO	
	106.00	Roots Medium Lateral, at 2 o'clock, 20 %, within 8 inch: NO	M 3
	125.80	Roots Medium Joint, from 10 to 2 o'clock, 20 %, within 8 inch: YES	
	127.40	Tap Factory Active, at 2 o'clock, 6", within 8 inch: NO	
	127.40	Roots Ball Lateral, at 2 o'clock, 75 %, within 8 inch: NO	M 4
	132.70	Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	
	132.70	Roots Ball Lateral, at 10 o'clock, 65 %, within 8 inch: NO	M 4
	164.90	Roots Medium Joint, from 8 to 2 o'clock, 15 %, within 8 inch: YES	



Inspection report

Date: 20110622	P.O.#:	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 2990	PSR: 42911
Total Pipe Length: 339.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 06/20/2011	Pre-Cleaned: Jetting	Map Grid #: 1923

1:396	position	observation	grade
	180.10 S1	Roots Fine Joint, at 9 o'clock, within 8 inch: YES, Start	
	181.60	Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	
	181.60	Roots Ball Lateral, at 10 o'clock, 60 %, within 8 inch: NO	M 4
	182.60 F1	Roots Fine Joint, at 9 o'clock, within 8 inch: YES, End	
	184.10	Tap Factory Active, at 2 o'clock, 6", within 8 inch: NO	
	242.00	Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	
	242.00	Roots Medium Lateral, at 10 o'clock, 25 %, within 8 inch: NO	M 3
	258.40	Crack Multiple, from 1 to 5 o'clock, within 8 inch: YES	S 3
	259.80	Tap Factory Active, at 5 o'clock, 6", within 8 inch: NO	
	285.70	Crack Multiple, from 9 to 5 o'clock, within 8 inch: YES	S 3
	286.90	Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	
	292.90	Tap Factory Active, at 2 o'clock, 6", within 8 inch: NO	
	332.20	Tap Factory Active, at 2 o'clock, 6", within 8 inch: NO	
	349.70	Water Level, 5 %, within 8 inch: NO	M 2
	1923-0182 351.90	Manhole, within 8 inch: NO, Remarks: 1923-0182	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
4132	4334	10	30	40	3.33	3	3.08



Inspection report

Date: 20110623	P.O.#:	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 3005	PSR: 43000
Total Pipe Length: 238.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 06/21/2011	Pre-Cleaned: Jetting	Map Grid #: 1923

Street: OBISPO AV	Flow Control: Not Controlled	Start MH: 1923-0152
City: LAK	Year Renewed	End MH: 1923-0153
Location Code: Light Highway	Tape/Media #: R311-079	pipe length: 254 ft

Reason for inspection: Maintenance Related	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0152/1923-0153/1923	Lining Method:
	Category:

Remark::

1:575	position	observation	grade
			0 FT // 00:00:26 0 FT // 00:00:41 5 FT // 00:1:10 10.2 FT // 00:01:38 52.1 FT // 00:02:45
	0.00	Manhole, within 8 inch: NO, Remarks: 1923-0152	
	0.00	Water Level, 5 %, within 8 inch: NO	M 2
	5.00	Water Mark, 20 %, within 8 inch: NO	M 2
	10.20	General Observation, within 8 inch: NO, Remarks: Pipe Joint Length 3'	
	52.10	Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	
	56.90	Water Mark, 30 %, within 8 inch: NO	M 2
	78.70	Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	
	78.70	Roots Fine Barrel, at 11 o'clock, within 8 inch: NO	M 2
	78.70	Crack Circumferential, from 8 to 4 o'clock, within 8 inch: NO, Remarks: Barrel	S 1
	120.00	Roots Fine Joint, at 10 o'clock, within 8 inch: YES	
	129.10	Fracture Multiple, from 8 to 4 o'clock, within 8 inch: YES	S 4
	130.50	Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	
	130.50	Fracture Circumferential, from 10 to 4 o'clock, within 8 inch: NO, Remarks: Barrel	S 2
	169.80	Water Mark, 15 %, within 8 inch: NO	M 2
	208.70	Crack Multiple, from 8 to 4 o'clock, within 8 inch: YES	S 3
	210.00	Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	
	248.00	Crack Multiple, from 8 to 4 o'clock, within 8 inch: YES	S 3
	249.50	Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	
	252.40	Water Level, 10 %, within 8 inch: NO	M 2
	254.00	Vermin Cockroach, within 8 inch: NO	M 1
	254.00	Manhole, within 8 inch: NO, Remarks: 1923-0153	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
4132	2611	13	13	26	2.6	1.86	2.17



Inspection report

Date: 20110628	P.O.#: Y0TV1011B	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 3207	PSR: 42888
Total Pipe Length: 341.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 06/27/2011	Pre-Cleaned: Jetting	Map Grid #:

Street: LOOMIS ST	Flow Control: Not Controlled	Start MH: 1923-0273
City: LAK	Year Renewed	End MH: 1923-0274
Location Code: Light Highway	Tape/Media #: G312-076	pipe length: 354 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0273/1923-0274/1923	Lining Method:
	Category:

Remark::

1:561	position	observation	grade
	1923		
			0 FT // 00:00:29
			0 FT // 00:00:39
			5 FT // 00:01:16
			13 FT // 00:01:48
			13 FT // 00:02:03
	1923-0273	Manhole, within 8 inch: NO, Remarks: 1923-0273	
	<u>0.00</u>		
	<u>0.00</u>	Water Level, 10 %, within 8 inch: NO	M 2
	<u>5.00</u>	Water Mark, 10 %, within 8 inch: NO	M 2
	<u>13.00</u>	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	<u>13.00</u>	Roots Fine Lateral, at 9 o'clock, within 8 inch: NO	M 1
	<u>50.60</u>	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	<u>54.90</u>	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	
	<u>68.80</u>	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	<u>90.30</u>	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	<u>99.00</u>	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	<u>135.50</u>	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	<u>163.10</u>	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	<u>215.90</u>	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	<u>217.50</u>	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	
	<u>217.50</u>	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	
	<u>223.40</u>	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	
	<u>224.30</u>	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	<u>236.40</u>	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	S 3
	<u>236.40</u> S 1	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, Start	



Inspection report

Date: 20110628	P.O.#: Y0TV1011B	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 3207	PSR: 42888
Total Pipe Length: 341.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 06/27/2011	Pre-Cleaned: Jetting	Map Grid #:

1:561	position	observation	grade
	<u>255.80</u>	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	<u>269.50</u>	Roots Medium Joint, from 7 to 5 o'clock, 30 %, within 8 inch: YES	
	<u>269.50</u>	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	S 3
	<u>270.40</u>	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	<u>270.40</u>	Roots Ball Lateral, at 9 o'clock, 55 %, within 8 inch: NO	M 4
	<u>270.40</u>	Roots Medium Connection, from 6 to 9 o'clock, 35 %, within 8 inch: NO	M 3
	<u>314.00</u>	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	<u>314.00</u>	Roots Tap Connection, from 3 to 6 o'clock, 15 %, within 8 inch: NO	M 2
	<u>314.50</u>	Deposits Attached Grease, from 2 to 4 o'clock, 10 %, within 8 inch: YES	M 2
	<u>334.30</u>	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	<u>336.90</u>	Fracture Multiple, from 7 to 5 o'clock, within 8 inch: YES	S 4
	<u>337.20</u>	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	<u>337.20</u>	Roots Ball Connection, from 2 to 6 o'clock, 55 %, within 8 inch: NO	M 4
	<u>350.70</u> F1	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, End	
	<u>354.00</u>	Water Level, 10 %, within 8 inch: NO	M 2
	<u>354.00</u>	Manhole, within 8 inch: NO, Remarks: 1923-0274	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
4132	4231	10	22	32	3.33	2.44	2.67



Inspection report

Date: 20110630	P.O.#: Y0TV1011B	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 3230	PSR: 42233
Total Pipe Length: 242.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 06/29/2011	Pre-Cleaned: Jetting	Map Grid #:

Street: WARWOOD RD	Flow Control: Not Controlled	Start MH: 1924-0136
City: LAK	Year Renewed	End MH: 1924-0137
Location Code: Light Highway	Tape/Media #: G312-078	pipe length: 251.7 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0136/1924-0137/1924	Lining Method:
	Category:

Remark::

1:575	position	observation	grade
			0 FT // 00:00:38 0 FT // 00:00:48 5 FT // 00:01:03 21.9 FT // 00:01:53 21.9 FT // 00:02:09
	1924		
	1924-0136	Manhole, within 8 inch: NO, Remarks: 1924-0136	
	0.00	Water Level, 10 %, within 8 inch: NO	M 2
	5.00	Water Mark, 10 %, within 8 inch: NO	M 2
	21.90	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	21.90	Vermin Cockroach, within 8 inch: NO	M 1
	27.80	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	73.90	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	76.60	Tap Factory Defective, at 3 o'clock, 6", within 8 inch: NO	M 2
	76.60	Crack Multiple, from 2 to 4 o'clock, within 8 inch: NO	S 3
	138.40	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	139.50	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	S 3
	150.20	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	180.70	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	205.40	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	241.90	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	243.30 S1	Fracture Multiple, from 7 to 5 o'clock, within 8 inch: YES, Start	S 4
	244.50	Tap Factory Defective, at 9 o'clock, 6", within 8 inch: NO	M 2
	245.10 F1	Fracture Multiple, from 7 to 5 o'clock, within 8 inch: YES, End	S 4
	251.70	Water Level, 10 %, within 8 inch: NO	M 2
	251.70	Vermin Cockroach, within 8 inch: NO	M 1
	1924-0137	Manhole, within 8 inch: NO, Remarks: 1924-0137	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
4232	2512	14	12	26	3.5	1.71	2.36



Inspection report

Date: 20110707	P.O.#:	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 3456	PSR: 43053
Total Pipe Length: 254.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 07/01/2011	Pre-Cleaned: Jetting	Map Grid #: 1923

Street: PIXIE AV	Flow Control: Not Controlled	Start MH: 1923-0090
City: LAK	Year Renewed	End MH: 1923-0109
Location Code: Light Highway	Tape/Media #: R311-085	pipe length: 255.6 ft

Reason for inspection: Maintenance Related	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0090/1923-0109/1923	Lining Method:
	Category:

Remark::

1:575	position	observation	grade
			0 FT // 00:00:24 0 FT // 00:00:36 5 FT // 00:01:04 10.6 FT // 00:01:46 10.6 FT // 00:01:46
	1923-0090	Manhole, within 8 inch: NO, Remarks: 1923-0090	
	0.00	Water Level, 5 %, within 8 inch: NO	M 2
	5.00	Water Mark, 10 %, within 8 inch: NO	M 2
	10.60	Crack Multiple, from 8 to 4 o'clock, within 8 inch: YES	S 3
	13.10	General Observation, within 8 inch: NO, Remarks: Pipe joint Length 3'	
	42.30	Tap Factory Active, at 2 o'clock, 6", within 8 inch: NO	
	56.90	Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	
	111.80	Tap Factory Active, at 2 o'clock, 6", within 8 inch: NO	
	114.10	Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	
	129.10	Tap Factory Active, at 2 o'clock, 6", within 8 inch: NO	
	173.10	Crack Circumferential, from 10 to 12 o'clock, within 8 inch: YES	S 1
	196.20	Tap Factory Active, at 2 o'clock, 6", within 8 inch: NO	
	200.50	Crack Longitudinal Hinge, 2, at 9 o'clock, 4", within 8 inch: NO	S 4
	203.30	Crack Multiple, from 8 to 10 o'clock, within 8 inch: YES	S 3
	253.70	Water Level, 5 %, within 8 inch: NO	M 2
	1923-0109	Manhole, within 8 inch: NO, Remarks: 1923-0109	
	255.60		

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
3211	2300	7	6	13	2.33	2	2.17



Inspection report

Date: 20110708	P.O.#:	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 3475	PSR: 42984
Total Pipe Length: 270.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 07/05/2011	Pre-Cleaned: Jetting	Map Grid #: 1923

Street: PARAMOUNT BV	Flow Control: Not Controlled	Start MH: 1923-0141
City: LAK	Year Renewed	End MH: 1923-0138
Location Code: Light Highway	Tape/Media #: R311-086	pipe length: 350.9 ft

Reason for inspection: Maintenance Related	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0138/1923-0141/1923	Lining Method:
	Category:

Remark::

1:800	position	observation	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1923-0141	0 FT // 00:00:31
	0.00	Water Level, within 8 inch: NO	0 FT // 00:00:46
	28.00	Tap Factory Capped, at 9 o'clock, 6", within 8 inch: NO	28 FT // 00:01:54
	37.70	Vermin Cockroach, within 8 inch: NO	37.7 FT // 00:02:26
	41.20	General Observation, within 8 inch: NO, Remarks: Pipe Joint Length 3'	
	53.30	Vermin Cockroach, within 8 inch: NO	M 1
	79.90	Vermin Cockroach, within 8 inch: NO	M 1
	79.90	Tap Factory Capped, at 9 o'clock, 6", within 8 inch: NO	
	90.10	Fracture Multiple, from 11 to 6 o'clock, within 8 inch: YES	S 4
	111.90	Crack Multiple, from 10 to 4 o'clock, within 8 inch: YES	S 3
	128.90	Tap Factory Capped, at 10 o'clock, 6", within 8 inch: NO	
	142.20	Vermin Cockroach, within 8 inch: NO	M 1
	176.50	Crack Multiple, from 11 to 5 o'clock, within 8 inch: YES	S 3
	181.10	Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	
	182.50	Water Level, 5 %, within 8 inch: NO	M 2
	184.90	Water Mark, 10 %, within 8 inch: NO	M 2
	190.80	Vermin Cockroach, within 8 inch: NO	M 1
	233.20	Tap Factory Capped, at 10 o'clock, 6", within 8 inch: NO	
	235.50	Tap Break-in Active, at 9 o'clock, 6", within 8 inch: NO	
	278.10	Crack Longitudinal, at 9 o'clock, within 8 inch: YES	S 2
	285.00	Tap Factory Capped, at 10 o'clock, 6", within 8 inch: NO	
	285.00	Vermin Cockroach, within 8 inch: NO	M 1
	349.10	Water Level, 5 %, within 8 inch: NO	M 2
	350.90	Vermin Cockroach, within 8 inch: NO	M 1
	350.90	Manhole, within 8 inch: NO, Remarks: 1923-0138	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
4132	2417	12	15	27	3	1.36	1.8



Inspection report

Date: 20110714	P.O.#: Y0TV1011B	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 3567	PSR: 42995
Total Pipe Length: 302.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 07/13/2011	Pre-Cleaned: Heavy Cleaning	Map Grid #:

Street: PARAMOUNT BV	Flow Control: Not Controlled	Start MH: 1923-0235
City: LAK	Year Renewed:	End MH: 1923-0148
Location Code: Main Highway - Suburban/Rural	Tape/Media #: G312-086	pipe length: 336.6 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 12"/12"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0148/1923-0235/1923	Lining Method:
	Category:

Remark::

1:750	position	observation	grade
			0 FT // 00:00:48 0 FT // 00:01:00 10 FT // 00:01:38 38.7 FT // 00:02:44 38.7 FT // 00:02:44
	1923		
	1923-0235	Manhole, within 8 inch: NO, Remarks: 1923-0235	
	0.00		
	0.00	Water Level, 15 %, within 8 inch: NO	M 2
	10.00	Water Mark, 10 %, within 8 inch: NO	M 2
	38.70	Fracture Multiple, from 7 to 5 o'clock, within 8 inch: YES	S 4
	88.80	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	S 3
	185.90	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	238.40	Tap Factory Capped, at 9 o'clock, 6", within 8 inch: NO	
	286.60	Tap Factory Capped, at 9 o'clock, 6", within 8 inch: NO	
	321.20	Crack Circumferential, from 2 to 5 o'clock, within 8 inch: YES	S 1
	321.20	Joint Offset Medium, within 8 inch: YES	S 1
	325.50	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	S 3
	331.10	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	336.60	Water Level, 15 %, within 8 inch: NO	M 2
	1923-0148	Manhole, within 8 inch: NO, Remarks: 1923-0148	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
4132	2300	12	6	18	2.4	2	2.25



Inspection report

Date: 20110609	P.O.#:	Weather: Dry	Surveyed By: Martin Garcia	section number: 2725	PSR: 42661
Total Pipe Length: 330.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 06/08/2011	Pre-Cleaned: Jetting	Map Grid #: 0

Street: VERDURA AV	Flow Control: Not Controlled	Start MH: 1923-0406
City: LAK	Year Renewed	End MH: 1923-0407
Location Code: Light Highway	Tape/Media #: M317-054	pipe length: 352.3 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0406/1923-0407/1923	Lining Method:
	Category:

Remark::

1:594	position	observation	grade
	0		
			0 FT // 00:00:23
			0 FT // 00:00:30
			0 FT // 00:00:46
			35 FT // 00:02:07
			45.6 FT // 00:02:58
	1923-0406	Manhole, within 8 inch: NO, Remarks: 1923-0406	
	0.00		
	0.00	Vermin Cockroach, within 8 inch: NO	M 1
	0.00	Water Level, 10 %, within 8 inch: NO	M 2
	35.00	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	45.60	Fracture Multiple, from 7 to 5 o'clock, within 8 inch: YES	S 4
	46.70	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	70.70	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	82.70	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	128.00	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	131.50	Water Mark, 25 %, within 8 inch: NO	M 2
	161.20	Tap Factory Defective, at 3 o'clock, 6", within 8 inch: NO	M 2
	161.20	Crack Circumferential, from 5 to 9 o'clock, within 8 inch: NO, Remarks: IN LATERAL	S 1
	161.20	Crack Circumferential, from 12 to 3 o'clock, within 8 inch: NO	S 1
	172.90	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	192.80	Crack Multiple, from 9 to 3 o'clock, within 8 inch: YES	S 3
	193.90	Tap Factory Defective, at 3 o'clock, 6", within 8 inch: NO	M 2
	193.90	Crack Circumferential, from 5 to 11 o'clock, within 8 inch: NO, Remarks: IN LATERAL	S 1
	193.90	Crack Longitudinal, at 12 o'clock, within 8 inch: NO	S 2
	224.40	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	245.10	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	



Inspection report

Date: 20110609	P.O.#:	Weather: Dry	Surveyed By: Martin Garcia	section number: 2725	PSR: 42661
Total Pipe Length: 330.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 06/08/2011	Pre-Cleaned: Jetting	Map Grid #: 0

1:594	position	observation	grade
	<u>268.10</u>	Crack Circumferential, from 9 to 3 o'clock, within 8 inch: YES	S 1
	<u>268.90</u>	Tap Factory Defective, at 3 o'clock, 6", within 8 inch: NO	M 2
	<u>268.90</u>	Crack Circumferential, from 5 to 10 o'clock, within 8 inch: NO, Remarks: IN LATERAL	S 1
	<u>280.90</u>	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	<u>332.60</u>	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	<u>332.60</u>	Tap Factory Defective, at 9 o'clock, 6", within 8 inch: NO	M 2
	<u>332.60</u>	Crack Circumferential, from 10 to 8 o'clock, within 8 inch: NO, Remarks: IN LATERAL	S 1
	<u>346.20</u>	Crack Circumferential, from 9 to 2 o'clock, within 8 inch: YES	S 1
	<u>347.60</u>	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	<u>352.00</u>	Water Level, 10 %, within 8 inch: NO	M 2
	<u>352.30</u>	Vermin Cockroach, within 8 inch: NO	M 1
	<u>352.30</u>	Manhole, within 8 inch: NO, Remarks: 1923-0407	

10

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
4131	2712	16	16	32	1.6	1.78	1.68



Inspection report

Date: 20110616	P.O.#: Y0TV1011B	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 2914	PSR: 42785
Total Pipe Length: 347.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 06/15/2011	Pre-Cleaned: Jetting	Map Grid #:

Street: CENTRALIA ST	Flow Control: Not Controlled	Start MH: 1923-0293
City: LAK	Year Renewed	End MH: 1923-0294
Location Code: Light Highway	Tape/Media #: G312-071	pipe length: 354.2 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0293/1923-0294/1923	Lining Method:
	Category:

Remark::

1:800	position	observation	grade
	1923		
	0.00	Manhole, within 8 inch: NO, Remarks: 1923-0293	0 FT // 00:00:30
	<u>0.00</u>	Water Level, 10 %, within 8 inch: NO	0 FT // 00:00:41
	<u>0.00</u>	Water Mark, 10 %, within 8 inch: NO	0 FT // 00:00:49
	28.30	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	0 FT // 00:00:49
	37.10	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	28.3 FT // 00:01:44
	61.30	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	<u>100.60</u>	Tap Factory Defective, at 9 o'clock, 6", 2, within 8 inch: NO	M 2
	<u>100.60</u>	Broken, from 7 to 9 o'clock, within 8 inch: NO	S 4
	124.70	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	<u>124.70</u>	Roots Medium Lateral, at 3 o'clock, 25 %, within 8 inch: NO	M 3
	148.60	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	163.50	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	<u>163.50</u>	Roots Fine Lateral, at 3 o'clock, within 8 inch: NO	M 1
	202.80	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	204.00	Roots Fine Joint, from 1 to 5 o'clock, within 8 inch: YES	
	<u>222.20</u>	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	S 3
	222.20	Roots Fine Joint, from 2 to 5 o'clock, within 8 inch: YES	
	223.50	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	<u>223.50</u>	Roots Fine Lateral, at 9 o'clock, within 8 inch: NO	M 1
	229.00	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	283.70	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	304.60	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	325.70	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	<u>354.20</u>	Water Level, 10 %, within 8 inch: NO	M 2
	354.20	Manhole, within 8 inch: NO, Remarks: 1923-0294	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
4131	3124	7	13	20	3.5	1.86	2.22



