

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 IN REPLY PLEASE REFER TO FILE SM-1

September 21, 2009

Mr Rene Salas, Director of Public Works City of La Puente 15900 East Main Street La Puente, CA 91744

Attention Ms Jeannette Ortega

Dear Mr Salas

### CONSOLIDATED SEWER MAINTENANCE DISTRICT CONDITION ASSESSMENT PROGRAM REPORT PROJECT Y0TV0506E

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 (CCTV) inspection of 32,439 feet or approximately 10 1 percent of the City of La Puente'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 Rene Salas September 21, 2009 Page 2

The Condition Assessment Report provides 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 In addition, the twelve segments with severe structural defects as noted in Enclosure 3 Quick Structural Rating Report Priority List will be lined as part of the ongoing Accumulative Capital Outlay Project by June 30, 2010

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

Very truly yours,

GAIL FARBER Director of Public Works

C. Wal-

JÓHN T. WALKER Assistant Deputy Director Sewer Maintenance Division

PK gy

Enc.

bc: Programs Development (ARIKI)

bc: JW, KL, RS, FV, File (Project Y0TV0506E), SPINDLE

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

PROJECT NAME: PROJECT DATE:	Y0TV0506E 05/10/06-09/15/06	PROJECT MGR CONTACT NO:	Kari Eskridge (626) 300-3390
SUP DISTRICT(s):		MAP PAGE(S):	2261, 2218
Report By	Phyo Kyaw	Report Date	08/24/09

#### INTRODUCTION

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 (CCTV) inspection of 32,439 feet or approximately 10 1 percent of the City of La Puente'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 Y0TV0506E included sewer lines located in the Unincorporated County of Los Angeles area and in the Cities of Industry and La Puente 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	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 89 1 percent of the system televised was free of blockages or restrictions that would impede sewer flows. However, the remaining 10 9 percent of the inspected pipe segments within the City of La Puente 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 color-coded map showing the quick maintenance rating for each pipe segment.

DEFECT GRADE	PIPE LENGTH (FT)	PERCENT TOTAL INSPECTED PIPE LENGTH	NO. SEGMENTS
1: Excellent	3,514	10.8	17
2: Good	13,693	42.2	63
3: Fair	11.704	36 1	44
4: Poor	2,143	66	10
5: Immediate Attention	1,385	4.3	6
TOTAL	32,439	100.0	140

#### QUICK MAINTENANCE RATING TABLE

### STRUCTURAL REPORT

Our inspection revealed that approximately 72 2 percent of the inspected pipe segments within the City of La Puente were free of severe structural defects. However, the remaining 27 8 percent of the inspected pipe segments had a PACP structural grade of 4 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 36 in the Quick Structural Rating Report Priority List (Enclosure 3) which require a corrective action, the proposed corrective method will be performed as part of the ongoing Accumulative Capital Outlay Project. These repairs will be completed before June 30, 2010 when the City has planned to withdraw from the District. 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 36 segments are included in Enclosure 4

### QUICK STRUCTURAL RATING TABLE

DEFECT GRADE	PIPE LENGTH (FT)	PERCENT TOTAL INSPECTED PIPE LENGTH	NO. SEGMENTS
1 Excellent	7,429	22.9	38
2: Good	911	28	3
3: Fair	15,102	46.5	63
4: Poor	8,687	26 8	34
5: Immediate Attention	310	1.0	2
TOTAL	32,439	100.0	140

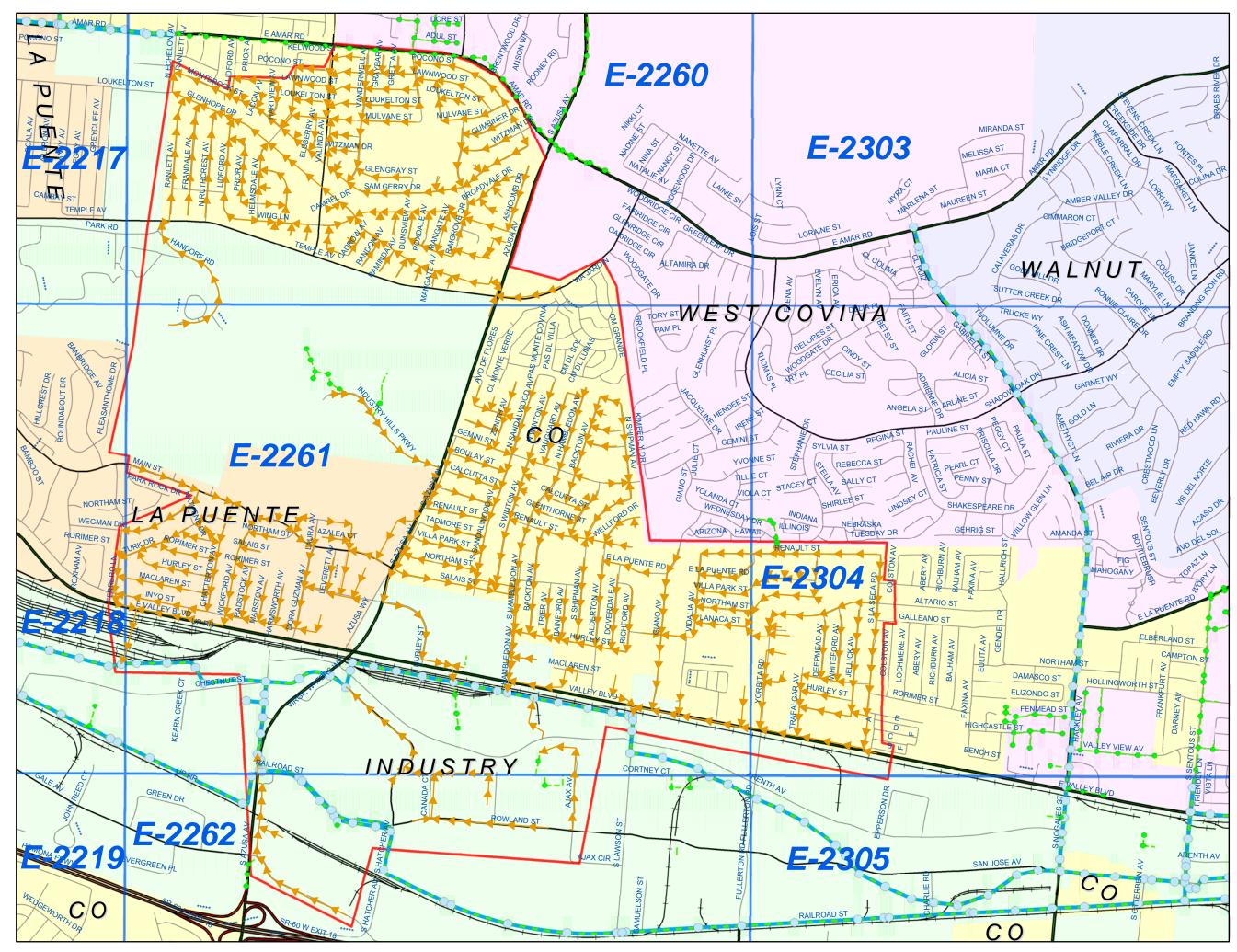
## **FUTURE PROJECTS**

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

FISCAL YEAR	PROJECT NAME	LENGTH (FT)	PERCENTAGE OF SYSTEM	STATUS
2005-2006	Y0TV0506E	32,439	10.1	COMPLETE
2011-2012*		54,317	16 8	
2012-2013*		88,651	27.5	
2013-2014*		147,082	45.6	
TOTAL		322,489	100.0	

# **ENCLOSURE 1**:

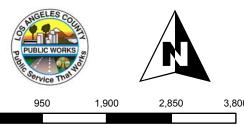
**Project Overview Map** 



# **PROJECT OVERVIEW MAP**

# CCTV PROJECT Y0TV0506E

Supervisorial District 1 Cities of Industry La Puente & County Unincorporated



Feet

# Legend

# **SMD Sanitary Sewers**

-----> SMD Sanitary Sewers

#### SMD Manholes

Other

#### Manhole Type

- Standard
- ▲ DROP
- Shallow
- ♦ Trap
- Siphon
- P SMD Pump Satations
- WTP SMD Treatment Plants

#### Maintained by Others:

- Trunk Sewerlines
- --- Non SMD Sanitary Sewers
- Trunk Mh
- Non SMD Maintained MH
- SMD Operations Maps
- Y0TV0506E

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# AUGUST 2009 Y0TV0506E\_OVERVIEW.mdx

# ENCLOSURE 2:

- Quick Maintenance Rating Report
   Priority List
- Quick Maintenance Rating Map

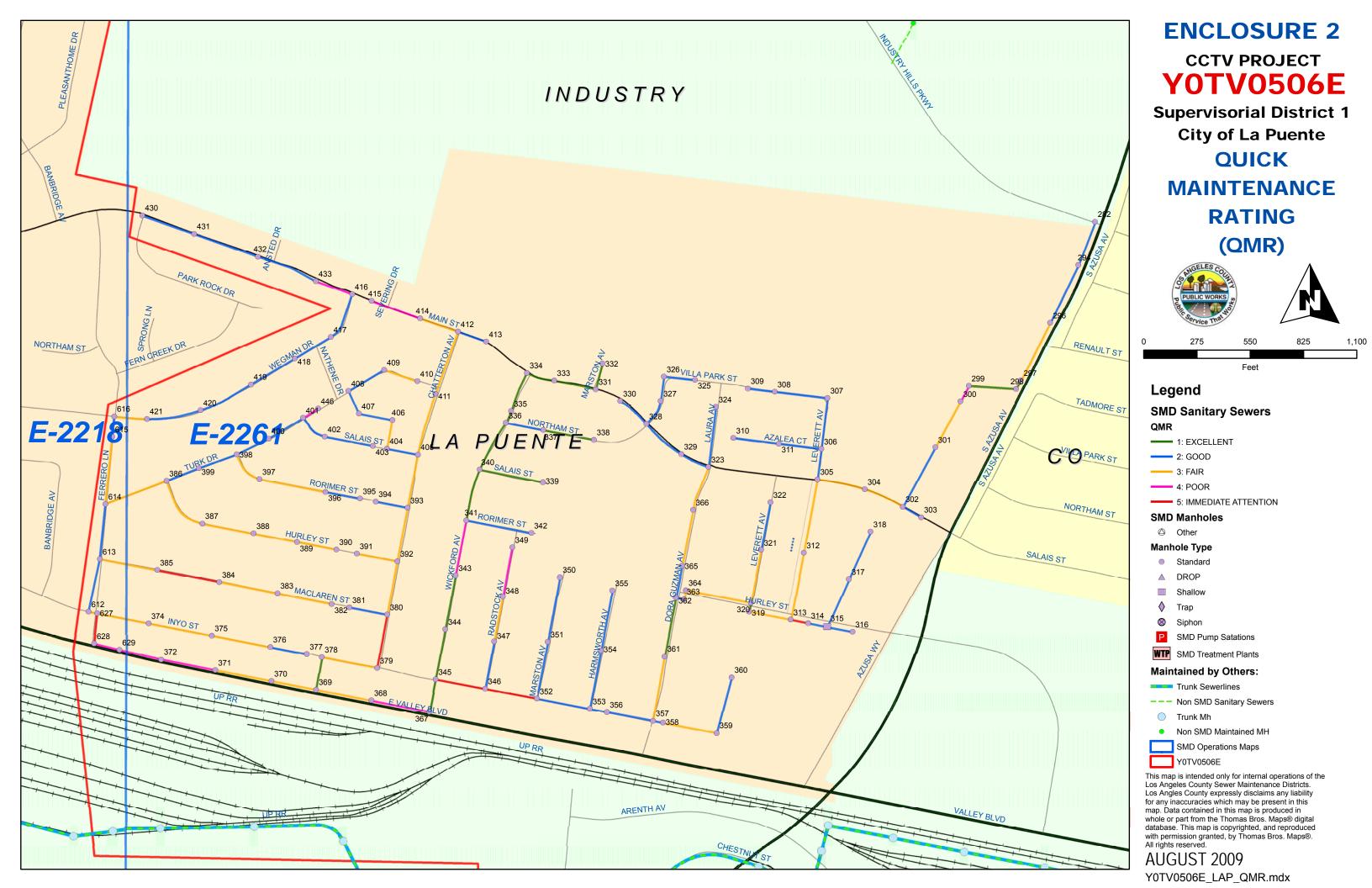
#### ENCLOSURE 2 QUICK MAINTENANCE RATING REPORT PRIORITY LIST CITY OF LA PUENTE (Y0TV0506E)

as of 09/15/06

ITEM NO.	QMR	START MH	END MH	STREET	OBSERVATION	CORRECTIVE ACTION TAKEN
1	5634	2261-0352	2261-0346	Inyo St	Roots	Hydrojet (completed 02/15/08)
2	5211	2261-0384	2261-0385	Macleran St	Roots	Hydrojet (completed 05/09/08)
3	5141	2261-0314	2261-0313	Hurley St	Grease	Hydrojet (completed 02/12/08)
4	5131	2261-0380	2261-0379	Chatteron Av	High water mark; grease	Hydrojet (completed 05/21/09)
5	5121	2218-0627	2218-0628	Ferrero Ln	Obstacle rod	Mill cutter (completed 05/26/08)
6	5112	2261-0346	2261-0345	Inyo St	Roots	Rodder (02/23/09)
7	4232	2261-0446	2261-0401	Turk Rd	Roots	Rodder (completed 06/25/08)
8	4132	2261-0349	2261-0348	Radstock Av	Roots	Hydrojet and rootsaw (completed 02/15/08)
9	4122	2218-0628	2218-0629	Valley Bl	High water level	Hydrojet (completed 05/26/09)
10	4121	2261-0415	2261-0414	Main St	Roots	Rodder (completed 06/25/08)
11	4100	2218-0629	2261-0372	Valley Bl	Camera under water	Hydrojet (completed 05/21/09)
12	4100	2261-0371	2261-0372	Valley Bl	Camera under water	Hydrojet (completed 05/21/09)
13	4100	2261-0367	2261-0368	Valley Bl	High water mark	No action needed.
14	4100	2261-0300	2261-0299	Azusa Av (easement)	Roots	Hydrojet and mill cutter (completed 02/14/08)

The following line segments received a Quick Maintenance Rating of above 4000 due to the observation of Root Ball or Deposit inside the lateral connection. 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 Prioirty List above identified with maintenance deficiencies in need of immediate attention by CSMD. CSMD has sent Notices of Root Intrusion from Lateral to the respective property owners.

