



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

IN REPLY PLEASE

REFER TO FILE: **SM-1**

June 30, 2010

Mr. Bill Tidwell, Public Services Manager
City of Temple City
9701 Las Tunas Drive
Temple City, California 91780

Attention Mr. Joe Lambert

Dear Mr. Tidwell:

CONSOLIDATED SEWER MAINTENANCE DISTRICT CONDITION ASSESSMENT PROGRAM REPORT PROJECT NO. Y0TV0809A

This letter is to inform you that as part of the Sewer Condition Assessment Program, the County of Los Angeles Department of Public Works Consolidated Sewer Maintenance District has completed the closed-circuit television inspection of 176,266 feet or 43.2 percent of the City of Temple City's sewer system.

The enclosed report outlines the structural and maintenance ratings of your system based on the Pipeline Assessment and Certification Program's 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)
- Quick Structural Rating Report Priority List and Quick Structural Rating Map (Enclosure 3)
- Infrastructure Inspection Reports for Grades 4 and 5 (Enclosure 4)

Mr. Bill Tidwell
June 30, 2010
Page 2

The Condition Assessment Report will provide you with details regarding the maintenance and structural condition of your City's sewer mainlines. This information can 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, in some instances, incorporated into our routine cleaning schedule for continued monitoring. In addition, the segments with severe structural defects have either been repaired or will be scheduled for repair as part of the 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, from 7 a.m. to 4 p.m., or at rswartz@dpw.lacounty.gov.

Very truly yours,

GAIL FARBER
Director of Public Works



JOHN T. WALKER
Assistant Deputy Director
Sewer Maintenance Division

HK:gy
H:\SMHOME\GYoung\Memos.Letters\1871.docx

Enc.

bc: Programs Development (Manning)
JW, KL,RS, FV, File (Project YOTV0809A), SPINDLE

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

PROJECT NAME:	Y0TV0809A	PROJECT MGR:	Phyo Kyaw
PROJECT DATE:	08/11/08-01/23/09	CONTACT NO:	(626) 300-3369
SUP. DISTRICT(s):	5	MAP PAGE(S):	2018,2071,2072,2121
Report By:	Hanna Kebede	Report Date:	05/17/2010

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 176,266 feet or approximately 43.2 percent of the City of Temple City’s sewer system.

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

PROJECT AREA AND DESCRIPTION

Project Y0TV0809A included sewer lines located in Cities of Baldwin Park, Rosemead, and Temple City and in the Unincorporated County of Los Angeles area. Enclosed for your reference is an overview map of the project area (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	Description	Estimate time to Failure
1:	EXCELLENT: Minor Defects.	Unlikely in the foreseeable future
2:	GOOD: Defects that have not begun to deteriorate.	20 years or more
3:	FAIR: Moderate defects that will continue to deteriorate.	10 to 20 years
4:	POOR: Severe defects that will become grade 5 defects within the foreseeable future.	5 to 10 years
5:	IMMEDIATE ATTENTION: Defects requiring immediate attention.	Has failed or will likely fail within the next 5 years

MAINTENANCE REPORT

Our inspection revealed that approximately 88.8 percent of the system televised was free of blockages or restrictions that would impede sewer flows. However, the remaining 11.2 percent of the inspected pipe segments within the City of Temple City area had a PACP maintenance grade of 4 or 5 as indicated in the Quick Maintenance Rating Table shown below. These segments have been incorporated into our routine cleaning schedule with corrective action taken as noted on the Quick Maintenance Rating Report Priority List (Enclosure 2).

Also included is a list of maintenance deficiencies discovered inside the lateral connection to the mainline. The District does not maintain lateral lines; it is the responsibility of the parcel owner to maintain their respective lateral lines to facilitate the flow of wastewater from their property to the mainline. Therefore, these lines were not included on the Priority List identified with maintenance deficiencies in need of immediate attention by the District. A letter will be sent to the lateral owner notifying them of the maintenance issues discovered in their lateral. A sample lateral notice letter is provided in Enclosure 2 for your reference.

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: Excellent	112,993	64.1	518
2: Good	18,274	10.4	76
3: Fair	25,210	14.3	107
4: Poor	19,085	10.8	76
5: Immediate Attention	704	0.4	3
TOTAL	176,266	100.0	780

STRUCTURAL REPORT

Our inspection revealed that approximately 97.3 percent of the inspected pipe segments within the City of Temple City were free of severe structural defects. However, the remaining 2.7 percent of the inspected pipe segments had a PACP structural grade of 4 or 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 20 in the Quick Structural Rating Report Priority List (Enclosure 3) which require a corrective action, the proposed corrective method 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 reports for these twenty segments are included in Enclosure 4.

QUICK STRUCTURAL RATING TABLE

DEFECT GRADE	PIPE LENGTH (FT)	PERCENT TOTAL INSPECTED PIPE LENGTH	NO. SEGMENTS
1: Excellent	119,383	67.7	554
2: Good	25,303	14.4	99
3: Fair	26,799	15.2	107
4: Poor	2,292	1.3	9
5: Immediate Attention	2,489	1.4	11
TOTAL	176,266	100.0	780

FUTURE PROJECTS

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

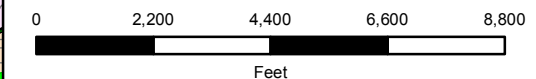
FISCAL YEAR	PROJECT NAME	LENGTH (FT)	PERCENTAGE OF SYSTEM	STATUS
2008-2009	Y0TV0809A	176,266	43.2	COMPLETE
2011-2012	5□25	208,950	51.2	FUTURE
2011-2012	5□24	22,605	5.6	FUTURE
TOTAL		407,821	100.0	

ENCLOSURE 1:

Project Overview Map

CCTV PROJECT Y0TV0809A

Supervisorial District 1 & 5
Cities of Temple City,
Baldwin Park, Rosemead &
Unincorporated County



Legend

SMD Manholes

Other

Manhole Type

Standard

DROP

Shallow

Trap

Siphon

SMD Pump Satations

SMD Treatment Plants

Maintained by Others:

Trunk Sewerlines

Non SMD Sanitary Sewers

Trunk Mh

Non SMD Maintained MH

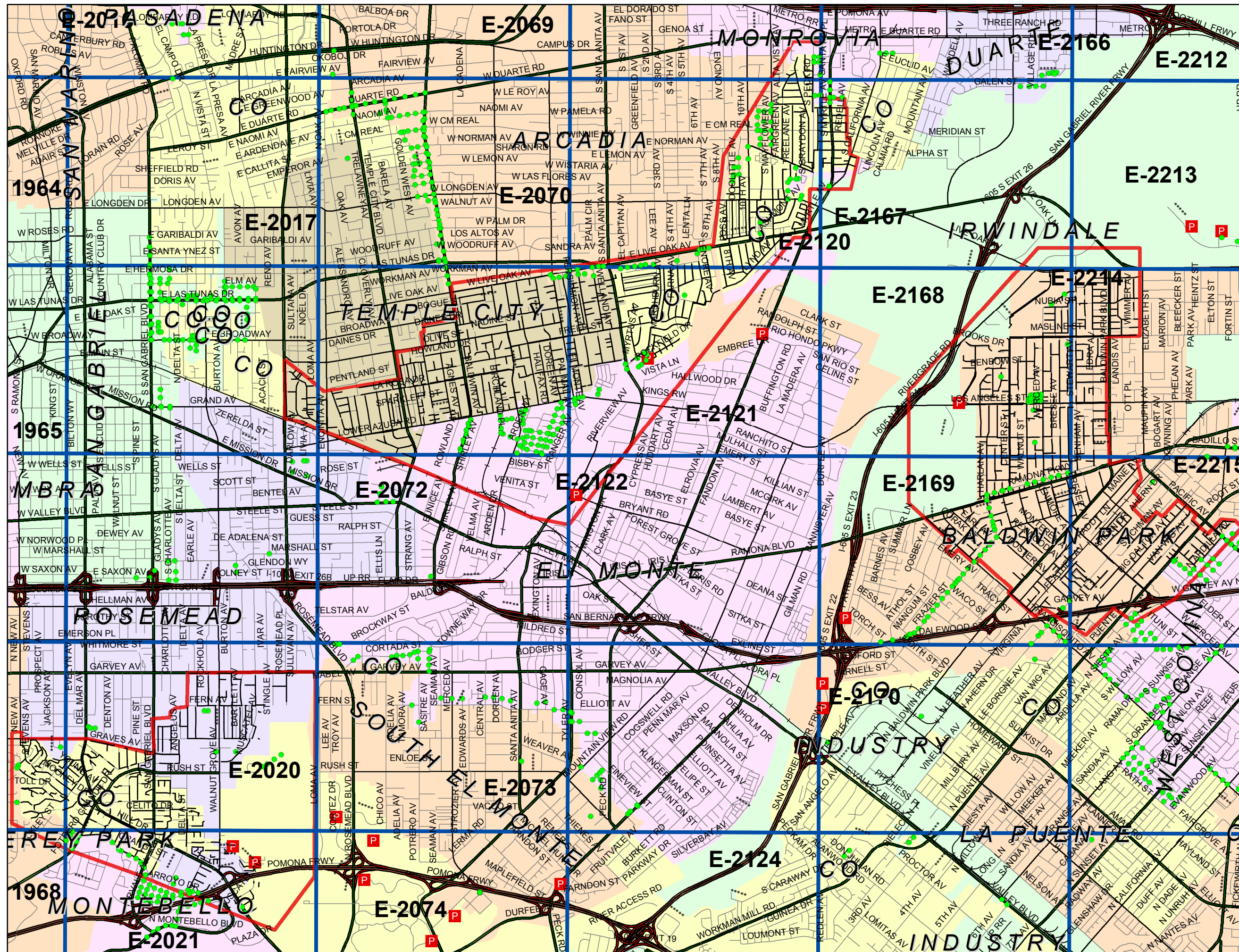
Parcel Boundary

Y0TV0809A

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MAY 2010

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ENCLOSURE 2:

- Quick Maintenance Rating Report
Priority List
- Lateral Deficiency List
- Sample Lateral Notice Letter
- Quick Maintenance Rating Map

ENCLOSURE 2
QUICK MAINTENANCE REPORT PRIORITY LIST
CITY OF TEMPLE CITY (Y0TV0809A)

as of 01/23/09

Item No.	QMR	Start MH	End MH	Street	Observation	Corrective Action Taken	Date of Completion
1	511B	2071-0446	2071-0445	EASEMENT BY FIESTA AV	Roots	Rootsaw	05/26/2009
2	5141	2071-0743	2071-0744	HALIFAX RD	Roots	Rodder	05/26/2009
3	5141	2071-0486	2071-0487	GIDLEY ST	Roots	Rodder	11/30/2009
4	4A3A	2071-0413	2071-0414	GOLDEN WEST AV	Roots	Rodder	05/20/2009
5	4519	2071-0391	2071-0392	EASEMENT BY KAUFFMAN AV	Roots	Rodder	02/09/2010
6	4335	2071-0688	2071-0870	LIVE OAK AV	Roots	Rodder	05/20/2009
7	4334	2071-0601	2071-0600	OLIVE ST	Roots	Rodder	05/20/2009
8	4332	2071-0686	2071-0687	LIVE OAK AV	Roots	Rodder	05/20/2009
9	4332	2071-0473	2071-0472	EASEMENT BY SPARKLETT ST	Roots	Rodder	05/26/2009
10	4332	2121-0301	2121-0042	WELLAND AV	Roots	Rodder	05/26/2009
11	4331	2071-0394	2071-0395	EASEMENT BY KAUFFMAN AV	Roots	Rodder	04/02/2010
12	4233	2071-0744	2071-0743	HALIFAX RD	Roots	Rodder	11/30/2009
13	4233	2071-0687	2071-0688	LIVE OAK AV	Roots	Rodder	05/22/2009
14	4232	2071-0735	2071-0736	ALLEY BY OLIVE ST	Roots	Rodder	05/26/2009
15	4232	2071-0477	2071-0476	EASEMENT BY KAUFFMAN AV	Roots	Rodder	02/09/2010
16	4232	2071-0365	2071-0366	BARELA AV	Roots	Rodder	05/26/2009
17	4231	2071-0798	2071-0799	DOREEN AV	Roots	Rodder	05/26/2009
18	4231	2071-0392	2071-0393	EASEMENT BY KAUFFMAN AV	Roots	Rodder	02/09/2010
19	421A	2071-0412	2071-0413	GOLDEN WEST AV	Roots	Rodder	05/20/2009
20	4217	2071-0689	2071-0690	LIVE OAK AV	Roots	Rodder	05/22/2009
21	4211	2071-0481	2071-TRNK	TEMPLE CITY BL	Water level 95%	No action needed	N/A
22	4200	2018-0459A	2071-0171	SERENO DR	Water level 65%	No action needed	N/A
23	4136	2071-0583	2071-0584	BALDWIN AV	Deposits attached grease, roots	Rodder	06/02/2009
24	4134	2071-0755	2071-0756	ARDEN DR	Roots	Rodder	05/21/2009
25	4134	2071-0642	2071-0643	AGNES AV	Roots	Rodder	05/21/2009
26	4133	2121-0014	2121-0013	EASEMENT BY PARMERTON AV	Rebar in line	Rodder	04/02/2010
27	4133	2071-0826	2071-0827	HALLWOOD DR	Roots	Rodder	05/21/2009
28	4133	2071-0449	2071-0450	EASEMENT BY TEMPLE CITY BL	Roots	Rodder	05/22/2009
29	4133	2071-0223	2071-0224	CLOVERLY AV	Roots	Rodder	05/20/2009
30	4132	2121-0294	2121-0041	WELLAND AV	Roots	Rodder	05/26/2009
31	4132	2071-0668	2071-0667	RYLAND AV	Roots	Rodder	05/21/2009
32	4132	2071-0450	2071-0451	EASEMENT BY TEMPLE CITY BL	Roots	Rootsaw	04/02/2010
33	4131	2121-0015	2121-0022	EASEMENT BY BLACKLEY ST	Roots	Rootsaw	04/02/2010
34	4131	2071-0767	2071-0766	FREER ST	Roots	Rodder	05/21/2009
35	4131	2071-0741	2071-0738	OLIVE ST	Roots	Rodder	05/20/2009
36	4131	2071-0677	2071-0678	BIRCHLAND AV	Roots	Rodder	05/20/2009
37	4131	2071-0600	2071-0593	OLIVE ST	Roots	Rodder	05/21/2009
38	4131	2071-0669	2071-0633	RYLAND AV	Roots	Rodder	10/22/2008