Inspection report

Date: 20110622	P.O.#:	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 2991	PSR: 42912
Total Pipe Length: 339.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 06/20/2011	Pre-Cleaned: Jetting	Map Grid #: 1923

Street: DASHWOOD ST	Flow Control: Not Controlled	Start MH: 1923-0182
City: LAK	Year Renewed	End MH: 1923-0183
Location Code: Light Highway	Tape/Media #: R311-078	pipe length: 274.2 ft

Reason for inspection: Maintenance Related	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0182/1923-0183/1923	Lining Method:
	Category:

Remark::

1:330	position	observation	grade
			0 FT // 00:00:25 0 FT // 00:00:39 5 FT // 00:01:51 7.4 FT // 00:02:13 11.5 FT // 00:02:46
	1923-0182	Manhole, within 8 inch: NO, Remarks: 1923-0182	
	<u>0.00</u>	Water Level, 5 %, within 8 inch: NO	M 2
	<u>5.00</u>	Water Mark, 10 %, within 8 inch: NO	M 2
	<u>7.40</u>	Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	
	<u>11.50</u>	General Observation, within 8 inch: NO, Remarks: Pipe joint Length 3'	
	<u>30.00</u>	Crack Circumferential, from 12 to 5 o'clock, within 8 inch: YES	S 1
	<u>34.60</u>	Tap Factory Active, at 2 o'clock, 6", within 8 inch: NO	
	<u>34.60</u>	Roots Ball Lateral, at 2 o'clock, 85 %, within 8 inch: NO	M 4
	<u>43.20</u>	Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	
	<u>78.20</u>	Crack Circumferential, from 8 to 11 o'clock, within 8 inch: YES	S 1
	<u>78.20</u>	Roots Fine Joint, at 8 o'clock, within 8 inch: YES	
	<u>81.30</u>	Crack Circumferential, from 9 to 12 o'clock, within 8 inch: YES	S 1
	<u>82.80</u>	Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	
	<u>82.80</u>	Roots Fine Lateral, at 10 o'clock, within 8 inch: NO	M 1
	<u>90.00</u>	Roots Fine Joint, from 8 to 4 o'clock, within 8 inch: YES	
	<u>90.00</u>	Fracture Multiple, from 7 to 3 o'clock, within 8 inch: YES	S 4
	<u>91.40</u>	Tap Factory Active, at 2 o'clock, 6", within 8 inch: NO	
	<u>91.40</u>	Roots Ball Lateral, at 2 o'clock, 75 %, within 8 inch: NO	M 4
	<u>91.40</u>	Roots Medium Connection, at 2 o'clock, 20 %, within 8 inch: NO	M 3
	<u>92.80</u>	Roots Fine Joint, from 2 to 8 o'clock, within 8 inch: YES	
	<u>92.80</u>	Crack Circumferential, from 8 to 11 o'clock, within 8 inch: YES	S 1
	<u>108.00</u>	Crack Circumferential, from 8 to 10 o'clock, within 8 inch: YES	S 1
	<u>114.00</u>	Crack Multiple, from 8 to 12 o'clock, within 8 inch: YES	S 3
	<u>115.50</u>	Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	



Inspection report

Date: 20110622	P.O.#:	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 2991	PSR: 42912
Total Pipe Length: 339.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 06/20/2011	Pre-Cleaned: Jetting	Map Grid #: 1923

1:330	position	observation	grade
	155.20	Tap Factory Active, at 2 o'clock, 6", within 8 inch: NO	
	182.40	Tap Factory Active, at 2 o'clock, 6", within 8 inch: NO	
	195.60	Roots Fine Joint, from 10 to 1 o'clock, within 8 inch: YES	
	196.80	Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	
	196.80	Crack Circumferential, from 8 to 11 o'clock, within 8 inch: NO, Remarks: Lateral	S 1
	196.80	Roots Fine Connection, at 10 o'clock, within 8 inch: NO	M 1
	233.30	Tap Factory Active, at 2 o'clock, 6", within 8 inch: NO	
	266.50	Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	
	272.40	Water Level, 5 %, within 8 inch: NO	M 2
	274.20	Manhole, within 8 inch: NO, Remarks: 1923-0183	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
4131	4231	13	19	32	1.63	2.38	2



Inspection report

Date: 20110622	P.O.#:	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 2992	PSR: 43003
Total Pipe Length: 106.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 06/20/2011	Pre-Cleaned: Jetting	Map Grid #: 1923

Street: DASHWOOD ST	Flow Control: Not Controlled	Start MH: 1923-0183
City: LAK	Year Renewed	End MH: 1923-0153
Location Code: Light Highway	Tape/Media #: R311-078	pipe length: 136.3 ft

Reason for inspection: Maintenance Related	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0153/1923-0183/1923	Lining Method:
	Category:

Remark::

1:325	position	observation	grade
			0 FT // 00:00:28 0 FT // 00:00:53 5.2 FT // 00:01:10 9.9 FT // 00:01:31 14.2 FT // 00:02:05
	1923-0183	Manhole, within 8 inch: NO, Remarks: 1923-0183	
	0.00	Water Level, 5 %, within 8 inch: NO	M 2
	5.20	Water Mark, 10 %, within 8 inch: NO	M 2
	9.90	Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	
	14.20	General Observation, within 8 inch: NO, Remarks: Pipe Joint Length 3'	
	35.70	Crack Multiple, from 1 to 4 o'clock, within 8 inch: YES	S 3
	37.20	Tap Factory Active, at 2 o'clock, 6", within 8 inch: NO	
	37.20	Roots Medium Lateral, at 2 o'clock, 15 %, within 8 inch: NO	M 3
	37.40	Crack Circumferential, from 9 to 1 o'clock, within 8 inch: NO	S 1
	37.40	Roots Fine Connection, at 2 o'clock, within 8 inch: NO	M 1
	46.00	Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	
	47.40	Fracture Multiple, from 7 to 3 o'clock, within 8 inch: YES	S 4
	48.40	Tap Factory Active, at 2 o'clock, 6", within 8 inch: NO	
	134.00	Water Level, 5 %, within 8 inch: NO	M 2
	1923-0153	Manhole, within 8 inch: NO, Remarks: 1923-0153	
	136.30		

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
4131	3123	8	10	18	2.67	2	2.25



Inspection report

Date: 20110629	P.O.#:	Weather: Dry	Surveyed By: Martin Garcia	section number: 3177	PSR: 42328
Total Pipe Length: 344.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 06/28/2011	Pre-Cleaned: Jetting	Map Grid #: 0

Street: LEVELSIDE AV	Flow Control: Not Controlled	Start MH: 1924-0108
City: LAK	Year Renewed:	End MH: 1924-0109
Location Code: Light Highway	Tape/Media #: M317-065	pipe length: 302.9 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0108/1924-0109/1924	Lining Method:
	Category:

Remark::

1:675	position	observation	grade
0			
	0.00	Manhole, within 8 inch: NO, Remarks: 1924-0108	0 FT // 00:00:24
	0.00	Vermin Cockroach, within 8 inch: NO	0 FT // 00:00:31
	0.00	Water Level, 15 %, within 8 inch: NO	0 FT // 00:00:44
	0.00		49.8 FT // 00:02:23
	0.00		49.8 FT // 00:02:33
	49.80	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	49.80	Vermin Cockroach, within 8 inch: NO	M 1
	52.40	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	84.80	Crack Longitudinal, at 1 o'clock, within 8 inch: YES	S 2
	84.80	Crack Longitudinal, at 9 o'clock, within 8 inch: YES	S 2
	113.40	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	116.10	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	117.30	Crack Longitudinal, at 2 o'clock, within 8 inch: YES	S 2
	134.60	Fracture Multiple, from 8 to 4 o'clock, within 8 inch: YES	S 4
	177.20	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	177.20	Vermin Cockroach, within 8 inch: NO	M 1
	179.70	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	229.40	Crack Multiple, from 1 to 7 o'clock, within 8 inch: YES	S 3
	236.30	Crack Circumferential, from 9 to 3 o'clock, within 8 inch: YES	S 1
	244.50	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	244.50	Vermin Cockroach, within 8 inch: NO	M 1
	247.00	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	247.00	Vermin Cockroach, within 8 inch: NO	M 1
	297.70	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	298.60	Water Level, 10 %, within 8 inch: NO	M 2
	302.90	Vermin Cockroach, within 8 inch: NO	M 1
	302.90	Manhole, within 8 inch: NO, Remarks: 1924-0109	

6

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
4131	2216	14	10	24	2.33	1.25	1.71



Inspection report

Date: 20110630	P.O.#:	Weather: Dry	Surveyed By: Martin Garcia	section number: 3190	PSR: 42799
Total Pipe Length: 352.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 06/29/2011	Pre-Cleaned: Jetting	Map Grid #: 0

Street: CLUBHOUSE DR	Flow Control: Not Controlled	Start MH: 1923-0311
City: LAK	Year Renewed	End MH: 1923-0310
Location Code: Light Highway	Tape/Media #: M317-066	pipe length: 334.2 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0310/1923-0311/1923	Lining Method:
	Category:

Remark::

1:660	position	observation	grade
	7		
			0 FT // 00:00:17
			0 FT // 00:01:14
			5 FT // 00:01:52
			11.4 FT // 00:02:12
			55.2 FT // 00:03:49
	1923-0311	Manhole, within 8 inch: NO, Remarks: 1923-0311	
	0.00		
	0.00	Water Level, 10 %, within 8 inch: NO	M 2
	5.00	Water Mark, 15 %, within 8 inch: NO	M 2
	11.40	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	55.20	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	60.90	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	77.40	Water Level, 5 %, within 8 inch: NO	M 2
	118.10	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	120.60	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	184.60	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	187.30	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	188.40	Crack Circumferential, from 10 to 2 o'clock, within 8 inch: YES	S 1
	188.40	Roots Fine Joint, from 10 to 11 o'clock, within 8 inch: YES	
	205.40	Crack Circumferential, from 3 to 9 o'clock, within 8 inch: YES	S 1
	205.40	Roots Fine Joint, from 3 to 9 o'clock, within 8 inch: YES	
	229.30	Fracture Multiple, from 7 to 5 o'clock, within 8 inch: YES	S 4
	229.30	Roots Fine Joint, from 3 to 5 o'clock, within 8 inch: YES	
	243.20	Roots Medium Joint, from 1 to 5 o'clock, 15 %, within 8 inch: YES	
	244.40	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	253.80	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	254.90	Roots Fine Joint, from 10 to 1 o'clock, within 8 inch: YES	
	258.50	Roots Fine Joint, from 2 to 3 o'clock, within 8 inch: YES	



Inspection report

Date: 20110630	P.O.#:	Weather: Dry	Surveyed By: Martin Garcia	section number: 3190	PSR: 42799
Total Pipe Length: 352.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 06/29/2011	Pre-Cleaned: Jetting	Map Grid #: 0

1:660	position	observation	grade
		Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO Roots Fine Lateral, at 3 o'clock, within 8 inch: NO Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES Manhole, within 8 inch: NO, Remarks: 1923-0310	M 1 S 3
4			

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
4131	2311	9	7	16	2.25	1.75	2



Inspection report

Date: 20110615	P.O.#: Y0TV1011B	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 3322	PSR: 42986
Total Pipe Length: 306.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 06/10/2011	Pre-Cleaned: Jetting	Map Grid #: 1923

Street: LEVELSIDE AV	Flow Control: Not Controlled	Start MH: 1923-0139
City: LAK	Year Renewed	End MH: 1923-0159
Location Code: Light Highway	Tape/Media #: R313-073	pipe length: 301.8 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0139/1923-0159/1923	Lining Method:
	Category:

Remark::

1:675	position	observation	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1923-0139	0 FT // 00:00:31
	<u>0.00</u>	Water Level, within 8 inch: NO	0 FT // 00:00:51
	4.00	Tap Factory Active, at 2 o'clock, 6", within 8 inch: NO	4 FT // 00:01:18
	6.10	Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	6.1 FT // 00:02:03
	<u>10.20</u>	Water Level, 5 %, within 8 inch: NO	10.2 FT // 00:02:24
	<u>13.80</u>	Water Mark, 5 %, within 8 inch: NO	
	29.00	General Observation, within 8 inch: NO, Remarks: Pipe Joint Length 3'	
	39.80	Tap Factory Active, at 2 o'clock, 6", within 8 inch: NO	
	42.40	Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	
	<u>83.50</u>	Fracture Circumferential, from 12 to 12 o'clock, within 8 inch: YES	S 2
	84.80	Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	
	96.80	Tap Factory Active, at 2 o'clock, 6", within 8 inch: NO	
	117.80	Tap Factory Active, at 2 o'clock, 6", within 8 inch: NO	
	<u>117.80</u>	Crack Multiple, from 8 to 4 o'clock, within 8 inch: NO	S 3
	138.90	Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	
	149.50	Roots Fine Joint, at 3 o'clock, within 8 inch: YES	
	172.90	Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	
	200.10	Tap Factory Active, at 2 o'clock, 6", within 8 inch: NO	
	<u>241.80</u>	Fracture Multiple, from 8 to 4 o'clock, within 8 inch: YES	S 4
	243.30	Tap Factory Active, at 2 o'clock, 6", within 8 inch: NO	
	245.70	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	270.10	Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	
	291.20	Tap Factory Active, at 2 o'clock, 6", within 8 inch: NO	
	<u>299.20</u>	Water Level, 5 %, within 8 inch: NO	M 2
	301.80	Manhole, within 8 inch: NO, Remarks: 1923-0159	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
4131	2400	9	8	17	3	2	2.43



Inspection report

Date: 20110610	P.O.#:	Weather: Dry	Surveyed By: Martin Garcia	section number: 3053	PSR: 42421
Total Pipe Length: 55.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 06/09/2011	Pre-Cleaned: Jetting	Map Grid #: 0

Street: FACULTY AV	Flow Control: Not Controlled	Start MH: 1923-0651
City: LAK	Year Renewed	End MH: 1923-0652
Location Code: Light Highway	Tape/Media #: M317-055	pipe length: 217.8 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0651/1923-0652/1923	Lining Method:
	Category:

Remark::

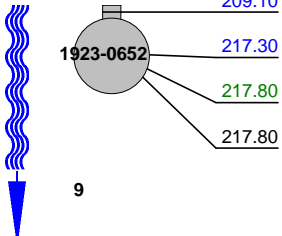
1:462	position	observation	grade
	0		
			0 FT // 00:00:31 0 FT // 00:00:41 0 FT // 00:00:54 6 FT // 00:01:15 8.2 FT // 00:01:46
	0.00	Manhole, within 8 inch: NO, Remarks: 1923-0651	
	0.00	Vermin Cockroach, within 8 inch: NO	M 1
	0.00	Water Level, 10 %, within 8 inch: NO	M 2
	6.00	Water Mark, 30 %, within 8 inch: NO	M 2
	8.20	Fracture Multiple, from 2 to 10 o'clock, within 8 inch: YES	S 4
	24.90	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	26.10	Crack Circumferential, from 6 to 11 o'clock, within 8 inch: YES	S 1
	70.30	Crack Longitudinal, at 8 o'clock, within 8 inch: YES	S 2
	75.30	Manhole, within 8 inch: NO, Remarks: 1923-0651A EXTRA MANHOLE.	
	75.30	Vermin Cockroach, within 8 inch: NO	M 1
	75.30	General Observation, within 8 inch: NO, Remarks: THIS IS AN EXTRA MANHOLE	
	81.40	Tap Factory Capped, at 9 o'clock, 6", within 8 inch: NO	
	81.40	Vermin Cockroach, within 8 inch: NO	M 1
	126.30	Tap Factory Capped, at 10 o'clock, 6", within 8 inch: NO	
	126.30	Vermin Cockroach, within 8 inch: NO	M 1
	127.40	Crack Circumferential, from 7 to 9 o'clock, within 8 inch: YES	S 1
	143.90	Crack Longitudinal, at 2 o'clock, within 8 inch: YES	S 2
	149.40	Crack Longitudinal, at 3 o'clock, within 8 inch: YES	S 2
	176.10	Tap Factory Capped, at 9 o'clock, 6", within 8 inch: NO	
	176.10	Vermin Cockroach, within 8 inch: NO	M 1
	180.40	Crack Circumferential, from 6 to 12 o'clock, within 8 inch: YES	S 1
	186.90	Crack Circumferential, from 2 to 3 o'clock, within 8 inch: YES	S 1



Inspection report

Date: 20110610	P.O.#:	Weather: Dry	Surveyed By: Martin Garcia	section number: 3053	PSR: 42421
Total Pipe Length: 55.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 06/09/2011	Pre-Cleaned: Jetting	Map Grid #: 0

1:462	position	observation	grade
	<u>209.10</u>	Crack Longitudinal, at 9 o'clock, within 8 inch: YES	S 2
	<u>217.30</u>	Water Level, 20 %, within 8 inch: NO	M 2
	<u>217.80</u>	Vermin Cockroach, within 8 inch: NO	M 1
	<u>217.80</u>	Manhole, within 8 inch: NO, Remarks: 1923-0652	
9			



QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
4124	2316	16	12	28	1.78	1.33	1.56



Inspection report

Date: 20110602	P.O.#:	Weather: Dry	Surveyed By: Martin Garcia	section number: 2659	PSR: 35626
Total Pipe Length: 319.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 06/01/2011	Pre-Cleaned: Jetting	Map Grid #: 0

Street: AUTRY AV	Flow Control: Not Controlled	Start MH: 1977-0202
City: LAK	Year Renewed	End MH: 1977-0203
Location Code: Light Highway	Tape/Media #: M317-049	pipe length: 250.8 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0202/1977-0203/1977	Lining Method:
	Category:

Remark::

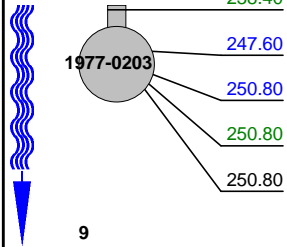
1:528	position	observation	grade
			0 FT // 00:00:24 0 FT // 00:00:34 4.7 FT // 00:01:01 4.7 FT // 00:01:30 7.2 FT // 00:01:53
2			
	0.00	Manhole, within 8 inch: NO, Remarks: 1977-0202	
	0.00	Water Level, 15 %, within 8 inch: NO	M 2
	4.70	Tap Factory Capped, at 3 o'clock, 6", within 8 inch: NO	
	4.70	Crack Longitudinal, at 3 o'clock, within 8 inch: NO, Remarks: in lateral	S 2
	7.20	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	7.20	Water Mark, 20 %, within 8 inch: NO	M 2
	10.80	Crack Circumferential, from 7 to 5 o'clock, within 8 inch: YES	S 1
	10.80	Roots Fine Joint, from 3 to 4 o'clock, within 8 inch: YES	
	22.90	Crack Circumferential, from 10 to 2 o'clock, within 8 inch: YES	S 1
	22.90	Roots Fine Joint, from 12 to 3 o'clock, within 8 inch: YES	
	24.20	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	57.20	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	77.80	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	82.10	Crack Longitudinal, at 10 o'clock, within 8 inch: YES	S 2
	89.50	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	107.20	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	137.10	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	153.80	Crack Circumferential, from 6 to 8 o'clock, within 8 inch: YES	S 1
	178.60	Fracture Multiple, from 10 to 5 o'clock, within 8 inch: YES	S 4
	179.70	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	180.90	Crack Circumferential, from 2 to 5 o'clock, within 8 inch: YES	S 1
	200.90	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	230.90	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	



Inspection report

Date: 20110602	P.O.#:	Weather: Dry	Surveyed By: Martin Garcia	section number: 2659	PSR: 35626
Total Pipe Length: 319.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 06/01/2011	Pre-Cleaned: Jetting	Map Grid #: 0

1:528	position	observation	grade
	<u>238.40</u>	Crack Circumferential, from 8 to 4 o'clock, within 8 inch: YES	S 1
	<u>247.60</u>	Crack Longitudinal, at 12 o'clock, within 8 inch: YES	S 2
	<u>250.80</u>	Water Level, 25 %, within 8 inch: NO	M 2
	<u>250.80</u>	Vermin Cockroach, within 8 inch: NO	M 1
	<u>250.80</u>	Manhole, within 8 inch: NO, Remarks: 1977-0203	



9

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
4123	2311	15	7	22	1.67	1.75	1.69



Inspection report

Date: 20110609	P.O.#:	Weather: Dry	Surveyed By: Martin Garcia	section number: 2727	PSR: 42663
Total Pipe Length: 330.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 06/08/2011	Pre-Cleaned: Jetting	Map Grid #: 0

Street: VERDURA AV	Flow Control: Not Controlled	Start MH: 1923-0408
City: LAK	Year Renewed	End MH: 1923-0409
Location Code: Light Highway	Tape/Media #: M317-054	pipe length: 353 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0408/1923-0409/1923	Lining Method:
	Category:

Remark::