ITEM NO.	QMR	QMR START MH END MH STREET		STREET	OBSERVATION	ADDRESS(ES) OF AFFECTED SEWER LATERALS	
1	4321	2261-0433	2261-0416	Main St	Root ball in laterals.	16921, 16928, 16929 Main Street	
2	4114	2261-0341	2261-0343	Wickford Av	Root ball in laterals.	603 Wickford Ave	



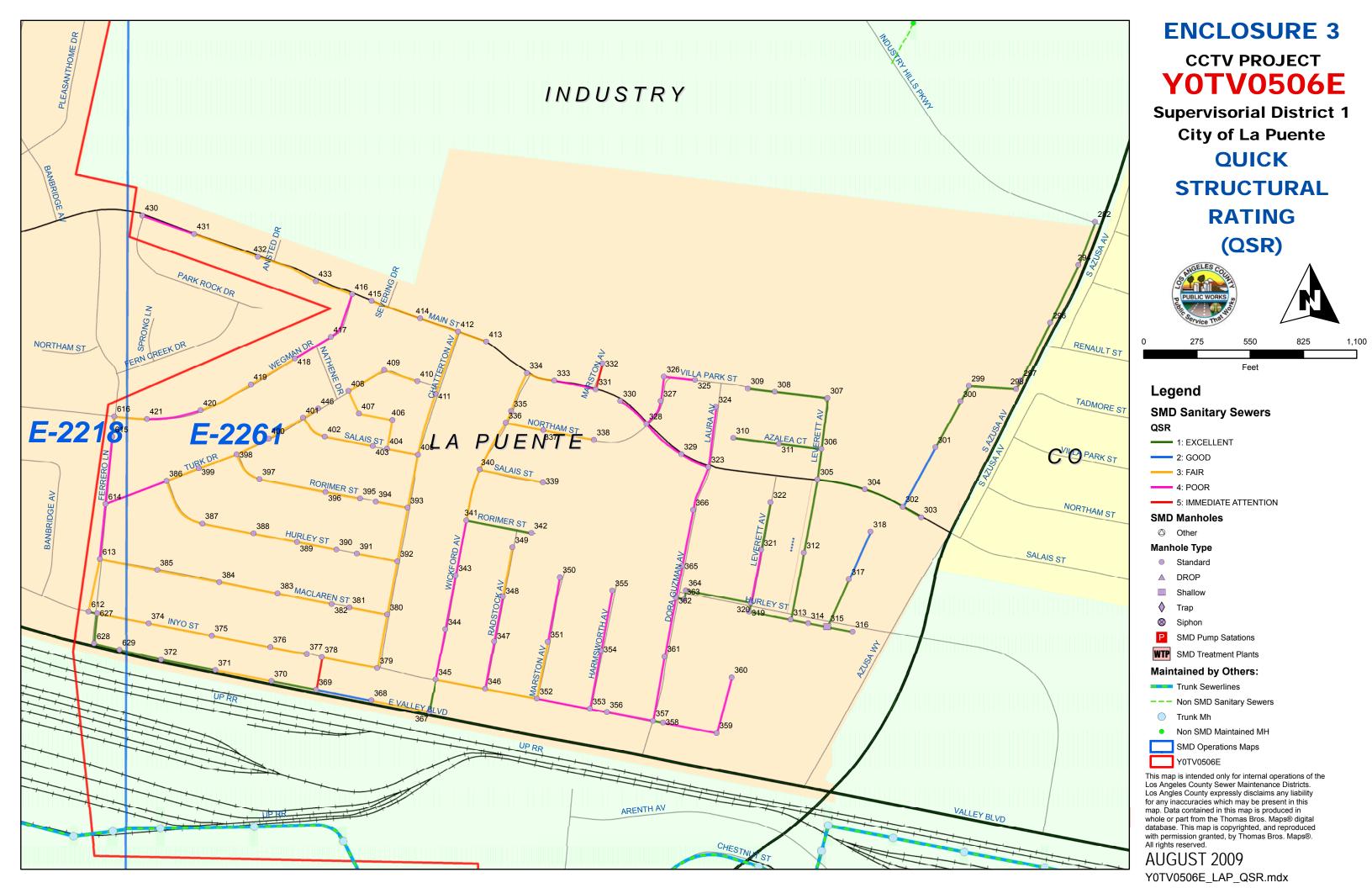
# ENCLOSURE 3:

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

#### ENCLOSURE 3 QUICK STRUCTURAL RATING REPORT PRIORITY LIST CITY OF LA PUENTE (Y0TV0506E)

as of 09/15/06

ITEM NO.	QSR	START MH	END MH	STREET	OBSERVATION: LOCATION	PROPOSED CORRECTIVE ACTION	LENGTH OF REPAIR (FT)
1	5143	2261-0378	2261-0369	Inyo St	Broken: 135'; fractures	Lining: MH to MH	148
2	5133	2261-0332	2261-0331	Marston Av	Hole with soil visible: 91'	Structural integrity intact. No action needed.	-
3	4A00	2261-0362	2261-0361	Dora Guzman Av	Fractures and cracks (multiple locations)	Structural integrity intact. No action needed.	-
4	4831	2261-0366	2261-0365	Dora Guzman Av	Fractures and cracks (multiple locations)	Structural integrity intact. No action needed.	-
5	4726	2261-0350	2261-0351	Marston Av	Fractures and cracks (multiple locations)	Structural integrity intact. No action needed.	-
6	4721	2261-0328	2261-0329	Main St	Fractures and cracks (multiple locations)	Structural integrity intact. No action needed.	-
7	4721	2261-0354	2261-0353	Harmsworth Av	Fractures and cracks (multiple locations)	Structural integrity intact. No action needed.	-
8	4700	2261-0330	2261-0328	Main St	Fractures and cracks (multiple locations)	Structural integrity intact. No action needed.	-
9	4631	2261-0355	2261-0354	Harmsworth Av	Multiple fractures: 7', 37'; fractures and cracks	Structural integrity intact. No action needed.	-
10	4531	2261-0324	2261-0323	Laura Av	Fractures and cracks (multiple locations)	Structural integrity intact. No action needed.	-
11	4531	2261-0326	2261-0327	Villa Park St	Fractures and cracks (multiple locations)	Structural integrity intact. No action needed.	-
12	4500	2261-0327	2261-0328	Villa Park St	Fractures (multiple locations)	Structural integrity intact. No action needed.	-
13	4500	2261-0353	2261-0352	Inyo St	Fractures (multiple locations)	Structural integrity intact. No action needed.	-
14	4421	2261-0325	2261-0326	Villa Park St	Fractures (multiple locations)	Structural integrity intact. No action needed.	-
15	4400	2261-0323	2261-0366	Laura Av	Multiple fractures: 183'; fractures and cracks	Lining: MH to MH	277
16	4335	2261-0344	2261-0345	Wickford Av	Multiple fractures: 27', 92', 264'	Lining: MH to MH	280
17	4324	2261-0360	2261-0359	Easement (parking lot by E Valley & S Azusa)	Fractures and cracks (multiple locations)	Structural integrity intact. No action needed.	-
18	4300	2261-0357	2261-0356	Inyo St	Fractures (multiple locations)	Structural integrity intact. No action needed.	-
19	4300	2261-0361	2261-0357	Dora Guzman Av	Fractures (multiple locations)	Structural integrity intact. No action needed.	-
20	423C	2261-0417	2261-0418	Wegman Dr	Multiple fractures: 118', 133'; fractures and	Lining: MH to MH	310
21	423B	2261-0420	2261-0421	Wegman Dr	Multiple fractures: 9', 20', 34'; fractures and	Lining: MH to MH	260
22	4238	2218-0614	2218-0613	Ferrero Ln	Multiple fractures: 214', 227'; fractures and	Lining: MH to MH	287
23	4232	2261-0331	2261-0333	Main St	Fractures and cracks (multiple locations)	Structural integrity intact. No action needed.	-
24	4223	2261-0365	2261-0362	Dora Guzman Av	Fractures (multiple locations)	Structural integrity intact. No action needed.	-
25	4200	2261-0359	2261-0358	Easement (parking lot by E Valley & S Azusa)	Fractures (multiple locations)	Structural integrity intact. No action needed.	-
26	413B	2261-0416	2261-0417	Wegman Dr	Multiple fractures: 110'; cracks	Lining: MH to MH	193
27	413A	2261-0430	2261-0431	Main St	Multiple fractures: 179'; cracks	Lining: MH to MH	270
28	4136	2261-0341	2261-0343	Wickford Av	Multiple fractures: 198'; cracks	Lining: MH to MH	300
29	4135	2261-0343	2261-0344	Wickford Av	Fracture and cracks (multiple locations)	Structural integrity intact. No action needed.	-
30	4135	2261-0348	2261-0347	Radstock Av	Fracture and cracks (multiple locations)	Structural integrity intact. No action needed.	-
31	4133	2218-0614	2261-0386	Turk Rd	Multiple fractures: 5', 33'; cracks	Lining: MH to MH	327
32	4133	2218-0615	2218-0614	Ferrero Ln	Multiple fractures: 6'; cracks	Lining: MH to MH	270
33	4132	2261-0347	2261-0346	Radstock Av	Multiple fractures: 130'; cracks	Lining: MH to MH	250
34	4131	2261-0329	2261-0323	Main St	Fracture and cracks (multiple locations)	Structural integrity intact. No action needed.	-
35	4100	2261-0321	2261-0320	Leverett Av	Fracture	Structural integrity intact. No action needed.	-
36	4100	2261-0356	2261-0353	Inyo St	Fracture	Structural integrity intact. No action needed.	-



# ENCLOSURE 4:

Infrastructure Inspection Reports for Grades 4 and 5



Tol

				Inspect	ion report		41.0109, Fax: (		
	Date:	P.O.#	:	- Weather:	Surveyed By:	section num	per:	PSI	र:
	20060608	Y0TV050	,		T. Glock Clean Date:	937 Pre-Cleane	d	100183 Map Grid #:	
TOLA	al Pipe Length 150	LACDP		System Owner: LAM	Clean Date.	Z Not knov		wap G	nu #.
street:	INOY	′O ST		Flow Control: N	Not Controlled	Start MH:	2261-037	3	
ity:	LAP			Year Renewed		End MH:	2261-0369	9	
ocatio	on Code: Y Ya	rd		Tape/Media #: 02	20	pipe length:	150 ft		
leasor	n for inspectio	n:				:ular 8" /itrified Clay Pipe Pi	no Longth:	id#10018	2
	Sewer:	SS Sanitary			Lining Method:	numeu Clay Fipe Fi	pe Lengui.	10#10010	5
orain.		0369/2261-037	78/2261		Category:				
Remar	k::								
	4.975	nacition					MPEG	nhoto	avada
	1:375	position	ODS	ervation			MPEG	photo	grade
	2261-0378 0.00 12.00 53.00 67.00 68.00 69.00 71.00 87.00 93.00			Water Level, 15 % of cross sectional area Crack Multiple, from 12 to 04 o'clock, within 8 inch: YES Crack Multiple, from 07 to 12 o'clock, within 8 inch: YES Tap Factory Made Active, at 12 o'clock, 4", within 8 inch: YES Crack Multiple, from 10 to 04 o'clock, within 8 inch: YES Tap Factory Made Capped, at 02 o'clock, 4", within 8 inch: YES Tap Factory Made Capped, at 10 o'clock, 4", within 8 inch: YES Crack Multiple, from 07 to 05 o'clock, 4", within 8 inch: YES Crack Multiple, from 07 to 05 o'clock, within 8 inch: YES Crack Longitudinal, at 04 o'clock, within 8 inch: YES					M2 S3 S3 S3 S3 S3 S2 S4
		105.00 <b>S1</b> 110.00 <b>F1</b>			12 o´clock, within 8 inch: YE 12 o´clock, within 8 inch: YE			5447a 5448a	S 4
		115.00			clock, within 8 inch: YES	-,		5449a	S 3
		120.00		• · ·	04 o´clock, within 8 inch: YE	S		5450a	S 4
		126.00			o'clock, within 8 inch: YES	-		0.000	S 3
	<b>  </b> ///	129.00		•	o'clock, within 8 inch: YES				S 3
		132.00		•	o'clock, within 8 inch: YES				S 3
				•				54550	
		135.00		ken, from 01 to 06 o´clock				5455a	S 5
		135.00		•	o'clock, within 8 inch: YES			5454a	S 3
		138.00	Crac	ck Multiple, from 04 to 05	o´clock, within 8 inch: YES				S 3
2	261-0369	142.00	Crac	ck Multiple, from 07 to 11	o'clock, within 8 inch: YES				S 3
		150.00	Man	hole					
(	QSR	QMR	SPR	MPR	OPR	SPRI	MPRI		OPRI



				Inspe	ectio	on report		005) 541.0109, Fax.	/	
	Date: 20060608	P.C <b>Y0TV</b> 0		Weather: 1 Dry		Surveyed By: <b>Rigo Alvarez</b>		number: 97	PSI 1001	
Т	Fotal Pipe Lengt 139.00		ustomer:	System Owne	er:	Clean Date:	Pre-Cl	Pre-Cleaned: J Jetting		rid #:
Stre	eet: MA	RSTON AV		Flow Control:	N No	ot Controlled	Start MH:	2261-033	32	
City	r: LAF	5		Year Renewed			End MH:	2261-033	31	
Loc	ation Code: C L	ight Highway		Tape/Media #:	R018	8	pipe length:	156.4 ft		
Rea	ason for inspecti	ion: <b>F Routine A</b>	ssessment			•	Circular 8"			
Use	e of Sewer:	SS Sanitary	1			Material: VC Lining Method:	P Vitrified Clay Pip	e Pipe Length:	3.0	
	in. Area:	0331/2261-0	)332/2261			Category:				
Ren	nark::									
	1:400	position	obse	rvation				MPEG	photo	grade
	2261-0332	0.00 6.00 9.20 10.30 13.60 25.80 34.00 45.70 71.20	Tap F Tap F Wate Gene Tap F Crack Tap F	actory Active, at 9 r Level, 5 %, within ral Observation, wit factory Active, at 9 c Multiple, from 2 to factory Active, at 3	o'clock, o'clock, 8 inch: thin 8 in o'clock, o'clock, o'clock,	6", within 8 inch: NO 6", within 8 inch: NO	pe Joint Length 3'	00:01:44 00:02:48 00:03:35 00:03:54 00:04:29 00:05:15 00:6:10 00:06:58	3366 3367 3368 3369 3370 3371 3372 3373	M 2 S 3 S 3
<i>«</i>		91.80 92.90 111.20	<mark>Patc</mark> h Tap F	actory Active, at 9	o'clock,	hin 8 inch: YES, Rem 6", within 8 inch: NO ck, within 8 inch: YES		00:10:50 00:11:28 00:12:35	3375 3376 3377	<b>S 5</b> S 3
		112.60	Tap F	actory Active, at 3	o'clock,	6", within 8 inch: NO		00:12:59	3378	
		113.60	Roots	Fine Joint, from 8	to 10 o'	clock, within 8 inch: Y	ΈS	00:13:21	3379	
		113.70	Crack	CLongitudinal, at 3	o'clock,	within 8 inch: YES		00:13:45	3380	S 2
		130.40	Roots	Fine Joint, from 5	to 8 o'cl	ock, within 8 inch: YE	ES	00:14:37	3381	
		148.30	Crack	CLongitudinal, at 4	o'clock,	within 8 inch: YES		00:15:28	3382	S 2
	2261-0331	151.80				, within 8 inch: YES		00:15:55	3383	S 2
	$\bigcirc$	156.40		ole, within 8 inch: N				00:16:39	3384	-
	QSR	QMR	SPR	MPR		OPR	SPRI	MPRI		OPRI
	5133	2100	20	2		22	2.86	2		2.75