ENCLOSURE 2
 QUICK MAINTENANCE REPORT PRIORITY LIST
 CITY OF TEMPLE CITY (Y0TV0809A)

as of 01/23/09

39	4131	2071-0569	2071-0570	MILOANN ST	Roots	Rodder	05/21/2009
40	4131	2071-0573	2071-0574	AGNES AV	Roots	Rodder	10/22/2008
41	4131	2071-0367	2071-0413	BLACKLEY ST	Roots	Rodder	05/20/2009
42	4131	2071-0221	2071-0222	CLOVERLY AV	Roots	Rodder	05/20/2009
43	4124	2071-0655	2071-0659	LOWER AZUSA RD	Camera underwater	No action needed	N/A
44	4124	2071-0667	2071-0666	RYLAND AV	Roots	Rodder	10/22/2008
45	4122	2071-0778	2071-0779	HALLOWELL AV	Roots	Point Repair performed by CSME	02/26/2009
46	4122	2071-0631	2071-0632	LA ROSA DR	Roots	Rodder	05/21/2009
47	4121	2121-0049	2121-0048	DAINES DR	Roots	Rodder	10/22/2008
48	4115	2071-0870	2071-0689	LIVE OAK AV	Roots	Rodder	06/01/2009
49	4113	2071-0669	2071-0668	RYLAND AV	Roots	Rodder	10/22/2008
50	4112	2121-0061	2121-0062	FREER ST	Roots	Rodder	06/01/2009
51	4112	2071-0569	2071-0421	MILOANN ST	Roots	Rodder	06/02/2009
52	4111	2018-0445	2018-0446	EASEMENT BY ROSEMEAD BL	Roots	Rodder	06/01/2009
53	4111	2121-0040	2121-0041	FREER ST	Camera underwater	None	N/A
54	4111	2121-0048	2121-0049	DAINES DR	Roots.	Rodder	06/01/2009
55	4111	2071-0811	2071-0812	LORA ST	Roots	Rodder	06/01/2009
56	4111	2071-0489	2071-0481	TEMPLE CITY BL	High water mark	No action needed	N/A
57	4100	2121-0229	2121-TRNK	GRAND AV	Alignment down	No action needed	N/A
58	4100	2121-0006	2121-0007	LYNROSE ST	Roots	Rodder	06/01/2009
59	4100	2071-0423	2071-0422	ARDENEL AV	Roots	Rodder	06/02/2009

ENCLOSURE 2
LATERAL DEFICIENCY LIST
CITY OF TEMPLE CITY (Y0TV0809A)
as of 01/23/09

The following line segments received a Quick Maintenance Rating of or above 4000 due to the observation of Root Ball or Deposit inside the lateral connections. CSMD does not maintain lateral lines: it is the responsibility of the parcel owner to maintain their respective lateral lines to facilitate the flow of wastewater from their property to the mainline. Therefore, these lines were not included on the Priority List identified with maintenance deficiencies in need of immediate attention by CSMD. A letter will be sent to the lateral owner notifying them of the maintenance issues discovered in their lateral.

Item No.	QMR	Start MH	End MH	Street	Observation
1	4233	2071-0471	2071-0470	KAUFFMAN AV	Root ball in lateral connections
2	4221	2121-0050A	2121-0298	WELLAND AV	Root ball in lateral connections
3	4200	2121-0007	2121-0008	EASEMENT BY LYNROSE ST	Root ball in lateral connections
4	4139	2071-0783	2071-0784	HALIFAX RD	Root ball in lateral connections
5	4132	2121-0047	2121-0046	WELLAND AV	Root ball in lateral connections
6	4132	2071-0448	2071-0449	EASEMENT BY TEMPLE CITY BL	Root ball in lateral connections
7	4131	2121-0010	2121-0011	EASEMENT BY PARMERTON AV	Root ball in lateral connections
8	4131	2121-0015	2121-0014	EASEMENT BY PARMERTON AV	Root ball in lateral connections
9	4131	2121-0021	2121-0020	PERSIMMON AV	Root ball in lateral connections
10	4131	2071-0712	2071-0711	PAL MAL AV	Root ball in lateral connections
11	4131	2071-0396	2071-0395	EASEMENT BY LA ROSA DR	Root ball in lateral connections
12	411C	2071-0826	2071-0825	HALLWOOD DR	Root ball in lateral connections
13	4116	2071-0811	2071-0810	PAL MAL AV	Root ball in lateral connections
14	4112	2071-0757	2071-0769	ARDEN DR	Root ball in lateral connections
15	4112	2071-0676	2071-0675	BIRCHLAND AV	Root ball in lateral connections
16	4112	2071-0475	2071-0476	EASEMENT BY KAUFFMAN AV	Root ball in lateral connections
17	4111	2121-0013	2121-0012	EASEMENT BY PARMERTON AV	Root ball in lateral connections
18	4111	2071-0550	2071-0549	DAINES DR	Root ball in lateral connections
19	4100	2121-0014	2121-0023	EASEMENT BY PARMERTON AV	Root ball in lateral connections
20	4100	2121-0025	2121-0024	EASEMENT BY PARMERTON AV	Root ball in lateral connections



GAIL FARBER, Director

COUNTY OF LOS ANGELES

DEPARTMENT OF PUBLIC WORKS

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

March 1, 2010

IN REPLY PLEASE

REFER TO FILE

SM-1

Current Property Owner
6435 Golden West Avenue
Temple City, CA 91780

Dear Property Owner:

SEWER LATERAL ROOT INTRUSION 6435 GOLDEN WEST AVENUE, TEMPLE CITY, CALIFORNIA 91780

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 letter informing you that the sewer lateral serving the property located at 6435 Golden West Avenue, Temple City, California 91780, requires maintenance and is in violation of County Code 20.24.080 Maintenance of Sewer Laterals, which states

"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 have blocked the flow of sewage in the mainline sewer causing a recent 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 that portion that extends beyond the property line into the public right of way. We request that you contact a qualified plumbing contractor to service

Current Property Owner
March 1, 2010
Page 2

your sewer lateral within 90 days to remove roots and any other obstructions that may cause a sewage backup. Failure to do so may result in future overflows and subject you to civil prosecution, reimbursement costs, and fines up to \$1,000. Reference 20.24.160 Violation - Penalty; 20.24.170 Continued violations, 20.32.690 Reimbursement for repairs and maintenance following violations.

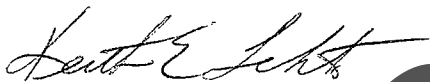
During your lateral maintenance process, the District's sewer mainlines must be protected from dislodged roots and other debris by utilizing catcher baskets at the manhole downstream from your lateral connection. Prior to your plumbing contractor beginning the maintenance, please contact the District's sewer maintenance yard in your area at (626) 446-5227 to arrange for the authorization to access the downstream manhole.

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. If you have any questions, please contact Mr. Robert Swartz, Sewer Maintenance Division, at (626) 300-3367 or rswartz@dpw.lacounty.gov.

Very truly yours,

GAIL FARBER
Director of Public Works



JOHN T. WALKER
Assistant Deputy Director
Sewer Maintenance Division

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Enc.

cc. City of Temple City (Bill Tidwell)

6435 GOLDEN WEST AVENUE
TEMPLE CITY
Roots at Lateral Connection

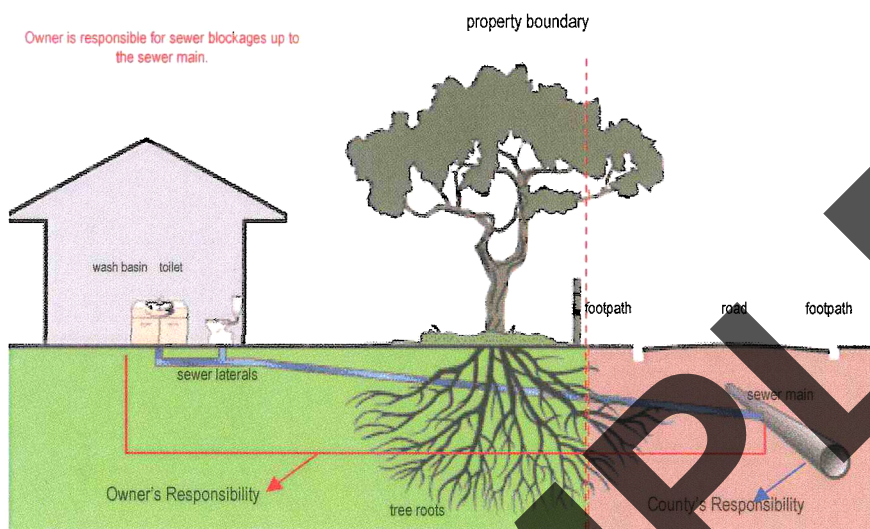


SAMPLE

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 that 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.

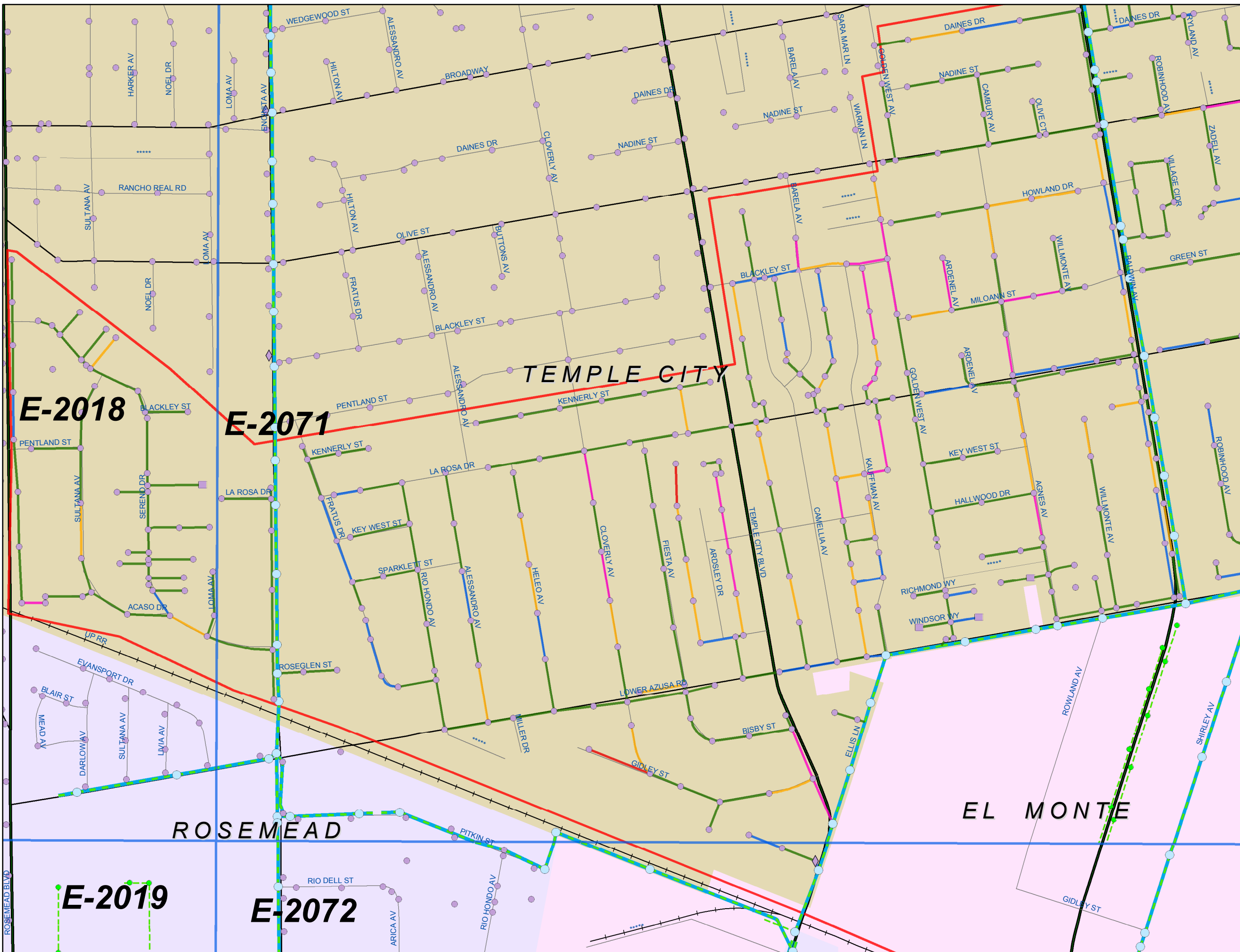
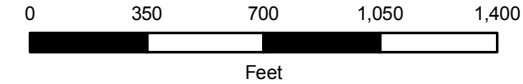
The three methods we suggest are:

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 2 CCTV PROJECT YOTV0809A

Supervisory District 5
City of Temple City

QUICK MAINTENANCE RATING (QMR)



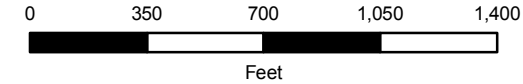
- Legend**
- SMD Sanitary Sewers**
- QMR**
- 1: EXCELLENT
 - 2: GOOD
 - 3: FAIR
 - 4: POOR
 - 5: IMMEDIATE ATTENTION
- SMD Manholes**
- Other
- Manhole Type**
- Standard
 - DROP
 - Shallow
 - Trap
 - Siphon
 - SMD Pump Satations
 - SMD Treatment Plants
- Maintained by Others:**
- Trunk Sewerlines
 - Non SMD Sanitary Sewers
 - Trunk Mh
 - Non SMD Maintained MH
 - Parcel Boundary
 - SMD Operations Maps
 - YOTV0809A