1:726	position	observation	grade
	0		
			0 FT // 00:00:22
			0 FT // 00:00:33
			0 FT // 00:00:47
			19.5 FT // 00:01:56
			19.5 FT // 00:01:56
	1923-0408	Manhole, within 8 inch: NO, Remarks: 1923-0408	
	<u>0.00</u>	Vermin Cockroach, within 8 inch: NO	M 1
	<u>0.00</u>	Water Level, 10 %, within 8 inch: NO	M 2
	<u>19.50</u>	Fracture Multiple, from 7 to 11 o'clock, within 8 inch: YES	S 4
	<u>20.90</u>	Tap Factory Defective, at 9 o'clock, 6", within 8 inch: NO	M 2
	<u>20.90</u>	Fracture Circumferential, from 6 to 6 o'clock, within 8 inch: NO, Remarks: IN LATERAL	S 2
	<u>20.90</u>	Fracture Circumferential, from 12 to 5 o'clock, within 8 inch: NO	S 2
	<u>42.00</u>	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	<u>80.20</u>	Water Level, 15 %, within 8 inch: NO	M 2
	<u>86.20</u>	Crack Circumferential, from 12 to 2 o'clock, within 8 inch: YES	S 1
	<u>87.30</u>	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	<u>102.00</u>	Tap Factory Defective, at 9 o'clock, 6", within 8 inch: NO	M 2
	<u>102.00</u>	Crack Circumferential, from 10 to 8 o'clock, within 8 inch: NO, Remarks: IN LATERAL	S 1
	<u>122.00</u>	Crack Circumferential, from 1 to 4 o'clock, within 8 inch: YES	S 1
	<u>123.00</u>	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	<u>254.80</u>	Tap Factory Defective, at 9 o'clock, 6", within 8 inch: NO	M 2
	<u>254.80</u>	Crack Circumferential, from 6 to 6 o'clock, within 8 inch: NO, Remarks: IN LATERAL	S 1
	<u>279.10</u>	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	<u>279.10</u>	Tap Factory Defective, at 9 o'clock, 6", within 8 inch: NO	M 2
	<u>279.10</u>	Crack Circumferential, from 6 to 6 o'clock, within 8 inch: NO, Remarks: IN LATERAL	S 1
	<u>293.90</u>	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	



Inspection report

Date: 20110609	P.O.#:	Weather: Dry	Surveyed By: Martin Garcia	section number: 2727	PSR: 42663
Total Pipe Length: 330.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 06/08/2011	Pre-Cleaned: Jetting	Map Grid #: 0

1:726	position	observation	grade
	333.40	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	338.90	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	351.40	Water Level, 15 %, within 8 inch: NO	M 2
	353.00	Vermin Cockroach, within 8 inch: NO	M 1
	353.00	Manhole, within 8 inch: NO, Remarks: 1923-0409	
8			

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
4122	2712	13	16	29	1.63	1.78	1.71



Inspection report

Date: 20110607	P.O.#: Y0TV1011B	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 2835	PSR: 42578
Total Pipe Length: 305.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 06/06/2011	Pre-Cleaned: Jetting	Map Grid #:

Street: PIMENTA AV	Flow Control: Not Controlled	Start MH: 1923-0558
City: LAK	Year Renewed:	End MH: 1923-0559
Location Code: Light Highway	Tape/Media #: G312-064	pipe length: 302.5 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0558/1923-0559/1923	Lining Method:
	Category:

Remark::

1:675	position	observation	grade
			0 FT // 00:00:33 0 FT // 00:00:50 3.5 FT // 00:01:17 3.5 FT // 00:01:17 3.5 FT // 00:01:34
	1923		
	1923-0558	Manhole, within 8 inch: NO, Remarks: 1923-0558	
	0.00	Water Level, 10 %, within 8 inch: NO	M 2
	0.00	Tap Factory Defective, at 9 o'clock, 6", within 8 inch: NO	M 2
	3.50	Vermin Rat, 4", within 8 inch: NO	M 2
	3.50	Fracture Multiple, from 8 to 10 o'clock, within 8 inch: NO	S 4
	5.00	Water Mark, 10 %, within 8 inch: NO	M 2
	5.00	Crack Longitudinal, at 3 o'clock, within 8 inch: YES	S 2
	13.00	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	44.60	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	49.70	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	114.80	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	117.60	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	140.60	Crack Longitudinal, at 9 o'clock, within 8 inch: YES	S 2
	166.80	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	172.20	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	221.40	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	227.50	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	302.50	Water Level, 10 %, within 8 inch: NO	M 2
	1923-0559	Manhole, within 8 inch: NO, Remarks: 1923-0559	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
4122	2500	8	10	18	2.67	2	2.25



Inspection report

Date: 20110705	P.O.#: Y0TV1011B	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 3248	PSR: 42300
Total Pipe Length: 250.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 07/01/2011	Pre-Cleaned: Jetting	Map Grid #:

Street: EASEMENT	Flow Control: Not Controlled	Start MH: 1924-0087
City: LAK	Year Renewed	End MH: 1924-0089
Location Code: Parking Lot	Tape/Media #: G312-079	pipe length: 254.2 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0087/1924-0089/1924	Lining Method:
	Category:

Remark::

1:575	position	observation	grade
1924			
			0 FT // 00:00:27
			0 FT // 00:00:34
			0 FT // 00:00:43
			4 FT // 00:01:18
			6 FT // 00:01:55
	0.00	Manhole, within 8 inch: NO, Remarks: 1924-0087	
	0.00	Vermin Cockroach, within 8 inch: NO	M 1
	0.00	Water Level, 5 %, within 8 inch: NO	M 2
	4.00	Tap Factory Capped, at 3 o'clock, 4", within 8 inch: NO	
	6.00	Water Mark, 10 %, within 8 inch: NO	M 2
	6.00	Deposits Attached Grease, from 4 to 8 o'clock, 10 %, within 8 inch: NO	M 2
	43.30	Tap Factory Active, at 3 o'clock, 4", within 8 inch: NO	
	49.20	Tap Factory Capped, at 3 o'clock, 4", within 8 inch: NO	
	51.60	Tap Factory Capped, at 9 o'clock, 4", within 8 inch: NO	
	97.50	Tap Factory Capped, at 3 o'clock, 4", within 8 inch: NO	
	100.00	Tap Factory Capped, at 9 o'clock, 4", within 8 inch: NO	
	122.40	Joint Offset Large, within 8 inch: YES	S 2
	124.20 S1	Water Level Sag, 30 %, within 8 inch: NO, Start	M 2
	125.10	Joint Offset Medium, within 8 inch: YES	S 1
	126.40	Tap Factory Active, at 3 o'clock, 4", within 8 inch: NO	
	127.90 F1	Water Level Sag, 30 %, within 8 inch: NO, End	M 2
	127.90	Water Level, 10 %, within 8 inch: NO	M 2
	149.80	Tap Factory Capped, at 9 o'clock, 4", within 8 inch: NO	
	152.50	Tap Factory Active, at 3 o'clock, 4", within 8 inch: NO	
	202.40	Tap Factory Capped, at 3 o'clock, 4", within 8 inch: NO	
	204.90	Tap Factory Capped, at 9 o'clock, 4", within 8 inch: NO	
	204.90	Fracture Multiple, from 7 to 6 o'clock, within 8 inch: NO	S 4
	254.20	Water Level, 10 %, within 8 inch: NO	M 2
	254.20	Manhole, within 8 inch: NO, Remarks: 1924-0089	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
4121	2711	7	15	22	2.33	1.88	2



Inspection report

Date: 20110531	P.O.#:	Weather: Dry	Surveyed By: Martin Garcia	section number: 2649	PSR: 35631
Total Pipe Length: 302.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 05/27/2011	Pre-Cleaned: Jetting	Map Grid #: 0

Street: MONTAIR AV	Flow Control: Not Controlled	Start MH: 1977-0206
City: LAK	Year Renewed	End MH: 1977-0207
Location Code: Light Highway	Tape/Media #: M317-048	pipe length: 348 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0206/1977-0207/1977	Lining Method:
	Category:

Remark::

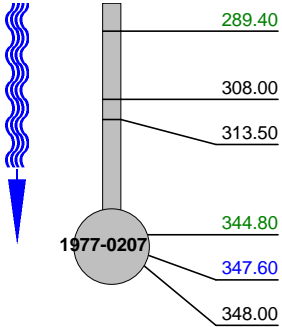
1:627	position	observation	grade
	5		
			0 FT // 00:00:28
			0 FT // 00:00:34
			0 FT // 00:00:44
			4.8 FT // 00:01:26
			4.8 FT // 00:01:26
	1977-0206	Manhole, within 8 inch: NO, Remarks: 1977-0206	
	0.00	Vermin Cockroach, within 8 inch: NO	M 1
	0.00	Water Level, 10 %, within 8 inch: NO	M 2
	4.80	Fracture Multiple, from 2 to 10 o'clock, within 8 inch: YES	S 4
	26.70	Water Mark, 30 %, within 8 inch: NO	M 2
	31.80	Crack Circumferential, from 2 to 3 o'clock, within 8 inch: YES	S 1
	36.10	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	43.30	Crack Longitudinal, at 9 o'clock, within 8 inch: YES	S 2
	46.20	Crack Circumferential, from 2 to 5 o'clock, within 8 inch: YES	S 1
	47.20	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	97.80	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	118.00	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	123.50	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	143.80	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	187.70	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	196.30	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	221.30	Roots Fine Joint, from 7 to 10 o'clock, within 8 inch: YES	
	243.60	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	243.60	Roots Medium Lateral, at 3 o'clock, 40 %, within 8 inch: NO	M 3
	243.60	Roots Medium Connection, at 3 o'clock, 15 %, within 8 inch: NO	M 3
	248.80	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	248.80	Roots Medium Lateral, at 9 o'clock, 15 %, within 8 inch: NO	M 3
	253.00	Roots Fine Joint, from 3 to 9 o'clock, within 8 inch: YES	



Inspection report

Date: 20110531	P.O.#:	Weather: Dry	Surveyed By: Martin Garcia	section number: 2649	PSR: 35631
Total Pipe Length: 302.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 05/27/2011	Pre-Cleaned: Jetting	Map Grid #: 0

1:627	position	observation	grade
	<u>289.40</u>	Crack Circumferential, from 1 to 5 o'clock, within 8 inch: YES	S 1
	<u>308.00</u>	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	<u>313.50</u>	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	<u>344.80</u>	Crack Circumferential, from 3 to 11 o'clock, within 8 inch: YES	S 1
	<u>347.60</u>	Water Level, 15 %, within 8 inch: NO	M 2
	<u>348.00</u>	Manhole, within 8 inch: NO, Remarks: 1977-0207	



6

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
4121	3323	10	16	26	1.67	2.29	2



Inspection report

Date: 20110602	P.O.#:	Weather: Dry	Surveyed By: Martin Garcia	section number: 2663	PSR: 35747
Total Pipe Length: 323.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 06/01/2011	Pre-Cleaned: Jetting	Map Grid #: 0

Street: HERSHOLT AV	Flow Control: Not Controlled	Start MH: 1977-0087
City: LAK	Year Renewed	End MH: 1977-0086
Location Code: Light Highway	Tape/Media #: M317-049	pipe length: 353.8 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0086/1977-0087/1977	Lining Method:
	Category:

Remark::

1:363	position	observation	grade
	17		
			0 FT // 00:00:18 0 FT // 00:00:24 0 FT // 00:00:35 5 FT // 00:01:08 35.2 FT // 00:02:03
	1977-0087	Manhole, within 8 inch: NO, Remarks: 1977-0087	
	0.00	Vermin Cockroach, within 8 inch: NO	M 1
	0.00	Water Level, 10 %, within 8 inch: NO	M 2
	0.00	Water Mark, 15 %, within 8 inch: NO	M 2
	5.00		
	35.20	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	45.60	Roots Fine Joint, from 1 to 4 o'clock, within 8 inch: YES	
	45.60	Joint Offset Medium, within 8 inch: YES	S 1
	48.60	Roots Fine Joint, from 11 to 4 o'clock, within 8 inch: YES	
	59.30	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	59.30	Roots Fine Lateral, at 9 o'clock, within 8 inch: NO	M 1
	64.90	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	71.80	Roots Fine Joint, from 3 to 5 o'clock, within 8 inch: YES	
	83.00	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	83.00	Roots Fine Lateral, at 9 o'clock, within 8 inch: NO	M 1
	84.00	Roots Fine Joint, from 8 to 4 o'clock, within 8 inch: YES	
	102.30	Roots Fine Joint, from 7 to 11 o'clock, within 8 inch: YES	
	111.30	Roots Fine Joint, from 8 to 4 o'clock, within 8 inch: YES	
	123.70	Roots Fine Joint, from 8 to 4 o'clock, within 8 inch: YES	
	137.00	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	137.00	Roots Fine Lateral, at 3 o'clock, within 8 inch: NO	M 1
	139.70	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	139.70	Roots Fine Lateral, at 9 o'clock, within 8 inch: NO	M 1
	143.80	Fracture Circumferential, from 8 to 1 o'clock, within 8 inch: YES	S 2
	143.80	Roots Fine Joint, from 9 to 3 o'clock, within 8 inch: YES	



Inspection report

Date: 20110602	P.O.#:	Weather: Dry	Surveyed By: Martin Garcia	section number: 2663	PSR: 35747
Total Pipe Length: 323.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 06/01/2011	Pre-Cleaned: Jetting	Map Grid #: 0

1:363	position	observation	grade
	163.80	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	163.80	Roots Medium Lateral, at 9 o'clock, 20 %, within 8 inch: NO	M 3
	171.00	Fracture Multiple, from 10 to 5 o'clock, within 8 inch: YES	S 4
	180.10	Roots Fine Joint, from 8 to 4 o'clock, within 8 inch: YES	
	180.20	Water Mark, 20 %, within 8 inch: NO	M 2
	187.20	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	194.60	Roots Fine Joint, from 3 to 9 o'clock, within 8 inch: YES	
	217.60	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	238.60	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	238.60	Water Level, 10 %, within 8 inch: NO	M 2
	267.60	Roots Fine Joint, from 3 to 9 o'clock, within 8 inch: YES, Start	
	293.40	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	296.00	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	341.00	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	350.60	Roots Fine Joint, from 3 to 9 o'clock, within 8 inch: YES, End	
	353.80	Water Level, 5 %, within 8 inch: NO	M 2
	353.80	Vermin Cockroach, within 8 inch: NO	M 1
	353.80	Manhole, within 8 inch: NO, Remarks: 1977-0086	

2

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
4121	3125	7	19	26	2.33	1.58	1.73



Inspection report

Date: 20110607	P.O.#: Y0TV1011B	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 2743	PSR: 42727
Total Pipe Length: 299.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 06/03/2011	Pre-Cleaned: Jetting	Map Grid #: 1923

Street: OLIVA AV	Flow Control: Not Controlled	Start MH: 1923-0355
City: LAK	Year Renewed	End MH: 1923-0356
Location Code: Light Highway	Tape/Media #: R313-067	pipe length: 303.6 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0355/1923-0356/1923	Lining Method:
	Category:

Remark::

1:700	position	observation	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 1923-0355	0 FT // 00:00:30
	0.00	Vermin Cockroach, within 8 inch: NO	0 FT // 00:00:47
	0.00	Water Level, 5 %, within 8 inch: NO	0 FT // 00:00:47
	0.00	Water Level, 5 %, within 8 inch: NO	0 FT // 00:1:10
	0.00	Water Level, 5 %, within 8 inch: NO	5 FT // 00:01:44
	5.00	Water Mark, 10 %, within 8 inch: NO	M 2
	11.30	Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	M 2
	15.00	General Observation, within 8 inch: NO, Remarks: Pipe Joint Length 3'	
	20.20	Tap Factory Active, at 2 o'clock, 6", within 8 inch: NO	
	38.30	Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	
	45.50	Roots Fine Joint, from 2 to 3 o'clock, within 8 inch: YES	
	90.40	Tap Factory Active, at 2 o'clock, 6", within 8 inch: NO	
	92.80	Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	
	120.20	Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	
	141.40	Tap Factory Active, at 2 o'clock, 6", within 8 inch: NO	
	196.50	Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	
	208.50	Tap Factory Active, at 2 o'clock, 6", within 8 inch: NO	
	208.50	Roots Fine Lateral, at 2 o'clock, within 8 inch: NO	M 1
	242.10	Tap Factory Active, at 2 o'clock, 6", within 8 inch: NO	
	243.20	Fracture Multiple, from 9 to 12 o'clock, within 8 inch: NO	S 4
	244.50	Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	
	244.50	Fracture Circumferential, from 10 to 4 o'clock, within 8 inch: NO	S 2
	293.50	Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	
	296.20	Tap Factory Active, at 2 o'clock, 6", within 8 inch: NO	
	300.60	Water Level, 5 %, within 8 inch: NO	M 2
	303.60	Vermin Cockroach, within 8 inch: NO	M 1
	303.60	Manhole, within 8 inch: NO, Remarks: 1923-0356	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
4121	2313	6	9	15	3	1.5	1.88



Inspection report

Date: 20110621	P.O.#:	Weather: Dry	Surveyed By: Martin Garcia	section number: 3104	PSR: 42539
Total Pipe Length: 328.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 06/20/2011	Pre-Cleaned: Jetting	Map Grid #: 0

Street: FAIRMAN ST	Flow Control: Not Controlled	Start MH: 1923-0524
City: LAK	Year Renewed	End MH: 1923-0523
Location Code: Light Highway	Tape/Media #: M317-059	pipe length: 256 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0524/1923-0523/1923	Lining Method:
	Category:

Remark::

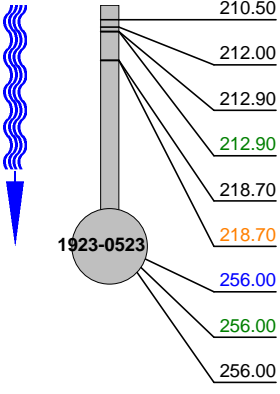
1:462	position	observation	grade
	9		
			0 FT // 00:00:26 0 FT // 00:00:36 0 FT // 00:00:51 2.4 FT // 00:01:44 2.4 FT // 00:01:44
	1923-0524	Manhole, within 8 inch: NO, Remarks: 1923-0524	
	0.00		
	0.00	Vermin Cockroach, within 8 inch: NO	M 1
	0.00	Water Level, 15 %, within 8 inch: NO	M 2
	2.40	Roots Fine Joint, from 3 to 9 o'clock, within 8 inch: YES	
	2.40	Fracture Circumferential, from 10 to 2 o'clock, within 8 inch: YES	S 2
	3.60	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	39.50	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	80.60	Roots Medium Joint, from 8 to 4 o'clock, 20 %, within 8 inch: YES	
	80.60	Fracture Multiple, from 9 to 3 o'clock, within 8 inch: YES	S 4
	81.60	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	84.20	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	86.90	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	128.10	Roots Fine Joint, from 3 to 10 o'clock, within 8 inch: YES	
	143.00	Roots Fine Joint, at 8 o'clock, within 8 inch: YES	
	159.30	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	159.30	Roots Medium Lateral, at 9 o'clock, 45 %, within 8 inch: NO	M 3
	159.30	Roots Fine Connection, at 9 o'clock, within 8 inch: NO	M 1
	162.10	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	



Inspection report

Date: 20110621	P.O.#:	Weather: Dry	Surveyed By: Martin Garcia	section number: 3104	PSR: 42539
Total Pipe Length: 328.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 06/20/2011	Pre-Cleaned: Jetting	Map Grid #: 0

1:462	position	observation	grade
	<u>210.50</u>	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	<u>212.00</u>	Roots Medium Joint, from 8 to 4 o'clock, 15 %, within 8 inch: YES	
	<u>212.90</u>	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	<u>212.90</u>	Roots Fine Lateral, at 9 o'clock, within 8 inch: NO	M 1
	<u>218.70</u>	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	<u>218.70</u>	Roots Medium Lateral, at 9 o'clock, 20 %, within 8 inch: NO	M 3
	<u>256.00</u>	Water Level, 15 %, within 8 inch: NO	M 2
	<u>256.00</u>	Vermin Cockroach, within 8 inch: NO	M 1
	<u>256.00</u>	Manhole, within 8 inch: NO, Remarks: 1923-0523	



2

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
4121	3222	6	14	20	3	1.75	2



Inspection report

Date: 20110705	P.O.#:	Weather: Dry	Surveyed By: Martin Garcia	section number: 3648	PSR: 42333
Total Pipe Length: 362.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 07/01/2011	Pre-Cleaned: Jetting	Map Grid #: 0

Street: BOMBERRY ST	Flow Control: Not Controlled	Start MH: 1924-0112
City: LAK	Year Renewed:	End MH: 1924-0128
Location Code: Light Highway	Tape/Media #: M317-067	pipe length: 330 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0112/1924-0128/1924	Lining Method:
	Category:

Remark::

1:750	position	observation	grade
	0		
	0.00	Manhole, within 8 inch: NO, Remarks: 1924-0112	0 FT // 00:00:19
	0.00	Vermin Cockroach, within 8 inch: NO	0 FT // 00:00:26
	0.00	Water Level, 15 %, within 8 inch: NO	0 FT // 00:01:03
	6.00	Water Level, 25 %, within 8 inch: NO	6 FT // 00:01:36
	8.00	Crack Circumferential, from 9 to 3 o'clock, within 8 inch: YES	8 FT // 00:08:39
	215.90	Water Level, 30 %, within 8 inch: NO	M 2
	239.90	Crack Circumferential, from 10 to 1 o'clock, within 8 inch: YES	S 1
	277.60	Crack Circumferential, from 9 to 3 o'clock, within 8 inch: YES	S 1
	305.20	Fracture Multiple, from 7 to 5 o'clock, within 8 inch: YES	S 4
	311.90	Crack Longitudinal, at 11 o'clock, within 8 inch: YES	S 2
	330.00	Water Level, 30 %, within 8 inch: NO	M 2
	330.00	Manhole, within 8 inch: NO, Remarks: 1924-0128	
	5		