# Inspection report

Date: 20060608	P.O.#: <b>YOTV0506E</b>	Weather: 1 Dry	Surveyed By: Gilbert Contreras	section number: <b>183</b>	PSR: 100175	
Total Pipe Length: 309.00	Survey Customer: LACDPW	System Owner: LACDPW	Clean Date:	Pre-Cleaned: J Jetting	Map Grid #:	
Street: DORA GU	JZMAN AV	Flow Control: N N	ot Controlled	Start MH: 2261-	0362	
City: LAP		Year Renewed		End MH: 2261-	0361	
Location Code: C Light H	ighway	Tape/Media #: G018		pipe length: 321.2	ft	
Reason for inspection:	F Routine Assessment		Dia/Height: C Circula	ar 8"		
Use of Sewer:	SS Sanitary			ified Clay Pipe Pipe Lengt	h: <b>3.0</b>	
Drain. Area:	0361/2261-0362/2261		Lining Method: Category:			
Remark::			•			

	1:800	position	observatio	on			MPEG	photo	grade
		0.00	Manhole, v	vithin 8 inch: NO, Rer	narks: 0362-2261		00:00:45	535	
	0	1.40	Water Leve	el, 15 %, within 8 inch	I: NO		00:01:31	536	M 2
		24.10	Tap Factor	ry Capped, at 9 o'cloc	k, 4", within 8 inch: N	0	00:02:57	537	
	2261-0362	25.40	Fracture M	lultiple, from 2 to 9 o'd	clock, within 8 inch: Y	ES	00:03:39	538	S 4
		26.80	Tap Factor	y Active, at 3 o'clock,	4", within 8 inch: NO		00:4:10	539	
		56.40	Tap Factor	ry Capped, at 3 o'cloc	k, 4", within 8 inch: N	0	00:05:31	540	
		58.00	Fracture M	lultiple, from 7 to 11 o	clock, within 8 inch: `	YES	00:06:24	541	S 4
		59.30	Tap Factor	y Active, at 9 o'clock,	4", within 8 inch: NO		00:07:13	542	
		70.70	Fracture M	lultiple, from 7 to 5 o'd	clock, within 8 inch: Y	ES	00:08:08	543	S 4
		98.00	Fracture M	lultiple, from 7 to 5 o'd	clock, within 8 inch: Y	ES	00:09:24	544	S 4
<b>///</b>		<u>    105.00</u> <b>S1</b>	Fracture M	lultiple, from 7 to 5 o'd	clock, within 8 inch: Y	ES, Start	00:10:37	545	S 4
<b>《</b>		146.10	General O	bservation, within 8 in	ich: NO, Remarks: joi	nt length 3'	00:12:28	546	
<b>%</b>		150.50	Tap Factor	Tap Factory Capped, at 3 o'clock, 4", within 8 inch: NO			00:13:05	547	
		153.30	Tap Factor	Tap Factory Capped, at 9 o'clock, 4", within 8 inch: NO			00:13:36	548	
•		<u>196.90</u> <u>213.10</u>		Tap Factory Active, at 3 o'clock, 4", within 8 inch: NO			00:15:33	549	
				Tap Factory Active, at 9 o'clock, 4", within 8 inch: NO			00:16:27	550	
		<u>234.80</u> F1	Fracture M	Fracture Multiple, from 7 to 5 o'clock, within 8 inch: YES, End			00:17:24	551	S 4
		238.30	Fracture M	lultiple, from 10 to 5 o	'clock, within 8 inch: `	YES	00:18:12	552	S 4
		239.40	Tap Factor	y Capped, at 3 o'cloc	k, 4", within 8 inch: N	0	00:18:52	553	
		241.90	Tap Factor	ry Active, at 9 o'clock,	4", within 8 inch: NO		00:19:28	554	
		260.40	Fracture M	lultiple, from 7 to 5 o'd	clock, within 8 inch: Y	ES	00:20:32	555	S 4
		298.20	Fracture M	lultiple, from 7 to 5 o'd	clock, within 8 inch: Y	ES	00:22:01	556	S 4
		305.00	Fracture M	lultiple, from 7 to 5 o'd	clock, within 8 inch: Y	ES	00:22:47	557	S 4
	308.30		Fracture M	lultiple, from 7 to 5 o'd	clock, within 8 inch: Y	ES	00:23:27	558	S 4
	321.20		Manhole, v	Manhole, within 8 inch: NO, Remarks: 0361-2261		00:24:20	559		
	44								
	QSR	QMR	SPR	MPR	OPR	SPRI	MPRI		OPRI
	4A00	2100	44	2 E 97 082409 For Wi	46	4 // page: 1	2		3.83



			•	on report	1			
	Date: 060608	P.O.#: <b>YOTV0506E</b>	Weather: 1 Dry	Surveyed By: Gilbert Contreras	section nu 181	mber:	PSF 1001	
	Pipe Length: 195.00	Survey Customer: LACDPW	System Owner: LACDPW	Clean Date:	Pre-Clea J Jetti		Map Gr	id #:
reet:	DORA GUZN	IAN AV	Flow Control: N N	ot Controlled	Start MH:	2261-036	6	
ty:	LAP		Year Renewed		End MH:	2261-036	5	
	Code: C Light High	-	Tape/Media #: G01		pipe length:	352.1 ft		
		Routine Assessment		Dia/Height: C Circul Material: VCP Vit	lar 8" rified Clay Pipe	Pipe Length:	3.0	
se of Se <sup>.</sup> ain. Are		S Sanitary 365/2261-0366/2261		Lining Method:		1		
emark::	ca. <b>v</b>	303/2201-0300/2201		Category:				
1	1:660 posit	ion obs	ervation			MPEG	photo	grade
16	i							
2261	1-0366 0	. <u>.00</u> Man	hole, within 8 inch: NO, Rer	narks: 0366-2261		00:00:45	491	
	2	.00 Dep	osits Attached Grease, from	1 4 to 8 o'clock, 5 %, within	8 inch: NO	00:01:30	492	M 2
	7	. <u></u> Wate	er Level, 10 %, within 8 inch	n: NO		00:02:06	493	M 2
	42	20 Tap	Factory Capped, at 9 o'cloc	k, 4", within 8 inch: NO		00:03:19	494	
	43	.10 Dep	osits Attached Grease, from	1 2 to 10 o'clock, 5 %, within	n 8 inch: NO	00:03:48	495	M 2
	55	. <u>60</u> Tap	Break-in Active, at 9 o'clock	k, 4", within 8 inch: NO		00:04:37	496	
	60		osits Ingressed Fine, from 8 narks: silt	to 4 o'clock, 5 %, within 8 i	inch: NO,	00:05:18	497	M 2
	92		Factory Capped, at 9 o'cloc	k, 4", within 8 inch: NO		00:06:26	498	
	103	.90 Dep	osits Attached Grease, from	1 4 to 8 o'clock, 5 %, within	8 inch: NO	00:07:05	499	M 2
	110	. <u>90</u> Frac	ture Multiple, from 2 to 10 o	clock, within 8 inch: YES		00:07:55	500	S 4
	121	<u>.90</u> Tap	Break-in Active, at 9 o'clock	x, 4", within 8 inch: NO		00:08:40	501	
	142	<u>80</u> Tap	Factory Capped, at 9 o'cloc	k, 4", within 8 inch: NO		00:09:38	502	
	154	. <u>40</u> <b>S1</b> Frac	ture Multiple, from 7 to 5 o'd	clock, within 8 inch: YES, St	tart	00:10:47	503	S 4
	176	. <u>40</u> Tap	Break-in Active, at 9 o'clock	x, 4", within 8 inch: NO		00:11:52	504	
	193	. <u>10</u> Tap	Factory Capped, at 9 o'cloc	k, 4", within 8 inch: NO		00:12:49	505	
	208	.40 Dep	osits Attached Grease, from	1 4 to 8 o'clock, 5 %, within a	8 inch: NO	00:13:39	506	M 2
	222	<u>20</u> <b>F1</b> Frac	ture Multiple, from 7 to 5 o'd	clock, within 8 inch: YES, Er	nd	00:14:26	507	S 4
	222	<u>20</u> Gen	eral Observation, within 8 in	nch: NO, Remarks: joint leng	gth 3'	00:14:56	508	
	232	.40 Dep	osits Attached Other, from 9	9 to 3 o'clock, 5 %, within 8	inch: NO	00:15:49	509	M 2
	235	.90 Frac	ture Multiple, from 7 to 5 o'd	clock, within 8 inch: YES		00:16:31	510	S 4
	240	70 Tan	Factory Active, at 9 o'clock,	4" within 8 inch <sup>.</sup> NO		00:17:13	511	



Date: 20060608		P.O.# YOTV05		Weather: 1 Dry	Surveyed By: Gilbert Contreras	section number: 181	PSF 1001	
Total Pipe Len 295.00	ngth:	Survey Cus LACD		System Owner: LACDPW	Clean Date:	Pre-Cleaned: J Jetting	Map G	rid #:
1:660	ро	osition	obse	rvation		MPEG	photo	grade
		289.70	Crac	k Circumferential, from 8 to	) 11 o'clock, within 8 inch: YE	S 00:18:59	512	S 1
		291.50		Factory Active, at 9 o'clock	,	00:19:38	513	01
	$\langle   \rangle$	<u>291.50</u> 295.80		s Medium Lateral, at 9 o'closs Fine Joint, from 7 to 5 o'c	ock, 15 %, within 8 inch: NO	00:20:01 00:20:46	514 515	М 3
		295.80	Frac	ture Multiple, from 7 to 5 o'	clock, within 8 inch: YES	00:21:10	516	S 4
2261-0365	$\langle \rangle \rangle^{-}$	<u>306.00</u> 319.50		ture Multiple, from 7 to 5 o' k Multiple, from 7 to 5 o'clo		00:22:03 00:22:57	517 518	S 4 S 3
/		<u>326.50</u>		ure Multiple, from 7 to 5 o'		00:23:54	519	S 4
	//`	<u>344.90</u> <u>346.00</u>		Factory Capped, at 9 o'cloc cure Multiple, from 8 to 4 o'd	, ,	00:24:52 00:25:34	520 521	S 4
	$\setminus$	352.10	Manl	nole, within 8 inch: NO, Rei	marks: 0365-2261	00:26:25	522	
36								

	1	1	1	1	I		
QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
4831	3127	36	17	53	3.6	2.13	2.94
		Y0TV0560	E 97_082409 For Wi	inCan Report.mdb	// page: 2		
			_	•			



			Inspecti	on report				
	Date: 20060609	P.O.#: <b>YOTV0506E</b>	Weather: 1 Dry	Surveyed By: Gilbert Contreras	section nu 196	mber:	PSF 1001	
Tot	al Pipe Length: 339.00	Survey Customer: LACDPW	System Owner: LACDPW	Clean Date:	Pre-Clear J Jettir		Map Gr	id #:
Street	MARSTO	N AV	Flow Control: N N	lot Controlled	Start MH:	2261-035	0	
City:	LAP		Year Renewed		End MH:	2261-035	51	
Locati	on Code: C Light H	lighway	Tape/Media #: G0		pipe length:	319.8 ft		
	on for inspection:	F Routine Assessme	nt	Dia/Height: C Circu Material: VCP Vit	Ilar 8" trified Clay Pipe	Pipe Lenath:	3.0	
	f Sewer:	SS Sanitary		Lining Method:		· · · · · · · · · · · · · · · · · · ·		
Drain. Rema		0350/2261-0351/2261		Category:				
	1:495 p	osition	bservation			MPEG	photo	grade
	9							
2	2261-0350	0.00	<i>l</i> lanhole, within 8 inch: NO, Re	marks: 0350-2261		00:00:49	784	
		3.00 <b>S1</b>	Roots Fine Joint, from 6 to 8 o	clock, within 8 inch: YES, St	tart	00:01:36	785	
		7.00	Vater Level, 5 %, within 8 inch	: NO		00:02:05	786	M 2
		7.50 Tap Factory Active, at 3 o'clock, 4", within 8 inch: NO					787	
		9.20	Fracture Circumferential, from	3 to 5 o'clock, within 8 inch:	YES	00:02:49	788	S 2
		10.20	ap Factory Active, at 9 o'clock	k, 4", within 8 inch: NO		00:03:15	789	
		17.40 <b>F1</b>	Roots Fine Joint, from 6 to 8 o	clock, within 8 inch: YES, E	nd	00:03:44	790	
		21.10	Fracture Multiple, from 1 to 4 o	clock, within 8 inch: YES		00:04:18	791	S 4
\$		40.10	ap Factory Active, at 9 o'clock	k, 4", within 8 inch: NO		00:05:08	792	
Ş		44.50	Fracture Multiple, from 1 to 5 o	clock, within 8 inch: YES		00:05:42	793	S 4
2		45.90	ap Factory Active, at 3 o'clock	x, 4", within 8 inch: NO		00:06:11	794	
2		56.60	Deposits Attached Grease, fror	m 5 to 7 o'clock, 5 %, within	8 inch: NO	00:06:48	795	M 2
		83.70	General Observation, within 8 i	nch: NO, Remarks: joint len	igth 3'	00:08:07	796	
		98.20	Fracture Circumferential, from	6 to 10 o'clock, within 8 inch	n: YES	00:08:57	797	S 2
		102.60	ap Factory Active, at 9 o'clock	x, 4", within 8 inch: NO		00:09:27	798	
		<u>104.20</u>	Fracture Multiple, from 9 to 4 o	clock, within 8 inch: YES		00:10:18	799	S 4
		105.10	ap Factory Active, at 3 o'clock	k, 4", within 8 inch: NO		00:10:43	800	
		155.50 I	Fracture Multiple, from 1 to 5 o	clock, within 8 inch: YES		00:12:23	801	S 4
		156.60	ap Factory Active, at 3 o'clock	k, 4", within 8 inch: NO		00:12:55	802	
		<u>158.10</u>	Fracture Multiple, from 2 to 10	o'clock, within 8 inch: YES		00:13:32	803	S 4