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ENCLOSURE 2 CCTV PROJECT YOTV0809A

Supervisory District 5
City of Temple City

QUICK MAINTENANCE RATING (QMR)



Legend

SMD Sanitary Sewers

- QMR**
- 1: EXCELLENT (Green line)
 - 2: GOOD (Blue line)
 - 3: FAIR (Orange line)
 - 4: POOR (Pink line)
 - 5: IMMEDIATE ATTENTION (Red line)

SMD Manholes

- Other (Circle with cross)
- 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')

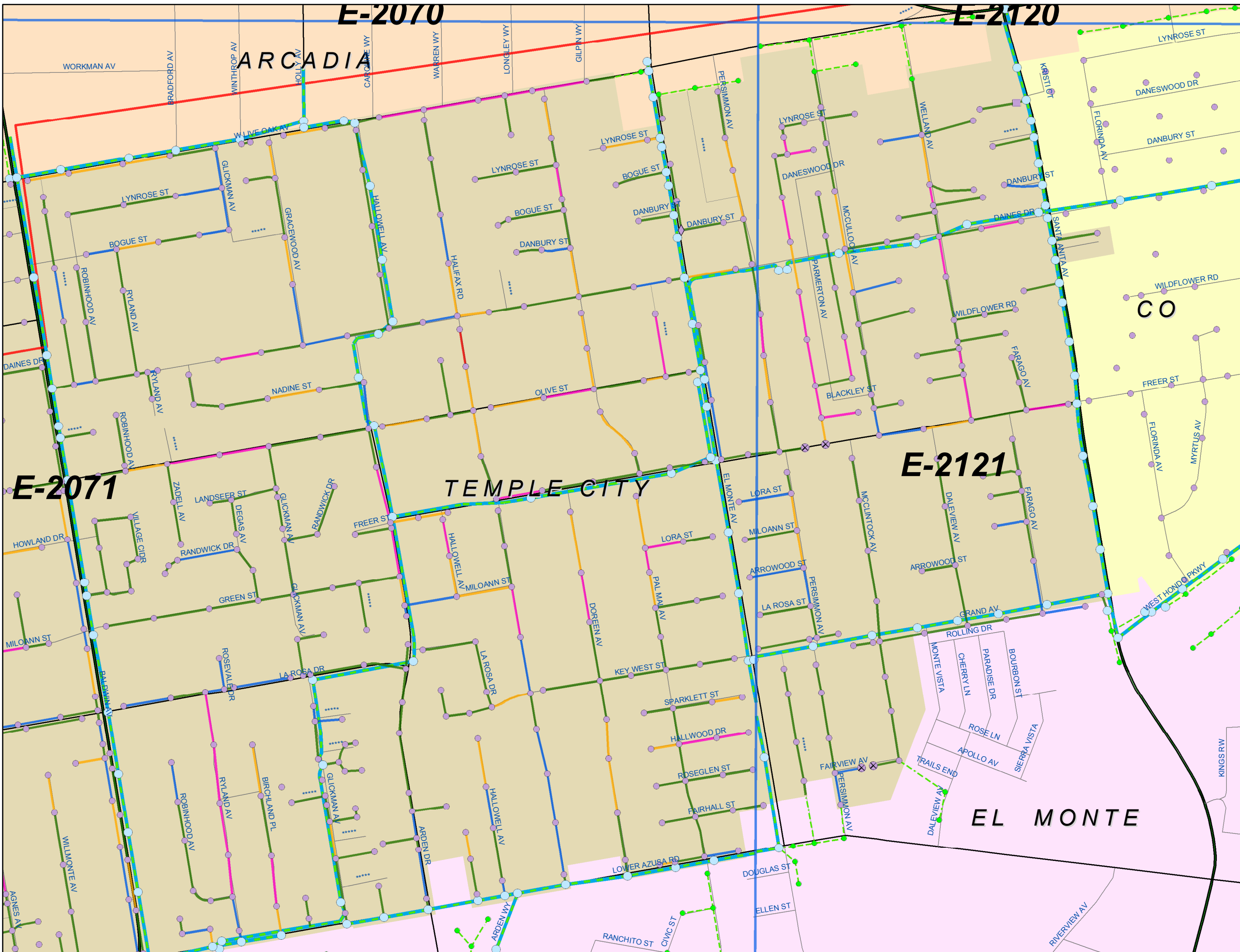
Maintained by Others:

- Trunk Sewerlines (Thick green line)
- Non SMD Sanitary Sewers (Dashed green line)
- Trunk Mh (Blue circle)
- Non SMD Maintained MH (Green circle)
- Parcel Boundary (Thin black line)
- SMD Operations Maps (Blue outline)
- YOTV0809A (Red outline)

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ENCLOSURE 3:

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

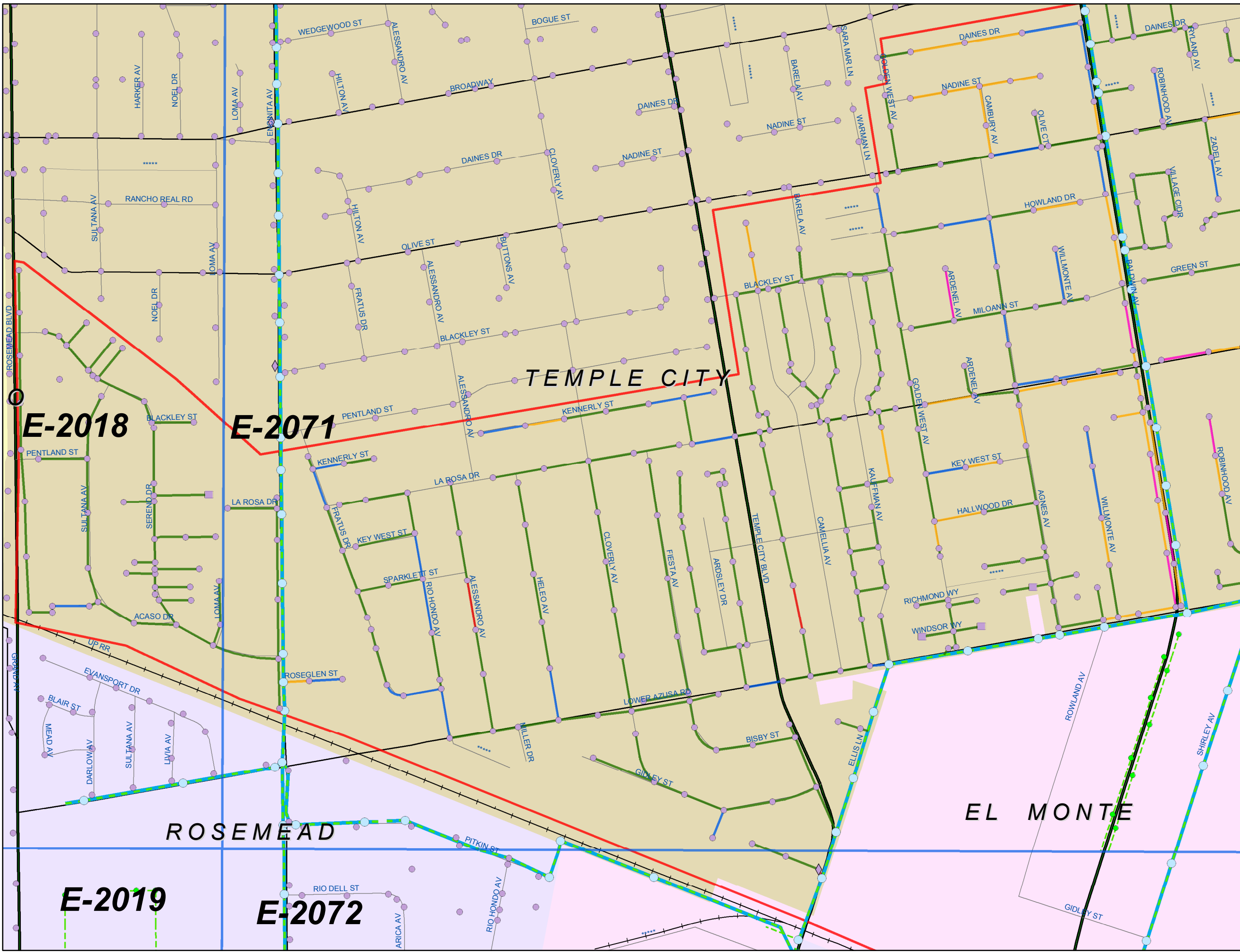
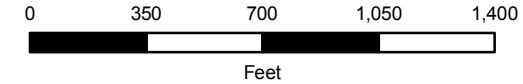
ENCLOSURE 3
QUICK STRUCTURAL RATING REPORT PRIORITY LIST
CITY OF TEMPLE CITY (Y0TV0809A)
as of 01/23/09

Item No.	QSR	Start MH	End MH	Street	Observation: Location	Proposed Corrective Method	Length of Repair (FT)
1	5341	2071-0778	2071-0779	Hallowell AV	Hole with soil visible, deformed: 12'-18'	Point Repair	
2	5141	2071-0658	2071-0657	Baldwin AV	Broken: 132'	Point Repair	
3	513Q	2071-0661	2071-0660	Baldwin AV	Broken: 65'; hole 284'; multiple fractures	Lining: MH to MH	299
4	513F	2071-0637	2071-0636	La Rosa Dr	Broken: 186'; fractures and cracks	Lining: MH to MH	280
5	513D	2071-0634	2071-0633	La Rosa Dr	Broken: 21'; fractures and cracks	Lining: MH to MH	138
6	5123	2071-0207	2071-0208	Alessandro Ave	Broken with soil visible: 186'	Point Repair performed by CSMD (completed)	
7	5122	2071-0655	2071-0659	Lower Azusa Rd	Broken base of MH 659	CSMD to repair base of MH 659	
8	5122	2071-0744	2071-0745	Halifax Rd	Broken with void visible and deformed: 240'	Point Repair	
9	5114	2071-0688	2071-0870	Live Oak AV	Broken: 168' (at end MH)	Point Repair	
10	5100	2071-0458	2071-0457	Ease. by Temple City BL	Hole with soil visible: 9'	Structural integrity in tact. No action needed.	
11	5100	2072-0134	2072-TRNK	Ellis LN	Hole with concrete visible: 30'	Structural integrity in tact. No action needed.	
12	4233	2071-0656	2071-0655	Baldwin AV	Broken: 139' and 303'	Structural integrity in tact. No action needed.	
13	413Q	2071-0631	2071-0632	La Rosa Dr	Broken, fractures: 202'-205'; cracks	Lining: MH to MH	330
14	4136	2071-0583	2071-0584	Baldwin AV	Fracture at the base of MH 583	Structural integrity in tact. No action needed.	
15	4133	2071-0796	2071-0838	Hallowell AV	Surface aggregate missing at base of MH	Structural integrity in tact. No action needed.	
16	4132	2071-0673	2071-0674	Robin hood AV	Broken: 0'-3'	Lining: MH to MH	256
17	4132	2071-0845	2071-0846	Lower Azusa Rd	Fractures: 31'-40'	Lining: MH to MH	206
18	4131	2071-0423	2071-0422	Ardenel AV	Fractures: 175'	Structural integrity in tact. No action needed.	
19	4121	2071-0895	2071-0895-A	Arden DR	Broken at joint with joint band showing	Structural integrity in tact. No action needed.	
20	4121	2071-0886	2071-0683	Glickman AV	Hole at the base of MH 683	CSMD to repair base of MH 683	

ENCLOSURE 3 CCTV PROJECT YOTV0809A

Supervisorial District 5
City of Temple City

QUICK STRUCTURAL RATING (QSR)



Legend

SMD Sanitary Sewers

- QSR**
- 1: EXCELLENT
 - 2: GOOD
 - 3: FAIR
 - 4: POOR
 - 5: IMMEDIATE ATTENTION

SMD Manholes

- Other
- Standard
- DROP
- Shallow
- Trap
- Siphon
- SMD Pump Satations

Maintained by Others:

- Trunk Sewerlines
- Non SMD Sanitary Sewers
- Trunk Mh
- Non SMD Maintained MH
- Parcel Boundary
- SMD Operations Maps
- YOTV0809A

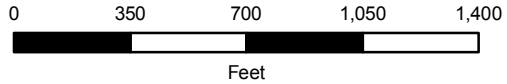
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ENCLOSURE 3
CCTV PROJECT
Y0TV0809A

Supervisorial District 5
City of Temple City

QUICK
STRUCTURAL
RATING
(QSR)



Legend

SMD Sanitary Sewers

QSR

- 1: EXCELLENT
- 2: GOOD
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SMD Manholes