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
4121	2411	9	9	18	1.8	1.8	1.8



Inspection report

Date: 20110606	P.O.#:	Weather: Dry	Surveyed By: Martin Garcia	section number: 2691	PSR: 42890
Total Pipe Length: 276.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 06/03/2011	Pre-Cleaned: Jetting	Map Grid #: 0

Street: HARDWICK ST	Flow Control: Not Controlled	Start MH: 1923-0276
City: LAK	Year Renewed	End MH: 1923-0415
Location Code: Light Highway	Tape/Media #: M317-051	pipe length: 279.6 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0276/1923-0415/1923	Lining Method:
	Category:

Remark::

1:625	position	observation	grade
	0		
		0 FT // 00:00:21 0 FT // 00:00:27 0 FT // 00:00:44 2.7 FT // 00:01:12 2.7 FT // 00:01:12	
	1923-0276	Manhole, within 8 inch: NO, Remarks: 1923-0276	
	0.00	Vermin Cockroach, within 8 inch: NO	M 1
	0.00	Water Level, 20 %, within 8 inch: NO	M 2
	2.70	Fracture Multiple, from 7 to 5 o'clock, within 8 inch: YES	S 4
	30.00	Tap Factory Capped, at 9 o'clock, 6", within 8 inch: NO	
	30.00	Vermin Cockroach, within 8 inch: NO	M 1
	72.30	Water Mark, 20 %, within 8 inch: NO	M 2
	131.00	Tap Factory Capped, at 9 o'clock, 6", within 8 inch: NO	
	131.00	Vermin Cockroach, within 8 inch: NO	M 1
	190.80	Water Mark, 40 %, within 8 inch: NO	M 3
	232.10	Tap Factory Capped, at 9 o'clock, 6", within 8 inch: NO	
	232.10	Vermin Cockroach, within 8 inch: NO	M 1
	258.40	Crack Circumferential, from 7 to 10 o'clock, within 8 inch: YES	S 1
	260.20	Water Level, 25 %, within 8 inch: NO	M 2
	270.90	Crack Circumferential, from 10 to 2 o'clock, within 8 inch: YES	S 1
	279.50	Water Level, 25 %, within 8 inch: NO	M 2
	279.60	Vermin Cockroach, within 8 inch: NO	M 1
	1923-0415	Manhole, within 8 inch: NO, Remarks: 1923-0415	

3

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
4112	3124	6	16	22	2	1.6	1.69



Inspection report

Date: 20110621	P.O.#:	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 2973	PSR: 42937
Total Pipe Length: 318.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 06/17/2011	Pre-Cleaned: Jetting	Map Grid #: 1923

Street: ECKLESON ST	Flow Control: Not Controlled	Start MH: 1923-0212
City: LAK	Year Renewed	End MH: 1923-0213
Location Code: Light Highway	Tape/Media #: R311-077	pipe length: 351.3 ft

Reason for inspection: Maintenance Related	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0212/1923-0213/1923	Lining Method:
	Category:

Remark::

1:800	position	observation	grade
			0 FT // 00:00:31 0 FT // 00:00:44 0 FT // 00:00:44 0 FT // 00:01:08 5 FT // 00:01:52
	0.00	Manhole, within 8 inch: NO, Remarks: 1923-0212	
	0.00	Vermin Cockroach, within 8 inch: NO	M 1
	0.00	Water Level, 5 %, within 8 inch: NO	M 2
	5.00	Water Mark, 10 %, within 8 inch: NO	M 2
	10.30		
	18.10	General Observation, within 8 inch: NO, Remarks: Pipe Joint Length 3'	
	51.10	Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	
	77.90	Tap Factory Active, at 2 o'clock, 6", within 8 inch: NO	
	93.00	Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	
	93.00	Tap Factory Active, at 2 o'clock, 6", within 8 inch: NO	
	146.60	Fracture Multiple, from 8 to 4 o'clock, within 8 inch: YES	S 4
	147.40	Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	
	150.10	Tap Factory Active, at 2 o'clock, 6", within 8 inch: NO	
	189.30	Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	
	192.00	Tap Factory Active, at 2 o'clock, 6", within 8 inch: NO	
	246.20	Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	
	248.80	Tap Factory Active, at 2 o'clock, 6", within 8 inch: NO	
	302.60	Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	
	302.60	Crack Circumferential, from 9 to 2 o'clock, within 8 inch: NO	S 1
	305.40	Tap Factory Active, at 2 o'clock, 6", within 8 inch: NO	
	323.20	Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	
	323.20	Roots Medium Lateral, at 10 o'clock, 40 %, within 8 inch: NO	M 3
	343.80	Tap Factory Active, at 2 o'clock, 6", within 8 inch: NO	
	348.50	Water Level, 5 %, within 8 inch: NO	M 2
	351.30	Manhole, within 8 inch: NO, Remarks: 1923-0213	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
4111	3123	5	10	15	2.5	2	2.14



Inspection report

Date: 20110606	P.O.#: Y0TV1011B	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 2468	PSR: 42573
Total Pipe Length: 350.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 06/06/2011	Pre-Cleaned: Jetting	Map Grid #:

Street: ALLEY	Flow Control: Not Controlled	Start MH: 1923-0552
City: LAK	Year Renewed	End MH: 1923-0553
Location Code: Alley	Tape/Media #: G312-063	pipe length: 333.5 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0552/1923-0553/1923	Lining Method:
	Category:

Remark::

1:750	position	observation	grade
			0 FT // 00:00:31 0 FT // 00:00:42 0 FT // 00:00:50 20 FT // 00:01:37 70.2 FT // 00:03:13
	1923		
	1923-0552	Manhole, within 8 inch: NO, Remarks: 1923-0552	
	0.00	Water Level, 10 %, within 8 inch: NO	M 2
	0.00	Water Mark, 10 %, within 8 inch: NO	M 2
	20.00	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	70.20	Tap Factory Capped, at 3 o'clock, 6", within 8 inch: NO	
	120.10	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	175.40	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	225.40	Tap Factory Capped, at 3 o'clock, 6", within 8 inch: NO	
	274.80	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	276.10	Fracture Multiple, from 1 to 5 o'clock, within 8 inch: YES	S 4
	333.50	Water Level, 15 %, within 8 inch: NO	M 2
	333.50	Deposits Attached Grease, from 5 to 7 o'clock, 10 %, within 8 inch: NO	M 2
	333.50	Vermin Cockroach, within 8 inch: NO	M 1
	333.50	Manhole, within 8 inch: NO, Remarks: 1923-0553	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
4100	2411	4	9	13	4	1.8	2.17



Inspection report

Date: 20110606	P.O.#: Y0TV1011B	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 2632	PSR: 42490
Total Pipe Length: 350.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 06/02/2011	Pre-Cleaned: Jetting	Map Grid #: 1923

Street: GRAYWOOD AV	Flow Control: Not Controlled	Start MH: 1923-0598
City: LAK	Year Renewed	End MH: 1923-0599
Location Code: Light Highway	Tape/Media #: R313-066	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: 0598/1923-0599/1923	Lining Method:
	Category:

Remark::

1:675	position	observation	grade
			0 FT // 00:00:39 0 FT // 00:01:09 4.5 FT // 00:01:40 5 FT // 00:02:12 11.8 FT // 00:02:44
	0.00	Manhole, within 8 inch: NO, Remarks: 1923-0598	
	0.00	Water Level, 5 %, within 8 inch: NO	M 2
	4.50	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	5.00	Water Mark, 10 %, within 8 inch: NO	M 2
	11.80	General Observation, within 8 inch: NO, Remarks: Pipe Joint Length 3'	
	47.40	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	54.70	Fracture Multiple, from 10 to 2 o'clock, within 8 inch: YES	S 4
	56.10	Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	
	80.70	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	104.90	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	160.20	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	178.20	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	208.20	Tap Break-in Active, at 2 o'clock, 6", within 8 inch: NO	
	214.70	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	263.60	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	263.60	Roots Fine Lateral, at 9 o'clock, within 8 inch: NO	M 1
	281.60	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	297.90	Water Level, 5 %, within 8 inch: NO	M 2
	301.60	Manhole, within 8 inch: NO, Remarks: 1923-0599	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
4100	2311	4	7	11	4	1.75	2.2



Inspection report

Date: 20110607	P.O.#: Y0TV1011B	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 2827	PSR: 35705
Total Pipe Length: 304.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 06/06/2011	Pre-Cleaned: Jetting	Map Grid #:

Street: EASEMENT	Flow Control: Not Controlled	Start MH: 1977-0046
City: LAK	Year Renewed	End MH: 1977-TRNK
Location Code: Parking Lot	Tape/Media #: G312-064	pipe length: 279 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0046/1977-TRNK/1977	Lining Method:
	Category:

Remark::

1:625	position	observation	grade
1977			
			0 FT // 00:00:47
			0 FT // 00:00:58
			0 FT // 00:02:32
			5 FT // 00:02:42
			59.3 FT // 00:04:51
	0.00	Manhole, within 8 inch: NO, Remarks: 1977-0046	
	0.00	Vermin Cockroach, within 8 inch: NO	M 1
	0.00	Water Level, 10 %, within 8 inch: NO	M 2
	5.00	Water Mark, 10 %, within 8 inch: NO	M 2
	59.30	Fracture Multiple, from 7 to 5 o'clock, within 8 inch: YES, Start	S 4
	61.80	Fracture Multiple, from 7 to 5 o'clock, within 8 inch: YES, End	S 4
	73.30	Tap Factory Capped, at 12 o'clock, 6", within 8 inch: NO	
	179.00	Tap Factory Capped, at 12 o'clock, 6", within 8 inch: NO	
	278.70	Deposits Attached Grease, from 3 to 9 o'clock, 15 %, within 8 inch: NO	M 3
	278.70	Water Level, 10 %, within 8 inch: NO	M 2
	279.00	Manhole, within 8 inch: NO, Remarks: 1977-TRNK	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
4200	3123	8	10	18	4	2	2.57



Inspection report

Date: 20110607	P.O.#: Y0TV1011B	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 2832	PSR: 42584
Total Pipe Length: 332.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 06/06/2011	Pre-Cleaned: Jetting	Map Grid #:

Street: LAKEWOOD BV	Flow Control: Not Controlled	Start MH: 1923-0565
City: LAK	Year Renewed	End MH: 1923-0566
Location Code: Main Highway - Suburban/Rural	Tape/Media #: G312-064	pipe length: 327.7 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0565/1923-0566/1923	Lining Method:
	Category:

Remark::

1:750	position	observation	grade
			0 FT // 00:00:33
			0 FT // 00:00:43
			0 FT // 00:00:51
			49.1 FT // 00:02:30
			49.1 FT // 00:02:47
	1923-0565 0.00	Manhole, within 8 inch: NO, Remarks: 1923-0565	
	0.00	Water Level, 10 %, within 8 inch: NO	M 2
	0.00	Water Mark, 10 %, within 8 inch: NO	M 2
	49.10	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	49.10	Roots Medium Lateral, at 3 o'clock, 25 %, within 8 inch: NO	M 3
	69.60	Roots Fine Joint, from 3 to 5 o'clock, within 8 inch: YES	
	89.00	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	89.00	Roots Ball Connection, from 12 to 6 o'clock, 55 %, within 8 inch: NO	M 4
	139.90	Roots Fine Joint, from 2 to 5 o'clock, within 8 inch: YES	
	150.90	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	161.40	Roots Fine Joint, from 7 to 10 o'clock, within 8 inch: YES	
	197.10	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	243.20	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	243.20	Roots Ball Connection, from 2 to 6 o'clock, 55 %, within 8 inch: NO	M 4
	244.40	Fracture Multiple, from 7 to 5 o'clock, within 8 inch: YES	S 4
	244.40	Roots Medium Joint, from 7 to 5 o'clock, 25 %, within 8 inch: YES	
	314.20	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	327.70	Water Level, 10 %, within 8 inch: NO	M 2
	327.70	Manhole, within 8 inch: NO, Remarks: 1923-0566	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
4100	4231	4	17	21	4	2.83	3



Inspection report

Date: 20110613	P.O.#: Y0TV1011B	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 2885	PSR: 42626
Total Pipe Length: 296.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 06/10/2011	Pre-Cleaned: Jetting	Map Grid #:

Street: OLIVA AV	Flow Control: Not Controlled	Start MH: 1923-0482
City: LAK	Year Renewed	End MH: 1923-0483
Location Code: Light Highway	Tape/Media #: G312-068	pipe length: 193.3 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0482/1923-0483/1923	Lining Method:
	Category:

Remark::

1:450	position	observation	grade
			0 FT // 00:00:37
			0 FT // 00:00:48
			0 FT // 00:00:58
			4.5 FT // 00:01:14
			28 FT // 00:02:03
	1923		
	1923-0482	Manhole, within 8 inch: NO, Remarks: 1923-0482	
	0.00	Water Level, 10 %, within 8 inch: NO	M 2
	0.00	Water Mark, 10 %, within 8 inch: NO	M 2
	4.50	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	28.00	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	29.20	Roots Fine Joint, from 2 to 5 o'clock, within 8 inch: YES	
	58.60	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	100.50	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	103.20	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	151.30	Tap Factory Defective, at 9 o'clock, 6", within 8 inch: NO	M 2
	151.30 S1	Fracture Multiple, from 3 to 9 o'clock, within 8 inch: YES, Start	S 4
	152.30	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	
	152.30 F1	Fracture Multiple, from 3 to 9 o'clock, within 8 inch: YES, End	S 4
	154.10	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	186.40	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	189.40	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	193.30	Water Level, within 8 inch: NO	M 2
	193.30	Manhole, within 8 inch: NO, Remarks: 1923-0483	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
4200	2400	8	8	16	4	2	2.67



Inspection report

Date: 20110620	P.O.#:	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 2970	PSR: 42930
Total Pipe Length: 318.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 06/16/2011	Pre-Cleaned: Jetting	Map Grid #: 1923

Street: YEARLING ST	Flow Control: Not Controlled	Start MH: 1923-0204
City: LAK	Year Renewed	End MH: 1923-0205
Location Code: Light Highway	Tape/Media #: R311-076	pipe length: 349.6 ft

Reason for inspection: Maintenance Related	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0204/1923-0205/1923	Lining Method:
	Category:

Remark::

1:800	position	observation	grade
			0 FT // 00:00:28 0 FT // 00:00:39 0 FT // 00:00:39 0 FT // 00:01:04 4.5 FT // 00:01:33
1923-0204	0.00	Manhole, within 8 inch: NO, Remarks: 1923-0204	
	0.00	Vermin Cockroach, within 8 inch: NO	M 1
	0.00	Water Level, 5 %, within 8 inch: NO	M 2
	4.50	Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	
	5.00	Water Mark, 5 %, within 8 inch: NO	M 2
	14.10	General Observation, within 8 inch: NO, Remarks: Pipe joint Length 3'	
	36.80	Tap Factory Active, at 2 o'clock, 6", within 8 inch: NO	
	45.40	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	81.60	Tap Factory Active, at 2 o'clock, 6", within 8 inch: NO	
	82.90	Fracture Multiple, from 8 to 4 o'clock, within 8 inch: YES	S 4
	84.10	Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	
	129.80	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	156.60	Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	
	193.10	Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	
	210.80	Tap Factory Active, at 2 o'clock, 6", within 8 inch: NO	
	237.60	Tap Factory Active, at 2 o'clock, 6", within 8 inch: NO	
	249.60	Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	
	288.50	Tap Factory Active, at 2 o'clock, 6", within 8 inch: NO	
	306.20	Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	
	333.20	Tap Factory Active, at 2 o'clock, 6", within 8 inch: NO	
	348.00	Water Level, 5 %, within 8 inch: NO	M 2
	349.60	Vermin Cockroach, within 8 inch: NO	M 1
1923-0205	349.60	Manhole, within 8 inch: NO, Remarks: 1923-0205	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
4100	2312	4	8	12	4	1.6	2



Inspection report

Date: 20110623	P.O.#:	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 3004	PSR: 42998
Total Pipe Length: 276.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 06/21/2011	Pre-Cleaned: Jetting	Map Grid #: 1923

Street: OBISPO AV	Flow Control: Not Controlled	Start MH: 1923-0151
City: LAK	Year Renewed	End MH: 1923-0152
Location Code: Light Highway	Tape/Media #: R311-079	pipe length: 253.8 ft

Reason for inspection: Maintenance Related	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0151/1923-0152/1923	Lining Method:
	Category:

Remark::

1:575	position	observation	grade
			0 FT // 00:00:26 0 FT // 00:00:46 7.5 FT // 00:01:04 13.7 FT // 00:01:32 39.5 FT // 00:02:21
	0.00	Manhole, within 8 inch: NO, Remarks: 1923-0151	
	0.00	Water Level, 5 %, within 8 inch: NO	M 2
	7.50	Water Mark, 10 %, within 8 inch: NO	M 2
	13.70	General Observation, within 8 inch: NO, Remarks: Pipe joint Length 3'	
	39.50	Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	
	39.50	Roots Fine Lateral, at 10 o'clock, within 8 inch: NO	M 1
	109.70	Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	
	109.70	Roots Fine Lateral, at 10 o'clock, within 8 inch: NO	M 1
	158.40	Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	
	158.40	Roots Fine Lateral, at 10 o'clock, within 8 inch: NO	M 1
	158.40	Roots Fine Connection, at 10 o'clock, within 8 inch: NO	M 1
	213.10	Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	
	213.10	Roots Medium Lateral, at 10 o'clock, 50 %, within 8 inch: NO	M 3
	235.80	Fracture Multiple, from 8 to 4 o'clock, within 8 inch: YES	S 4
	237.10	Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	
	252.10	Water Level, 10 %, within 8 inch: NO	M 2
	253.80	Vermin Cockroach, within 8 inch: NO	M 1
	253.80	Manhole, within 8 inch: NO, Remarks: 1923-0152	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
4100	3123	4	14	18	4	1.56	1.8



Inspection report

Date: 20110629	P.O.#: Y0TV1011B	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 3213	PSR: 42882
Total Pipe Length: 283.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 06/28/2011	Pre-Cleaned: Jetting	Map Grid #:

Street: ALLRED ST	Flow Control: Not Controlled	Start MH: 1923-0265
City: LAK	Year Renewed	End MH: 1923-0266
Location Code: Light Highway	Tape/Media #: G312-077	pipe length: 303.3 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0265/1923-0266/1923	Lining Method:
	Category:

Remark::

1:675	position	observation	grade
			0 FT // 00:00:30 0 FT // 00:00:37 0 FT // 00:00:47 5 FT // 00:01:12 5 FT // 00:01:29
	1923		
	1923-0265	Manhole, within 8 inch: NO, Remarks: 1923-0265	
	0.00		
	0.00	Vermin Cockroach, within 8 inch: NO	M 1
	0.00	Water Level, 10 %, within 8 inch: NO	M 2
	5.00	Water Mark, 10 %, within 8 inch: NO	M 2
	5.00	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	17.30	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	33.50 S1	Fracture Multiple, from 2 to 10 o'clock, within 8 inch: YES, Start	S 4
	35.40	Tap Factory Defective, at 9 o'clock, 6", within 8 inch: NO	M 2
	35.60 F1	Fracture Multiple, from 2 to 10 o'clock, within 8 inch: YES, End	S 4
	54.10	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	78.20	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	106.60	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	131.00	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	167.50	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	204.30	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	213.70	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	250.20	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	266.10	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	303.30	Water Level, 10 %, within 8 inch: NO	M 2
	303.30	Vermin Cockroach, within 8 inch: NO	M 1
	303.30	Manhole, within 8 inch: NO, Remarks: 1923-0266	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
4200	2412	8	10	18	4	1.67	2.25



Inspection report

Date: 20110705	P.O.#: Y0TV1011B	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 3247	PSR: 42301
Total Pipe Length: 101.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 07/01/2011	Pre-Cleaned: Jetting	Map Grid #:

Street: ALLEY	Flow Control: Not Controlled	Start MH: 1924-0089
City: LAK	Year Renewed	End MH: 1924-0088
Location Code: Alley	Tape/Media #: G312-079	pipe length: 114.3 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0088/1924-0089/1924	Lining Method:
	Category:

Remark::

1:275	position	observation	grade
			0 FT // 00:00:35 0 FT // 00:00:50 6 FT // 00:01:16 25.2 FT // 00:01:54 37 FT // 00:02:33
	1924		
	1924-0089	Manhole, within 8 inch: NO, Remarks: 1924-0089	
	0.00	Water Level, 25 %, within 8 inch: NO	M 2
	0.00	Water Mark, 10 %, within 8 inch: NO	M 2
	6.00		
	25.20	Water Level, 10 %, within 8 inch: NO	M 2
	37.00	Tap Factory Capped, at 9 o'clock, 6", within 8 inch: NO	
	37.00	Vermin Cockroach, within 8 inch: NO	M 1
	88.10	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	108.00	Fracture Multiple, from 8 to 4 o'clock, within 8 inch: YES	S 4
	110.20	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	114.30	Water Level, within 8 inch: NO	M 2
	114.30	Deposits Settled Compacted, from 3 to 9 o'clock, 35 %, within 8 inch: NO	M 5
	114.30	Vermin Cockroach, within 8 inch: NO	M 1
	114.30	Manhole, within 8 inch: NO, Remarks: 1924-0088	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
4100	5124	4	15	19	4	2.14	2.38