Тс	Date: 20060609	P.O.# <b>YOTV05</b>		Weather: 1 Dry	Surveyed By: Gilbert Contreras	section number: <b>196</b>	PSF 1001	
	otal Pipe Length: 339.00	Survey Cus LACDF		System Owner: LACDPW	Clean Date:	Pre-Cleaned: J Jetting	Map Gi	id #:
	1:495 po	osition	observ	ation		MPEG	photo	grade
		216.60	Tap Fa	ctory Active, at 3 o'clock,	4", within 8 inch: NO	00:15:48	805	
		218.30	Fractur	e Multiple, from 7 to 10 c	clock, within 8 inch: YES	00:16:27	806	S 4
5		219.20	Tap Fa	ctory Active, at 9 o'clock,	4", within 8 inch: NO	00:16:57	807	
)		219.20	Roots F	ine Lateral, at 9 o'clock,	within 8 inch: NO	00:17:13	808	M 1
)		257.10	Fractur	e Circumferential, from 3	to 9 o'clock, within 8 inch: YE	S 00:18:37	809	S 2
)		257.10	Roots F	ine Joint, from 3 to 9 o'c	lock, within 8 inch: YES	00:18:57	810	
		273.90	Tap Fa	ctory Active, at 3 o'clock,	4", within 8 inch: NO	00:19:43	811	
		274.90	Fracture	e Circumferential, from 3	to 5 o'clock, within 8 inch: YES	S 00:20:09	812	S 2
		278.30	Fractur	e Circumferential, from 8	to 10 o'clock, within 8 inch: YE	ES 00:20:41	813	S 2
		279.40	Tap Fa	ctory Active, at 9 o'clock,	4", within 8 inch: NO	00:21:08	814	
		279.40	Roots F	ine Lateral, at 9 o'clock,	within 8 inch: NO	00:21:25	815	M 1
	2261-0351	280.80			to 8 o'clock, within 8 inch: YES	S 00:21:52	816	S 2
		280.80		ine Joint, from 3 to 5 o'c		00:22:09	817	
	\ \\ `	305.00			clock, within 8 inch: YES	00:23:04	818	S 4
		305.00			clock, within 8 inch: YES	00:23:24	819	
	\ `	319.80		e, within 8 inch: NO, Rer		00:24:17	820	
	40							



Date:

20060607

Total Pipe Length:

248.00

Reason for inspection:

1:495

MAIN ST

LAP

Location Code: C Light Highway

*WinCan America, Inc.* 1730 Montano Road NE, Suite E

MPEG

grade

photo

Albuquerque, NM 87107 Tel: (505) 341.0109, Fax: (505) 341.0133 **Inspection report** Surveyed By: Gilbert Contreras Weather: section number: PSR: 100142 1 Dry 158 Map Grid #: System Owner: Clean Date: Pre-Cleaned: J Jetting LACDPW Flow Control: N Not Controlled Start MH: 2261-0328 Year Renewed End MH: 2261-0329 Tape/Media #: G017 pipe length: 297.1 ft

 F Routine Assessment
 Dia/Height:
 C Circular 8"

 SS Sanitary
 Material:
 VCP Vitrified Clay Pipe Pipe Length:
 3.0

 0328/2261-0329/2261
 Category:

Drain. Area: Remark::

Use of Sewer:

Street:

City:

position

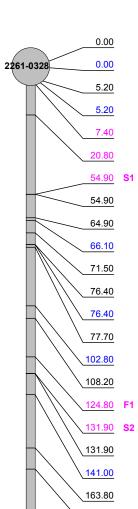
P.O.#:

Y0TV0506E

Survey Customer:

LÁCDPW

observation



<u>173.00</u> 206.10

Manhole, within 8 inch: NO, Remarks: 0328-2261	00:00:46	3808	
Water Level, 10 %, within 8 inch: NO	00:01:11	3809	M 2
General Observation, within 8 inch: NO, Remarks: joint length 3'	00:01:40	3810	
Deposits Attached Grease, from 4 to 8 o'clock, 5 %, within 8 inch: NO	00:01:55	3811	M 2
Fracture Multiple, from 8 to 4 o'clock, within 8 inch: YES	00:02:27	3812	S 4
Fracture Multiple, from 2 to 4 o'clock, within 8 inch: YES	00:03:14	3813	S 4
Fracture Multiple, from 7 to 5 o'clock, within 8 inch: YES, Start	00:04:38	3814	S 4
Roots Fine Joint, from 8 to 9 o'clock, within 8 inch: YES	00:05:02	3815	
Roots Fine Joint, from 2 to 4 o'clock, within 8 inch: YES	00:05:42	3816	
Deposits Attached Grease, from 5 to 7 o'clock, 5 %, within 8 inch: NO	00:06:03	3817	M 2
Roots Fine Joint, from 2 to 4 o'clock, within 8 inch: YES	00:06:33	3818	
Tap Factory Active, at 9 o'clock, 4", within 8 inch: NO	00:07:01	3819	
Fracture Circumferential, from 8 to 1 o'clock, within 8 inch: NO	00:07:24	3820	S 2
Roots Fine Joint, from 1 to 4 o'clock, within 8 inch: YES	00:8:10	3821	
Deposits Ingressed Fine, from 8 to 4 o'clock, 5 %, within 8 inch: NO	00:09:02	3822	M 2
Roots Fine Joint, from 12 to 4 o'clock, within 8 inch: YES	00:09:44	3823	
Fracture Multiple, from 7 to 5 o'clock, within 8 inch: YES, End	00:10:34	3824	S 4
Fracture Multiple, from 2 to 5 o'clock, within 8 inch: YES, Start	00:11:08	3825	S 4
Roots Fine Joint, at 11 o'clock, within 8 inch: YES	00:11:31	3826	
Deposits Attached Grease, from 5 to 7 o'clock, 5 %, within 8 inch: NO	00:12:18	3827	M 2
Tap Factory Active, at 9 o'clock, 4", within 8 inch: NO	00:13:31	3828	
Deposits Ingressed Fine, from 7 to 5 o'clock, 5 %, within 8 inch: NO,	00:14:12	3829	M 2
Remarks: SILT Roots Fine Joint, from 2 to 4 o'clock, within 8 inch: YES	00:15:30	3830	



	Date: 20060607	P.O <b>Y0TV0</b>		Weather: 1 Dry	Surveyed By: Gilbert Contreras	section		PSF 1001	
Tot	tal Pipe Lengt 248.00	h: Survey C LACE		System Owner: LACDPW	Clean Date:	Pre-Cl J Je		Map Gi	rid #:
	1:495	position	obse	ervation			MPEG	photo	grade
		210.70	Depo	osits Attached Grease, fror	n 4 to 8 o'clock, 5 %, within 8	3 inch: NO	00:16:00	3831	M 2
W		216.40	Root	s Fine Joint, from 8 to 1 o	clock, within 8 inch: YES		00:16:30	3832	
		230.10	Root	s Fine Joint, from 10 to 1 c	o'clock, within 8 inch: YES		00:17:17	3833	
		250.60	Frac	ture Multiple, from 2 to 9 o	clock, within 8 inch: YES		00:18:23	3834	S 4
		252.20	Depo	osits Attached Grease, fror	n 4 to 8 o'clock, 5 %, within 8	3 inch: NO	00:18:47	3835	M 2
		255.30	Тар	Factory Active, at 9 o'clock	, 4", within 8 inch: NO		00:19:14	3836	
		277.40	Aligr	ment Left, within 8 inch: N	0		00:20:05	3837	M 1
		289.10	Depo	osits Ingressed Fine, from	8 to 4 o'clock, 5 %, within 8 in	nch: NO	00:20:46	3838	M 2
1	2261-0329	290.50 F2	Frac	ture Multiple, from 2 to 5 o	clock, within 8 inch: YES, En	ıd	00:21:23	3839	S 4
		297.10	Man	hole, within 8 inch: NO, Re	marks: 0329-2261		00:22:05	3840	

	•						
QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
4721	2911	30	19	49	3.75	1.9	2.72
		Y0TV0560	E 97_082409 For Wi	nCan Report.mdb	// page: 2		



# Inspection report

		•	<b>_</b>		
Date: 20060608	P.O.#: <b>YOTV0506E</b>	Weather: 1 Dry	Surveyed By: Gilbert Contreras	section number: <b>190</b>	PSR: 100167
Total Pipe Length: <b>304.00</b>	Survey Customer: LACDPW	System Owner: LACDPW	Clean Date:	Pre-Cleaned: J Jetting	Map Grid #:
Street: HARMSW City: LAP	ORTH AV	Flow Control: N No	ot Controlled	Start MH: 2261- End MH: 2261-	
Location Code: C Light H	ighway	Tape/Media #: G01	8	pipe length: 325.9	
Reason for inspection:	F Routine Assessment		Dia/Height: C Circula	ar 8"	
Use of Sewer:	SS Sanitary		Material: VCP Vitr Lining Method:	ified Clay Pipe Pipe Leng	th: <b>3.0</b>
Drain. Area:	0353/2261-0354/2261		Category:		
Remark::			•		

	4721	2600	30	12	42	3.75	2		3
	QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	(	OPRI
	30								
			Mainolo, W				50.25.00	0	
	2261-0353	325.90		vithin 8 inch: NO, Ren		20, 210	00:20:00	729	0 -
		314.60 F1 323.60 F2		ultiple, from 7 to 5 o'c		within 8 inch: NO, End	00:18:31 00:19:09	727 728	M 2 S 4
		285.30		el, 25 %, within 8 inch		within 8 inch: NO. End	00:17:18	726	M 2
		263.90		ttached Other, from 1		Vitnin & Incn: NU	00:16:33	725	M 2
		232.00		Joint, from 8 to 10 o'			00:15:18	724	
		200.30		y Defective, at 9 o'clo			00:14:03	723	M 2
	L Ì	<u>195.50</u> S2		ultiple, from 7 to 5 o'c			00:13:27	722	S 4
		194.50		y Active, at 3 o'clock,			00:12:57	721	0.4
Ľ		181.20		ultiple, from 7 to 5 o'c			00:12:05	720	S 4
V		141.70		oservation, within 8 in		0	00:10:29	719	
<u> </u>		139.90		y Active, at 9 o'clock,			00:09:58	718	
8		138.90		ultiple, from 7 to 5 o'c			00:09:24	717	S 4
<b>》</b>		137.30		y Active, at 3 o'clock,			00:08:44	716	0.4
<b>\$</b>		79.90		y Active, at 3 o'clock,			00:06:57	715	
		78.70		ultiple, from 3 to 6 o'c			00:06:31	714	S 4
		77.40		y Active, at 9 o'clock,			00:06:06	713	0.4
		26.20		y Active, at 9 o'clock,			00:04:33	712	
		24.30		ultiple, from 3 to 11 o			00:04:06	711	S 4
		20.50		y Active, at 3 o'clock,			00:03:31	710	0.4
		19.20		rcumferential, from 2			00:03:02	709	S 2
	2261-0354	6.90		ultiple, from 3 to 9 o'c			00:02:19	708	S 4
		<u>3.90</u> S1		,		within 8 inch: NO, Start	00:01:44	707	M 2
	9	0.00		el, 10 %, within 8 inch			00:01:17	706	M 2
		0.00		/ithin 8 inch: NO, Ren			00:00:49	705	
	1:800	position	observatio				MPEG	photo	grade
	4.000						MBEO		



OSR

4700

OMR

2211

SPR

28

WinCan America, Inc. 1730 Montano Road NE, Suite E Albuquerque, NM 87107 Tel: (505) 341.0109, Fax: (505) 341.0133

#### Inspection report Date: P.O.#: Weather: Surveyed By: section number: PSR: 20060607 Y0TV0506E **Gilbert Contreras** 100143 1 Dry 157 Total Pipe Length: Survey Customer: System Owner: Clean Date: Pre-Cleaned: Map Grid #: LÁCDPW LACDPW 187.00 J Jetting Street: MAIN ST Flow Control: N Not Controlled Start MH: 2261-0330 LAP End MH: City: Year Renewed 2261-0328 Location Code: C Light Highway Tape/Media #: G017 pipe length: 200.6 ft Reason for inspection: **F** Routine Assessment Dia/Height: C Circular 8" Material: VCP Vitrified Clay Pipe Pipe Length: 3.0 Use of Sewer: SS Sanitary Lining Method: Drain. Area: 0328/2261-0330/2261 Category: Remark:: 1:500 MPEG position observation photo grade Manhole, within 8 inch: NO, Remarks: 0330-2261 00:00:49 3783 0.00 7.00 Water Level, 5 %, within 8 inch: NO 00:01:29 3784 M 2 Roots Fine Joint, from 7 to 1 o'clock, within 8 inch: YES 00.05.02 3785 7.30 2261-0330 7.30 Fracture Multiple, from 2 to 5 o'clock, within 8 inch: YES 00:02:28 3786 S 4 9.10 Tap Factory Active, at 9 o'clock, 4", within 8 inch: NO 00:02:51 3787 11.60 Tap Factory Active, at 3 o'clock, 4", within 8 inch: NO 00:03:22 3788 Roots Fine Lateral, at 3 o'clock, within 8 inch: NO 00:03:41 3789 M 1 11.60 20.10 Roots Fine Joint, from 1 to 3 o'clock, within 8 inch: YES 00:04:24 3790 00:5:10 30.10 S1 Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, Start 3791 30.10 **S2** Fracture Multiple, from 7 to 5 o'clock, within 8 inch: YES, Start 00:05:29 3792 S 4 46.80 General Observation, within 8 inch: NO, Remarks: joint length 3' 00:06:42 3793 55.00 Tap Factory Active, at 9 o'clock, 4", within 8 inch: NO 00.02.50 3794 59.10 Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, End 00:07:54 3795 F1 59.10 **F2** Fracture Multiple, from 7 to 5 o'clock, within 8 inch: YES, End 00:08:13 3796 S 4 66.30 Roots Fine Joint, from 10 to 1 o'clock, within 8 inch: YES 00:08:49 3797 83.40 S3 Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, Start 00:09:37 3798 83.40 **S**4 Fracture Multiple, from 10 to 5 o'clock, within 8 inch: YES, Start 00:10:10 3799 S 4 00:10:58 3800 106.60 F3 Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES, End 106.70 F4 Fracture Multiple, from 10 to 5 o'clock, within 8 inch: YES, End 00.11.14 3801 S 4 115.20 Tap Factory Active, at 3 o'clock, 4", within 8 inch: NO 00:11:46 3802 3803 120.00 Roots Fine Joint, from 10 to 2 o'clock, within 8 inch: YES 00:12:20 140.10 Deposits Attached Grease, from 4 to 8 o'clock, 5 %, within 8 inch: NO 00:13:02 3804 M 2 174.40 Fracture Multiple, from 3 to 1 o'clock, within 8 inch: YES 00:14:28 3805 S 4 184.80 Fracture Multiple, from 7 to 1 o'clock, within 8 inch: YES 00:15:12 3806 S 4 2261-0328 200.60 Manhole, within 8 inch: NO, Remarks: 0328-2261 00:16:20 3807

Y0TV0560E 97\_082409 For WinCan Report.mdb // page: 1

OPR

33

SPRI

4

MPRI

1.67

OPRI

3.3

MPR

5



- .