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

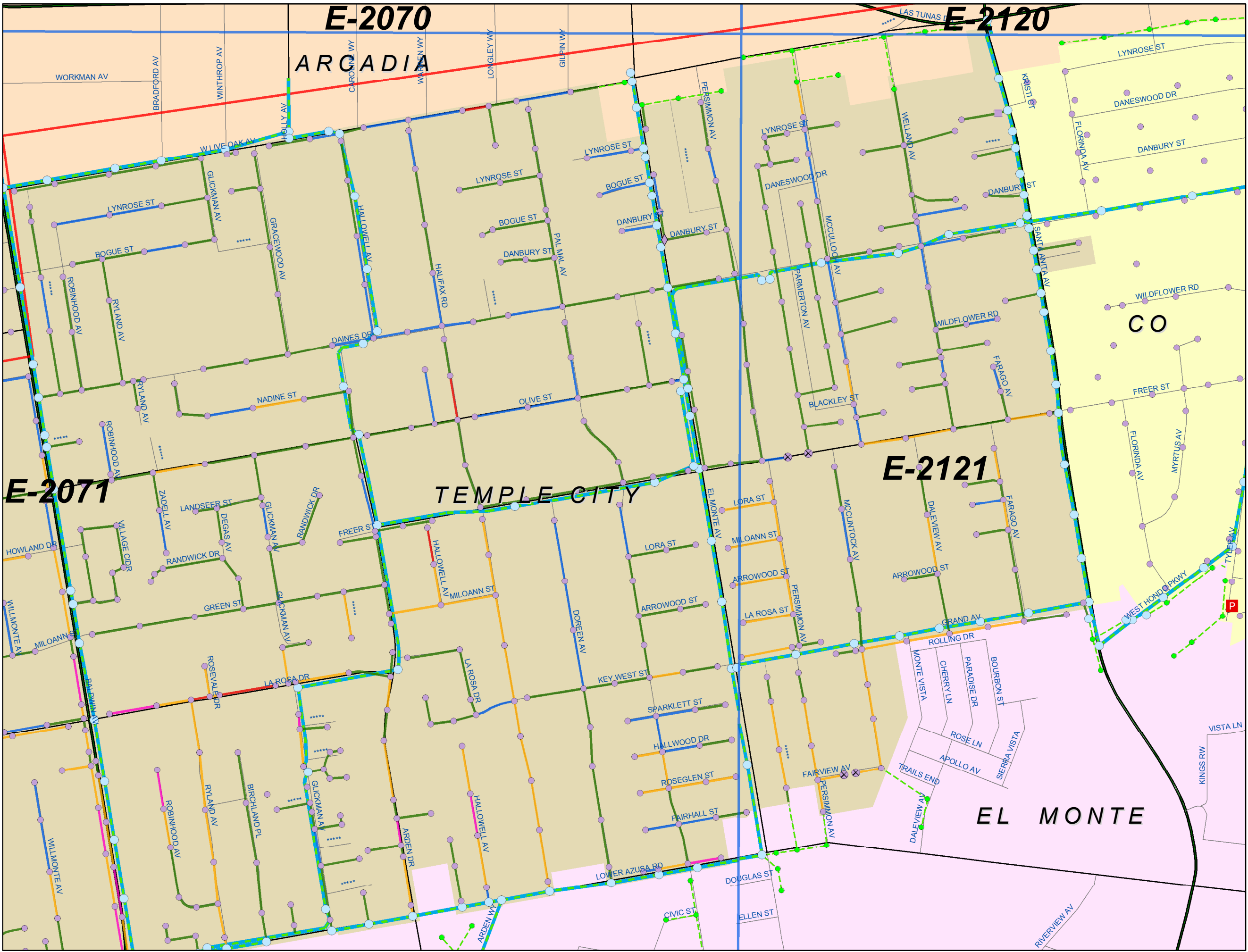
SMD Treatment Plants

Maintained by Others:

- Trunk Sewerlines
- Non SMD Sanitary Sewers
- Trunk Mh
- Non SMD Maintained MH
- Parcel Boundary
- SMD Operations Maps
- Y0TV0809A

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ENCLOSURE 4:

Infrastructure Inspection Reports
for Grades 4 and 5



Inspection report

Date: 20081015	P.O. # Y0TV0809A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 392	PSR: 121314
Total Pipe Length: 325.00	Survey Customer: LACDPW	System Owner: TEC	Clean Date: 10/14/2008	Pre-Cleaned: Jetting	Map Grid # 2071

Street: BALDWIN AV	Flow Control: Not Controlled	Start MH: 2071-0661
City: TEC	Year Renewed	End MH: 2071-0660
Location Code: Main Highway - Suburban/Rural	Tape/Media # G312-042	pipe length: 299.5 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0660/2071-0661/2071	Lining Method:
	Category:

Remark::

1:495	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 2071-0661	00:00:35	1604	
	3.00 S1	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES, Start	00:01:18	1605, b	S 3
	5.00	Water Level, 10 %, within 8 inch: NO	00:02:22	1607	M 2
	13.10	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:02:45	1608	
	27.80	Tap Factory Capped, at 9 o'clock, 6", within 8 inch: NO	00:03:18	1609	
	29.30	Roots Fine Joint, at 2 o'clock, within 8 inch: YES	00:03:39	1610, b	
	41.70 S2	Roots Fine Joint, from 10 to 5 o'clock, within 8 inch: YES, Start	00:04:26	1612, b	
	64.30 S3	Fracture Longitudinal, at 3 o'clock, within 8 inch: YES, Start	00:05:13	1614	S 3
	65.80 S4	Broken, from 7 to 10 o'clock, within 8 inch: YES, Start	00:05:50	1615, b	S 4
	67.30 F4	Broken, from 7 to 10 o'clock, within 8 inch: YES, End	00:06:46	1618	S 4
	69.90 S5	Fracture Longitudinal, at 9 o'clock, within 8 inch: YES, Start	00:07:10	1619, b	S 3
	73.00 F3	Fracture Longitudinal, at 3 o'clock, within 8 inch: YES, End	00:07:43	1621	S 3
	73.00 F5	Fracture Longitudinal, at 9 o'clock, within 8 inch: YES, End	00:07:55	1622	S 3
	102.10	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:08:43	1623	
	129.30	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:09:49	1624	
	129.30	Roots Fine Lateral, at 9 o'clock, within 8 inch: NO	00:10:02	1625, b	M 1
	175.40	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:11:46	1627	
	175.40	Roots Medium Lateral, at 9 o'clock, 25 %, within 8 inch: NO	00:12:19	1628, b	M 3
	199.70	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:13:34	1630	
	199.70	Roots Fine Lateral, at 9 o'clock, within 8 inch: NO	00:13:47	1631, b	M 1



Inspection report

Date: 20081015	P.O. # Y0TV0809A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 392	PSR: 121314
Total Pipe Length: 325.00	Survey Customer: LACDPW	System Owner: TEC	Clean Date: 10/14/2008	Pre-Cleaned: Jetting	Map Grid # 2071

1:495	position	observation	MPEG	photo	grade
	<u>225.80</u>	Fracture Circumferential, from 6 to 10 o'clock, within 8 inch: YES	00:15:07	1633, b	S 2
	<u>225.80</u>	Fracture Longitudinal, at 9 o'clock, within 8 inch: YES	00:15:26	1635, b	S 3
	<u>229.00</u> S6	Fracture Circumferential, from 4 to 8 o'clock, within 8 inch: YES, Start	00:15:57	1637, b	S 2
	<u>235.20</u> F6	Fracture Circumferential, from 4 to 8 o'clock, within 8 inch: YES, End	00:16:26	1639	S 2
	<u>254.80</u>	Tap Factory Capped, at 9 o'clock, 6", within 8 inch: NO	00:17:06	1640	
	<u>254.80</u>	Roots Fine Lateral, at 9 o'clock, within 8 inch: NO	00:17:22	1641, b	M 1
	<u>265.70</u>	Repair Patch, from 12 to 4 o'clock, within 8 inch: YES, Remarks: Cement Patch	00:18:33	1643, b	
	<u>268.00</u>	Tap Break-in Active, at 9 o'clock, 4", within 8 inch: NO	00:19:03	1645	
	<u>281.20</u> S7	Fracture Circumferential, from 7 to 5 o'clock, within 8 inch: YES, Start	00:20:02	1646, b	S 2
	<u>284.00</u>	Hole, from 6 to 7 o'clock, within 8 inch: YES	00:20:38	1648, b	S 4
	<u>284.30</u>	Fracture Circumferential, from 2 to 4 o'clock, within 8 inch: YES	00:21:08	1650, b	S 2
	<u>291.40</u>	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:21:49	1652	
	<u>295.80</u> F1	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES, End	00:22:12	1653	S 3
	<u>295.80</u> F2	Roots Fine Joint, from 10 to 5 o'clock, within 8 inch: YES, End	00:22:34	1654	
	<u>295.80</u> F7	Fracture Circumferential, from 7 to 5 o'clock, within 8 inch: YES, End	00:22:51	1655	S 2
	<u>299.50</u>	Manhole, within 8 inch: NO, Remarks: 2071-0660	00:23:39	1656	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
4337	3121	45	8	53	2.81	1.6	2.52



Inspection report

Date: 20081007	P.O. # Y0TV0809A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 3220	PSR: 121406
Total Pipe Length: 363.00	Survey Customer: LACDPW	System Owner: TEC	Clean Date:	Pre-Cleaned: Jetting	Map Grid # 2071

Street: LA ROSA DR	Flow Control: Not Controlled	Start MH: 2071-0637
City: TEC	Year Renewed	End MH: 2071-0636
Location Code: Light Highway	Tape/Media # G312-036	pipe length: 280.5 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0636/2071-0637/2071	Lining Method:
	Category:

Remark::

1:330	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 2071-0637	00:01:01	4288	
	5.00	Joint Offset Medium, within 8 inch: YES	00:01:33	4289, b	S 1
	5.00	Crack Longitudinal, at 3 o'clock, within 8 inch: YES	00:01:44	4291, b	S 2
	6.00	Water Level, 5 %, within 8 inch: NO	00:2:10	4293	M 2
	17.00	Tap Break-in Intruding, at 9 o'clock, 10 %, 4", 2, within 8 inch: NO, Remarks: 1" intrusion	00:03:01	4294, b	M 2
	18.30	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:03:38	4296	
	45.60	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:10:37	4297	
	59.30	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	00:11:24	4298, b	
	59.30	Crack Multiple, from 8 to 2 o'clock, within 8 inch: YES	00:11:39	4300, b	S 3
	59.30	Joint Offset Medium, within 8 inch: YES	00:12:01	4302, b	S 1
	79.00	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:12:45	4304	
	114.80	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	00:14:06	4305, b	S 3
	114.80 S1	Roots Fine Joint, from 9 to 11 o'clock, within 8 inch: YES, Start	00:14:19	4307, b	
	115.40	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:14:49	4309	
	121.50	Tap Break-in Active, at 9 o'clock, 4", within 8 inch: NO	00:15:19	4310	
	122.40	Tap Break-in Active, at 9 o'clock, 4", within 8 inch: NO	00:15:43	4311	
	123.50	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	00:16:22	4312, b	S 3
	124.50	Tap Break-in Active, at 9 o'clock, 4", within 8 inch: NO	00:16:52	4314	
	135.60	Crack Multiple, from 3 to 9 o'clock, within 8 inch: YES	00:17:39	4315, b	S 3
	135.60	Roots Fine Joint, at 3 o'clock, within 8 inch: YES	00:17:51	4317, b	



Inspection report

Date: 20081007	P.O. # Y0TV0809A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 3220	PSR: 121406
Total Pipe Length: 363.00	Survey Customer: LACDPW	System Owner: TEC	Clean Date:	Pre-Cleaned: Jetting	Map Grid # 2071

1:330	position	observation	MPEG	photo	grade
	148.70	Roots Fine Joint, at 10 o'clock, within 8 inch: YES	00:18:35	4319, b	
	148.70	Crack Longitudinal, at 10 o'clock, within 8 inch: YES	00:18:49	4321, b	S 2
	154.60 S2	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES, Start	00:19:39	4323, b	S 3
	154.60	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	00:19:52	4325, b	
	155.30	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:20:19	4327	
	161.50	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:20:50	4328	
	186.60 S3	Broken, from 2 to 9 o'clock, within 8 inch: YES, Start	00:21:52	4329, b	S 5
	187.60	Roots Fine Joint, from 3 to 9 o'clock, within 8 inch: YES	00:22:45	4333, b	
	190.50 F3	Broken, from 2 to 9 o'clock, within 8 inch: YES, End	00:23:41	4335	S 5
	195.00	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:24:02	4336	
	216.30	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:25:00	4337	
	234.40	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:25:40	4338	
	237.60	Water Level, 15 %, within 8 inch: NO	00:25:53	4339	M 2
	242.20 S4	Fracture Circumferential, from 4 to 5 o'clock, within 8 inch: YES, Start	00:26:34	4340, b	S 2
	248.70 F4	Fracture Circumferential, from 4 to 5 o'clock, within 8 inch: YES, End	00:27:00	4342	S 2
	258.90	Tap Break-in Active, at 9 o'clock, 4", within 8 inch: NO	00:27:26	4343	
	266.60 F2	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES, End	00:27:52	4344	S 3
	271.20	Tap Break-in Active, at 3 o'clock, 4", within 8 inch: NO	00:28:12	4345	
	272.30	Tap Break-in Active, at 3 o'clock, 4", within 8 inch: NO	00:28:32	4346	
	274.30	Tap Break-in Active, at 3 o'clock, 4", within 8 inch: NO	00:28:59	4347	
	276.20	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	00:29:36	4348, b	S 3
	276.20 F1	Roots Fine Joint, from 9 to 11 o'clock, within 8 inch: YES, End	00:29:51	4350	
	280.50	Vermin Cockroach, within 8 inch: NO	00:30:32	4351, b	M 1
	280.50	Manhole, within 8 inch: NO, Remarks: 2071-0636	00:30:47	4353	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
5237	2311	41	7	48	2.73	1.75	2.53



Inspection report

Date: 20081010	P.O.☐ Y0TV0809A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 346	PSR: 514028
Total Pipe Length: 98.00	Survey Customer: LACDPW	System Owner: TEC	Clean Date: 10/09/2008	Pre-Cleaned: Jetting	Map Grid ☐ 2071

Street: GLICKMAN AV	Flow Control: Not Controlled	Start MH: 2071-0886
City: TEC	Year Renewed	End MH: 2071-0683
Location Code: Light Highway	Tape/Media ☐ G312-039	pipe length: 96.5 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0683/2071-0886/2071	Lining Method:
	Category:

Remark::