Inspection report

Date: 20110707	P.O.#: Y0TV1011B	Weather: Dry	Surveyed By: Martin Garcia	section number: 3376	PSR: 42393
Total Pipe Length: 123.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 07/06/2011	Pre-Cleaned: Jetting	Map Grid #: 1924

Street: BIXBY RD	Flow Control: Not Controlled	Start MH: 1924-0056
City: LAK	Year Renewed	End MH: 1924-0057
Location Code: Light Highway	Tape/Media #: M313-069	pipe length: 106.2 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0057/1924-0056/1924	Lining Method:
	Category:

Remark::

1:250	position	observation	grade
			0 FT // 00:00:29 0 FT // 00:00:37 0 FT // 00:01:01 34.6 FT // 00:02:28 98.1 FT // 00:04:27
	0.00	Manhole, within 8 inch: NO, Remarks: 1924-0056	
	0.00	Vermin Cockroach, within 8 inch: NO	M 1
	0.00	Water Level, 15 %, within 8 inch: NO	M 2
	34.60	Water Level, 5 %, within 8 inch: NO	M 2
	98.10	Tap Factory, at 9 o'clock, 6", within 8 inch: NO	
	98.80	Fracture Multiple, from 7 to 5 o'clock, within 8 inch: YES	S 4
	106.00	Water Level, within 8 inch: NO	M 2
	106.20	Manhole, within 8 inch: NO, Remarks: 1924-0057	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
4100	2311	4	7	11	4	1.75	2.2



Inspection report

Date: 20110721	P.O.#: Y0TV1011B	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 3635	PSR: 43198
Total Pipe Length: 117.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 07/20/2011	Pre-Cleaned: Jetting	Map Grid #:

Street: EASEMENT	Flow Control: Not Controlled	Start MH: 1923-0001
City: LAK	Year Renewed	End MH: 1923-TRNK
Location Code: Easement/Right of Way	Tape/Media #: G312-091	pipe length: 116.1 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 12"/12"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0001/1923-TRNK/1923	Lining Method:
	Category:

Remark::

1:275	position	observation	grade
	1923		
	1923-0001	Manhole, within 8 inch: NO, Remarks: 1923-0001	
	0.00		0 FT // 00:00:34
	0.00	Vermin Cockroach, within 8 inch: NO	0 FT // 00:00:42
	0.00	Water Level, 15 %, within 8 inch: NO	0 FT // 00:01:02
	1.30	Fracture Multiple, from 7 to 5 o'clock, within 8 inch: YES	1.3 FT // 00:01:40
			1.3 FT // 00:01:40
	1923-TRNK	Water Level, 15 %, within 8 inch: NO	M 1
	116.10		M 2
	116.10	Manhole, within 8 inch: NO, Remarks: 1923-TRNK	S 4

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
4100	2211	4	5	9	4	1.67	2.25



Inspection report

Date: 20110705	P.O.#: Y0TV1011B	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 3245	PSR: 42244
Total Pipe Length: 224.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 07/01/2011	Pre-Cleaned: Jetting	Map Grid #:

Street: CARSON ST	Flow Control: Not Controlled	Start MH: 1924-0153
City: LAK	Year Renewed:	End MH: 1924-0154
Location Code: Main Highway - Urban	Tape/Media #: G312-079	pipe length: 263 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0153/1924-0154/1924	Lining Method:
	Category:

Remark::

1:600	position	observation	grade
1924			
			0 FT // 00:00:38 0 FT // 00:00:48 6.7 FT // 00:01:14 253.6 FT // 00:08:20 253.6 FT // 00:08:20
	0.00	Manhole, within 8 inch: NO, Remarks: 1924-0153	
	0.00	Water Level, 15 %, within 8 inch: NO	M 2
	6.70	Water Mark, 15 %, within 8 inch: NO	M 2
	253.60	Broken Soil Visible, from 12 to 3 o'clock, within 8 inch: YES	S 5
	253.60	Fracture Multiple, from 2 to 3 o'clock, within 8 inch: YES	S 4
	253.60	Joint Offset Medium, within 8 inch: YES	S 1
	263.00	Water Level, 15 %, within 8 inch: NO	M 2
	263.00	Vermin Cockroach, within 8 inch: NO	M 1
	263.00	Manhole, within 8 inch: NO, Remarks: 1924-0154	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
5141	2311	10	7	17	3.33	1.75	2.43



Inspection report

Date: 20110713	P.O.#: Y0TV1011B	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 3558	PSR: 42400
Total Pipe Length: 166.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 07/12/2011	Pre-Cleaned: Jetting	Map Grid #:

Street: EASEMENT	Flow Control: Not Controlled	Start MH: 1924-0064
City: LAK	Year Renewed	End MH: 1924-0063
Location Code: Easement/Right of Way	Tape/Media #: G312-085	pipe length: 166 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0063/1924-0064/1924	Lining Method:
	Category:

Remark::

1:375	position	observation	grade
	1924		
			0 FT // 00:00:30 0 FT // 00:00:44 5 FT // 00:01:27 21.3 FT // 00:02:04 24.1 FT // 00:02:29
	1924-0064 0.00	Manhole, within 8 inch: NO, Remarks: 1924-0064	
	0.00	Water Level, 10 %, within 8 inch: NO	M 2
	5.00	Water Mark, 10 %, within 8 inch: NO	M 2
	21.30	Tap Factory Capped, at 9 o'clock, 6", within 8 inch: NO	
	24.10	Tap Factory Capped, at 3 o'clock, 6", within 8 inch: NO	
	82.00	Tap Break-in Active, at 9 o'clock, 4", within 8 inch: NO	
	95.50	Tap Factory Capped, at 3 o'clock, 6", within 8 inch: NO	
	98.10	Tap Factory Capped, at 9 o'clock, 6", within 8 inch: NO	
	103.50 S1	Obstacle External Pipe or Cable, at 6 o'clock, 10 %, within 8 inch: NO, Start	M 2
	106.20 F1	Obstacle External Pipe or Cable, at 6 o'clock, 10 %, within 8 inch: NO, End	M 2
	155.60	Tap Factory Capped, at 3 o'clock, 6", within 8 inch: NO	
	158.30	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	159.10	Joint Offset Medium, within 8 inch: YES	S 1
	159.10	Fracture Multiple, from 7 to 5 o'clock, within 8 inch: YES	S 4
	159.80	Tap Factory Active, at 3 o'clock, 4", within 8 inch: NO	
	160.40	Deposits Ingressed Fine, from 5 to 7 o'clock, 10 %, within 8 inch: NO	M 2
	161.30	Joint Offset Medium, within 8 inch: YES	S 1
	161.30	Broken Soil Visible, from 6 to 9 o'clock, within 8 inch: YES	S 5
	166.00	Water Level, within 8 inch: NO	M 2
	166.00	Manhole, within 8 inch: NO, Remarks: 1924-0063, BURIED	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
5141	2600	11	12	23	2.75	2	2.3



Inspection report

Date: 20110718	P.O.#: Y0TV1011B	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 3594	PSR: 42927
Total Pipe Length: 340.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 07/15/2011	Pre-Cleaned: Jetting	Map Grid #:

Street: YEARLING ST	Flow Control: Not Controlled	Start MH: 1923-0200
City: LAK	Year Renewed	End MH: 1923-0201
Location Code: Light Highway	Tape/Media #: G312-088	pipe length: 353.6 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0200/1923-0201/1923	Lining Method:
	Category:

Remark::

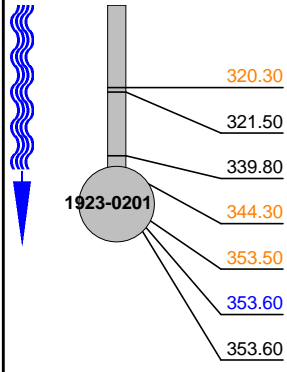
1:660	position	observation	grade
	1923		
			0 FT // 00:00:31 0 FT // 00:00:41 5 FT // 00:02:43 6.2 FT // 00:03:09 6.2 FT // 00:03:09
	1923-0200	Manhole, within 8 inch: NO, Remarks: 1923-0200	
	0.00		
	0.00	Water Level, 15 %, within 8 inch: NO	M 2
	5.00	Water Mark, 10 %, within 8 inch: NO	M 2
	6.20	Crack Circumferential, from 3 to 5 o'clock, within 8 inch: YES	S 1
	10.40	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	13.00	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	53.00	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	63.80	Deposits Attached Encrustation, from 7 to 5 o'clock, 10 %, within 8 inch: YES	M 2
	63.80	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	S 3
	65.10	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	105.40	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	114.00	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	163.00	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	176.70	Crack Circumferential, from 8 to 2 o'clock, within 8 inch: YES	S 1
	182.90	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	S 3
	184.10	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	210.40	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES, Start	S 3
	211.60	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	213.40	Broken, from 8 to 10 o'clock, within 8 inch: YES	S 4
	213.40	Fracture Multiple, from 7 to 10 o'clock, within 8 inch: YES	S 4
	214.00	Tap Factory Defective, at 9 o'clock, 6", within 8 inch: NO	M 2
	260.30	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	261.90	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	S 3
	284.80	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	



Inspection report

Date: 20110718	P.O.#: Y0TV1011B	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 3594	PSR: 42927
Total Pipe Length: 340.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 07/15/2011	Pre-Cleaned: Jetting	Map Grid #:

1:660	position	observation	grade
	<u>320.30</u>	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	S 3
	<u>321.50</u>	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	<u>339.80</u>	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	<u>344.30</u>	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	S 3
	<u>353.50</u> F1	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES, End	S 3
	<u>353.60</u>	Water Level, 10 %, within 8 inch: NO	M 2
	<u>353.60</u>	Manhole, within 8 inch: NO, Remarks: 1923-0201	



QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
4237	2500	31	10	41	2.82	2	2.56



Inspection report

Date: 20110721	P.O.#: Y0TV1011B	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 3638	PSR: 43016
Total Pipe Length: 293.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 07/20/2011	Pre-Cleaned: Jetting	Map Grid #:

Street: HARDWICK ST	Flow Control: Not Controlled	Start MH: 1923-0054
City: LAK	Year Renewed	End MH: 1923-0053
Location Code: Light Highway	Tape/Media #: G312-091	pipe length: 276 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0053/1923-0054/1923	Lining Method:
	Category:

Remark::

1:625	position	observation	grade
	1923		
	0.00	Manhole, within 8 inch: NO, Remarks: 1923-0054	0 FT // 00:00:40
	0.00	Broken Soil Visible, from 3 to 9 o'clock, within 8 inch: NO	S 5 0 FT // 00:01:01
	0.00	Water Level, 10 %, within 8 inch: NO	M 2 0 FT // 00:01:01
	5.00	Water Mark, 10 %, within 8 inch: NO	M 2 0 FT // 00:01:16
	11.00	S1 Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES, Start	S 3 5 FT // 00:03:23
	13.30	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	31.60	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	49.50	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	67.80	Tap Factory Defective, at 3 o'clock, 6", within 8 inch: NO	M 2
	67.80	S2 Fracture Multiple, from 7 to 5 o'clock, within 8 inch: YES, Start	S 4
	68.70	Broken, from 8 to 9 o'clock, within 8 inch: YES	S 4
	71.30	F2 Fracture Multiple, from 7 to 5 o'clock, within 8 inch: YES, End	S 4
	112.10	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	
	113.80	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	132.00	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	153.30	Tap Factory Defective, at 9 o'clock, 6", within 8 inch: NO	M 2
	168.10	Tap Factory Defective, at 3 o'clock, 6", within 8 inch: NO	M 2
	217.60	Tap Factory Defective, at 9 o'clock, 6", within 8 inch: NO	M 2
	232.50	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	253.80	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	268.90	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	272.80	F1 Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES, End	S 3
	276.00	Water Level, 10 %, within 8 inch: NO	M 2
	276.00	Vermin Cockroach, within 8 inch: NO	M 1
	276.00	Manhole, within 8 inch: NO, Remarks: 1923-0053	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
5143	2711	23	15	38	3.83	1.88	2.71



Inspection report

Date: 20110715	P.O.#: Y0TV1011B	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 3581	PSR: 42457
Total Pipe Length: 170.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 07/14/2011	Pre-Cleaned: Jetting	Map Grid #:

Street: DEEBOYAR AV	Flow Control: Not Controlled	Start MH: 1924-0003
City: LAK	Year Renewed	End MH: 1924-0002
Location Code: Light Highway	Tape/Media #: G312-087	pipe length: 298.3 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0002/1924-0003/1924	Lining Method:
	Category:

Remark::

1:330	position	observation	grade	
	0.00	Manhole, within 8 inch: NO, Remarks: 1924-0003		
1924	0.00	Water Level, 10 %, within 8 inch: NO	M 2	0 FT // 00:00:37
	4.20	Hole Soil Visible, from 8 to 10 o'clock, within 8 inch: YES	S 5	0 FT // 00:00:52
	4.20	Crack Longitudinal, at 9 o'clock, within 8 inch: YES	S 2	4.2 FT // 00:01:25
	4.20	Joint Offset Medium, within 8 inch: YES	S 1	4.2 FT // 00:01:45
	7.20	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES		
	7.20	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	S 3	
	8.70	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO		
	25.50	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES		
	25.50	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	S 3	
	41.10	Roots Fine Joint, from 7 to 10 o'clock, within 8 inch: YES		
	47.10	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	S 3	
	47.10	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES		
	59.50	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES		
	59.50	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	S 3	
	61.00	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO		
	61.00	Roots Fine Lateral, at 9 o'clock, within 8 inch: NO	M 1	
	79.10	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO		
	82.50	Water Level, 15 %, within 8 inch: NO	M 2	
	86.50	Crack Multiple, from 7 to 2 o'clock, within 8 inch: YES	S 3	
	86.50	Roots Fine Joint, from 7 to 11 o'clock, within 8 inch: YES		
	105.20	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	S 3	
	105.20	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, Start		
	113.10	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO		
	115.70	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO		
	115.70	Roots Medium Connection, from 6 to 9 o'clock, 30 %, within 8 inch: NO	M 3	



Inspection report

Date: 20110715	P.O.#: Y0TV1011B	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 3581	PSR: 42457
Total Pipe Length: 170.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 07/14/2011	Pre-Cleaned: Jetting	Map Grid #:

1:330	position	observation	grade
	115.70	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	115.70	Roots Medium Connection, from 6 to 9 o'clock, 30 %, within 8 inch: NO	M 3
	152.50	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	152.50	Roots Tap Lateral, at 9 o'clock, 15 %, within 8 inch: NO	M 2
	179.90	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	179.90	Roots Medium Connection, from 2 to 6 o'clock, 40 %, within 8 inch: NO	M 3
	212.40	F1 Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, End	
	218.50	S2 Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, Start	
	218.50	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	S 3
	220.10	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	220.10	Roots Medium Lateral, at 9 o'clock, 25 %, within 8 inch: NO	M 3
	247.40	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	247.40	Roots Medium Connection, from 3 to 5 o'clock, 30 %, within 8 inch: NO	M 3
	255.20	Crack Multiple, from 7 to 11 o'clock, within 8 inch: YES	S 3
	273.70	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	S 3
	275.20	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	295.10	F2 Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, End	
	298.30	Water Level, 15 %, within 8 inch: NO	M 2
	298.30	Vermin Cockroach, within 8 inch: NO	M 1
	298.30	Manhole, within 8 inch: NO, Remarks: 1924-0002	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
5139	3424	35	22	57	2.92	2.2	2.59



Inspection report

Date: 20110608	P.O.#:	Weather: Dry	Surveyed By: Martin Garcia	section number: 2707	PSR: 42511
Total Pipe Length: 287.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 06/07/2011	Pre-Cleaned: Jetting	Map Grid #: 0

Street: PEPPERWOOD AV	Flow Control: Not Controlled	Start MH: 1923-0626
City: LAK	Year Renewed	End MH: 1923-0625
Location Code: Light Highway	Tape/Media #: M317-053	pipe length: 338 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0625/1923-0626/1923	Lining Method:
	Category:

Remark::

1:775	position	observation	grade
	0		
		0 FT // 00:00:21 0 FT // 00:00:27 0 FT // 00:00:37 5 FT // 00:00:57 83.7 FT // 00:03:27	
	1923-0626	Manhole, within 8 inch: NO, Remarks: 1923-0626	
	0.00	Vermin Cockroach, within 8 inch: NO	M 1
	0.00	Water Level, 5 %, within 8 inch: NO	M 2
	0.00	Water Mark, 20 %, within 8 inch: NO	M 2
	5.00		
	83.70	Fracture Longitudinal, at 4 o'clock, within 8 inch: YES	S 3
	110.20	Tap Factory Capped, at 3 o'clock, 6", within 8 inch: NO	
	136.40	Fracture Longitudinal, at 12 o'clock, within 8 inch: YES	S 3
	137.30	Hole Void Visible, from 11 to 1 o'clock, within 8 inch: NO	S 5
	137.70	Fracture Longitudinal, at 12 o'clock, within 8 inch: NO	S 3
	150.90	Tap Factory Active, at 12 o'clock, 4", within 8 inch: NO	
	210.80	Tap Break-in Active, at 10 o'clock, 4", within 8 inch: NO	
	210.80	Vermin Rat, 1", within 8 inch: NO	M 2
	227.70	Fracture Longitudinal, at 9 o'clock, within 8 inch: YES	S 3
	273.90	Crack Circumferential, from 7 to 8 o'clock, within 8 inch: YES	S 1
	331.90	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	333.60	Tap Break-in Active, at 3 o'clock, 6", within 8 inch: NO	
	336.00	Water Level, 5 %, within 8 inch: NO	M 2
	338.00	Manhole, within 8 inch: NO, Remarks: 1923-0625	
	5		

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
5134	2411	18	9	27	3	1.8	2.45



Inspection report

Date: 20110615	P.O.#: Y0TV1011B	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 3324	PSR: 42894
Total Pipe Length: 306.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 06/10/2011	Pre-Cleaned: Jetting	Map Grid #: 1923

Street: LEVELSIDE AV	Flow Control: Not Controlled	Start MH: 1923-0160
City: LAK	Year Renewed	End MH: 1923-0161
Location Code: Light Highway	Tape/Media #: R313-073	pipe length: 301.7 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0160/1923-0161/1923	Lining Method:
	Category:

Remark::

1:627	position	observation	grade
			0 FT // 00:00:30
			0 FT // 00:00:43
			5 FT // 00:01:15
			8.7 FT // 00:01:44
			47 FT // 00:02:52
	1923-0160	Manhole, within 8 inch: NO, Remarks: 1923-0160	
	0.00		
	0.00	Water Level, 5 %, within 8 inch: NO	M 2
	5.00	Water Mark, 5 %, within 8 inch: NO	M 2
	8.70		
	8.70	General Observation, within 8 inch: NO, Remarks: Pipe Joint Length 3'	
	47.00	Tap Factory Active, at 2 o'clock, 6", within 8 inch: NO	
	57.50	Crack Multiple, from 8 to 12 o'clock, within 8 inch: YES	S 3
	59.00	Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	
	82.80	Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	
	82.80	Roots Medium Lateral, at 10 o'clock, 25 %, within 8 inch: NO	M 3
	82.80	Fracture Longitudinal, at 8 o'clock, within 8 inch: NO	S 3
	83.30	Crack Multiple, from 2 to 5 o'clock, within 8 inch: NO	S 3
	84.10	Roots Tap Joint, at 2 o'clock, 10 %, within 8 inch: YES	
	85.70	Tap Factory Active, at 2 o'clock, 6", within 8 inch: NO	
	85.70	Roots Medium Lateral, at 2 o'clock, 20 %, within 8 inch: NO	M 3
	139.00	Broken Void Visible, from 8 to 11 o'clock, within 8 inch: YES	S 5
	140.20	Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	
	143.10	Tap Factory Active, at 2 o'clock, 6", within 8 inch: NO	
	193.50	Crack Multiple, from 8 to 11 o'clock, within 8 inch: YES	S 3
	194.90	Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	
	200.60	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	218.60	Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	
	239.90	Tap Factory Active, at 2 o'clock, 6", within 8 inch: NO	
	276.10	Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	



Inspection report

Date: 20110615	P.O.#: Y0TV1011B	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 3324	PSR: 42894
Total Pipe Length: 306.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 06/10/2011	Pre-Cleaned: Jetting	Map Grid #: 1923

1:627	position	observation	grade
	<p style="margin-left: 20px;">297.30</p> <p style="margin-left: 20px;">298.80</p> <p style="margin-left: 20px;">301.70</p>	<p>Tap Factory Active, at 2 o'clock, 6", within 8 inch: NO</p> <p style="color: blue;">Water Level, 5 %, within 8 inch: NO</p> <p>Manhole, within 8 inch: NO, Remarks: 1923-0161</p>	<p style="color: blue;">M 2</p>

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
5134	3223	17	12	29	3.4	2.4	2.9



Inspection report

Date: 20110719	P.O.#:	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 3491	PSR: 43127
Total Pipe Length: 346.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 07/14/2011	Pre-Cleaned: Jetting	Map Grid #: 1923

Street: DOLLAR ST	Flow Control: Not Controlled	Start MH: 1923-0042
City: LAK	Year Renewed	End MH: 1923-0041
Location Code: Light Highway	Tape/Media #: R311-087	pipe length: 350.7 ft

Reason for inspection: Maintenance Related	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0041/1923-0042/1923	Lining Method:
	Category:

Remark::