		1		-	on report	1			
2	Date: 0060608	P.O.#: YOTV0506	E	Weather: 1 Dry	Surveyed By: Gilbert Contreras	section nur 189	nber:	PSF 1001	
Total	Pipe Length: 316.00	Survey Custor LACDPW	ner:	System Owner: LACDPW	Clean Date:	Pre-Clear J Jettin		Map Gr	id #:
reet: ty:	HARMS LAP n Code: C Light	WORTH AV		Flow Control: N N Year Renewed Tape/Media #: G01	lot Controlled	Start MH: End MH: pipe length:	2261-035 2261-035 316.9 ft		
eason se of S ain. A	for inspection: Sewer: rea:	F Routine Asses SS Sanitary 0354/2261-0355/			Dia/Height: C Circu			3.0	
emark									
	1:561	position	obse	ervation			MPEG	photo	grade
1	12								
22	61-0355	0.00	Man	hole, within 8 inch: NO, Re	marks: 0355-2261		00:00:49	676	
		6.00 <b>S1</b>	Frac	ture Multiple, from 6 to 10 o	o'clock, within 8 inch: YES, 8	Start	00:01:47	677	S 4
		6.50	Тар	Factory Active, at 9 o'clock	, 4", within 8 inch: NO		00:02:32	678	
		7.00	Wat	er Level, 10 %, within 8 incl	h: NO		00:04:18	679	M 2
		9.30	Тар	Break-in Active, at 3 o'cloc	k, 4", within 8 inch: NO		00:05:00	680	
		<u>10.40</u> <b>S2</b>	Dep	osits Attached Grease, fron	n 4 to 8 o'clock, 5 %, within	8 inch: NO, Start	00:05:25	681	M 2
		38.90	Тар	Factory Defective, at 9 o'cle	ock, 4", within 8 inch: NO		00:06:46	682	M 2
		44.50	Тар	Factory Active, at 3 o'clock	, 4", within 8 inch: NO		00:07:22	683	
		101.10	Тар	Factory Active, at 9 o'clock	, 4", within 8 inch: NO		00:09:08	684	
		103.90	Тар	Factory Active, at 3 o'clock	, 4", within 8 inch: NO		00:09:36	685	
		107.70 <b>F2</b>	Dep	osits Attached Grease, fron	n 4 to 8 o'clock, 5 %, within a	8 inch: NO, End	00:10:00	686	M 2
		135.50	Frac	ture Multiple, from 1 to 4 o'	clock, within 8 inch: YES		00:11:09	687	S 4
		157.00 <b>S3</b>			clock, within 8 inch: YES, St	art	00:12:26	688	S 4
	<b>T</b> /	157.00		ts Fine Joint, from 3 to 5 o'o			00:12:47	689	
		158.00		Factory Active, at 3 o'clock	,		00:13:18	690	
		160.80		Factory Active, at 9 o'clock			00:14:03	691	
		189.20		•	nch: NO, Remarks: joint len	ath 3'	00:15:28	692	
		197.80 <b>F3</b>			clock, within 8 inch: YES, Er	-	00:15:56	693	S 4
		214.60		Factory Active, at 3 o'clock			00:16:46	694	04
				•					NJ 4
		214.60		ts Fine Lateral, at 3 o'clock			00:17:13	695	M 1
		217.20		Factory Active, at 9 o'clock			00:17:45	696	_
		224.80	Frac	ture Multiple, from 8 to 4 o'	clock, within 8 inch: YES		00:18:34	697	S 4



Date: 200606			D.#: 0506E	Weather: 1 Dry		Surveyed By: Gilbert Contrer		ection nu 189		PSF 1001	
Total Pipe L 316.0			Customer: DPW	System Owne LACDPW	er:	Clean Date:		Pre-Clea J Jetti		Map Gi	id #:
1:561	l pos	sition	obse	rvation					MPEG	photo	grade
, =	2	36.80	Fract	ure Multiple, from 7	' to 5 o'c	lock, within 8 inch: Y	ES		00:19:33	698	S 4
	2	39.90	Fract	ure Longitudinal, at	9 o'cloc	k, within 8 inch: YES			00:20:17	699	S 3
	2	<u>44.10</u>	Depo	sits Attached Other	r, from 8	to 4 o'clock, 5 %, wit	hin 8 inch: N	C	00:20:49	700	M 2
	2	74.00	Tap I	Factory Active, at 3	o'clock,	4", within 8 inch: NO			00:21:52	701	
	2	80.00	Тар Г	Factory Active, at 9	o'clock,	4", within 8 inch: NO			00:22:33	702	
2261-03		13.40 <b>F2</b>	Depc	sits Attached Greas	se, from	4 to 8 o'clock, 5 %, v	vithin 8 inch: I	NO, End	00:23:42	703	M 2
2261-03:	3	16.90	Manh	nole, within 8 inch: N	NO, Rem	narks: 0354-2261			00:24:36	704	
27											
QSR		QMR	SPR	MPR		OPR	SPRI		MPRI		OPRI
4631		2611	27	13		40	3.86		1.86		2.86



Date:

20060609

Total Pipe Length:

313.00

Reason for inspection:

Use of Sewer:

Drain. Area:

Remark::

LAURA AV

LAP

Street:

City:

WinCan America, Inc. 1730 Montano Road NE, Suite E Albuquerque, NM 87107

S 3

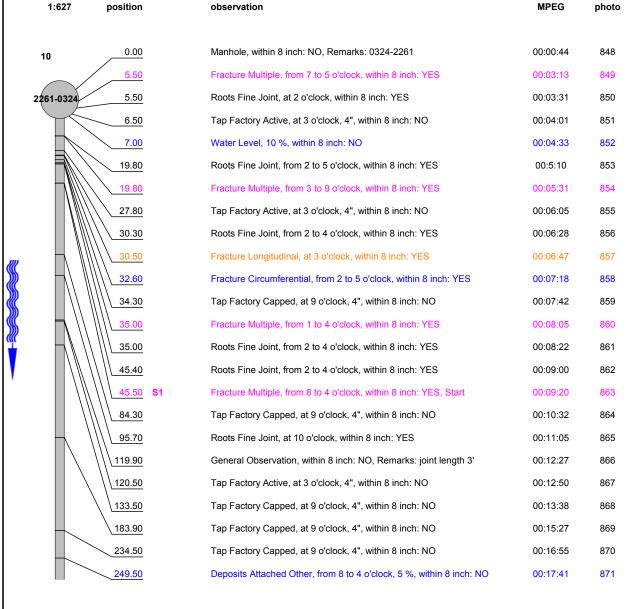
S 2

S 4

S 4

M 2

#### Tel: (505) 341.0109, Fax: (505) 341.0133 **Inspection report** P.O.#: Weather: Surveyed By: section number: PSR: YOTV0506E **Gilbert Contreras** 100259 1 Dry 198 System Owner: Survey Customer: Clean Date: Pre-Cleaned: Map Grid #: LÁCDPW LACDPW J Jetting Flow Control: N Not Controlled Start MH: 2261-0324 Year Renewed End MH: 2261-0323 Location Code: C Light Highway Tape/Media #: G019 pipe length: 285.8 ft F Routine Assessment Dia/Height: C Circular 8" Material: VCP Vitrified Clay Pipe Pipe Length: 3.0 SS Sanitary Lining Method: 0323/2261-0324/2261 Category: MPEG observation photo grade Manhole, within 8 inch: NO, Remarks: 0324-2261 00:00:44 848 Fracture Multiple, from 7 to 5 o'clock, within 8 inch: YES 00.03.13 S 4 849 Roots Fine Joint, at 2 o'clock, within 8 inch: YES 00:03:31 850 Tap Factory Active, at 3 o'clock, 4", within 8 inch: NO 00:04:01 851 Water Level, 10 %, within 8 inch: NO 00:04:33 852 M 2 Roots Fine Joint, from 2 to 5 o'clock, within 8 inch: YES 00:5:10 853 Fracture Multiple, from 3 to 9 o'clock, within 8 inch: YES 00:05:31 854 S 4





Date: 20060609	P.O.#: <b>YOTV0506</b>	E	Weather: 1 Dry	Surveyed By: Gilbert Contreras	section r 19		PSF 1002	
Total Pipe Length: 313.00	Survey Custo LACDPW		System Owner: LACDPW	Clean Date:	Pre-Cle J Jet		Map Gr	id #:
1:627	position	obser	vation			MPEG	photo	grad
	279.70 F1	Fractu	re Multiple, from 8 to 4 o	'clock, within 8 inch: YES, En	d	00:18:31	872	S 4
2261-0323	279.80	Depos	sits Attached Grease, from	m 4 to 8 o'clock, 5 %, within 8	inch: NO	00:18:51	873	M 2
$\sim$ $\setminus$	285.80	Manho	ole, within 8 inch: NO, Re	emarks: 0323-2261		00:19:34	874	
25								

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
4531	2300	25	6	31	3.57	2	3.1
		VOTVOSED	E 97 082409 Eor Wi	nCan Bonort mdb	// page: 2		



Date:

20060607

127.00

Street:

City:

Use of Sewer:

1:429

2261-0326

Drain. Area:

Remark::

WinCan America, Inc. 1730 Montano Road NE, Suite E Albuquerque, NM 87107 Tel: (505) 341.0109, Fax: (505) 341.0133

00.08.00

00:08:47

00:09:17

00:09:48

00:10:19

00:11:20

00:11:42

00:12:16

00:13:02

00:13:53

00:14:18

00:14:51

00:15:43

00:16:12

3755

3756

3757

3758

3759

3760

3761

3762

3763

3764

3765

3766

3767

3768

M 2

S 4

S 4

S 2

S 4

S 2

#### **Inspection report** P.O.#: Weather: Surveyed By: section number: PSR: Gilbert Contreras 100140 Y0TV0506E 1 Dry 155 Total Pipe Length: Survey Customer: System Owner: Clean Date: Pre-Cleaned: Map Grid #: LÁCDPW LACDPW J Jetting VILLA PARK ST Flow Control: N Not Controlled Start MH: 2261-0326 LAP Year Renewed End MH: 2261-0327 Location Code: C Light Highway Tape/Media #: G017 pipe length: 182.3 ft F Routine Assessment Reason for inspection: Dia/Height: C Circular 8" Material: VCP Vitrified Clay Pipe Pipe Length: 3.0 SS Sanitary Lining Method: 0326/2261-0327/2261 Category: MPEG position observation photo grade 0.00 Manhole, within 8 inch: NO, Remarks: 0326-2261 00:00:47 3745 6.00 Fracture Multiple, from 6 to 1 o'clock, within 8 inch: YES 00.01.20 3746 S 4 7.00 Water Level, 10 %, within 8 inch: NO 00:02:20 3747 M 2 9.30 Tap Factory Active, at 3 o'clock, 4", within 8 inch: NO 00:02:41 3748 14.40 Deposits Attached Grease, from 4 to 8 o'clock, 5 %, within 8 inch: NO 00:03:09 3749 M 2 37.70 Fracture Circumferential, from 12 to 4 o'clock, within 8 inch: YES 00:4:10 3750 S 2 66.10 Tap Factory Active, at 3 o'clock, 4", within 8 inch: NO 00:05:11 3751 67.50 00:05:47 Crack Multiple, from 2 to 5 o'clock, within 8 inch: YES 3752 S 3 70.60 Fracture Multiple, from 8 to 1 o'clock, within 8 inch: YES 00:06:26 3753 S 4 72.40 Tap Factory Active, at 9 o'clock, 4", within 8 inch: NO 00:06:58 3754

100.60 Deposits Attached Grease, from 4 to 8 o'clock, 5 %, within 8 inch: NO 117.00 Fracture Multiple, from 2 to 5 o'clock, within 8 inch: YES 120.40 Roots Fine Joint, from 8 to 1 o'clock, within 8 inch: YES 120.40 Fracture Multiple, from 5 to 1 o'clock, within 8 inch: YES 125.60 Tap Factory Active, at 9 o'clock, 4", within 8 inch: NO 143.40 Roots Fine Joint, from 3 to 8 o'clock, within 8 inch: YES 143.50 Fracture Circumferential, from 2 to 5 o'clock, within 8 inch: YES 147.00 Roots Fine Joint, from 10 to 1 o'clock, within 8 inch: YES 166.80 Roots Fine Joint, from 1 to 5 o'clock, within 8 inch: YES 170.60 Fracture Multiple, from 7 to 5 o'clock, within 8 inch: YES 170.60 Roots Fine Joint, from 2 to 1 o'clock, within 8 inch: YES 175.50 Tap Factory Active, at 9 o'clock, 4", within 8 inch: NO 176.90 Roots Fine Joint, from 7 to 5 o'clock, within 8 inch: YES 176.90 Fracture Circumferential, from 2 to 5 o'clock, within 8 inch: YES

1	-	
W	LL.	ž.U

Total Pipe Length: 127.00		ustomer:	System Owner:	Clean Date:	Pre-Cleaned:	Man G	and the	
		DPW	LACDPW		J Jetting	Map Gi	Map Grid #:	
1:429	position	obse	rvation		MPEG	photo	grade	
2261-0327	180.30	Gene	ral Observation, within 8 i	inch: NO, Remarks: joint lengt	h 3' 00:17:02	3769		
	182.30	Manh	ole, within 8 inch: NO, Re	emarks: 0327-2261	00:17:41	3770		