1:225	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 2071-0886	00:00:35	734	
	5.00	Water Level, 5 %, within 8 inch: NO	00:01:27	735	M 2
	18.90	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:01:53	736	
	52.10	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:02:41	737	
	88.90	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:03:30	738	
	95.90	Crack Longitudinal, at 6 o'clock, within 8 inch: NO	00:04:00	739, b	S 2
	95.90	Hole, from 5 to 7 o'clock, within 8 inch: NO, Remarks: channel of mh	00:04:25	741, b	S 4
	96.50	Manhole, within 8 inch: NO, Remarks: 2071-0683	00:05:05	743	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
4121	2100	6	2	8	3	2	2.67



Inspection report

Date: 20081009	P.O. # Y0TV0809A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 331	PSR: 672894
Total Pipe Length: 153.00	Survey Customer: LACDPW	System Owner: TEC	Clean Date: 10/08/2008	Pre-Cleaned: Jetting	Map Grid # 2071

Street: ARDEN DR	Flow Control: Not Controlled	Start MH: 2071-0895
City: TEC	Year Renewed	End MH: 2071-0895-A
Location Code: Light Highway	Tape/Media # G312-038	pipe length: 80 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0860/2071-0895/2071	Lining Method:
	Category:

Remark::

1:200	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 2071-0895	00:00:36	526	
	0.00	Water Level, 10 %, within 8 inch: NO	00:00:52	527	M 2
	2.30	Joint Offset Medium, within 8 inch: YES	00:01:13	528, b	S 1
	2.30	Broken, from 7 to 9 o'clock, within 8 inch: YES	00:01:30	530, b	S 4
	38.70	Crack Longitudinal, at 3 o'clock, within 8 inch: YES	00:02:39	532, b	S 2
	58.50	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:03:20	534	
	60.90	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:03:39	535	
	80.00	Manhole, within 8 inch: NO, Remarks: 2071-0895-A, undocumented	00:04:37	536	

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



Inspection report

Date: 20081013	P.O. # Y0TV0809A	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 574	PSR: 121548
Total Pipe Length: 339.00	Survey Customer: LACDPW	System Owner: TEMPLE CITY	Clean Date: 10/08/2008	Pre-Cleaned: Jetting	Map Grid # 2071

Street: ARDENEL AV	Flow Control: Not Controlled	Start MH: 2071-0423
City: TEC	Year Renewed	End MH: 2071-0422
Location Code: Light Highway	Tape/Media # R311-035	pipe length: 350.6 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0422/2071-0423/2071	Lining Method:
	Category:

Remark::

1:800	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 2071-0423	00:00:26	475	
	4.00	Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	00:01:00	476	
	6.40	Tap Factory Active, at 2 o'clock, 6", within 8 inch: NO	00:01:39	477	
	8.90	Water Level, 5 %, within 8 inch: NO	00:02:02	478	M 2
	12.00	General Observation, within 8 inch: NO, Remarks: Pipe Joint Length 3'	00:02:32	479	
	20.20	Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	00:03:12	480	
	22.50	Tap Factory Active, at 2 o'clock, 6", within 8 inch: NO	00:03:30	481	
	59.40	Tap Factory Capped, at 9 o'clock, 6", within 8 inch: NO	00:05:02	482	
	71.00	Tap Factory Capped, at 3 o'clock, 6", within 8 inch: NO	00:05:42	483	
	89.30	Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	00:06:34	484	
	94.90	Tap Factory Capped, at 3 o'clock, 6", within 8 inch: NO	00:07:02	485	
	137.80	Tap Factory Capped, at 10 o'clock, 6", within 8 inch: NO	00:08:42	486	
	146.50	Tap Factory Active, at 2 o'clock, 6", within 8 inch: NO	00:09:13	487	
	175.70	Fracture Multiple, from 3 to 6 o'clock, within 8 inch: YES	00:10:51	488, b	S 4
	183.00	Tap Factory Capped, at 3 o'clock, 6", within 8 inch: NO	00:11:47	490	
	185.30	Tap Factory Capped, at 10 o'clock, 6", within 8 inch: NO	00:12:08	491	
	234.70	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:13:59	492	
	252.10	Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	00:14:53	493	
252.10	Roots Ball Connection, at 10 o'clock, 65 %, within 8 inch: NO	00:15:12	494, b	M 4	
298.10	Crack Multiple, from 2 to 10 o'clock, within 8 inch: YES	00:17:57	496, b	S 3	
350.60	Manhole, within 8 inch: NO, Remarks: 2071-0422	00:20:31	498		

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
4131	4121	7	6	13	3.5	3	3.25



Inspection report

Date: 20081013	P.O. # Y0TV0809A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 363	PSR: 121327
Total Pipe Length: 253.00	Survey Customer: LACDPW	System Owner: TEC	Clean Date: 10/10/2008	Pre-Cleaned: Jetting	Map Grid # 2071

Street: ROBINHOOD AV	Flow Control: Not Controlled	Start MH: 2071-0673
City: TEC	Year Renewed	End MH: 2071-0674
Location Code: Light Highway	Tape/Media # G312-040	pipe length: 256.4 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0673/2071-0674/2071	Lining Method:
	Category:

Remark::

1:575	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 2071-0673	00:00:36	956	
	0.00	Crack Multiple, from 5 to 7 o'clock, within 8 inch: NO	00:01:42	957, b	S 3
	0.50 S1	Broken, from 5 to 7 o'clock, within 8 inch: YES, Start	00:02:30	959, b	S 4
	3.50 F1	Broken, from 5 to 7 o'clock, within 8 inch: YES, End	00:03:03	961	S 4
	3.50	Crack Multiple, from 6 to 7 o'clock, within 8 inch: NO	00:03:25	962, b	S 3
	5.00	Water Level, 10 %, within 8 inch: NO	00:04:13	964	M 2
	25.90	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:04:53	965	
	43.00	Tap Factory Defective, at 3 o'clock, 6", within 8 inch: NO	00:05:39	966, b	M 2
	98.40	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:07:09	968	
	109.00	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:07:38	969	
	157.40	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:08:46	970	
	164.20	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:09:07	971	
	226.60	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:10:28	972	
	233.70	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:10:52	973	
	244.00	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:11:18	974	
	247.30	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:11:38	975	
	256.40	Vermin Cockroach, within 8 inch: NO	00:12:18	976, b	M 1
	256.40	Manhole, within 8 inch: NO, Remarks: 2071-0674	00:12:36	978	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
4232	2211	14	5	19	3.5	1.67	2.71



Inspection report

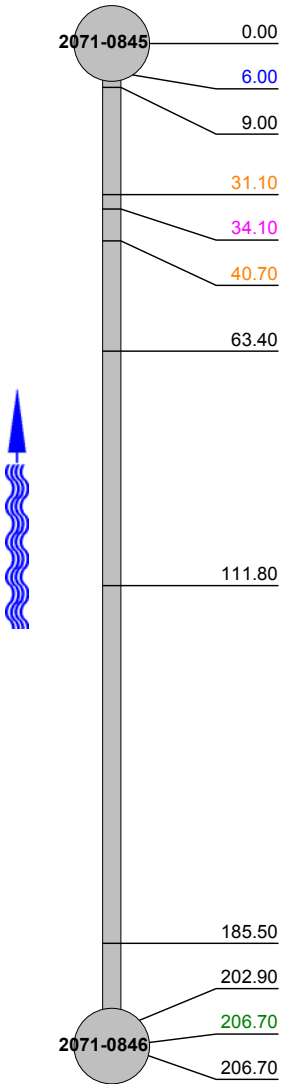
Date: 20081007	P.O.☐ Y0TV0809A	Weather: Dry	Surveyed By: Rigo Alvarez	section number: 3016	PSR: 121143
Total Pipe Length: 217.00	Survey Customer: LACDPW	System Owner: Temple City	Clean Date:	Pre-Cleaned: Jetting	Map Grid ☐ 2071

Street: LOWER AZUSA RD	Flow Control: Not Controlled	Start MH: 2071-0845
City: TEC	Year Renewed	End MH: 2071-0846
Location Code: Light Highway	Tape/Media ☐ R311-032	pipe length: 206.7 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0845/2071-0846/2071	Lining Method:
	Category:

Remark::

1:475	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 2071-0845	00:00:28	2845	
	6.00	Water Level, 5 %, within 8 inch: NO	00:01:04	2846	M 2
	9.00	General Observation, within 8 inch: NO, Remarks: Pipe joint Length 3'	00:01:27	2847	
	31.10	Crack Multiple, from 7 to 1 o'clock, within 8 inch: YES	00:02:37	2848, b	S 3
	34.10	Fracture Multiple, from 7 to 4 o'clock, within 8 inch: YES	00:03:45	2850, b	S 4
	40.70	Crack Multiple, from 8 to 4 o'clock, within 8 inch: YES	00:04:39	2852, b	S 3
	63.40	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:05:45	2854	
	111.80	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:07:25	2855	
	185.50	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:09:57	2856	
	202.90	Tap Factory Active, at 10 o'clock, 6", within 8 inch: NO	00:10:42	2857	
	206.70	Vermin Cockroach, within 8 inch: NO	00:11:26	2858	M 1
	206.70	Manhole, within 8 inch: NO, Remarks: 2071-0846	00:11:37	2859	



QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
4132	2111	10	3	13	3.33	1.5	2.6



Inspection report

Date: 20081007	P.O.☐ Y0TV0809A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 3213	PSR: 121216
Total Pipe Length: 267.00	Survey Customer: LACDPW	System Owner: TEC	Clean Date:	Pre-Cleaned: Jetting	Map Grid ☐ 2071

Street: HALLOWELL AV	Flow Control: Not Controlled	Start MH: 2071-0796
City: TEC	Year Renewed	End MH: 2071-0838
Location Code: Light Highway	Tape/Media ☐ G312-036	pipe length: 353.2 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0796/2071-0838/2071	Lining Method:
	Category:

Remark::

1:800	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 2071-0796	00:00:47	4114	
	5.50	Tap Factory Capped, at 3 o'clock, 6", within 8 inch: NO	00:01:26	4115	
	6.00	Water Level, 5 %, within 8 inch: NO	00:01:47	4116	M 2
	26.40	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:02:38	4117	
	41.30	Tap Factory Capped, at 3 o'clock, 6", within 8 inch: NO	00:03:29	4118	
	70.90	Crack Multiple, from 7 to 10 o'clock, within 8 inch: YES	00:04:59	4119, b	S 3
	71.90	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:05:33	4121, b	
	86.90	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:06:14	4123	
	106.90	Crack Circumferential, from 3 to 6 o'clock, within 8 inch: YES	00:07:18	4124, b	S 1
	106.90	Roots Fine Joint, from 3 to 5 o'clock, within 8 inch: YES	00:07:31	4126, b	
	126.50	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:08:30	4128	
	128.20	Crack Multiple, from 7 to 10 o'clock, within 8 inch: YES	00:09:11	4129	S 3
	135.20	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:09:48	4130	
	137.80	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:10:07	4131	
	208.40	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:12:29	4132	
	229.40	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:13:23	4133	
	235.00	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:13:57	4134	
	242.60	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	00:14:44	4135, b	S 3
	242.60	Roots Fine Joint, from 3 to 4 o'clock, within 8 inch: YES	00:15:23	4137, b	
	289.80	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:17:17	4139	
	289.80	Roots Fine Lateral, at 9 o'clock, within 8 inch: NO	00:17:28	4140, b	M 1
	335.70	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:19:21	4142	
	337.20	Joint Offset Medium, within 8 inch: YES	00:19:46	4143, b	S 1
	352.90	Surface Aggregate Missing Unknown, from 7 to 9 o'clock, within 8 inch: NO, Remarks: Manhole channel	00:21:08	4145, b	S 4
	353.20	Manhole, within 8 inch: NO, Remarks: 2071-0838	00:22:06	4147	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
4133	2111	15	3	18	2.5	1.5	2.25



Inspection report

Date: 20081014	P.O. # Y0TV0809A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 373	PSR: 121351
Total Pipe Length: 310.00	Survey Customer: LACDPW	System Owner: TEC	Clean Date: 10/13/2008	Pre-Cleaned: Jetting	Map Grid # 2071

Street: BALDWIN AV	Flow Control: Not Controlled	Start MH: 2071-0583
City: TEC	Year Renewed	End MH: 2071-0584
Location Code: Sidewalk	Tape/Media # G312-041	pipe length: 332.7 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0583/2071-0584/2071	Lining Method:
	Category:

Remark::

1:396	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 2071-0583	00:00:41	1167	
	0.00	Broken, from 3 to 5 o'clock, within 8 inch: NO	00:01:15	1168, b	S 4
	0.00 S1	Roots Fine Joint, from 3 to 5 o'clock, within 8 inch: YES, Start	00:01:26	1170, b	
	5.00	Water Level, 15 %, within 8 inch: NO	00:02:37	1172	M 2
	6.90	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:02:54	1173	
	33.40	Crack Circumferential, from 3 to 9 o'clock, within 8 inch: YES	00:03:54	1174, b	S 1
	36.30 S2	Deposits Attached Grease, from 9 to 3 o'clock, 15 %, within 8 inch: YES, Start	00:04:38	1176, b	M 3
	53.40	Tap Factory Capped, at 3 o'clock, 6", within 8 inch: NO	00:05:45	1178	
	53.40 F1	Roots Fine Joint, from 3 to 5 o'clock, within 8 inch: YES, End	00:05:58	1179	
	53.40 F2	Deposits Attached Grease, from 9 to 3 o'clock, 15 %, within 8 inch: YES, End	00:6:10	1180	M 3
	67.30	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	00:06:53	1181, b	S 3
	67.30	Roots Fine Joint, from 3 to 5 o'clock, within 8 inch: YES	00:07:06	1183, b	
	74.60	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:07:38	1185	
	74.60	Roots Fine Connection, from 3 to 6 o'clock, within 8 inch: NO	00:07:55	1186, b	M 1
	82.40	Crack Circumferential, from 12 to 5 o'clock, within 8 inch: YES	00:08:56	1188, b	S 1
	82.40	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	00:09:08	1190, b	
	91.70	Crack Multiple, from 10 to 5 o'clock, within 8 inch: YES	00:10:01	1192, b	S 3
	91.70 S3	Roots Fine Joint, from 3 to 9 o'clock, within 8 inch: YES, Start	00:10:15	1194, b	
	121.00	Tap Factory Capped, at 3 o'clock, 6", within 8 inch: NO	00:11:17	1196	
	159.50 F3	Roots Fine Joint, from 3 to 9 o'clock, within 8 inch: YES, End	00:12:13	1197	
	165.90	Roots Fine Joint, from 7 to 9 o'clock, within 8 inch: YES	00:12:31	1198, b	
	173.10	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:13:06	1200	
	173.10	Roots Fine Connection, from 3 to 6 o'clock, within 8 inch: NO	00:13:22	1201, b	M 1