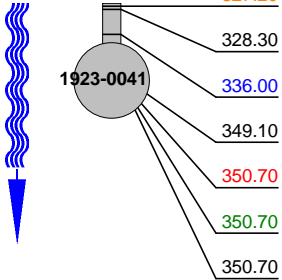
1:726	position	observation	grade
			0 FT // 00:00:23 0 FT // 00:00:31 0 FT // 00:00:31 0 FT // 00:00:56 8.6 FT // 00:01:17
	0.00	Manhole, within 8 inch: NO, Remarks: 1923-0042	
	0.00	Vermin Cockroach, within 8 inch: NO	M 1
	0.00	Water Level, 5 %, within 8 inch: NO	M 2
	8.60	Water Mark, 10 %, within 8 inch: NO	M 2
	13.30	General Observation, within 8 inch: NO, Remarks: Pipe joint Length 3'	
	27.40	Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	
	45.30	Tap Factory Active, at 2 o'clock, 6", within 8 inch: NO	
	94.50	Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	
	123.60	Crack Multiple, from 10 to 4 o'clock, within 8 inch: YES	S 3
	131.20	Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	
	132.20	Crack Multiple, from 7 to 12 o'clock, within 8 inch: YES	S 3
	145.90	Vermin Cockroach, within 8 inch: NO	M 1
	145.90	Tap Factory Capped, at 2 o'clock, 6", within 8 inch: NO	
	194.30	Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	
	212.50	Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	
	248.90	Tap Factory Active, at 2 o'clock, 6", within 8 inch: NO	
	267.60	Tap Break-in Active, at 3 o'clock, 6", within 8 inch: NO	
	268.80	Crack Multiple, from 10 to 1 o'clock, within 8 inch: YES	S 3
	279.40	Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	



Inspection report

Date: 20110719	P.O.#:	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 3491	PSR: 43127
Total Pipe Length: 346.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 07/14/2011	Pre-Cleaned: Jetting	Map Grid #: 1923

1:726	position	observation	grade
	<u>327.20</u>	Crack Multiple, from 7 to 9 o'clock, within 8 inch: YES	S 3
	<u>328.30</u>	Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	
	<u>336.00</u>	Water Level, 20 %, within 8 inch: NO	M 2
	<u>349.10</u>	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	<u>350.70</u>	Hole, from 4 to 8 o'clock, within 8 inch: NO, Remarks: Mh Channel	S 5
	<u>350.70</u>	Vermin Cockroach, within 8 inch: NO	M 1
	<u>350.70</u>	Manhole, within 8 inch: NO, Remarks: 1923-0041	



QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
5134	2313	17	9	26	3.4	1.5	2.36



Inspection report

Date: 20110609	P.O.#:	Weather: Dry	Surveyed By: Martin Garcia	section number: 2730	PSR: 42666
Total Pipe Length: 357.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 06/08/2011	Pre-Cleaned: Jetting	Map Grid #: 9

Street: VERDURA AV	Flow Control: Not Controlled	Start MH: 1923-0411
City: LAK	Year Renewed	End MH: 1923-0443
Location Code: Light Highway	Tape/Media #: M317-054	pipe length: 268.7 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0411/1923-0443/1923	Lining Method:
	Category:

Remark::

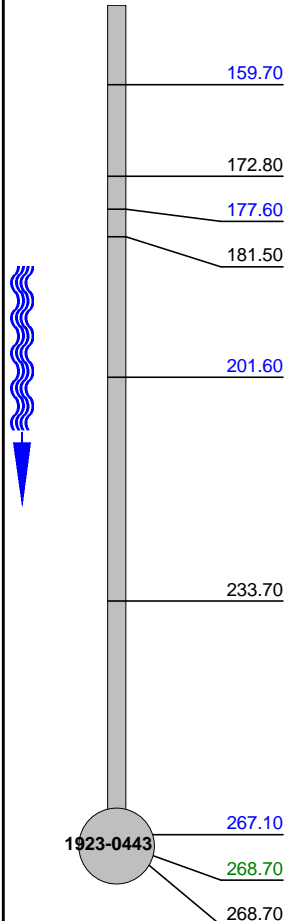
1:330	position	observation	grade
	0		
			0 FT // 00:00:22
			0 FT // 00:00:28
			0 FT // 00:00:39
			21.9 FT // 00:01:38
			24.7 FT // 00:02:16
	1923-0411	Manhole, within 8 inch: NO, Remarks: 1923-0411	
	<u>0.00</u>	Vermin Cockroach, within 8 inch: NO	M 1
	<u>0.00</u>	Water Level, 15 %, within 8 inch: NO	M 2
	<u>21.90</u>	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	<u>24.70</u>	Tap Factory Defective, at 3 o'clock, 6", within 8 inch: NO	M 2
	<u>24.70</u>	Crack Circumferential, from 5 to 1 o'clock, within 8 inch: NO, Remarks: IN LATERAL	S 1
	<u>24.70</u>	Crack Longitudinal, at 12 o'clock, within 8 inch: NO	S 2
	<u>53.80</u>	Deposits Attached Grease, from 10 to 1 o'clock, 5 %, within 8 inch: YES	M 2
	<u>69.60</u>	Deposits Attached Grease, from 1 to 2 o'clock, 5 %, within 8 inch: YES	M 2
	<u>81.50</u>	Crack Multiple, from 7 to 4 o'clock, within 8 inch: YES	S 3
	<u>82.10</u>	Fracture Longitudinal, at 3 o'clock, within 8 inch: NO	S 3
	<u>82.90</u>	Tap Factory Defective, at 3 o'clock, 6", within 8 inch: NO	M 2
	<u>82.90</u>	Fracture Circumferential, from 7 to 5 o'clock, within 8 inch: NO, Remarks: IN LATERAL	S 2
	<u>82.90</u>	Hole Soil Visible, at 3 o'clock, within 8 inch: NO, Remarks: IN LATERAL	S 5
	<u>82.90</u>	Fracture Longitudinal, at 12 o'clock, within 8 inch: NO	S 3
	<u>85.30</u>	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	<u>89.70</u>	Deposits Attached Grease, from 10 to 11 o'clock, 5 %, within 8 inch: NO	M 2
	<u>96.00</u>	Deposits Attached Grease, from 10 to 11 o'clock, 5 %, within 8 inch: NO	M 2
	<u>109.40</u>	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	<u>117.10</u>	Deposits Attached Grease, from 11 to 1 o'clock, 5 %, within 8 inch: YES	M 2
	<u>135.40</u>	Deposits Attached Grease, from 11 to 1 o'clock, 10 %, within 8 inch: YES	M 2
	<u>136.40</u>	Tap Factory Defective, at 9 o'clock, 6", within 8 inch: NO	M 2
	<u>136.40</u>	Crack Circumferential, from 10 to 8 o'clock, within 8 inch: NO, Remarks: IN LATERAL	S 1
	<u>137.60</u>	Deposits Attached Grease, at 1 o'clock, 5 %, within 8 inch: YES	M 2



Inspection report

Date: 20110609	P.O.#:	Weather: Dry	Surveyed By: Martin Garcia	section number: 2730	PSR: 42666
Total Pipe Length: 357.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 06/08/2011	Pre-Cleaned: Jetting	Map Grid #: 9

1:330	position	observation	grade
	<u>159.70</u>	Deposits Attached Grease, from 11 to 1 o'clock, 5 %, within 8 inch: NO	M 2
	<u>172.80</u>	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	<u>177.60</u>	Deposits Attached Grease, at 1 o'clock, 5 %, within 8 inch: YES	M 2
	<u>181.50</u>	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	<u>201.60</u>	Water Level, 25 %, within 8 inch: NO	M 2
	<u>233.70</u>	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	<u>267.10</u>	Water Level, 15 %, within 8 inch: NO	M 2
	<u>268.70</u>	Vermin Cockroach, within 8 inch: NO	M 1
	<u>268.70</u>	Manhole, within 8 inch: NO, Remarks: 1923-0443	



7

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
5133	2B12	20	32	52	2.5	1.88	2.08



Inspection report

Date: 20110608	P.O.#: Y0TV1011B	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 2843	PSR: 42570
Total Pipe Length: 200.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 06/07/2011	Pre-Cleaned: Jetting	Map Grid #:

Street: CANDLEWOOD ST	Flow Control: Not Controlled	Start MH: 1923-0548
City: LAK	Year Renewed	End MH: 1923-0547
Location Code: Main Highway - Urban	Tape/Media #: G312-065	pipe length: 169.8 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0547/1923-0548/1923	Lining Method:
	Category:

Remark::

1:400	position	observation	grade
1923			
			0 FT // 00:00:32 0 FT // 00:00:40 0 FT // 00:00:50 5 FT // 00:01:52 5 FT // 00:02:03
	1923-0548	Manhole, within 8 inch: NO, Remarks: 1923-0548	
	0.00	Vermin Cockroach, within 8 inch: NO	M 1
	0.00	Water Level, 5 %, within 8 inch: NO	M 2
	5.00	Water Mark, 10 %, within 8 inch: NO	M 2
	5.00	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	9.10	Tap Break-in Active, at 3 o'clock, 4", within 8 inch: NO	
	55.90	Tap Factory Capped, at 3 o'clock, 6", within 8 inch: NO	
	78.40	Crack Multiple, from 11 to 5 o'clock, within 8 inch: YES	S 3
	89.20 S1	Water Level Sag, 25 %, within 8 inch: NO, Start	M 2
	110.90	Tap Factory Capped, at 3 o'clock, 6", within 8 inch: NO	
	110.90	Vermin Cockroach, within 8 inch: NO	M 1
	119.90	Deposits Attached Grease, from 3 to 9 o'clock, 5 %, within 8 inch: NO	M 2
	129.30	Broken Soil Visible, from 6 to 10 o'clock, within 8 inch: YES	S 5
	129.30	Crack Circumferential, from 2 to 5 o'clock, within 8 inch: YES	S 1
	136.50	Crack Multiple, from 4 to 10 o'clock, within 8 inch: YES	S 3
	153.70	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	S 3
	160.20 F1	Water Level Sag, 25 %, within 8 inch: NO, End	M 2
	160.20	Water Level, 15 %, within 8 inch: NO	M 2
	165.00	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	169.80	Water Level, 10 %, within 8 inch: NO	M 2
	1923-0547	Vermin Cockroach, within 8 inch: NO	M 1
	169.80	Manhole, within 8 inch: NO, Remarks: 1923-0547	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
5133	2713	15	17	32	3	1.7	2.13



Inspection report

Date: 20110607	P.O.#:	Weather: Dry	Surveyed By: Martin Garcia	section number: 2705	PSR: 42746
Total Pipe Length: 306.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 06/06/2011	Pre-Cleaned: Jetting	Map Grid #: 0

Street: CANDLEWOOD ST	Flow Control: Not Controlled	Start MH: 1923-0377
City: LAK	Year Renewed	End MH: 1923-0376
Location Code: Light Highway	Tape/Media #: M317-052	pipe length: 308.3 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0377/1923-0376/1923	Lining Method:
	Category:

Remark::

1:700	position	observation	grade
1			0 FT // 00:00:23 0 FT // 00:00:29 0 FT // 00:00:43 12.8 FT // 00:01:35 12.8 FT // 00:01:35
	0.00	Manhole, within 8 inch: NO, Remarks: 1923-0377	
	0.00	Vermin Cockroach, within 8 inch: NO	M 1
	0.00	Water Level, 15 %, within 8 inch: NO	M 2
	12.80	Fracture Longitudinal, at 8 o'clock, within 8 inch: YES	S 3
	12.80	Broken Void Visible, from 2 to 5 o'clock, within 8 inch: YES	S 5
	12.80	Fracture Circumferential, from 12 to 3 o'clock, within 8 inch: YES	S 2
	13.80	Tap Factory Defective, at 3 o'clock, 6", within 8 inch: NO	M 2
	13.80	Crack Multiple, from 7 to 6 o'clock, within 8 inch: NO, Remarks: IN LATERAL	S 3
	60.50	Water Mark, 20 %, within 8 inch: NO	M 2
	61.90	Water Level, 10 %, within 8 inch: NO	M 2
	71.60	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	126.80	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	135.10	Water Level, 15 %, within 8 inch: NO	M 2
	166.20	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	227.20	Tap Factory Defective, at 3 o'clock, 6", within 8 inch: NO	M 2
	227.20	Crack Circumferential, from 7 to 5 o'clock, within 8 inch: NO, Remarks: IN LATERAL	S 1
	247.40	Roots Fine Joint, from 1 to 2 o'clock, within 8 inch: YES	
	247.40	Crack Circumferential, from 12 to 3 o'clock, within 8 inch: YES	S 1
	248.40	Tap Factory Defective, at 3 o'clock, 6", within 8 inch: NO	M 2
	248.40	Fracture Circumferential, from 7 to 5 o'clock, within 8 inch: NO, Remarks: IN LATERAL	S 2
	308.30	Water Level, 10 %, within 8 inch: NO	M 2
	308.30	Vermin Cockroach, within 8 inch: NO	M 1
	308.30	Manhole, within 8 inch: NO, Remarks: 1923-0376	
6			

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
5132	2812	17	18	35	2.43	1.8	2.06



Inspection report

Date: 20110623	P.O.#:	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 3000	PSR: 42971
Total Pipe Length: 343.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 06/21/2011	Pre-Cleaned: Jetting	Map Grid #: 1923

Street: CANDLEWOOD ST	Flow Control: Not Controlled	Start MH: 1923-0127
City: LAK	Year Renewed	End MH: 1923-0128
Location Code: Light Highway	Tape/Media #: R311-079	pipe length: 350.8 ft

Reason for inspection: Maintenance Related	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0127/1923-0128/1923	Lining Method:
	Category:

Remark::

1:561	position	observation	grade
			0 FT // 00:00:27 0 FT // 00:00:36 0 FT // 00:00:36 0 FT // 00:00:56 5 FT // 00:01:21
	1923-0127	Manhole, within 8 inch: NO, Remarks: 1923-0127	
	0.00	Vermin Cockroach, within 8 inch: NO	M 1
	0.00	Water Level, 5 %, within 8 inch: NO	M 2
	5.00	Water Mark, 5 %, within 8 inch: NO	M 2
	9.30	General Observation, within 8 inch: NO, Remarks: Pipe Joint Length 3'	
	18.00	Vermin Cockroach, within 8 inch: NO	M 1
	28.90	Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	
	36.20	Roots Fine Joint, from 10 to 2 o'clock, within 8 inch: YES	
	54.70 S1	Roots Fine Joint, from 8 to 4 o'clock, within 8 inch: YES, Start	
	108.40	Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	
	108.40	Roots Fine Lateral, at 10 o'clock, within 8 inch: NO	M 1
	118.80 F1	Roots Fine Joint, from 8 to 4 o'clock, within 8 inch: YES, End	
	128.30 S2	Roots Fine Joint, from 8 to 4 o'clock, within 8 inch: YES, Start	
	134.40 F2	Roots Fine Joint, from 8 to 4 o'clock, within 8 inch: YES, End	
	134.40	Crack Multiple, from 10 to 2 o'clock, within 8 inch: YES	S 3
	136.10	Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	
	146.60	Roots Fine Joint, from 3 to 4 o'clock, within 8 inch: YES	
	208.40	Crack Longitudinal, at 3 o'clock, within 8 inch: YES	S 2
	208.40	Roots Fine Joint, at 3 o'clock, within 8 inch: YES	
	209.80	Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	



Inspection report

Date: 20110623	P.O.#:	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 3000	PSR: 42971
Total Pipe Length: 343.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 06/21/2011	Pre-Cleaned: Jetting	Map Grid #: 1923

1:561	position	observation	grade
	<u>253.80</u>	Broken, from 9 to 4 o'clock, within 8 inch: YES	S 5
	<u>255.20</u>	Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	
	<u>255.20</u>	Roots Ball Lateral, at 10 o'clock, 95 %, within 8 inch: NO	M 4
	<u>259.80</u>	Crack Longitudinal, at 12 o'clock, within 8 inch: YES	S 2
	<u>265.50</u>	Roots Fine Joint, from 10 to 5 o'clock, within 8 inch: YES	
	<u>280.90</u>	Roots Fine Joint, at 10 o'clock, within 8 inch: YES	
	<u>308.80</u>	Crack Multiple, from 9 to 4 o'clock, within 8 inch: YES	S 3
	<u>310.10</u>	Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	
	<u>330.10</u>	Roots Fine Joint, at 10 o'clock, within 8 inch: YES	
	<u>346.40</u>	Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	
	<u>346.40</u>	Roots Ball Lateral, at 10 o'clock, 65 %, within 8 inch: NO	M 4
	<u>346.40</u>	Roots Fine Connection, at 10 o'clock, within 8 inch: NO	M 1
	<u>347.60</u>	Roots Fine Joint, at 10 o'clock, within 8 inch: YES	
	<u>349.30</u>	Water Level, 5 %, within 8 inch: NO	M 2
	<u>350.80</u>	Vermin Cockroach, within 8 inch: NO	M 1
	<u>350.80</u>	Manhole, within 8 inch: NO, Remarks: 1923-0128	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
5132	4223	15	19	34	3	1.9	2.27



Inspection report

Date: 20110715	P.O.#: Y0TV1011B	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 3588	PSR: 42933
Total Pipe Length: 344.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 07/14/2011	Pre-Cleaned: Jetting	Map Grid #:

Street: ECKLESON ST	Flow Control: Not Controlled	Start MH: 1923-0208
City: LAK	Year Renewed:	End MH: 1923-0207
Location Code: Light Highway	Tape/Media #: G312-087	pipe length: 356.5 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0207/1923-0208/1923	Lining Method:
	Category:

Remark::

1:800	position	observation	grade
1923			
			0 FT // 00:00:29 0 FT // 00:00:45 5 FT // 00:01:12 32 FT // 00:02:08 53.2 FT // 00:02:55
	1923-0208 0.00	Manhole, within 8 inch: NO, Remarks: 1923-0208	
	0.00	Water Level, 10 %, within 8 inch: NO	M 2
	5.00	Water Mark, 10 %, within 8 inch: NO	M 2
	32.00	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	53.20	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	82.90	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	94.90	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	137.50	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	158.60	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	185.90	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	194.70	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	228.20	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	271.20	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	301.40	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	313.20	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	325.10	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	339.90	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	353.30	Crack Circumferential, from 3 to 4 o'clock, within 8 inch: YES	S 1
	353.30	Crack Multiple, from 7 to 8 o'clock, within 8 inch: YES	S 3
	353.30 S1	Broken Soil Visible, from 3 to 7 o'clock, within 8 inch: YES, Start	S 5
	354.90 F1	Broken Soil Visible, from 3 to 7 o'clock, within 8 inch: YES, End	S 5
	356.50	Water Level, 10 %, within 8 inch: NO	M 2
	1923-0207 356.50	Manhole, within 8 inch: NO, Remarks: 1923-0207	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
5231	2300	14	6	20	3.5	2	2.86



Inspection report

Date: 20110707	P.O.#: Y0TV1011B	Weather: Dry	Surveyed By: Martin Garcia	section number: 3379	PSR: 42396
Total Pipe Length: 295.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 07/06/2011	Pre-Cleaned: Jetting	Map Grid #: 1924

Street: EASEMENT	Flow Control: Not Controlled	Start MH: 1924-0059
City: LAK	Year Renewed	End MH: 1924-0060
Location Code: Light Highway	Tape/Media #: M313-069	pipe length: 298.2 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0059/1924-0060/1924	Lining Method:
	Category:

Remark::

1:675	position	observation	grade
			0 FT // 00:00:23 0 FT // 00:00:37 37.1 FT // 00:02:04 46.5 FT // 00:02:41 47.9 FT // 00:02:58
	0.00	Manhole, within 8 inch: NO, Remarks: 1924-0059	
	0.00	Water Level, 10 %, within 8 inch: NO	M 2
	37.10	Tap Factory Capped, at 3 o'clock, 6", within 8 inch: NO	
	46.50	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	47.90	Crack Longitudinal, at 11 o'clock, within 8 inch: YES	S 2
	121.30	Tap Factory Capped, at 9 o'clock, 6", within 8 inch: NO	
	130.80	Tap Factory Defective, at 3 o'clock, 6", within 8 inch: NO	M 2
	130.80	Hole Soil Visible, at 3 o'clock, within 8 inch: NO, Remarks: IN LATERAL	S 5
	149.40	Crack Longitudinal, at 3 o'clock, within 8 inch: YES	S 2
	185.10	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	222.10	Tap Factory Capped, at 9 o'clock, 6", within 8 inch: NO	
	282.90	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	284.20	Crack Circumferential, from 11 to 5 o'clock, within 8 inch: YES	S 1
	296.70	Water Level, 10 %, within 8 inch: NO	M 2
	298.20	Manhole, within 8 inch: NO, Remarks: 1924-0060	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
5122	2300	10	6	16	2.5	2	2.29



Inspection report

Date: 20110707	P.O.#: Y0TV1011B	Weather: Dry	Surveyed By: Martin Garcia	section number: 3372	PSR: 42260
Total Pipe Length: 350.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 07/06/2011	Pre-Cleaned: Jetting	Map Grid #: 1924

Street: EASEMENT	Flow Control: Not Controlled	Start MH: 1924-0170
City: LAK	Year Renewed	End MH: 1924-0171
Location Code: Light Highway	Tape/Media #: M313-069	pipe length: 344 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0171/1924-0170/1924	Lining Method:
	Category:

Remark::