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
4531	2300	29	6	35	3.22	2	2.92
		Y0TV0560	E 97_082409 For Wi	inCan Report.mdb	// page: 2		
			-	•			



WinCan America, Inc. 1730 Montano Road NE, Suite E Albuquerque, NM 87107

				Increat	ion ronart	Albuquerque Tel: (505) 341.0109,		33
	Date:	P(	).#:	Weather:	Surveyed By:	section number:	PS	R.
	20060607	YOTV	0506E	1 Dry	Gilbert Contreras	156	100	141
Tota	al Pipe Length 147.00		ustomer: DPW	System Owner: LACDPW	Clean Date:	Pre-Cleaned: J Jetting	Map G	Grid #:
Street:	VILL	A PARK ST		Flow Control: N	Not Controlled	Start MH: 2261	-0327	
City:	LAP			Year Renewed		End MH: 2261	-0328	
ocatio	on Code: C Li	ght Highway		Tape/Media #: G	017	pipe length: 85.1 t	ft	
Reaso	n for inspectio	on: F Routine A	Assessment			cular 8" <i>(itrified Clev Pine</i> Dine Long	th: 20	
Jse of	Sewer:	SS Sanitary	/		Material: VCP Lining Method:	/itrified Clay Pipe Pipe Leng	th: <b>3.0</b>	
Drain.		0327/2261-	0328/2261		Category:			
Remar	'k::							
	1:225	position	obse	ervation		MPEG	photo	grade
		1.50 4.60 6.40 7.20 31.70 43.00 46.40	Frac Frac Root Tap Frac	ture Multiple, from 2 to 1 ture Multiple, from 7 to 5 as Fine Joint, from 8 to 1 as Fine Joint, from 8 to 1 Factory Active, at 3 o'cloc ture Multiple, from 2 to 5	om 4 to 8 o'clock, 5 %, with o'clock, within 8 inch: YES o'clock, within 8 inch: YES o'clock, within 8 inch: YES o'clock, within 8 inch: YES ck, 4", within 8 inch: NO o'clock, within 8 inch: YES o'clock, within 8 inch: YES	in 8 inch: NO 00:01:33 00:02:13 00:02:54 00:03:14 00:03:44 00:04:34 00:05:14	7     3774       4     3775       8     3776       0     3777       4     3778       4     3779	M 2 S 4 S 4 S 4
2	261-0328	77.00 85.10		ture Multiple, from 2 to 1 hole, within 8 inch: NO, F	o'clock, within 8 inch: YES Remarks: 0328-2261	00:06:5 00:07:43		S 4
	QSR 4500	QMR 2200	SPR 20	MPR	OPR 24	SPRI MPRI		OPRI
	4500	2200	20	4	24	4 2		3.43



				Inspection	on report				
	ate: 60609	P.O.#: YOTV05068		Weather: 1 Dry	Surveyed By: Gilbert Contreras	section nu 197		PSF 1001	
	pe Length: '9.00	Survey Custon LACDPW	ner:	System Owner: LACDPW	Clean Date:	Pre-Clea J Jett		Map Gr	id #:
reet: ty: ocation C	INOYO S LAP ode: C Light F			Flow Control: N N Year Renewed Tape/Media #: G01	ot Controlled	Start MH: End MH: pipe length:	2261-035 2261-035 281.1 ft		
ason for e of Sew ain. Area mark::		F Routine Asses SS Sanitary 0352/2261-0353/			Dia/Height: C Circul Material: VCP Vit Lining Method: Category:	lar 8" rified Clay Pipe	Pipe Length:	3.0	
	627 p	osition	obse	ervation			MPEG	photo	grade
12									
2261	-0353	0.00	Manl	nole, within 8 inch: NO, Rei	marks: 0353-2261		00:00:45	821	
		7.00	Wate	er Level, 15 %, within 8 inch	n: NO		00:03:24	822	M 2
		9.30 <b>S1</b>	Depo Start		14 to 8 o'clock, 10 %, within	8 inch: NO,	00:03:46	823	M 2
		18.60		Factory Active, at 9 o'clock	, 4", within 8 inch: NO		00:04:26	824	
		38.90 <b>S2</b>	Wate	er Level Sag, 30 %, within 8	inch: NO, Start		00:05:14	825	M 2
		41.20	Frac	ture Multiple, from 2 to 10 c	clock, within 8 inch: YES		00:05:46	826	S 4
		66.30	Тар	Factory Active, at 9 o'clock	, 4", within 8 inch: NO		00:06:50	827	
		68.50 <b>F2</b>	Wate	er Level Sag, 30 %, within 8	inch: NO, End		00:7:10	828	M 2
	$\neg / / \backslash$	69.30	Wate	er Level, 15 %, within 8 inch	n: NO		00:07:27	829	M 2
		75.30	Тар	Factory Active, at 3 o'clock	, 4", within 8 inch: NO		00:07:56	830	
		88.80	Frac	ture Multiple, from 7 to 5 o'	clock, within 8 inch: YES		00:08:51	831	S 4
:		119.20	Wate	er Level, 20 %, within 8 inch	n: NO		00:09:49	832	M 2
		128.00		ture Multiple, from 7 to 5 o'			00:10:26	833	S 4
	$\vdash$ $\setminus$ $$	129.40		Factory Active, at 9 o'clock			00:11:02	834	
		150.50 <b>S3</b>	·	er Level Sag, 30 %, within 8			00:11:51	835	M 2
		165.10 <b>F3</b>		er Level Sag, 30 %, within t			00:12:29	836	M 2
	$   \setminus \setminus$						00:12:29	837	M 2
	$\Box \setminus \setminus \Box$	<u>165.20</u>		er Level, 20 %, within 8 inch					
	$  \land \land \rangle$	<u>179.30</u>		ture Multiple, from 7 to 5 o'			00:13:26	838	S 4
		192.60	-	Factory Active, at 9 o'clock			00:14:11	839	
		198.30	·	Factory Active, at 3 o'clock			00:14:50	840	
		208.90	Wate	er Level, 25 %, within 8 inch	n: NO		00:15:27	841	M 2
		252.60	Тар	Factory Active, at 9 o'clock	, 4", within 8 inch: NO		00:16:48	842	



Date: 20060609		P.O.#: YOTV0506E	Weather: 1 Dry	Surveyed By: Gilbert Contreras	section n 19	7	PSF 1001	66	
Total Pipe Lengt 279.00	h: Su	urvey Customer: LACDPW	System Owner: LACDPW	Clean Date:	Pre-Cle J Jet		Map Grid #:		
1:627	position	ob	oservation			MPEG	photo	grad	
	272.60	Fn	acture Multiple, from 7 to 5 o	'clock, within 8 inch: YES		00:17:51	843	S 4	
2261-0352	272.60	Ge	eneral Observation, within 8	inch: NO, Remarks: joint leng	gth 3'	00:18:19	844		
	280.00	W	ater Level, 15 %, within 8 inc	h: NO		00:18:48	845	M 2	
\	281.10	Ma	anhole, within 8 inch: NO, Re	emarks: 0352-2261		00:19:15	846		
	281.10	F1 De Er		m 4 to 8 o'clock, 10 %, within	8 inch: NO,	00:20:41	847	M 2	
20		L							

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI				
4500	2A00	20	24	44	4	2	2.59				
	V0TV05605 97 092409 For WinCan Panart mdb // nago: 2										



			Inspect	ion report				
	ate: 60606	P.O.#: <b>Y0TV0506E</b>	Weather: 1 Dry	Surveyed By: Gilbert Contrera	section n s 15		PSF 1001	
	be Length: 2.00	Survey Customer: LACDPW	System Owner: LACDPW	Clean Date:	Pre-Cle J Jet		Map G	rid #:
treet:	VILLA P	ARK ST	Flow Control: N	Not Controlled	Start MH:	2261-032	25	
ity:	LAP		Year Renewed		End MH:	2261-032	26	
ocation Co	ode: C Light	Highway	Tape/Media #: G	016	pipe length:	207.3 ft		
eason for	inspection:	F Routine Assessment			Circular 8"			
se of Sew	ver:	SS Sanitary		Material: VC Lining Method:	P Vitrified Clay Pipe	Pipe Length:	6.0	
rain. Area	1:	0325/2261-0326/2261		Category:				
emark::								
1:	525 p	oosition obs	ervation			MPEG	photo	grade
2261-	0325	6.00         Frac           6.00         Join           7.00         Tap           15.30         Wat	hole, within 8 inch: NO, F sture Multiple, from 1 to 4 t Offset Medium, within 8 Factory Active, at 3 o'cloc er Level, 10 %, within 8 in	o'clock, within 8 inch: YE inch: NO ck, 6", within 8 inch: NO nch: NO	5	00:00:42 00:02:30 00:01:53 00:03:02 00:03:31	3680 3681 3682 3683 3683 3684	S 4 S 1 M 2
			Factory Active, at 9 o'cloo ts Fine Joint, from 7 to 10	ES	00:03:59 00:04:23	3685 3686		
		24.60 Roo	ts Fine Joint, from 2 to 8	o'clock, within 8 inch: YE	S	00:04:50	3687	
		28.10 Frac	ture Circumferential, from	n 7 to 10 o'clock, within 8	inch: YES	00:05:13	3688	S 2
	- <b>//</b> / //	43.00 Frac	ture Multiple, from 7 to 3	o'clock, within 8 inch: YE	S	00:06:22	3689	S 4
		<u>43.00</u> Tap	Factory Active, at 3 o'clo	ck, 6", within 8 inch: NO		00:05:51	3690	
		Frac	ture Multiple, from 7 to 3	o'clock, within 8 inch: YE	S	00:07:37	3691	S 4
		82.30 Frac	ture Multiple, from 1 to 9	o'clock, within 8 inch: YE	S	00:08:55	3692	S 4
		 <u>82.30</u> Gen	eral Observation, within 8	inch: NO, Remarks: joir	nt length 3'	00:08:17	3693	
	-/ ///		ts Fine Joint, from 2 to 5	o'clock, within 8 inch: YE	S	00:09:17	3694	
	/ / /	<u>88.20</u> Dep	osits Ingressed Fine, fron	n 7 to 5 o'clock, 5 %, with	nin 8 inch: NO	00:09:44	3695	M 2
		<u>103.60</u> Tap	Factory Active, at 3 o'clo	ck, 6", within 8 inch: NO		00:10:22	3696	
		<u>139.40</u> Dep	osits Attached Grease, fro	om 4 to 8 o'clock, 5 %, w	ithin 8 inch: NO	00:11:29	3697	M 2
		Dep	osits Attached Other, fror	n 8 to 4 o'clock, 5 %, witl	nin 8 inch: NO	00:11:58	3698	M 2
		<u>164.90</u> Tap	Factory Active, at 3 o'clo	ck, 6", within 8 inch: NO		00:12:48	3699	
2261-	0326	<u>201.60</u> Tap	Factory Active, at 3 o'clo	ck, 4", within 8 inch: NO		00:14:02	3700	
2201		_207.30 Man	hole, within 8 inch: NO, F	Remarks: 0326-2261		00:14:48	3701	
QSR		QMR SPR	MPR	OPR	SPRI	MPRI		OPRI
		2400 19	8	27	3.17	2		2.7



							5) 341.0109, Fax:	(505) 341.013	33
				Inspecti	ion report				
	Date: 20060607	P.O.# <b>YOTV05</b>		Weather: 1 Dry	Surveyed By: Gilbert Contreras	section nu 174		PSI 1001	
Т	otal Pipe Length: 240.00	Survey Cus LACDP		System Owner: LACDPW	Clean Date:	Pre-Clea J Jetti		Map G	rid #:
Stre	et: LAUR	RA AV		Flow Control: N	Not Controlled	Start MH:	2261-032	3	
ity	LAP			Year Renewed		End MH:	2261-036	6	
oc	ation Code: <b>C Lig</b>	ht Highway		Tape/Media #: G0	017	pipe length:	277 ft		
	son for inspectior		sessment		Dia/Height: C Circu Material: VCP Vi	ılar 8" trified Clay Pipe	Pipe Length:	3.0	
	of Sewer:	SS Sanitary	0004		Lining Method:		po zongan		
	n. Area: nark::	0323/2261-036	00/2201		Category:				
ton									
	1:700	position	obse	ervation			MPEG	photo	grade
	14								
	2261-0323	0.00	Man	hole, within 8 inch: NO, R	emarks: 0323-2261		00:00:46	350	
	2201-0323	0.00	Wate	er Level, 10 %, within 8 ind	ch: NO		00:01:22	351	M 2
		12.30	Depo	osits Attached Grease, fro	m 4 to 8 o'clock, 5 %, within	8 inch: NO	00:01:57	352	M 2
		35.80	Frac	ture Multiple, from 12 to 5	o'clock, within 8 inch: YES		00:03:04	353	S 4
		46.30			o'clock, within 8 inch: YES		00:03:57	354	S 4
		53.30 <b>S1</b>			o'clock, within 8 inch: YES,	Start	00:04:42	355	S 4
		68.00		Factory Capped, at 9 o'clo		oturt	00:05:33	356	0,
		00.00	ιαp	actory capped, at 9 0 cit			00.03.03	550	
		105.90	Depo	osits Attached Grease, fro	m 4 to 8 o'clock, 5 %, within	8 inch: NO	00:06:59	357	M 2
		107.40	Depo	osits Attached Other, from	6 to 8 o'clock, 10 %, within	8 inch: NO	00:07:39	358	M 2
		108.40	Тар	Break-in Defective, at 9 o'	clock, 4", within 8 inch: NO		00:08:17	359	M 3
		114.50	Тар	Factory Capped, at 9 o'clo	ock, 4", within 8 inch: NO		00:08:58	360	
		133.00	Gen	eral Observation, within 8	inch: NO, Remarks: joint ler	igth 3'	00:10:04	361	
		168.50	Тар	Factory Active, at 9 o'cloc	k, 4", within 8 inch: NO		00:11:26	362	
		176.90	Aliar	ment Left, within 8 inch: N	10		00:11:59	363	M 1
		183.70		ment Right, within 8 inch:			00:12:21	364	M 1
		197.30	Ŭ	Iment Left, within 8 inch: N			00:12:58	365	M 1
		204.10			m 4 to 8 o'clock, 5 %, within	8 inch: NO	00:12:00	366	M 2
		、 <u> </u>		Factory Capped, at 9 o'clo			00:14:22	367	
		219.40 E1			o'clock, within 8 inch: YES,	End	00:14:22	368	S 4
		<u>254.40</u> F1				LIU			34
	2261-0366	269.60		Factory Active, at 9 o'cloc			00:16:24	369	
		277.00	Man	hole, within 8 inch: NO, Re	emarks: 0366-2261		00:17:13	370	
	16								
	QSR	QMR	SPR	MPR	OPR	SPRI	MPRI		OPRI
	4400	3125	16	16	32	4	1.78		2.46