Inspection report

Date: 20081014	P.O. # Y0TV0809A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 373	PSR: 121351
Total Pipe Length: 310.00	Survey Customer: LACDPW	System Owner: TEC	Clean Date: 10/13/2008	Pre-Cleaned: Jetting	Map Grid # 2071

1:396	position	observation	MPEG	photo	grade
	184.00	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	00:14:11	1203, b	S 3
	184.00	Roots Fine Joint, from 3 to 9 o'clock, within 8 inch: YES	00:14:26	1205, b	
	202.50	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	00:15:33	1207, b	
	202.50	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	00:15:50	1209, b	S 3
	211.90	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	00:16:40	1211, b	S 3
	211.90 S4	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, Start	00:16:55	1213, b	
	212.80	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:17:25	1215	
	277.80	Tap Factory Capped, at 3 o'clock, 6", within 8 inch: NO	00:19:03	1216	
	316.60 F4	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, End	00:19:59	1217	
	322.90	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	00:20:44	1218, b	S 3
	322.90	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	00:21:03	1220, b	
	332.70	Manhole, within 8 inch: NO, Remarks: 2071-0584	00:22:02	1222	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
4136	3221	24	10	34	2.67	2	2.43



Inspection report

Date: 20081016	P.O. # Y0TV0809A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 396	PSR: 121309
Total Pipe Length: 350.00	Survey Customer: LACDPW	System Owner: TEC	Clean Date: 10/15/2008	Pre-Cleaned: Jetting	Map Grid # 2071

Street: BALDWIN AV	Flow Control: Not Controlled	Start MH: 2071-0656
City: TEC	Year Renewed	End MH: 2071-0655
Location Code: Sidewalk	Tape/Media # G312-043	pipe length: 332 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0655/2071-0656/2071	Lining Method:
	Category:

Remark::

1:750	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 2071-0656	00:00:38	1720	
	5.00	Water Level, 10 %, within 8 inch: NO	00:01:48	1721	M 2
	32.70	Tap Factory Capped, at 3 o'clock, 6", within 8 inch: NO	00:02:49	1722	
	63.40	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:03:53	1723	
	71.20	Roots Fine Joint, from 2 to 5 o'clock, within 8 inch: YES	00:04:30	1724, b	
	83.50	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	00:05:27	1726, b	S 3
	83.50	Roots Fine Joint, from 3 to 5 o'clock, within 8 inch: YES	00:05:42	1728, b	
	117.90	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	00:06:59	1730, b	S 3
	125.40	Tap Factory Capped, at 3 o'clock, 6", within 8 inch: NO	00:07:39	1732	
	139.70	Broken, from 10 to 12 o'clock, within 8 inch: YES	00:08:50	1733, b	S 4
	139.70	Crack Circumferential, from 8 to 11 o'clock, within 8 inch: YES	00:09:30	1735, b	S 1
	139.70	Crack Circumferential, from 12 to 4 o'clock, within 8 inch: YES	00:09:56	1737, b	S 1
	159.50	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:11:09	1739	
	202.80	Tap Factory Capped, at 3 o'clock, 6", within 8 inch: NO	00:12:37	1740	
	207.20	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	00:13:19	1741, b	S 3
	207.20	Joint Offset Medium, within 8 inch: YES	00:13:30	1743, b	S 1
	242.80	Tap Factory Capped, at 3 o'clock, 6", within 8 inch: NO	00:14:53	1745	
	303.80	Broken, from 1 to 3 o'clock, within 8 inch: YES	00:17:25	1746, b	S 4
	303.80	Crack Circumferential, from 2 to 4 o'clock, within 8 inch: YES	00:17:43	1748, b	S 1
	332.00	Manhole, within 8 inch: NO, Remarks: 2071-0655	00:19:07	1750	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
4233	2100	21	2	23	2.33	2	2.3



Inspection report

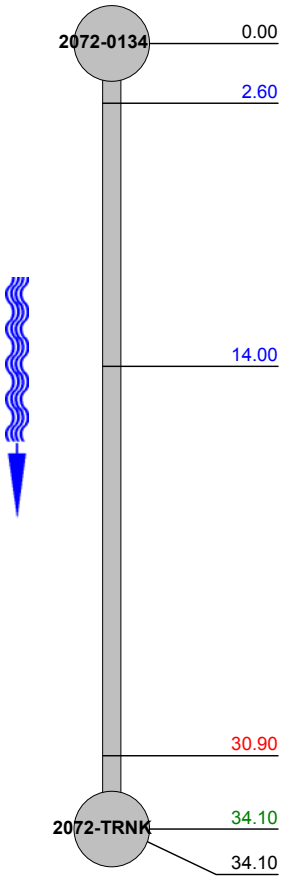
Date: 20081030	P.O. # Y0TV0809A	Weather: Dry	Surveyed By: Martin Garcia	section number: 181	PSR: 120939
Total Pipe Length: 35.00	Survey Customer: LACDPW	System Owner: Temple City	Clean Date: 10/22/2008	Pre-Cleaned: Jetting	Map Grid # 2071

Street: Ellis Ln	Flow Control: Not Controlled	Start MH: 2072-0134
City: TEC	Year Renewed:	End MH: 2072-TRNK
Location Code: Light Highway	Tape/Media # M313-048	pipe length: 34.1 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0134/2072-TRNK/2072	Lining Method:
	Category:

Remark::

1:100	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 2072-0134	00:00:27	2931	
	2.60	Water Level, 5 %, within 8 inch: NO	00:04:27	2932	M 2
	14.00	Water Level, 15 %, within 8 inch: NO	00:04:53	2933	M 2
	30.90	Hole Void Visible, from 10 to 2 o'clock, within 8 inch: NO	00:06:16	2934, b	S 5
	34.10	Vermin Cockroach, within 8 inch: NO	00:07:02	2936	M 1
	34.10	Manhole, within 8 inch: NO, Remarks: 2072-TRNK	00:07:11	2937	



QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
5100	2211	5	5	10	5	1.67	2.5



Inspection report

Date: 20081028	P.O. # Y0TV0809A	Weather: Dry	Surveyed By: Martin Garcia	section number: 154	PSR: 121585
Total Pipe Length: 300.00	Survey Customer: LACDPW	System Owner: Temple City	Clean Date: 10/22/2008	Pre-Cleaned: Jetting	Map Grid # 2071

Street: Easement	Flow Control: Not Controlled	Start MH: 2071-0458
City: TEC	Year Renewed	End MH: 2071-0457
Location Code: Easement/Right of Way	Tape/Media # M313-046	pipe length: 303.1 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0457/2071-0458/2071	Lining Method:
	Category:

Remark::

1:675	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 2071-0458	00:00:25	2485	
	3.30	Water Level, 10 %, within 8 inch: NO	00:00:40	2486	M 2
	9.20	Hole Void Visible, from 10 to 1 o'clock, within 8 inch: NO	00:01:17	2487, b	S 5
	36.40	Tap Factory Active, at 9 o'clock, 4", within 8 inch: NO	00:02:33	2489	
	36.40	Roots Fine Lateral, at 9 o'clock, within 8 inch: NO	00:02:44	2490	M 1
	39.10	Tap Factory Active, at 3 o'clock, 4", within 8 inch: NO	00:03:04	2491	
	39.10	Roots Medium Lateral, at 3 o'clock, 40 %, within 8 inch: NO	00:03:19	2492	M 3
	97.40	Tap Factory Active, at 3 o'clock, 4", within 8 inch: NO	00:05:20	2493	
	100.00	Tap Factory Active, at 9 o'clock, 4", within 8 inch: NO	00:05:40	2494	
	155.00	Tap Factory Active, at 3 o'clock, 4", within 8 inch: NO	00:07:43	2495	
	160.70	Tap Factory Active, at 9 o'clock, 4", within 8 inch: NO	00:08:08	2496	
	209.80	Tap Factory Active, at 3 o'clock, 4", within 8 inch: NO	00:09:55	2497	
	209.80	Roots Fine Lateral, at 3 o'clock, within 8 inch: NO	00:10:06	2498	M 1
	221.60	Tap Factory Active, at 9 o'clock, 4", within 8 inch: NO	00:10:43	2499	
	221.60	Roots Medium Lateral, at 9 o'clock, 40 %, within 8 inch: NO	00:10:57	2500	M 3
	267.70	Tap Factory Active, at 3 o'clock, 4", within 8 inch: NO	00:12:40	2501	
	267.70	Roots Fine Lateral, at 3 o'clock, within 8 inch: NO	00:12:52	2502	M 1
	282.50	Tap Factory Active, at 9 o'clock, 4", within 8 inch: NO	00:13:36	2503	
	282.50	Roots Medium Lateral, at 9 o'clock, 25 %, within 8 inch: NO	00:13:53	2504	M 3
	286.40	Tap Break-in Active, at 3 o'clock, 4", within 8 inch: NO	00:14:20	2505	
	303.10	Manhole, within 8 inch: NO, Remarks: 2071-0457	00:15:10	2506	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
5100	3321	5	14	19	5	2	2.38



Inspection report

Date: 20081008	P.O. # Y0TV0809A	Weather: Dry	Surveyed By: Anthony Hernandez	section number: 435	PSR: 121343
Total Pipe Length: 171.00	Survey Customer: LACDPW	System Owner: TEC	Clean Date: 10/07/2008	Pre-Cleaned: Jetting	Map Grid # 2071

Street: LIVE OAK AV	Flow Control: Not Controlled	Start MH: 2071-0688
City: TEC	Year Renewed	End MH: 2071-0870
Location Code: Light Highway	Tape/Media # A039	pipe length: 169.9 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0688/2071-0870/2071	Lining Method:
	Category:

Remark::

1:400	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 2071-0688	00:00:43	287	
	0.00	Vermin Cockroach, within 8 inch: NO	00:01:04	288	M 1
	6.00	Water Level, 10 %, within 8 inch: NO	00:01:33	289	M 2
	6.00	Water Mark, 15 %, within 8 inch: NO	00:01:51	290	M 2
	6.60	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	00:02:12	291, b	
	6.60	Crack Circumferential, from 8 to 3 o'clock, within 8 inch: YES	00:02:33	293, b	S 1
	31.70 S1	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, Start	00:03:53	295, b	
	35.60	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:04:25	297	
	35.60	Roots Ball Lateral, at 3 o'clock, 60 %, within 8 inch: NO	00:04:44	298	M 4
	35.60	Roots Medium Connection, from 2 to 5 o'clock, 20 %, within 8 inch: NO	00:05:09	299	M 3
	90.30	Tap Factory Capped, at 3 o'clock, 6", within 8 inch: NO	00:07:00	300	
	105.00	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:07:45	301	
	105.00	Roots Ball Lateral, at 3 o'clock, 95 %, within 8 inch: NO	00:07:58	302	M 4
	105.00	Roots Medium Connection, from 2 to 6 o'clock, 15 %, within 8 inch: NO	00:08:21	303	M 3
	112.50	Crack Circumferential, from 12 to 12 o'clock, within 8 inch: YES	00:08:57	304	S 1
	112.50	Roots Medium Joint, from 7 to 5 o'clock, 25 %, within 8 inch: YES	00:09:19	305	
	122.00	Roots Medium Joint, from 2 to 1 o'clock, 20 %, within 8 inch: YES	00:09:55	306, b	
	140.50	Crack Circumferential, from 12 to 12 o'clock, within 8 inch: YES	00:10:56	308, b	S 1
	140.50	Roots Medium Joint, from 1 to 9 o'clock, 20 %, within 8 inch: YES	00:11:13	310, b	
	165.20	Crack Circumferential, from 12 to 12 o'clock, within 8 inch: YES	00:12:33	312, b	S 1
	165.20 F1	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, End	00:12:57	314	
	168.40	Broken Void Visible, from 3 to 10 o'clock, within 8 inch: YES	00:13:52	315, b	S 5
	168.40	Roots Medium Barrel, from 3 to 10 o'clock, 25 %, within 8 inch: NO	00:14:15	317, b	M 4
	169.90	Manhole, within 8 inch: NO, Remarks: 2071-0870	00:14:50	319	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
5114	4332	9	23	32	1.8	2.88	2.46



Inspection report

Date: 20081010	P.O. # Y0TV0809A	Weather: Dry	Surveyed By: Anthony Hernandez	section number: 461	PSR: 121282
Total Pipe Length: 284.00	Survey Customer: LACDPW	System Owner: TEC	Clean Date: 10/09/2008	Pre-Cleaned: Jetting	Map Grid # 2071

Street: HALIFAX RD	Flow Control: Not Controlled	Start MH: 2071-0744
City: TEC	Year Renewed	End MH: 2071-0745
Location Code: Light Highway	Tape/Media # A041	pipe length: 254.3 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0744/2071-0745/2071	Lining Method:
	Category:

Remark::