1:775	position	observation	grade
			0 FT // 00:00:21 0 FT // 00:00:33 0 FT // 00:01:11 0 FT // 00:01:43 24.5 FT // 00:03:21
	0.00	Manhole, within 8 inch: NO, Remarks: 1924-0170	
	0.00	Vermin Cockroach, within 8 inch: NO	M 1
	0.00	General Observation, within 8 inch: NO, Remarks: PIPE IS DIP	
	0.00	Water Level, 15 %, within 8 inch: NO	M 2
	24.50	Material Change, within 8 inch: NO, Remarks: PIPE CHANGES TO VCP	
	37.30	Roots Fine Joint, from 8 to 4 o'clock, within 8 inch: YES	
	62.20	Roots Fine Joint, at 2 o'clock, within 8 inch: YES	
	88.10	Water Level, 20 %, within 8 inch: NO	M 2
	118.80	Tap Factory Capped, at 9 o'clock, 6", within 8 inch: NO	
	119.90	Joint Offset Medium, within 8 inch: YES	S 1
	237.10	Water Level, 10 %, within 8 inch: NO	M 2
	258.10	Water Level, 20 %, within 8 inch: NO	M 2
	311.00	Roots Fine Joint, at 1 o'clock, within 8 inch: YES	
	323.90	Tap Factory Capped, at 9 o'clock, 6", within 8 inch: NO	
	342.00	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	343.50	Joint Offset Large, within 8 inch: YES	S 2
	343.50	Broken Void Visible, from 3 to 9 o'clock, within 8 inch: YES	S 5
	344.00	Abandoned Survey, within 8 inch: NO, Remarks: UNABLE TO PASS OFFSET JOI	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
5121	2411	8	9	17	2.67	1.8	2.13



Inspection report

Date: 20110609	P.O.#: Y0TV1011B	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 2767	PSR: 42730
Total Pipe Length: 371.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 06/06/2011	Pre-Cleaned: Jetting	Map Grid #: 1923

Street: ALLEY	Flow Control: Not Controlled	Start MH: 1923-0358
City: LAK	Year Renewed	End MH: 1923-0359
Location Code: Alley	Tape/Media #: R313-069	pipe length: 55.1 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0358/1923-0359/1923	Lining Method:
	Category:

Remark::

1:125	position	observation	grade
			0 FT // 00:00:32 0 FT // 00:00:46 5 FT // 00:01:18 19.1 FT // 00:01:53 55.1 FT // 00:03:40
	0.00	Manhole, within 8 inch: NO, Remarks: 1923-0358	
	0.00	Water Level, 10 %, within 8 inch: NO	M 2
	5.00	Water Mark, 25 %, within 8 inch: NO	M 2
	19.10	Tap Factory Abandoned, at 9 o'clock, 6", within 8 inch: NO	
	55.10	Broken Soil Visible, from 9 to 2 o'clock, within 8 inch: YES	S 5
	55.10	Abandoned Survey, within 8 inch: NO, Remarks: Due To Broken Pipe This I	
	55.10	Water Level, 10 %, within 8 inch: NO	M 2

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
5100	2300	5	6	11	5	2	2.75



Inspection report

Date: 20110624	P.O.#:	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 3013	PSR: 42992
Total Pipe Length: 272.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 06/23/2011	Pre-Cleaned: Jetting	Map Grid #: 1923

Street: PARAMOUNT BV	Flow Control: Not Controlled	Start MH: 1923-0146
City: LAK	Year Renewed	End MH: 1923-0147
Location Code: Light Highway	Tape/Media #: R311-080	pipe length: 267.4 ft

Reason for inspection: Maintenance Related	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0146/1923-0147/1923	Lining Method:
	Category:

Remark::

1:600	position	observation	grade
			0 FT // 00:00:28 0 FT // 00:00:44 5 FT // 00:01:11 17.7 FT // 00:01:44 25.3 FT // 00:02:25
	0.00	Manhole, within 8 inch: NO, Remarks: 1923-0146	
	0.00	Water Level, 10 %, within 8 inch: NO	M 2
	5.00	Water Mark, 10 %, within 8 inch: NO	M 2
	17.70	Tap Factory Capped, at 2 o'clock, 6", within 8 inch: NO	
	25.30	General Observation, within 8 inch: NO, Remarks: Pipe Joint Length 3'	
	69.70	Tap Factory Capped, at 2 o'clock, 6", within 8 inch: NO	
	108.90	Water Mark, 20 %, within 8 inch: NO	M 2
	118.70	Tap Factory Capped, at 2 o'clock, 6", within 8 inch: NO	
	167.50	Tap Factory Capped, at 2 o'clock, 6", within 8 inch: NO	
	207.80	Broken Void Visible, from 2 to 6 o'clock, within 8 inch: NO	S 5
	207.80	Obstacle Intruding Thru Wall, from 1 to 6 o'clock, 30 %, within 8 inch: NO	M 4
	213.50	Tap Factory Capped, at 2 o'clock, 6", within 8 inch: NO	
	264.90	Water Level, 10 %, within 8 inch: NO	M 2
	267.40	Manhole, within 8 inch: NO, Remarks: 1923-0147	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
5100	4124	5	12	17	5	2.4	2.83



Inspection report

Date: 20110707	P.O.#: Y0TV1011B	Weather: Dry	Surveyed By: Martin Garcia	section number: 3383	PSR: 42163
Total Pipe Length: 235.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 07/06/2011	Pre-Cleaned: Jetting	Map Grid #: 1924

Street: EASEMENT	Flow Control: Not Controlled	Start MH: 1924-0197
City: LAK	Year Renewed	End MH: 1924-CITY
Location Code: Light Highway	Tape/Media #: M313-069	pipe length: 383.3 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: CITY/1924-0197/1924	Lining Method:
	Category:

Remark::

1:875	position	observation	grade
			0 FT // 00:00:20 0 FT // 00:01:04 25 FT // 00:04:20 121.4 FT // 00:08:34 121.4 FT // 00:08:34
	1924-0197	Manhole, within 8 inch: NO, Remarks: 1924-0197	
	0.00	Water Level, 10 %, within 8 inch: NO	M 2
	25.00	Water Level, 5 %, within 8 inch: NO	M 2
	121.40	Roots Fine Joint, from 2 to 10 o'clock, within 8 inch: YES	
	127.00 S1	Roots Fine Joint, from 2 to 8 o'clock, within 8 inch: YES, Start	
	182.90 F1	Roots Fine Joint, from 2 to 8 o'clock, within 8 inch: YES, End	
	196.40	Roots Fine Joint, from 8 to 5 o'clock, within 8 inch: YES	
	210.70	Water Level, 10 %, within 8 inch: NO	M 2
	229.70	Roots Fine Joint, from 10 to 2 o'clock, within 8 inch: YES	
	304.40	Tap Factory, at 2 o'clock, 6", within 8 inch: NO	
	304.40	Roots Ball Lateral, at 2 o'clock, 95 %, within 8 inch: NO	M 4
	320.80	Roots Fine Joint, from 1 to 3 o'clock, within 8 inch: YES	
	322.50	Broken Void Visible, from 7 to 12 o'clock, within 8 inch: NO	S 5
	1924-CITY	End of Pipe, within 8 inch: NO, Remarks: 1924-CITY	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
5100	4123	5	10	15	5	2.5	3



Inspection report

Date: 20110718	P.O.#: Y0TV1011B	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 3595	PSR: 42928
Total Pipe Length: 340.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 07/15/2011	Pre-Cleaned: Jetting	Map Grid #:

Street: YEARLING ST	Flow Control: Not Controlled	Start MH: 1923-0201
City: LAK	Year Renewed	End MH: 1923-0202
Location Code: Light Highway	Tape/Media #: G312-088	pipe length: 303 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0201/1923-0202/1923	Lining Method:
	Category:

Remark::

1:330	position	observation	grade
			0 FT // 00:00:38 0 FT // 00:00:56 5.4 FT // 00:01:25 7.5 FT // 00:01:55 7.5 FT // 00:01:55
	1923		
	1923-0201	Manhole, within 8 inch: NO, Remarks: 1923-0201	
	0.00		
	0.00	Water Level, 10 %, within 8 inch: NO	M 2
	5.40	Water Mark, 15 %, within 8 inch: NO	M 2
	7.50	S1 Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES, Start	S 3
	17.90	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	33.10	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	62.50	S2 Fracture Multiple, from 7 to 5 o'clock, within 8 inch: YES, Start	S 4
	62.50	Broken, from 7 to 9 o'clock, within 8 inch: YES	S 4
	63.80	Tap Factory Defective, at 9 o'clock, 6", within 8 inch: NO	M 2
	63.80	F2 Fracture Multiple, from 7 to 5 o'clock, within 8 inch: YES, End	S 4
	65.80	Fracture Longitudinal, at 4 o'clock, within 8 inch: YES	S 3
	66.30	Tap Factory Defective, at 3 o'clock, 6", within 8 inch: NO	M 2
	66.30	S3 Fracture Longitudinal, at 3 o'clock, within 8 inch: YES, Start	S 3
	67.40	F3 Fracture Longitudinal, at 3 o'clock, within 8 inch: YES, End	S 3
	87.30	Water Level, 25 %, within 8 inch: NO	M 2
	92.40	S4 Water Level Sag, 40 %, within 8 inch: NO, Start	M 3
	95.60	Fracture Multiple, from 7 to 5 o'clock, within 8 inch: YES	S 4
	96.70	Tap Factory Defective, at 9 o'clock, 6", 2, within 8 inch: NO	M 2
	111.70	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	116.50	F4 Water Level Sag, 40 %, within 8 inch: NO, End	M 3
	116.50	Water Level, 15 %, within 8 inch: NO	M 2
	125.60	Water Level, 10 %, within 8 inch: NO	M 2
	147.00	Deposits Attached Encrustation, from 7 to 5 o'clock, 10 %, within 8 inch: YES	M 2
	147.00	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	S 3



Inspection report

Date: 20110718	P.O.#: Y0TV1011B	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 3595	PSR: 42928
Total Pipe Length: 340.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 07/15/2011	Pre-Cleaned: Jetting	Map Grid #:

1:330	position	observation	grade
	156.50	S5 Deposits Attached Encrustation, from 7 to 5 o'clock, 10 %, within 8 inch: YES, Start	M 2
	160.90	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	163.50	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	197.30	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	211.10	Fracture Multiple, from 7 to 5 o'clock, within 8 inch: YES	S 4
	212.30	Tap Factory Defective, at 9 o'clock, 6", within 8 inch: NO	M 2
	274.00	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	276.60	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	299.60	F1 Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES, End	S 3
	299.60	F5 Deposits Attached Encrustation, from 7 to 5 o'clock, 10 %, within 8 inch: YES, End	M 2
	302.60	Crack Longitudinal, at 4 o'clock, within 8 inch: YES	S 2
	302.60	Crack Longitudinal, at 9 o'clock, within 8 inch: NO	S 2
	303.00	Water Level, 10 %, within 8 inch: NO	M 2
	303.00	Manhole, within 8 inch: NO, Remarks: 1923-0202	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
4536	322B	42	32	74	3.23	2.13	2.64



Inspection report

Date: 20110608	P.O.#:	Weather: Dry	Surveyed By: Martin Garcia	section number: 2717	PSR: 42521
Total Pipe Length: 387.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 06/07/2011	Pre-Cleaned: Jetting	Map Grid #: 0

Street: HAZELBROOK AV	Flow Control: Not Controlled	Start MH: 1923-0635
City: LAK	Year Renewed	End MH: 1923-0636
Location Code: Light Highway	Tape/Media #: M317-053	pipe length: 347.6 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0635/1923-0636/1923	Lining Method:
	Category:

Remark::

1:775	position	observation	grade
	0		
			0 FT // 00:00:21 0 FT // 00:00:28 0 FT // 00:00:37 35.4 FT // 00:01:46 35.4 FT // 00:01:46
	1923-0635	Manhole, within 8 inch: NO, Remarks: 1923-0635	
	0.00	Vermin Cockroach, within 8 inch: NO	M 1
	0.00	Water Level, 15 %, within 8 inch: NO	M 2
	35.40	Crack Circumferential, from 2 to 5 o'clock, within 8 inch: YES	S 1
	57.10	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	S 3
	57.10	Fracture Multiple, from 7 to 9 o'clock, within 8 inch: YES	S 4
	60.30	Crack Multiple, from 9 to 5 o'clock, within 8 inch: YES	S 3
	66.20 S1	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES, Start	S 3
	73.60	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	103.00	Fracture Multiple, from 8 to 10 o'clock, within 8 inch: YES	S 4
	126.30	Tap Factory Capped, at 3 o'clock, 6", within 8 inch: NO	
	126.30	Vermin Cockroach, within 8 inch: NO	M 1
	166.30	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	186.30	Fracture Multiple, from 4 to 9 o'clock, within 8 inch: YES	S 4
	231.00	Tap Factory Capped, at 2 o'clock, 6", within 8 inch: NO	
	231.00	Vermin Cockroach, within 8 inch: NO	M 1
	238.20	Tap Break-in Active, at 3 o'clock, 6", within 8 inch: NO	
	302.20	Tap Factory Capped, at 3 o'clock, 6", within 8 inch: NO	
	342.80 F1	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES, End	S 3
	347.60	Water Level, 15 %, within 8 inch: NO	M 2
	347.60	Vermin Cockroach, within 8 inch: NO	M 1
	347.60	Manhole, within 8 inch: NO, Remarks: 1923-0636	
	8		

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
4334	2214	25	8	33	3.13	1.33	2.36



Inspection report

Date: 20110607	P.O.#:	Weather: Dry	Surveyed By: Martin Garcia	section number: 2702	PSR: 42672
Total Pipe Length: 241.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 06/06/2011	Pre-Cleaned: Jetting	Map Grid #: 0

Street: BARLIN AV	Flow Control: Not Controlled	Start MH: 1923-0417
City: LAK	Year Renewed	End MH: 1923-0418
Location Code: Light Highway	Tape/Media #: M317-052	pipe length: 353 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0417/1923-0418/1923	Lining Method:
	Category:

Remark::

1:363	position	observation	grade
1			
	0.00	Manhole, within 8 inch: NO, Remarks: 1923-0417	0 FT // 00:00:30
	0.00	Vermin Cockroach, within 8 inch: NO	0 FT // 00:00:37
	0.00	Water Level, 15 %, within 8 inch: NO	0 FT // 00:00:52
	7.30	Water Level, 20 %, within 8 inch: NO	7.3 FT // 00:01:13
	18.60	Tap Factory Defective, at 9 o'clock, 6", within 8 inch: NO	18.6 FT // 00:01:55
	18.60	Crack Circumferential, from 10 to 8 o'clock, within 8 inch: NO, Remarks: IN LATERAL	S 1
	18.80	Crack Longitudinal, at 12 o'clock, within 8 inch: NO	S 2
	23.10	Crack Longitudinal, at 3 o'clock, within 8 inch: YES	S 2
	38.60	Fracture Multiple, from 9 to 3 o'clock, within 8 inch: YES	S 4
	39.70	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	75.00	Crack Circumferential, from 3 to 10 o'clock, within 8 inch: YES	S 1
	78.10	Crack Longitudinal, at 10 o'clock, within 8 inch: YES	S 2
	87.30	Fracture Longitudinal, at 2 o'clock, within 8 inch: YES	S 3
	87.30	Crack Multiple, from 9 to 3 o'clock, within 8 inch: YES	S 3
	93.50	Crack Circumferential, from 9 to 3 o'clock, within 8 inch: YES	S 1
	96.70	Crack Multiple, from 8 to 4 o'clock, within 8 inch: YES	S 3
	97.40	Tap Factory Defective, at 9 o'clock, 6", within 8 inch: NO	M 2
	97.40	Fracture Circumferential, from 6 to 6 o'clock, within 8 inch: NO, Remarks: IN LATERAL	S 2
	97.70	Crack Circumferential, from 11 to 2 o'clock, within 8 inch: NO	S 1
	99.10	Crack Circumferential, from 11 to 2 o'clock, within 8 inch: YES	S 1
	100.30	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	113.90	Crack Circumferential, from 10 to 2 o'clock, within 8 inch: YES	S 1
	117.10	Fracture Multiple, from 10 to 4 o'clock, within 8 inch: YES	S 4
	123.10	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES, Start	S 3
	141.50	Fracture Multiple, from 10 to 5 o'clock, within 8 inch: YES	S 4



Inspection report

Date: 20110607	P.O.#:	Weather: Dry	Surveyed By: Martin Garcia	section number: 2702	PSR: 42672
Total Pipe Length: 241.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 06/06/2011	Pre-Cleaned: Jetting	Map Grid #: 0

1:363	position	observation	grade
	141.50	Fracture Multiple, from 10 to 5 o'clock, within 8 inch: YES	S 4
	142.80	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	142.80	Roots Fine Lateral, at 3 o'clock, within 8 inch: NO	M 1
	145.40	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	177.00	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES, End	S 3
	186.60	Crack Circumferential, from 1 to 2 o'clock, within 8 inch: YES	S 1
	189.60	Crack Circumferential, from 12 to 3 o'clock, within 8 inch: YES	S 1
	190.80	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	198.50	Crack Multiple, from 8 to 4 o'clock, within 8 inch: YES	S 3
	199.60	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	213.50	Water Level, 25 %, within 8 inch: NO	M 2
	228.50	Crack Multiple, from 9 to 3 o'clock, within 8 inch: YES	S 3
	251.30	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	256.80	Tap Factory Defective, at 9 o'clock, 6", within 8 inch: NO	M 2
	256.80	Crack Circumferential, from 6 to 6 o'clock, within 8 inch: NO, Remarks: IN LATERAL	S 1
	299.40	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	311.20	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	321.80	Crack Multiple, from 8 to 4 o'clock, within 8 inch: YES	S 3
	353.00	Water Level, 15 %, within 8 inch: NO	M 2
	353.00	Vermin Cockroach, within 8 inch: NO	M 1
	353.00	Manhole, within 8 inch: NO, Remarks: 1923-0418	

24

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
4338	2713	53	17	70	2.21	1.7	2.06



Inspection report

Date: 20110715	P.O.#: Y0TV1011B	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 3591	PSR: 42935
Total Pipe Length: 344.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 07/14/2011	Pre-Cleaned: Jetting	Map Grid #:

Street: ECKLESON ST	Flow Control: Not Controlled	Start MH: 1923-0209
City: LAK	Year Renewed:	End MH: 1923-0210
Location Code: Light Highway	Tape/Media #: G312-087	pipe length: 302.9 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0209/1923-0210/1923	Lining Method:
	Category:

Remark::

1:561	position	observation	grade
			0 FT // 00:00:34 0 FT // 00:00:47 0.5 FT // 00:01:14 0.5 FT // 00:01:14 8.7 FT // 00:02:00
	1923		
	1923-0209	Manhole, within 8 inch: NO, Remarks: 1923-0209	
	0.00	Water Level, 10 %, within 8 inch: NO	M 2
	0.50	Crack Circumferential, from 7 to 6 o'clock, within 8 inch: NO	S 1
	8.70	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	S 3
	10.10	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	17.60	Crack Multiple, from 7 to 2 o'clock, within 8 inch: YES	S 3
	18.90	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	40.10	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	78.30	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	S 3
	79.70	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	108.40	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	S 3
	108.40	Roots Fine Joint, from 1 to 4 o'clock, within 8 inch: YES	
	109.90	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	111.20	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	
	111.20 S1	Fracture Multiple, from 7 to 5 o'clock, within 8 inch: YES, Start	S 4
	112.70	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	113.80 F1	Fracture Multiple, from 7 to 5 o'clock, within 8 inch: YES, End	S 4
	167.70	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	189.10	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	233.90 S2	Crack Multiple, from 10 to 5 o'clock, within 8 inch: YES, Start	S 3
	235.30	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	237.70	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	



Inspection report

Date: 20110715	P.O.#: Y0TV1011B	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 3591	PSR: 42935
Total Pipe Length: 344.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 07/14/2011	Pre-Cleaned: Jetting	Map Grid #:

1:561	position	observation	grade
	<u>263.90</u>	Fracture Multiple, from 7 to 5 o'clock, within 8 inch: YES	S 4
	<u>265.30</u>	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	<u>269.70</u>	Fracture Multiple, from 7 to 3 o'clock, within 8 inch: YES	S 4
	<u>270.90</u>	Tap Factory Defective, at 9 o'clock, 6", within 8 inch: NO	M 2
	<u>270.90</u>	Crack Multiple, from 8 to 10 o'clock, within 8 inch: NO	S 3
	<u>297.00</u>	Roots Fine Joint, from 1 to 5 o'clock, within 8 inch: YES	
	<u>298.30</u>	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	<u>302.80</u>	Water Level, 10 %, within 8 inch: NO	M 2
	<u>302.90</u> F2	Crack Multiple, from 10 to 5 o'clock, within 8 inch: YES, End	S 3
	<u>302.90</u>	Vermin Cockroach, within 8 inch: NO	M 1
	<u>302.90</u>	Manhole, within 8 inch: NO, Remarks: 1923-0210	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
4437	2311	38	7	45	3.17	1.75	2.81



Inspection report

Date: 20110714	P.O.#: Y0TV1011B	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 3566	PSR: 42841
Total Pipe Length: 346.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 07/13/2011	Pre-Cleaned: Heavy Cleaning	Map Grid #:

Street: PARAMOUNT BV	Flow Control: Not Controlled	Start MH: 1923-0236
City: LAK	Year Renewed:	End MH: 1923-0235
Location Code: Main Highway - Suburban/Rural	Tape/Media #: G312-086	pipe length: 323.8 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 10"/10"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0235/1923-0236/1923	Lining Method:
	Category:

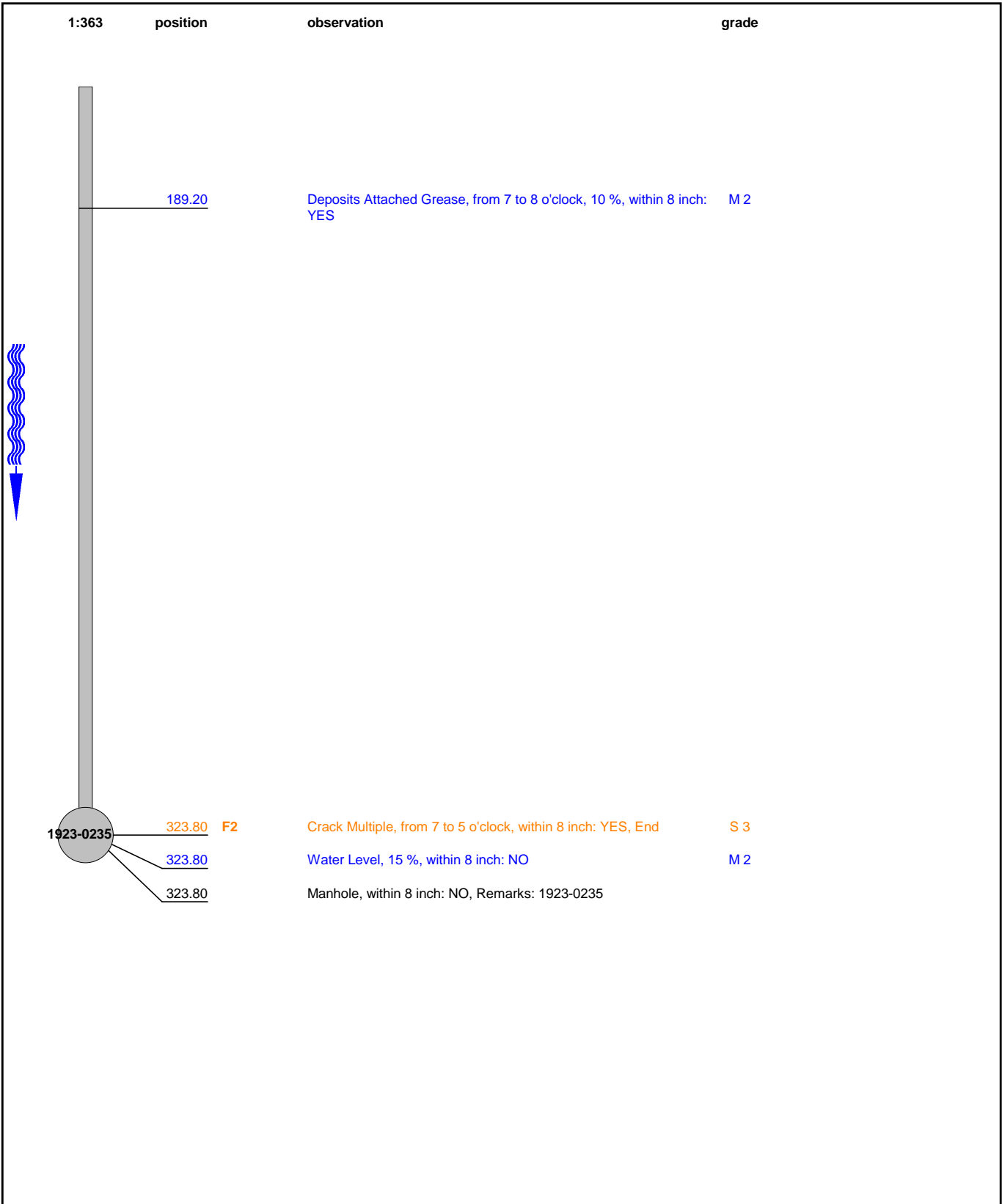
Remark::

1:363	position	observation	grade
	1923		
	0.00	Manhole, within 8 inch: NO, Remarks: 1923-0236	0 FT // 00:00:36
	0.00	Water Level, 15 %, within 8 inch: NO	0 FT // 00:00:48
	6.00	Water Mark, 10 %, within 8 inch: NO	6 FT // 00:01:52
	8.00	Fracture Multiple, from 7 to 5 o'clock, within 8 inch: YES	8 FT // 00:02:13
	8.10	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	
	9.60	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	14.90	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	S 3
	14.90	Roots Fine Joint, from 7 to 10 o'clock, within 8 inch: YES	
	23.20	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	S 3
	23.20	Roots Fine Joint, from 3 to 5 o'clock, within 8 inch: YES	
	39.90	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	S 3
	44.20	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	S 3
	45.40	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	45.40	Roots Fine Connection, from 7 to 9 o'clock, within 8 inch: NO	M 1
	49.60 S1	Water Level Sag, 35 %, within 8 inch: NO, Start	M 3
	51.10	Fracture Multiple, from 10 to 5 o'clock, within 8 inch: YES	S 4
	51.10	Roots Medium Joint, from 7 to 10 o'clock, 30 %, within 8 inch: YES	
	59.20 S2	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES, Start	S 3
	59.20	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	
	71.70 F1	Water Level Sag, 35 %, within 8 inch: NO, End	M 3
	71.70	Water Level, 15 %, within 8 inch: NO	M 2
	98.00	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	99.30	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	
	132.40	Roots Fine Joint, from 7 to 10 o'clock, within 8 inch: YES	
	163.10	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	



Inspection report

Date: 20110714	P.O.#: Y0TV1011B	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 3566	PSR: 42841
Total Pipe Length: 346.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 07/13/2011	Pre-Cleaned: Heavy Cleaning	Map Grid #:



QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
4236	3225	26	17	43	3.25	2.13	2.69



Inspection report

Date: 20110707	P.O.#: Y0TV1011B	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 3282	PSR: 42369
Total Pipe Length: 276.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 07/06/2011	Pre-Cleaned: Jetting	Map Grid #:

Street: MAYBANK AV	Flow Control: Not Controlled	Start MH: 1924-0031
City: LAK	Year Renewed	End MH: 1924-0032
Location Code: Light Highway	Tape/Media #: G312-081	pipe length: 338.7 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0031/1924-0032/1924	Lining Method:
	Category:

Remark::

1:627	position	observation	grade
	1924		
			0 FT // 00:00:19 0 FT // 00:00:27 0 FT // 00:01:04 5 FT // 00:01:29 15.7 FT // 00:02:06
	1924-0031	Manhole, within 8 inch: NO, Remarks: 1924-0031	
	0.00		
	0.00	Vermin Cockroach, within 8 inch: NO	M 1
	0.00	Water Level, 10 %, within 8 inch: NO	M 2
	5.00	Water Mark, 10 %, within 8 inch: NO	M 2
	15.70	Crack Longitudinal, at 3 o'clock, within 8 inch: YES	S 2
	18.80	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	
	20.10	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	83.30	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	S 3
	84.70	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	119.80	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES, Start	S 3
	119.80	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, Start	
	120.90	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	151.60	Tap Factory Defective, at 3 o'clock, 6", within 8 inch: NO	M 2
	151.60	Fracture Circumferential, from 2 to 4 o'clock, within 8 inch: NO	S 2
	164.40	Fracture Multiple, from 4 to 8 o'clock, within 8 inch: YES	S 4
	165.40	Broken, from 4 to 5 o'clock, within 8 inch: YES, Start	S 4
	167.70	Deformed, 10 %, within 8 inch: NO, Start	S 4
	171.50	Broken, from 4 to 5 o'clock, within 8 inch: YES, End	S 4
	171.50	Deformed, 10 %, within 8 inch: NO, End	S 4
	187.80	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	219.90	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, End	
	221.50	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	230.20	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	270.50	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	



Inspection report

Date: 20110707	P.O.#: Y0TV1011B	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 3282	PSR: 42369
Total Pipe Length: 276.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 07/06/2011	Pre-Cleaned: Jetting	Map Grid #:

1:627	position	observation	grade
	295.10	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	299.40 S5	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, Start	
	328.90	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	337.70	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	338.70 F1	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES, End	S 3
	338.70 F5	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, End	
	338.70	Water Level, 10 %, within 8 inch: NO	M 2
	338.70	Vermin Cockroach, within 8 inch: NO	M 1
	338.70	Manhole, within 8 inch: NO, Remarks: 1924-0032	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
4533	2412	33	10	43	3.3	1.67	2.69



Inspection report

Date: 20110613	P.O.#: Y0TV1011B	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 2889	PSR: 42621
Total Pipe Length: 315.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 06/10/2011	Pre-Cleaned: Jetting	Map Grid #:

Street: CASTANA AV	Flow Control: Not Controlled	Start MH: 1923-0477
City: LAK	Year Renewed	End MH: 1923-0476
Location Code: Light Highway	Tape/Media #: G312-068	pipe length: 352.9 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0476/1923-0477/1923	Lining Method:
	Category:

Remark::

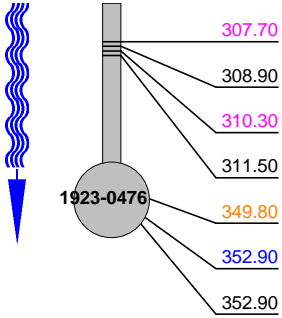
1:660	position	observation	grade
	1923		
			0 FT // 00:00:32 0 FT // 00:00:43 0 FT // 00:00:51 4.2 FT // 00:01:10 5.8 FT // 00:01:35
	1923-0477	Manhole, within 8 inch: NO, Remarks: 1923-0477	
	0.00		
	0.00	Water Level, 10 %, within 8 inch: NO	M 2
	0.00	Water Mark, 10 %, within 8 inch: NO	M 2
	4.20	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	5.80	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	S 3
	5.80	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	
	6.90	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	46.00	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	51.90	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	100.40	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	121.30	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	148.80	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	157.30	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	205.90	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	208.70	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	234.50	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES, Start	S 3
	234.50	Roots Fine Joint, from 3 to 9 o'clock, within 8 inch: YES	
	235.90	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	235.90	Roots Fine Lateral, at 3 o'clock, within 8 inch: NO	M 1
	237.10	Roots Fine Joint, from 3 to 5 o'clock, within 8 inch: YES	
	253.00	Fracture Circumferential, from 7 to 9 o'clock, within 8 inch: YES	S 2
	259.90	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	



Inspection report

Date: 20110613	P.O.#: Y0TV1011B	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 2889	PSR: 42621
Total Pipe Length: 315.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 06/10/2011	Pre-Cleaned: Jetting	Map Grid #:

1:660	position	observation	grade
	307.70	Fracture Multiple, from 7 to 5 o'clock, within 8 inch: YES	S 4
	308.90	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	310.30	Fracture Multiple, from 7 to 5 o'clock, within 8 inch: YES	S 4
	311.50	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	349.80 F1	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES, End	S 3
	352.90	Water Level, 10 %, within 8 inch: NO	M 2
	352.90	Manhole, within 8 inch: NO, Remarks: 1923-0476	



QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
4233	2311	19	7	26	3.17	1.75	2.6



Inspection report

Date: 20110608	P.O.#: Y0TV1011B	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 2852	PSR: 42741
Total Pipe Length: 295.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 06/07/2011	Pre-Cleaned: Jetting	Map Grid #:

Street: HAYTER AV	Flow Control: Not Controlled	Start MH: 1923-0379
City: LAK	Year Renewed	End MH: 1923-0372
Location Code: Light Highway	Tape/Media #: G312-065	pipe length: 355.4 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0372/1923-0379/1923	Lining Method:
	Category:

Remark::

1:800	position	observation	grade
1923			
			0 FT // 00:00:31
			0 FT // 00:00:38
			0 FT // 00:00:48
			4 FT // 00:01:20
			4 FT // 00:01:20
1923-0379	0.00	Manhole, within 8 inch: NO, Remarks: 1923-0379	
	0.00	Vermin Cockroach, within 8 inch: NO	M 1
	0.00	Water Level, 15 %, within 8 inch: NO	M 2
	4.00	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	S 3
	5.10	Water Mark, 10 %, within 8 inch: NO	M 2
	28.50 S1	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES, Start	S 3
	52.80 S2	Water Level Sag, 30 %, within 8 inch: NO, Start	M 2
	63.00	Water Level, 15 %, within 8 inch: NO	M 2
	71.90	Tap Break-in Active, at 9 o'clock, 4", within 8 inch: NO	
	108.90 F2	Water Level Sag, 30 %, within 8 inch: NO, End	M 2
	108.90	Water Level, 15 %, within 8 inch: NO	M 2
	112.30	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	114.80	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	137.00	Fracture Multiple, from 7 to 5 o'clock, within 8 inch: YES	S 4
	165.60	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	202.40	Tap Factory Capped, at 3 o'clock, 6", within 8 inch: NO	
	222.40	Tap Break-in Defective, at 3 o'clock, 4", within 8 inch: NO	M 3
	271.50 S3	Water Level Sag, 35 %, within 8 inch: NO, Start	M 3
	342.20 F3	Water Level Sag, 35 %, within 8 inch: NO, End	M 3
	342.20	Water Level, 15 %, within 8 inch: NO	M 2
	351.90 F1	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES, End	S 3
	355.40	Water Level, 15 %, within 8 inch: NO	M 2
	355.40	Vermin Cockroach, within 8 inch: NO	M 1
	355.40	Manhole, within 8 inch: NO, Remarks: 1923-0372	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
4133	3328	13	27	40	3.25	2.08	2.35



Inspection report

Date: 20110711	P.O.#: Y0TV1011B	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 3539	PSR: 42847
Total Pipe Length: 294.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 07/08/2011	Pre-Cleaned: Jetting	Map Grid #:

Street: PARAMOUNT BV	Flow Control: Not Controlled	Start MH: 1924-0078
City: LAK	Year Renewed:	End MH: 1923-0241
Location Code: Main Highway - Suburban/Rural	Tape/Media #: G312-083	pipe length: 354.8 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0078/1924-0241/1923	Lining Method:
	Category:

Remark::

1:800	position	observation	grade
1924			
		0 FT // 00:00:31	
		0 FT // 00:00:47	
		5 FT // 00:01:39	
		7.6 FT // 00:02:05	
		7.6 FT // 00:02:05	
1924-0078	0.00	Manhole, within 8 inch: NO, Remarks: 1924-0078	
	0.00	Water Level, 15 %, within 8 inch: NO	M 2
	5.00	Water Mark, 15 %, within 8 inch: NO	M 2
	7.60	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	S 3
	17.10 S1	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES, Start	S 3
	58.20	Tap Factory Active, at 12 o'clock, 6", within 8 inch: NO	
	155.20 S2	Water Level Sag, 40 %, within 8 inch: NO, Start	M 3
	160.20	Tap Factory Active, at 12 o'clock, 6", within 8 inch: NO	
	190.30 F1	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES, End	S 3
	190.30 F2	Water Level Sag, 40 %, within 8 inch: NO, End	M 3
	190.30	Water Level, 15 %, within 8 inch: NO	M 2
	215.00 S3	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES, Start	S 3
	265.30	Tap Factory Active, at 12 o'clock, 6", within 8 inch: NO	
	335.90	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	
	335.90	Fracture Multiple, from 7 to 5 o'clock, within 8 inch: YES	S 4
	345.30	Roots Fine Joint, from 3 to 5 o'clock, within 8 inch: YES	
	352.10 F3	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES, End	S 3
	354.80	Water Level, 15 %, within 8 inch: NO	M 2
	354.80	Vermin Cockroach, within 8 inch: NO	M 1
	354.80	Manhole, within 8 inch: NO, Remarks: 1923-0241	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
4135	3224	19	15	34	3.17	2.14	2.62



Inspection report

Date: 20110711	P.O.#: Y0TV1011B	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 3541	PSR: 42845
Total Pipe Length: 331.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 07/08/2011	Pre-Cleaned: Jetting	Map Grid #:

Street: PARAMOUNT BV	Flow Control: Not Controlled	Start MH: 1923-0240
City: LAK	Year Renewed:	End MH: 1923-0239
Location Code: Main Highway - Suburban/Rural	Tape/Media #: G312-083	pipe length: 353.2 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 10"/10"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0239/1923-0240/1923	Lining Method:
	Category:

Remark::

1:800	position	observation	grade
1923			
			0 FT // 00:00:30
			0 FT // 00:00:36
			0 FT // 00:00:47
			5 FT // 00:01:54
			5 FT // 00:02:02
	0.00	Manhole, within 8 inch: NO, Remarks: 1923-0240	
	0.00	Vermin Cockroach, within 8 inch: NO	M 1
	0.00	Water Level, 15 %, within 8 inch: NO	M 2
	5.00	Water Level, 15 %, within 8 inch: NO	M 2
	5.00	Water Mark, 15 %, within 8 inch: NO	M 2
	9.50 S1	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES, Start	S 3
	93.60	Tap Factory Active, at 12 o'clock, 6", within 8 inch: NO	
	194.90	Tap Factory Active, at 12 o'clock, 6", within 8 inch: NO	
	209.50	Fracture Multiple, from 7 to 5 o'clock, within 8 inch: YES	S 4
	209.50	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	
	301.70	Tap Factory Active, at 12 o'clock, 6", within 8 inch: NO	
	352.20 F1	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES, End	S 3
	353.20	Water Level, 15 %, within 8 inch: NO	M 2
	353.20	Manhole, within 8 inch: NO, Remarks: 1923-0239	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
4132	2411	10	9	19	3.33	1.8	2.38




Inspection report

Date: 20110609	P.O.#: Y0TV1011B	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 2866	PSR: 42683
Total Pipe Length: 339.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 06/08/2011	Pre-Cleaned: Jetting	Map Grid #:

Street: HAYTER AV	Flow Control: Not Controlled	Start MH: 1923-0429
City: LAK	Year Renewed	End MH: 1923-0430
Location Code: Light Highway	Tape/Media #: G312-066	pipe length: 354.6 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0429/1923-0430/1923	Lining Method:
	Category:

Remark::

1:800	position	observation	grade
1923			
			0 FT // 00:00:37 0 FT // 00:00:51 13.6 FT // 00:01:57 13.6 FT // 00:01:57 20.4 FT // 00:02:27
	0.00	Manhole, within 8 inch: NO, Remarks: 1923-0429	
	0.00	Water Level, 10 %, within 8 inch: NO	M 2
	13.60	Crack Circumferential, from 2 to 5 o'clock, within 8 inch: YES	S 1
	20.40	Water Mark, 10 %, within 8 inch: NO	M 2
	24.80	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	24.80	Roots Fine Lateral, at 9 o'clock, within 8 inch: NO	M 1
	29.70 S1	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES, Start	S 3
	58.30	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	88.40	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	88.40	Fracture Multiple, from 2 to 5 o'clock, within 8 inch: NO	S 4
	134.10	Roots Fine Joint, from 7 to 10 o'clock, within 8 inch: YES	
	156.70	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	162.80	Tap Factory Capped, at 3 o'clock, 6", within 8 inch: NO	
	162.80	Vermin Cockroach, within 8 inch: NO	M 1
	279.40	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	282.00	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	340.10	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	342.60	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	354.50 F1	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES, End	S 3
	354.60	Water Level, 15 %, within 8 inch: NO	M 2
	354.60	Vermin Cockroach, within 8 inch: NO	M 1
	354.60	Manhole, within 8 inch: NO, Remarks: 1923-0430	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
4132	2313	11	9	20	2.75	1.5	2



Inspection report

Date: 20110608	P.O.#: Y0TV1011B	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 2851	PSR: 42749
Total Pipe Length: 339.00	Survey Customer: LACDPW	System Owner: LAK	Clean Date: 06/07/2011	Pre-Cleaned: Jetting	Map Grid #:

Street: HAYTER AV	Flow Control: Not Controlled	Start MH: 1923-0427
City: LAK	Year Renewed	End MH: 1923-0379
Location Code: Light Highway	Tape/Media #: G312-065	pipe length: 308.5 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0379/1923-0427/1923	Lining Method:
	Category:

Remark::

1:700	position	observation	grade
1923			
			0 FT // 00:00:32
			0 FT // 00:00:44
			5 FT // 00:01:22
			6.7 FT // 00:01:41
			6.7 FT // 00:01:41
	0.00	Manhole, within 8 inch: NO, Remarks: 1923-0427	
	0.00	Water Level, 10 %, within 8 inch: NO	M 2
	5.00	Water Mark, 10 %, within 8 inch: NO	M 2
	6.70 S1	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES, Start	S 3
	42.10	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	
	55.10	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	94.20	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	
	104.30	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	
	119.60	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	142.70	Tap Factory Capped, at 9 o'clock, 6", within 8 inch: NO	
	142.70	Vermin Cockroach, within 8 inch: NO	M 1
	176.50	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	
	188.80	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	
	277.60 S2	Fracture Multiple, from 7 to 5 o'clock, within 8 inch: YES, Start	S 4
	281.10 F2	Fracture Multiple, from 7 to 5 o'clock, within 8 inch: YES, End	S 4
	298.30 S3	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES, Start	S 3
	305.00 F3	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES, End	S 3
	308.40 F1	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES, End	S 3
	308.50	Water Level, 10 %, within 8 inch: NO	M 2
	308.50	Vermin Cockroach, within 8 inch: NO	M 1
	308.50	Manhole, within 8 inch: NO, Remarks: 1923-0379	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
4234	2312	20	8	28	3.33	1.6	2.55