			Inspect	ion report				
	Date: 20060609	P.O.#: <b>Y0TV0506E</b>	Weather: 1 Dry	Surveyed By: Rigo Alvarez	section nu 413		PSI 1001	
То	otal Pipe Length: 262.00	Survey Customer: LACDPW	System Owner: LACDPW	Clean Date:	Pre-Clea J Jett		Map Grid #:	
tree	et: WICKFO	RD AV	Flow Control: N	Not Controlled	Start MH:	2261-034	4	
ity:	LAP		Year Renewed		End MH:	2261-034		
ocat	tion Code: C Light I	lighway	Tape/Media #: R	019	pipe length:	280.7 ft		
leas	son for inspection:	F Routine Assessmen	t	e e	cular 8"			
lse o	of Sewer:	SS Sanitary		Material: VCP V Lining Method:	/itrified Clay Pipe	Pipe Length:	3.0	
rain	n. Area:	0344/2261-0345/2261		Category:				
Rema	ark::							
	1:700 p	osition ob	servation			MPEG	photo	grade
		<u>0.00</u> Ma	inhole, within 8 inch: NO, R	emarks: 0344-2261		00:00:53	3569	
	2261-0344	<u>6.50</u> Wa	ater Level, 5 %, within 8 inc	h: NO		00:01:28	3570	M 2
		<u>9.00</u> Ge	neral Observation, within 8	inch: NO, Remarks: Pipe J	loint Length 3'	00:02:00	3571	
		<u>27.70</u> Fra	acture Multiple, from 7 to 9	o'clock, within 8 inch: YES		00:03:08	3572	S 4
		<u>29.10</u> Ta	p Factory Active, at 9 o'cloo	ck, 6", within 8 inch: NO		00:03:31	3573	
		<u>30.30</u> Cr	ack Longitudinal, at 2 o'cloo	ck, within 8 inch: YES		00:03:58	3574	S 2
		34.70 Ta	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO				3575	
		90.90 Cr	ack Longitudinal, at 3 o'cloo	ck, within 8 inch: YES		00:06:40	3576	S 2
		91.80 Ta	p Factory Active, at 3 o'cloo	ck, 6", within 8 inch: NO		00:06:58	3577	
		92.90 Fra	acture Multiple, from 7 to 4	o'clock, within 8 inch: YES		00:07:37	3578	S 4
		94.60 Ta	p Factory Active, at 9 o'cloo	ck, 6", within 8 inch: NO		00:08:00	3579	
)		95.60 Cr	ack Multiple, from 9 to 3 o'c	lock, within 8 inch: YES		00:08:25	3580	S 3
			ack Multiple, from 8 to 4 o'c	lock, within 8 inch: YES		00:09:40	3581	S 3
			ots Fine Joint, at 9 o'clock,			00:10:00	3582	
	$   \setminus \setminus$		p Factory Active, at 3 o'cloc			00:11:11	3583	
			p Factory Active, at 9 o'cloc	, ,		00:11:48	3584	
			ack Multiple, from 10 to 4 o			00:13:29	3585	S 3
			ack Multiple, from 4 to 10 o			00:14:15	3586	S 3
			ack Multiple, from 8 to 4 o'd			00:14:57	3587	S 3
			p Break-in Active, at 3 o'clo			00:15:55	3588	
				l o'clock, within 8 inch: YES	j	00:17:47	3589	S 4
	2261-0345	<u>269.40</u> Wa	ater Level, 35 %, within 8 in	ich: NO		00:18:29	3590	M 2
		<u>280.70</u> Ma	inhole, within 8 inch: NO, R	lemarks: 0345-2261		00:19:30	3591	
	QSR	QMR SPF	R MPR	OPR	SPRI	MPRI		OPRI
	4335	2200 31	4	35	3.1	2		2.92



WinCan America, Inc.

1730 Montano Road NE, Suite E Albuquerque, NM 87107 Tel: (505) 341.0109, Fax: (505) 341.0133

			Inspect	ion report				
	Date: 060608	P.O.#: <b>YOTV0506E</b>	Weather: 1 Dry	Surveyed By: Gilbert Contreras	section num	iber:	PSF 1001	
	<sup>D</sup> ipe Length: 297.00	Survey Customer: LACDPW	System Owner: LACDPW	Clean Date:	Pre-Clean J Jetting		Map G	rid #:
Street:	ALLEY		Flow Control: N	Not Controlled	Start MH:	2261-036	60	
City:	LAP		Year Renewed		End MH:	2261-035	9	
Location	Code: H Alley		Tape/Media #: G0	)18	pipe length:	297.8 ft		
	or inspection:	F Routine Assessment		Dia/Height: C Circu Material: VCP Vit	lar 8" rified Clay Pipe P	Pipe Length:	3.0	
Use of Se Drain. Are		SS Sanitary 0359/2261-0360/2261		Lining Method:				
Remark::				Category:				
	1:594 po	osition obs	servation			MPEG	photo	grade
								9
20	D	0.00 Ma	nhole, within 8 inch: NO, R	emarks: 0360-2261		00:00:48	587	
	$\sim$	3.00 Dep	oosits Attached Grease, fro	om 4 to 8 o'clock, 5 %, within	8 inch: NO	00:02:25	588	M 2
226	51-0360	7.00 Wa	ter Level, 10 %, within 8 inc	ch: NO		00:03:35	589	M 2
		<u>17.50</u> Tap	Factory Active, at 9 o'cloc	k, 4", within 8 inch: NO		00:04:12	590	
		<u>25.70</u> Fra	cture Circumferential, from	2 to 5 o'clock, within 8 inch:	YES	00:09:34	591	S 2
		42.10 Dep	posits Attached Grease, fro	om 4 to 8 o'clock, 10 %, within	n 8 inch: NO	00:10:19	592	M 2
		<u>59.50</u> Fra	cture Circumferential, from	9 to 11 o'clock, within 8 inch	: YES	00:11:10	593	S 2
		<u>60.50</u> <b>S1</b> Wa	ter Level Sag, 25 %, within	8 inch: NO, Start		00:11:35	594	M 2
		<u>69.20</u> <b>F1</b> Wa	ter Level Sag, 25 %, within	8 inch: NO, End		00:12:07	595	M 2
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		<u>69.20</u> Wa	ter Level, 10 %, within 8 inc	ch: NO		00:12:25	596	M 2
*		71.10 Tap	Factory Active, at 9 o'cloc	k, 4", within 8 inch: NO		00:12:49	597	
		80.10 Dep	posits Attached Grease, fro	om 4 to 8 o'clock, 10 %, within	n 8 inch: NO	00:13:29	598	M 2
<b>%</b>		83.20 Fra	cture Circumferential, from	3 to 5 o'clock, within 8 inch:	YES	00:14:24	599	S 2
		<u>111.40</u> Tap	Factory Capped, at 9 o'clo	ock, 4", within 8 inch: NO		00:15:29	600	
		116.10 Dep	oosits Attached Grease, fro	om 4 to 8 o'clock, 10 %, within	n 8 inch: NO	00:16:03	601	M 2
		119.70 Fra	cture Circumferential, from	2 to 10 o'clock, within 8 inch	: YES	00:16:42	602	S 2
		130.40 Fra	cture Multiple, from 7 to 5 c	o'clock, within 8 inch: YES		00:17:33	603	S 4
		144.90 Tap	Break-in Active, at 9 o'clo	ck, 4", within 8 inch: NO		00:18:40	604	
		154.20 Dep	oosits Attached Grease, fro	m 4 to 8 o'clock, 10 %, within	n 8 inch: NO	00:19:17	605	M 2
		172.00 Tap	Factory Capped, at 9 o'clo	ock, 4", within 8 inch: NO		00:20:09	606	
		<u>177.20</u> Fra	cture Multiple, from 3 to 10	o'clock, within 8 inch: YES		00:20:56	607	S 4
		207.90 Dep	oosits Attached Grease, fro	om 4 to 8 o'clock, 10 %, within	n 8 inch: NO	00:21:59	608	M 2
		218.20 Ger	neral Observation, within 8	inch: NO, Remarks: joint len	gth 3'	00:23:02	609	
		2 <u>33.00</u> Tap	Factory Active, at 9 o'cloc	k, 4", within 8 inch: NO		00:23:41	610	



# Inspection report

Date 20060		P.O.#: <b>YOTV0506E</b>	Weather: 1 Dry	Surveyed By: Gilbert Contreras	section number: <b>185</b>		PSR: 100174	
Total Pipe 297.	•	Survey Customer LACDPW	: System Owner: LACDPW	Clean Date:		Pre-Cleaned: Map J Jetting		id #:
1:59	94 pc	osition	observation			MPEG	photo	grade
	:	255.40	Deposits Attached Grease, fro	m 4 to 8 o'clock, 10 %, within	8 inch: NO	00:24:34	611	M 2
5		<u>258.70</u>	Fracture Multiple, from 2 to 5 c	o'clock, within 8 inch: YES		00:25:10	612	S 4
		273.80	Tap Factory Capped, at 9 o'clo	ock, 4", within 8 inch: NO		00:26:02	613	
		290.30	Deposits Attached Grease, fro	m 4 to 8 o'clock, 10 %, within	8 inch: NO	00:26:49	614	M 2
2261-03	359	297.80	Manhole, within 8 inch: NO, Re	emarks: 0359-2261		00:27:39	615	

20

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
QSR	QIVIR	SPR	MPR	UPR	SPRI	IVIPRI	UPRI
4324	2A00	20	24	44	2.86	2	2.32
		Y0TV0560	E 97 082409 For Wi	inCan Report.mdb	// page: 2		



				Inspect	ion report				
	Date: 20060608	P.0 <b>YOTV</b> 0		Weather: 1 Dry	Surveyed By: Gilbert Contrera	section 1	number:	PSF 1001	
7	Total Pipe Lengt		ustomer:	System Owner: LACDPW	Clean Date:	Pre-Cle J Jet	eaned:	Map G	
Stre	eet: INO	YO ST	F	low Control: N	Not Controlled	Start MH:	2261-035	57	
City	/: LAF	5	Y	ear Renewed		End MH:	2261-035	56	
.00	ation Code: C L	ight Highway	Т	ape/Media #: G	018	pipe length:	246 ft		
Rea	ason for inspecti	on: F Routine A	ssessment		, i i i i i i i i i i i i i i i i i i i	Circular 8" P Vitrified Clay Pip	• Dina Longth:	3.0	
lse	e of Sewer:	SS Sanitary			Lining Method:	r vitilieu ciay rip	e Fipe Lengui.	5.0	
	in. Area:	0356/2261-0	357/2261		Category:				
Rer	mark::								
	1:600	position	observ	ation			MPEG	photo	grade
	12	0.00	Manhol	e, within 8 inch: NO, R	emarks: 0357-2261		00:00:53	654	
	2201-033/	7.00	Water L	evel, 15 %, within 8 in	ch: NO		00:04:11	655	M 2
		7.00 <b>S1</b>			om 3 to 9 o'clock, 10 %,	within 8 inch: NO,	00:04:27	656	M 2
		12.50 <b>S2</b>	Start	evel Sag, 30 %, within			00:04:56	657	M 2
		<u> </u>							
		<u>26.40</u> <b>F2</b> 26.40		evel Sag, 30 %, within			00:05:36 00:05:52	658 659	M 2 M 2
		28.40		Water Level, 15 %, within 8 inch: NO Tap Factory Capped, at 3 o'clock, 4", within 8 inch: NO				660	101 2
		31.60		Tap Factory Capped, at 9 o'clock, 4", within 6 inch: NO			00:06:46	661	
		78.80	Tap Fac	ctory Capped, at 3 o'cl	ock, 4", within 8 inch: N	C	00:08:23	662	
		82.30	Tap Fac	ctory Capped, at 9 o'cl	ock, 4", within 8 inch: N	С	00:08:48	663	
		88.00	Fracture	e Multiple, from 7 to 5	o'clock, within 8 inch: YE	ES	00:09:30	664	S 4
		129.10	Tap Fac	ctory Capped, at 3 o'cl	ock, 4", within 8 inch: N	C	00:10:53	665	
		132.70	Tap Bre	ak-in Active, at 9 o'clo	ck, 4", within 8 inch: NC	)	00:11:20	666	
		182.80	Tap Fac	ctory Active, at 3 o'cloc	k, 4", within 8 inch: NO		00:12:52	667	
		186.30	Tap Fac	ctory Capped, at 9 o'cl	ock, 4", within 8 inch: N	C	00:13:20	668	
		208.70	Fracture	e Multiple, from 7 to 5	o'clock, within 8 inch: YE	ES	00:14:15	669	S 4
		<u>223.50</u> <b>S3</b>	Water L	evel Sag, 30 %, within	8 inch: NO, Start		00:14:53	670	M 2
		232.40	Fracture	e Multiple, from 7 to 5	o'clock, within 8 inch: YE	ES	00:15:22	671	S 4
		<u>243.70</u> <b>F3</b>	Water L	evel Sag, 30 %, within	8 inch: NO, End		00:15:52	672	M 2
	$\mathbf{H}$	246.00	Genera	Observation, within 8	inch: NO, Remarks: join	nt length 3'	00:16:36	673	
		246.00	Manhol	e, within 8 inch: NO, R	emarks: 0356-2261		00:16:53	674	
	2261-0356	246.00 <b>F1</b>	Deposit End	s Attached Grease, fro	om 3 to 9 o'clock, 10 %,	within 8 inch: NO,	00:17:58	675	M 2
	12								
	QSR	QMR	SPR	MPR	OPR	SPRI	MPRI		OPRI
_	4300	2800	12	16	28	4	2		2.55