1:462	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 2071-0744	00:00:24	776	
	6.00	Water Level, 10 %, within 8 inch: NO	00:00:52	777	M 2
	6.00	Water Mark, 15 %, within 8 inch: NO	00:00:59	778	M 2
	25.30	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:01:40	779	
	37.10	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:02:11	780	
	44.70	Roots Fine Joint, at 4 o'clock, within 8 inch: YES	00:02:35	781, b	
	75.30	Roots Fine Joint, from 4 to 8 o'clock, within 8 inch: YES	00:03:51	783, b	
	90.40	Crack Longitudinal, at 9 o'clock, within 8 inch: YES	00:04:41	785, b	S 2
	90.40	Roots Fine Joint, from 7 to 9 o'clock, within 8 inch: YES	00:04:53	787, b	
	93.50	Roots Fine Joint, from 3 to 5 o'clock, within 8 inch: YES	00:05:39	789, b	
	103.50	Tap Factory Capped, at 9 o'clock, 6", within 8 inch: NO	00:06:25	791	
	105.40	Roots Fine Joint, from 7 to 9 o'clock, within 8 inch: YES	00:06:42	792, b	
	106.40	Tap Factory Capped, at 3 o'clock, 6", within 8 inch: NO	00:07:12	794	
	117.20	Roots Fine Joint, from 7 to 8 o'clock, within 8 inch: YES	00:07:51	795, b	
	123.20	Roots Fine Joint, from 4 to 5 o'clock, within 8 inch: YES	00:08:25	797, b	
	138.70	Roots Fine Joint, from 4 to 8 o'clock, within 8 inch: YES	00:09:16	799, b	
	142.00	Roots Fine Joint, from 5 to 8 o'clock, within 8 inch: YES	00:10:07	801, b	
	151.20	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, Start	00:10:52	803, b	S 1
	153.00	Tap Break-in Active, at 2 o'clock, 6", within 8 inch: NO	00:11:21	805	
	153.00	Roots Medium Lateral, at 2 o'clock, 25 %, within 8 inch: NO	00:11:36	806	M 3
	153.00	Roots Medium Connection, from 2 to 5 o'clock, 5 %, within 8 inch: NO	00:12:04	807	M 3
	155.20	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:12:22	808	
	167.10	Tap Factory Capped, at 3 o'clock, 6", within 8 inch: NO	00:12:58	809	



Inspection report

Date: 20081010	P.O. # Y0TV0809A	Weather: Dry	Surveyed By: Anthony Hernandez	section number: 461	PSR: 121282
Total Pipe Length: 284.00	Survey Customer: LACDPW	System Owner: TEC	Clean Date: 10/09/2008	Pre-Cleaned: Jetting	Map Grid # 2071

1:462	position	observation	MPEG	photo	grade
	214.40 F1	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, End	00:14:33	810	
	221.00	Roots Fine Joint, at 5 o'clock, within 8 inch: YES	00:15:07	811, b	
	<u>221.00</u>	Crack Longitudinal, at 4 o'clock, within 8 inch: YES	00:15:28	813, b	S 2
	226.90	Roots Fine Joint, from 4 to 9 o'clock, within 8 inch: YES	00:16:13	815, b	
	235.90	Roots Fine Joint, at 9 o'clock, within 8 inch: YES	00:16:54	817, b	
	238.80	Roots Fine Joint, at 3 o'clock, within 8 inch: YES	00:17:19	819, b	
	<u>240.10</u>	Broken Void Visible, from 10 to 6 o'clock, within 8 inch: YES	00:18:04	821, b	S 5
	<u>244.80</u>	Crack Circumferential, from 8 to 12 o'clock, within 8 inch: YES	00:19:13	825	S 1
	244.80	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	00:19:27	826, b	
	251.00	Roots Fine Joint, from 4 to 10 o'clock, within 8 inch: YES	00:20:11	828, b	
	254.30	Manhole, within 8 inch: NO, Remarks: 2071-0745	00:20:45	830	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
5122	3222	10	10	20	2.5	2.5	2.5



Inspection report

Date: 20081016	P.O. # Y0TV0809A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 402	PSR: 121310
Total Pipe Length: 34.00	Survey Customer: LACDPW	System Owner: TEC	Clean Date: 10/15/2008	Pre-Cleaned: Jetting	Map Grid # 2071

Street: LOWER AZUSA RD	Flow Control: Not Controlled	Start MH: 2071-0655
City: TEC	Year Renewed:	End MH: 2071-0659
Location Code: Main Highway - Suburban/Rural	Tape/Media # G312-043	pipe length: 44 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0655/2071-0659/2071	Lining Method:
	Category:

Remark::

1:100	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 2071-0655	00:00:34	1844	
	0.00	Water Level, 10 %, within 8 inch: NO	00:00:48	1845	M 2
	22.80	Water Level Sag, 25 %, within 8 inch: NO, Start	00:01:28	1846, b	M 2
	22.80	Fracture Circumferential, from 7 to 6 o'clock, within 8 inch: NO	00:03:12	1848, b	S 2
	22.80	Crack Longitudinal, at 2 o'clock, within 8 inch: NO	00:03:44	1850, b	S 2
	25.00	Crack Circumferential, from 7 to 5 o'clock, within 8 inch: YES	00:2:10	1852, b	S 1
	32.60	Water Level, 45 %, within 8 inch: NO	00:04:44	1854	M 2
	35.40	Camera Underwater, within 8 inch: NO, Start	00:04:57	1855, b	M 4
	35.70	Joint Offset Medium, within 8 inch: YES	00:05:40	1857, b	S 1
	38.70	Camera Underwater, within 8 inch: NO, End	00:06:15	1859	M 4
	40.70	Joint Offset Medium, within 8 inch: YES	00:07:01	1860, b	S 1
	40.80	Water Level Sag, 25 %, within 8 inch: NO, End	00:07:23	1862	M 2
	40.80	Water Level, 10 %, within 8 inch: NO	00:07:36	1863	M 2
	42.40	Joint Offset Medium, within 8 inch: YES	00:08:06	1864, b	S 1
	44.00	Broken, from 6 to 10 o'clock, within 8 inch: NO, Remarks: Channel of MH	00:08:54	1866, b	S 5
44.00	Manhole, within 8 inch: NO, Remarks: 2071-0659	00:09:31	1868		

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
5122	4225	13	18	31	1.86	2.57	2.21



Inspection report

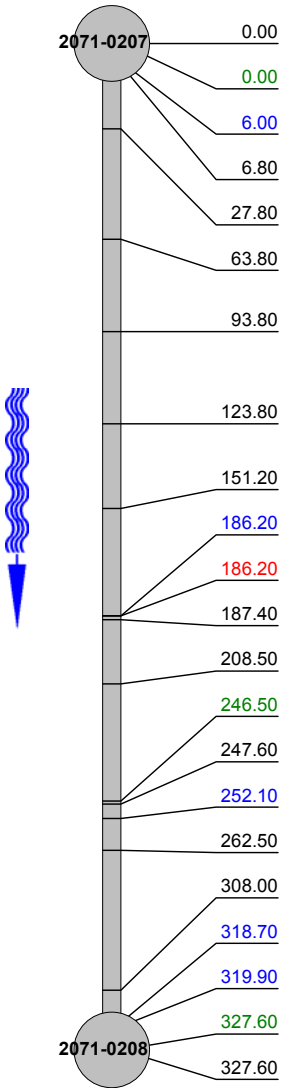
Date: 20081015	P.O.☐ Y0TV0809A	Weather: Dry	Surveyed By: Martin Garcia	section number: 60	PSR: 121809
Total Pipe Length: 320.00	Survey Customer: LACDPW	System Owner: Temple City	Clean Date: 10/06/2008	Pre-Cleaned: Jetting	Map Grid ☐ 2071

Street: Alessandro Ave	Flow Control: Not Controlled	Start MH: 2071-0207
City: TEC	Year Renewed	End MH: 2071-0208
Location Code: Light Highway	Tape/Media ☐ M313-037	pipe length: 327.6 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0207/2071-0208/2071	Lining Method:
	Category:

Remark::

1:750	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 2071-0207	00:00:28	1079	
	0.00	Vermin Cockroach, within 8 inch: NO	00:00:46	1080	M 1
	6.00	Water Level, 5 %, within 8 inch: NO	00:01:42	1081	M 2
	6.80	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:01:58	1082	
	27.80	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:02:47	1083	
	63.80	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:04:03	1084	
	93.80	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:05:11	1085	
	123.80	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:06:18	1086	
	151.20	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:07:20	1087	
	186.20	Fracture Circumferential, from 12 to 6 o'clock, within 8 inch: YES	00:08:49	1088, b	S 2
	186.20	Broken Soil Visible, from 3 to 6 o'clock, within 8 inch: YES	00:09:22	1090, b	S 5
	187.40	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:09:43	1092	
	208.50	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:10:33	1093	
	246.50	Crack Circumferential, from 12 to 3 o'clock, within 8 inch: YES	00:12:00	1094, b	S 1
	247.60	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:12:23	1096	
	252.10	Crack Longitudinal, at 4 o'clock, within 8 inch: YES	00:13:01	1097, b	S 2
	262.50	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:13:43	1099	
	308.00	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:15:42	1100	
	318.70	Crack Longitudinal, at 12 o'clock, within 8 inch: YES	00:16:30	1101, b	S 2
	319.90	Tap Factory Defective, at 9 o'clock, 6", within 8 inch: NO	00:17:00	1103	M 2
	327.60	Vermin Cockroach, within 8 inch: NO	00:17:38	1104	M 1
	327.60	Manhole, within 8 inch: NO, Remarks: 2071-0208	00:17:49	1105	



QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
5123	2212	12	6	18	2.4	1.5	2



Inspection report

Date: 20081015	P.O. # Y0TV0809A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 387	PSR: 121312
Total Pipe Length: 300.00	Survey Customer: LACDPW	System Owner: TEC	Clean Date: 10/14/2008	Pre-Cleaned: Jetting	Map Grid # 2071

Street: BALDWIN AV	Flow Control: Not Controlled	Start MH: 2071-0658
City: TEC	Year Renewed	End MH: 2071-0657
Location Code: Sidewalk	Tape/Media # G312-042	pipe length: 336.5 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0657/2071-0658/2071	Lining Method:
	Category:

Remark::

1:750	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 2071-0658	00:00:43	1453	
	<u>0.00</u>	Water Level, 10 %, within 8 inch: NO	00:00:53	1454	M 2
	<u>7.10</u>	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:01:18	1455	
	<u>26.80</u>	Tap Break-in Active, at 3 o'clock, 4", within 8 inch: NO	00:02:11	1456	
	<u>27.60</u>	Crack Multiple, from 9 to 3 o'clock, within 8 inch: YES	00:02:48	1457, b	S 3
	<u>46.00</u>	Joint Offset Medium, within 8 inch: YES	00:03:31	1459, b	S 1
	<u>47.20</u>	Tap Factory Capped, at 3 o'clock, 6", within 8 inch: NO	00:04:16	1461	
	<u>61.10</u> S1	Crack Multiple, from 7 to 6 o'clock, within 8 inch: YES, Start	00:05:15	1462, b	S 3
	<u>70.50</u>	Joint Offset Medium, within 8 inch: YES	00:05:46	1464, b	S 1
	<u>102.90</u>	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:06:46	1466	
	<u>132.60</u>	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	00:08:05	1467, b	
	<u>132.60</u>	Fracture Multiple, from 7 to 3 o'clock, within 8 inch: YES	00:08:33	1469, b	S 4
	<u>132.60</u> S2	Broken, from 6 to 9 o'clock, within 8 inch: YES, Start	00:09:00	1471, b	S 4
	<u>133.30</u>	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:10:05	1473	
	<u>133.30</u>	Roots Medium Connection, from 2 to 6 o'clock, 25 %, within 8 inch: NO	00:10:28	1474, b	M 3
	<u>133.90</u> F2	Broken, from 6 to 9 o'clock, within 8 inch: YES, End	00:11:22	1476	S 4
	<u>141.20</u>	Roots Fine Joint, from 7 to 9 o'clock, within 8 inch: YES	00:12:08	1477, b	
	<u>201.40</u>	Tap Break-in Active, at 3 o'clock, 6", within 8 inch: NO	00:13:41	1479	
	<u>238.90</u>	Tap Factory Capped, at 3 o'clock, 4", within 8 inch: NO	00:14:47	1480	
	<u>297.40</u>	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:16:52	1481	
	<u>333.00</u> F1	Crack Multiple, from 7 to 6 o'clock, within 8 inch: YES, End	00:18:24	1482	S 3
	<u>334.30</u>	Tap Factory Capped, at 3 o'clock, 6", within 8 inch: NO	00:18:44	1483	
	<u>336.50</u>	Manhole, within 8 inch: NO, Remarks: 2071-0657	00:19:22	1484	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
4333	3121	23	5	28	2.88	2.5	2.8



Inspection report

Date: 20081003	P.O. # Y0TV0809A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 3191	PSR: 121198
Total Pipe Length: 235.00	Survey Customer: LACDPW	System Owner: TEC	Clean Date:	Pre-Cleaned: Jetting	Map Grid # 2071

Street: HALLOWELL AV	Flow Control: Not Controlled	Start MH: 2071-0779
City: TEC	Year Renewed:	End MH: 2071-0778
Location Code: Light Highway	Tape/Media # G312-034	pipe length: 245.3 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0778/2071-0779/2071	Lining Method:
	Category:

Remark::

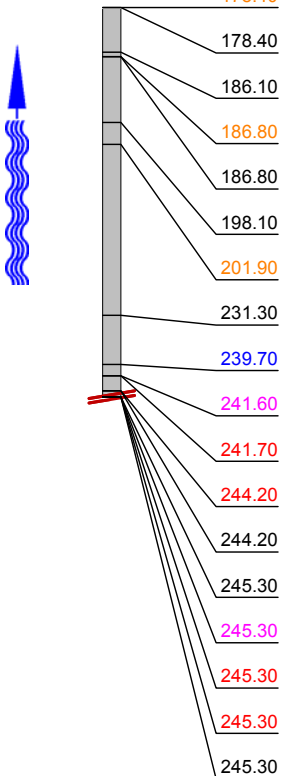
1:396	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 2071-0779	00:00:35	3541	
	<u>5.00</u>	Water Level, 5 %, within 8 inch: NO	00:01:03	3542	M 2
	9.30	Roots Fine Joint, from 8 to 10 o'clock, within 8 inch: YES	00:01:22	3543, b	
	<u>9.30</u>	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	00:01:52	3545, b	S 3
	<u>21.80</u>	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	00:02:52	3547, b	S 3
	21.80	Roots Fine Joint, from 12 to 5 o'clock, within 8 inch: YES	00:03:12	3549, b	
	23.50	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:03:40	3551	
	26.10	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:03:59	3552	
	60.40	Roots Fine Joint, from 3 to 5 o'clock, within 8 inch: YES	00:04:51	3553, b	
	<u>60.40</u>	Crack Multiple, from 1 to 9 o'clock, within 8 inch: YES	00:05:18	3555, b	S 3
	74.40	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:05:56	3557	
	77.00	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:6:10	3558	
	84.10	Roots Tap Joint, from 3 to 9 o'clock, 10 %, within 8 inch: YES	00:06:46	3559, b	
	85.80	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:07:08	3561	
	96.10	Roots Tap Joint, from 3 to 10 o'clock, 10 %, within 8 inch: YES	00:08:08	3562, b	
	<u>96.10</u>	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	00:08:22	3564, b	S 3
	102.10	Roots Fine Joint, from 7 to 9 o'clock, within 8 inch: YES	00:09:09	3566, b	
	<u>102.10</u>	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	00:09:35	3568, b	S 3
	129.00	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:10:37	3570	
	<u>129.00</u>	Roots Tap Connection, from 7 to 10 o'clock, 10 %, within 8 inch: NO	00:11:07	3571, b	M 2
	144.00	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:11:58	3573	



Inspection report

Date: 20081003	P.O. # Y0TV0809A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 3191	PSR: 121198
Total Pipe Length: 235.00	Survey Customer: LACDPW	System Owner: TEC	Clean Date:	Pre-Cleaned: Jetting	Map Grid # 2071

1:396	position	observation	MPEG	photo	grade
	178.40	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	00:13:10	3574, b	S 3
	178.40	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	00:13:27	3576, b	
	186.10	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:14:02	3578	
	186.80	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	00:14:53	3579, b	S 3
	186.80 S1	Roots Fine Joint, from 3 to 9 o'clock, within 8 inch: YES, Start	00:15:13	3581, b	
	198.10	Tap Break-in Active, at 3 o'clock, 4", within 8 inch: NO	00:15:57	3583	
	201.90	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	00:16:33	3584, b	S 3
	231.30	Tap Factory Capped, at 9 o'clock, 6", within 8 inch: NO	00:17:38	3586	
	239.70	Fracture Circumferential, from 4 to 10 o'clock, within 8 inch: YES	00:18:34	3587, b	S 2
	241.60 S2	Fracture Multiple, from 7 to 5 o'clock, within 8 inch: YES, Start	00:19:50	3589, b	S 4
	241.70 S3	Deformed, 15 %, within 8 inch: NO, Start	00:20:30	3591, b	S 5
	244.20	Hole Soil Visible, from 8 to 10 o'clock, within 8 inch: YES	00:21:36	3593	S 5
	244.20	Roots Medium Joint, from 8 to 10 o'clock, 35 %, within 8 inch: YES	00:21:54	3594	
	245.30 F1	Roots Fine Joint, from 3 to 9 o'clock, within 8 inch: YES, End	00:22:49	3595	
	245.30 F2	Fracture Multiple, from 7 to 5 o'clock, within 8 inch: YES, End	00:23:09	3596	S 4
	245.30 F3	Deformed, 15 %, within 8 inch: NO, End	00:23:25	3597	S 5
	245.30	Broken, from 3 to 9 o'clock, within 8 inch: YES	00:23:44	3598, b	S 5
	245.30	Abandoned Survey, within 8 inch: NO, Remarks: Completes inspection of e	00:24:08	3600	





Inspection report

Date: 20081003	P.O. # Y0TV0809A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 3190	PSR: 121198
Total Pipe Length: 235.00	Survey Customer: LACDPW	System Owner: TEC	Clean Date:	Pre-Cleaned: Jetting	Map Grid # 2071

Street: HALLOWELL AV	Flow Control: Not Controlled	Start MH: 2071-0778
City: TEC	Year Renewed	End MH: 2071-0779
Location Code: Light Highway	Tape/Media # G312-034	pipe length: 15.4 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0778/2071-0779/2071	Lining Method:
	Category:

Remark::

1:50	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 2071-0778	00:00:33	3512	
	5.00	Water Level, 5 %, within 8 inch: NO	00:00:59	3513	M 2
	7.20	Tap Factory Defective, at 3 o'clock, 6", 2, within 8 inch: NO	00:01:26	3514, b	M 2
	7.20	Roots Fine Lateral, at 3 o'clock, within 8 inch: NO	00:01:38	3516, b	M 1
	9.10 S1	Crack Multiple, from 2 to 10 o'clock, within 8 inch: YES, Start	00:02:30	3518, b	S 3
	12.20 S2	Fracture Multiple, from 7 to 5 o'clock, within 8 inch: YES, Start	00:03:31	3520, b	S 4
	12.20 S3	Broken, from 3 to 9 o'clock, within 8 inch: YES, Start	00:03:51	3522, b	S 5
	12.20 S4	Deformed, 20 %, within 8 inch: NO, Start	00:04:24	3525, b	S 5
	12.20 F1	Crack Multiple, from 2 to 10 o'clock, within 8 inch: YES, End	00:04:39	3528	S 3
	12.50	Roots Fine Barrel, from 5 to 9 o'clock, within 8 inch: NO	00:05:47	3529, b	M 2
	15.40	Roots Fine Joint, from 6 to 10 o'clock, within 8 inch: YES	00:07:14	3531, b	
	15.40	Hole Soil Visible, from 2 to 4 o'clock, within 8 inch: YES	00:07:50	3533, b	S 5
	15.40	Roots Medium Barrel, from 2 to 4 o'clock, 30 %, within 8 inch: NO	00:08:12	3535, b	M 4
	15.40 F2	Fracture Multiple, from 7 to 5 o'clock, within 8 inch: YES, End	00:10:02	3537	S 4
	15.40 F3	Broken, from 3 to 9 o'clock, within 8 inch: YES, End	00:10:14	3538	S 5
	15.40 F4	Deformed, 20 %, within 8 inch: NO, End	00:10:26	3539	S 5
	15.40	Abandoned Survey, within 8 inch: NO, Remarks: Camera blocked by broken,	00:10:53	3540	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
5542	4123	39	11	50	4.33	2.2	3.57



Inspection report

Date: 20081007	P.O. # Y0TV0809A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 3219	PSR: 121400
Total Pipe Length: 305.00	Survey Customer: LACDPW	System Owner: TEC	Clean Date:	Pre-Cleaned: Jetting	Map Grid # 2071

Street: LA ROSA DR	Flow Control: Not Controlled	Start MH: 2071-0631
City: TEC	Year Renewed	End MH: 2071-0632
Location Code: Light Highway	Tape/Media # G312-036	pipe length: 329.2 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0631/2071-0632/2071	Lining Method:
	Category:

Remark::

1:429	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 2071-0631	00:00:39	4235	
	1.50	Deposits Attached Grease, from 9 to 3 o'clock, 10 %, within 8 inch: NO	00:01:23	4236, b	M 2
	6.00	Water Level, 5 %, within 8 inch: NO	00:02:14	4238	M 2
	6.00	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	00:02:34	4239	S 3
	6.00	Roots Ball Joint, from 12 to 8 o'clock, 55 %, within 8 inch: YES	00:03:17	4240, b	
	6.80	Tap Factory Defective, at 3 o'clock, 6", 2, within 8 inch: NO	00:03:55	4242, b	M 2
	6.80	Roots Fine Lateral, at 3 o'clock, within 8 inch: NO	00:04:06	4244, b	M 1
	14.70	Crack Circumferential, from 2 to 4 o'clock, within 8 inch: YES	00:09:20	4246, b	S 1
	18.70	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:09:50	4248	
	29.80 S1	Roots Fine Joint, from 7 to 9 o'clock, within 8 inch: YES, Start	00:10:26	4249, b	
	29.80 S2	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES, Start	00:10:57	4251, b	S 3
	87.30	Tap Break-in Active, at 9 o'clock, 4", within 8 inch: NO	00:12:54	4253	
	89.10	Tap Break-in Active, at 9 o'clock, 4", within 8 inch: NO	00:13:12	4254, b	
	92.20	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:13:32	4256	
	94.80	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:13:56	4257	
	98.90 F1	Roots Fine Joint, from 7 to 9 o'clock, within 8 inch: YES, End	00:14:14	4258	
	111.00 S3	Fracture Circumferential, from 4 to 8 o'clock, within 8 inch: YES, Start	00:14:56	4259, b	S 2
	114.80	Roots Fine Joint, from 9 to 12 o'clock, within 8 inch: YES	00:15:28	4261	
	142.10 F3	Fracture Circumferential, from 4 to 8 o'clock, within 8 inch: YES, End	00:16:28	4262	S 2
	165.30	Tap Factory Capped, at 3 o'clock, 6", within 8 inch: NO	00:17:16	4263	
	177.00	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:17:53	4264	
	192.30	Tap Break-in Active, at 9 o'clock, 4", within 8 inch: NO	00:18:49	4265	



Inspection report

Date: 20081007	P.O. # Y0TV0809A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 3219	PSR: 121400
Total Pipe Length: 305.00	Survey Customer: LACDPW	System Owner: TEC	Clean Date:	Pre-Cleaned: Jetting	Map Grid # 2071

1:429	position	observation	MPEG	photo	grade
	193.40	Tap Break-in Active, at 9 o'clock, 4", within 8 inch: NO	00:19:09	4266	
	195.20	Tap Factory Capped, at 3 o'clock, 6", within 8 inch: NO	00:19:28	4267	
	202.20 S4	Fracture Circumferential, from 7 to 5 o'clock, within 8 inch: YES, Start	00:20:04	4268, b	S 2
	202.50 S5	Roots Fine Joint, from 7 to 10 o'clock, within 8 inch: YES, Start	00:20:49	4270, b	
	205.20	Broken, from 3 to 5 o'clock, within 8 inch: YES	00:21:44	4272, b	S 4
	206.00 F4	Fracture Circumferential, from 7 to 5 o'clock, within 8 inch: YES, End	00:22:06	4274	S 2
	219.10	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:22:41	4275	
	226.70 F5	Roots Fine Joint, from 7 to 10 o'clock, within 8 inch: YES, End	00:23:05	4276	
	238.90	Roots Fine Joint, from 10 to 2 o'clock, within 8 inch: YES	00:23:42	4277, b	
	245.20	Joint Offset Medium, within 8 inch: YES	00:24:15	4279, b	S 1
	276.10 S6	Roots Fine Joint, from 7 to 2 o'clock, within 8 inch: YES, Start	00:25:45	4281, b	
	278.00	Tap Break-in Active, at 3 o'clock, 6", within 8 inch: NO	00:26:11	4283	
	301.60	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:27:08	4284	
	325.80 F2	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES, End	00:28:16	4285	S 3
	325.80 F6	Roots Fine Joint, from 7 to 2 o'clock, within 8 inch: YES, End	00:28:30	4286	
	329.20	Manhole, within 8 inch: NO, Remarks: 2071-0632	00:29:13	4287	



Inspection report

Date: 20081007	P.O. # Y0TV0809A	Weather: Dry	Surveyed By: Gilbert Contreras	section number: 3222	PSR: 121402
Total Pipe Length: 122.00	Survey Customer: LACDPW	System Owner: TEC	Clean Date:	Pre-Cleaned: Jetting	Map Grid # 2071

Street: LA ROSA DR	Flow Control: Not Controlled	Start MH: 2071-0634
City: TEC	Year Renewed	End MH: 2071-0633
Location Code: Light Highway	Tape/Media # G312-036	pipe length: 138.2 ft

Reason for inspection: Routine Assessment	Dia/Height: Circular 8"/8"
Use of Sewer: Sanitary	Material: Vitrified Clay Pipe Pipe Length:
Drain. Area: 0633/2071-0634/2071	Lining Method:
	Category:

Remark::

1:325	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 2071-0634	00:00:40	4395	
	0.00	Vermin Cockroach, within 8 inch: NO	00:00:51	4396, b	M 1
	0.00	Water Level, 10 %, within 8 inch: NO	00:01:08	4398	M 2
	0.50	Crack Circumferential, from 3 to 9 o'clock, within 8 inch: YES	00:01:48	4399, b	S 1
	10.00 S1	Crack Circumferential, from 2 to 10 o'clock, within 8 inch: YES, Start	00:02:36	4401, b	S 1
	14.00	Tap Factory Capped, at 3 o'clock, 6", within 8 inch: NO	00:03:03	4403	
	21.50 F1	Crack Circumferential, from 2 to 10 o'clock, within 8 inch: YES, End	00:03:45	4404	S 1
	21.50	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES	00:03:59	4405, b	S 3
	21.50	Broken, from 4 to 8 o'clock, within 8 inch: YES	00:04:20	4407, b	S 5
	33.20	Crack Circumferential, from 3 to 9 o'clock, within 8 inch: YES	00:05:03	4409, b	S 1
	34.30 S2	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES, Start	00:05:44	4411, b	S 3
	34.30	Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES	00:05:57	4415, b	
	35.20	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:06:21	4417	
	41.10	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:06:46	4418	
	88.80	Fracture Circumferential, from 2 to 3 o'clock, within 8 inch: YES	00:08:33	4419, b	S 2
	90.20	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:09:02	4421	
	135.40 F2	Crack Multiple, from 7 to 5 o'clock, within 8 inch: YES, End	00:11:11	4422	S 3
	138.20	Manhole, within 8 inch: NO, Remarks: 2071-0633	00:11:40	4423	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
5133	2111	20	3	23	2.22	1.5	2.09