			Inspecti	on report				
	ate: 50608	P.O.#: <b>YOTV0506E</b>	Weather: 1 Dry	Surveyed By: Gilbert Contreras	section number: <b>184</b>	PSF 1001		
	e Length: 7.00	Survey Customer: LACDPW	System Owner: LACDPW	Clean Date:	Pre-Cleaned: J Jetting	Map Gi	rid #:	
treet:	DORA GUZI	MAN AV	Flow Control: N N	ot Controlled	Start MH: 2261-0	361		
City:	LAP		Year Renewed			2261-0357		
	inspection:	-	Tape/Media #:         G018         pipe length:         320.6 ft           nent         Dia/Height:         C Circular 8"					
Jse of Sew		F Routine Assessment		-	ar o rified Clay Pipe Pipe Length	n: <b>3.0</b>		
Drain. Area		0357/2261-0361/2261		Lining Method: Category:				
Remark::								
1:	528 posit	tion obs	ervation		MPEG	photo	grade	
28								
2261-	0361	0.00 Mar	nhole, within 8 inch: NO, Re	marks: 0361-2261	00:00:44	560		
		7.00 Wat	ter Level, 15 %, within 8 incl	h: NO	00:01:40	561	M 2	
İ		3.30 Dep	oosits Attached Grease, fron	n 4 to 8 o'clock, 5 %, within 8	3 inch: NO 00:01:59	562	M 2	
İ		0.50 Frad	cture Multiple, from 4 to 6 o'	clock, within 8 inch: YES	00:02:43	563	S 4	
	1/	4.70 S1 Wat	ter Level Sag, 35 %, within 8	3 inch: NO, Start	00:03:12	564	M 3	
	2!	5.70 Dep	oosits Attached Grease, fron	n 11 to 1 o'clock, 15 %, withi	in 8 inch: NO 00:03:53	565	М 3	
-		2.70 <b>F1</b> Wat	ter Level Sag, 35 %, within 8	3 inch: NO, End	00:04:38	566	М 3	
.	42	2.70 Wat	ter Level, 15 %, within 8 incl	h: NO	00:04:56	567	M 2	
<b>)</b>	44	4.40 Dep	oosits Attached Grease, fron	n 12 to 2 o'clock, 15 %, withi	n 8 inch: YES 00:05:20	568	M 3	
		5.80 Tap	Factory Active, at 3 o'clock	, 4", within 8 inch: NO	00:05:48	569		
		7.00 <b>S2</b> Wat	ter Level Sag, 30 %, within 8	3 inch: NO, Start	00:06:13	570	M 2	
		3.90 <b>S3</b> Frad	cture Multiple, from 8 to 4 o'	clock, within 8 inch: YES, St	art 00:06:45	571	S 4	
		3.70 Tap	Factory Active, at 9 o'clock	, 6", within 8 inch: NO	00:07:20	572		
	100		oosits Ingressed Fine, from 8 narks: silt	8 to 4 o'clock, 5 %, within 8 i	nch: NO, 00:08:59	573	M 2	
-	153	3.10 <b>F2</b> Wat	ter Level Sag, 30 %, within 8	3 inch: NO, End	00:14:44	574	M 2	
	153	3.40 Wat	ter Level, 20 %, within 8 incl	h: NO, Remarks: fast flow	00:15:15	575	M 2	
-	150	6.90 Dep	oosits Attached Grease, fron	n 4 to 8 o'clock, 10 %, within	8 inch: NO 00:15:40	576	M 2	
ł	169	9.30 Ger	neral Observation, within 8 in	nch: NO, Remarks: joint leng	gth 3' 00:16:40	577		
	173	3.70 Tap	Factory Active, at 3 o'clock	, 4", within 8 inch: NO	00:17:13	578		
	182	2.80 Tap	Factory Active, at 9 o'clock	, 4", within 8 inch: NO	00:17:51	579		



#### **Inspection report**

	Date:	P.O.;	#:	Weather:	Surveyed By:		number:	PSR	
Т	20060608 otal Pipe Length: 337.00	YOTV08 Survey Cu LACD	stomer:	1 Dry System Owner: LACDPW	Gilbert Contrera Clean Date:	Pre-Cl	34 eaned: tting	<b>1001</b> Map Gr	
	1:528 p	osition	observati	on			MPEG	photo	grade
		<u>229.90</u> 232.70		ry Capped, at 3 o'cloc ry Capped, at 9 o'cloc			00:20:06 00:20:43	581 582	
	2201-030/	320.20 F4 320.20 53	Water Lev	el Sag, 40 %, within 8 el, 25 %, within 8 inch fultiple, from 8 to 4 o'c	: NO	S, End	00:23:42 00:24:03 00:24:21	583 584 585	M 3 M 2 S 4
	12	320.60	Manhole,	within 8 inch: NO, Ren	narks: 0357-2261		00:25:04	586	



				Inspection	on report				
	Date: 20060605	P.O.#: <b>Y0TV0506</b>	E	Weather: 1 Dry	Surveyed By: NPS T Glock	section nur <b>896</b>	mber:	PSF 1001	
Tota	al Pipe Length: 312.18	Survey Custo		System Owner: LAM	Clean Date:	Pre-Clear J Jettir		Map G <b>226</b>	
Street:	WEGM	AN DR		Flow Control: N N	ot Controlled	Start MH:	2261-041	7	
City:	LAP			Year Renewed		End MH:	2261-041	8	
	on Code: C Ligh			Tape/Media #: 050		pipe length:	312.18 ft		
	n for inspection: Sewer:				Dia/Height: C 8/8 Material: VCP Pipe	Length: 216			
)rain. /		SS Sanitary 0417/2261-0418	/2261		Lining Method: Category:				
Remarl		cracks	/		Calegory.				
	1:429	position	obs	ervation			MPEG	photo	grade
		0.00	Mar	hole			00:01:16		
		0.00	Gen	eral Observation, Remark:	Start, Segment		00:01:25		
2	261-0417	4.49	Wat	er Level, Sag in pipe, 5 % o	of cross sectional area		00:02:08		M 2
		4.49	Wat	er Mark, 25 % of cross sec	tional area		00:02:11		M 2
		5.69	Cra	ck Multiple, from 08 to 04 o	clock, within 8 inch: YES		00:02:23		S 3
		8.48	Cra	ck Multiple, from 04 to 05 o	clock, within 8 inch: YES		00:02:36		S 3
		14.57	Cra	ck Multiple, from 08 to 04 o	clock, within 8 inch: YES		00:02:56		S 3
		32.64	Cra	ck Multiple, from 08 to 04 o	clock, within 8 inch: YES		00:03:30		S 3
		46.41	Тар	Factory Made Active, at 10	o'clock, 6", within 8 inch: YE	S	00:04:03		
,		47.21	Cra	ck Multiple, from 08 to 04 o	clock, within 8 inch: YES		00:04:21		S 3
, [		53.59	Cra	ck Multiple, from 03 to 05 o	clock, within 8 inch: YES		00:04:43		S 3
)		62.68	Cra	ck Multiple, from 08 to 04 o	clock, within 8 inch: YES		00:05:07		S 3
)		67.07	Roo	ts Fine Connection, at 02 o	clock, within 8 inch: YES		00:05:25		M 1
		67.07		-	o'clock, 6", within 8 inch: YE	S, Remark:	00:05:29		
		116.17	root Frac		o'clock, within 8 inch: YES		00:06:59	4291a	S 4
		119.07	Cra	ck Multiple, from 04 to 07 o	clock, within 8 inch: YES		00:07:25		S 3
		121.06	Тар	Factory Made Active, at 10	o'clock, 6", within 8 inch: YE	S	00:07:38		
		121.96	Cra	ck Multiple, from 07 to 05 o	clock, within 8 inch: YES		00:07:53	4294a	S 3
Ū		<u>125.15</u> <b>S1</b>	Wat	er Level, Sag in pipe, 25 %	of cross sectional area, start		00:08:11		M 2
		133.54 <b>F1</b>	Wat	er Level, Sag in pipe, 25 %	of cross sectional area, end		00:08:35		M 2
		133.54	Frac	cture Multiple, from 07 to 10	o'clock, within 8 inch: YES		00:08:40	4297a	S 4
		135.33	Тар	Factory Made Active, at 02	o'clock, 6", within 8 inch: YE	S	00:08:56		
		157.29	Cra	ck Multiple, from 08 to 12 o	clock, within 8 inch: YES		00:09:40		S 3
		172.26	Cra	ck Multiple, from 08 to 04 o	clock within 8 inch: YES		00:10:12		S 3



#### **Inspection report**

Dat 20060 Total Pipe	0605	P.O <b>Y0TV0</b> Survey Cu	506E	Weather: 1 Dry System Owner:	Surveyed By: NPS T Glock Clean Date:	section n 89 Pre-Cle	6	PSF <b>1001</b> Map G	07
312	•	LÁCE		LAM		J Jet	ting	226	
1:4	29 pc	osition	obse	rvation			MPEG	photo	grade
	<u> </u>	184.34	Crack	Multiple, from 08 to 04 o	clock, within 8 inch: Y	ES	00:10:38		S 3
		196.51	Crack	Multiple, from 10 to 05 of	clock, within 8 inch: Y	ES	00:11:10		S 3
		198.01	Tap F	actory Made Active, at 02	o´clock, 6", within 8 in	ich: YES	00:11:20		
		198.71	Crack	Longitudinal, at 05 o´cloc	k, within 8 inch: YES		00:11:36		S 2
		207.99	Crack	Multiple, from 07 to 03 of	clock, within 8 inch: Y	ES	00:12:02		S 3
		222.96	Crack	Multiple, from 07 to 05 o	clock, within 8 inch: Y	ES	00:12:33	4306a	S 3
		252.80	Crack	Multiple, from 08 to 10 o	clock, within 8 inch: Y	ES	00:13:20		S 3
		255.80	Crack	Multiple, from 10 to 02 of	clock, within 8 inch: Y	ES	00:13:33		S 3
	$\mathbb{N}$	257.59	Roots line	Fine Connection, at 10 o	clock, within 8 inch: Y	ES, Remark: in main	00:13:45		M 1
		257.59		actory Made Active, at 10	o´clock, 6", within 8 in	ich: YES, Remark:	00:13:54		
		263.08		actory Made Active, at 02	o´clock, 6", within 8 in	ich: YES, Remark:	00:14:10		
		263.08		Fine Connection, at 02 o	clock, within 8 inch: Y	ΈS	00:14:14		M 1
		279.05	Crack	Multiple, from 02 to 10 of	clock, within 8 inch: Y	ES	00:14:46	4313a	S 3
2261-0	418	303.40	Crack	Multiple, from 07 to 05 of	clock, within 8 inch: Y	ES	00:15:31		S 3
		312.18	Gene	ral Observation, Remark: I	Materials found- VCP		00:16:27		
		312.18	Gene	ral Observation, Remark: I	End of Segment		00:16:38		
		312.18	Manh	ole			00:16:58		
QSR		QMR	SPR	MPR	OPR	SPRI	MPRI		OPRI



Street:

City:

Drain. Area:

Remark::

WinCan America, Inc. 1730 Montano Road NE, Suite E Albuquerque, NM 87107 Tel: (505) 341.0109, Fax: (505) 341.0133

00:06:14

00:07:32

00.08.00

00:08:12

00:08:46

00:09:08

00:09:23

00:09:52

00:10:38

S 3

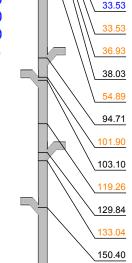
S 3

S 3

S 3

S 3

**Inspection report** Date: P.O.#: Weather: Surveyed By: section number: PSR: 100110 20060605 Y0TV0506E NPS T Glock 1 Dry 899 Total Pipe Length: Survey Customer: System Owner: Clean Date: Pre-Cleaned: Map Grid #: LÁCDPW 2261 260.89 LAM J Jetting WEGMAN DR Flow Control: Start MH: 2261-0420 LAP Year Renewed End MH: 2261-0421 Location Code: C Light Highway Tape/Media #: 050 pipe length: 260.89 ft Reason for inspection: F Dia/Height: C 8/8 Material: VCP Pipe Length: 289 Use of Sewer: SS Sanitary Lining Method: 0420/2261-0421/2261 Category: fractures, cracks 1:429 MPEG position observation photo grade 0.00 Manhole 00:00:57 2261-0420 0.00 General Observation, Remark: Start, Segment 00:01:09 4.99 Water Level, 10 % of cross sectional area 00:01:25 M 2 4.99 Water Mark, 30 % of cross sectional area 00:01:29 M 2 9.08 Fracture Multiple, from 03 to 09 o'clock, within 8 inch: YES, start 00:02:08 4413a, b S 4 **S1** 12.38 **F1** Fracture Multiple, from 03 to 09 o'clock, within 8 inch: YES, end 00:02:43 S 4 15.47 Crack Multiple, from 07 to 09 o'clock, within 8 inch: YES 00:02:56 S 3 20.86 **S1** Crack Multiple, from 03 to 09 o'clock, within 8 inch: NO, start 00:03:17 4416a S 3 23.85 **F1** Crack Multiple, from 03 to 09 o'clock, within 8 inch: NO, end 00:03:37 S 3 29.44 Tap Factory Made Active, at 02 o'clock, 6", within 8 inch: YES 00.04.02 33.53 Tap Break-In Intruding, at 11 o'clock, 6", 2", 1 %, within 8 inch: YES 00:04:25 4419a M 2 33.53 Fracture Spiral, from 10 to 05 o'clock, within 8 inch: YES 00:04:47 4420a S 3 36.93 Crack Multiple, from 09 to 03 o'clock, within 8 inch: YES 00:05:27 S 3 38.03 Tap Factory Made Capped, at 10 o'clock, 6", within 8 inch: YES 00:05:38



178.65

Crack Multiple, from 09 to 01 o'clock, within 8 inch: YES

Crack Multiple, from 10 to 03 o'clock, within 8 inch: YES

Crack Multiple, from 10 to 02 o'clock, within 8 inch: YES

Crack Multiple, from 07 to 09 o'clock, within 8 inch: YES

Crack Multiple, from 10 to 03 o'clock, within 8 inch: YES

Tap Factory Made Active, at 10 o'clock, 6", within 8 inch: YES

Tap Factory Made Active, at 02 o'clock, 6", within 8 inch: YES

Tap Factory Made Active, at 10 o'clock, 6", within 8 inch: YES

Tap Factory Made Active, at 02 o'clock, 6", within 8 inch: YES



### **Inspection report**

7	Fotal Pipe Length: 260.89	Survey Cus LACDF		System Owner: LAM	Clean Date:	Pre-Clear J Jettir		Map Gi <b>226</b>	
	1:429 pc	osition	obse	rvation			MPEG	photo	grade
		179.95	Tap F	Factory Made Active, at 10	o clock, 6", within 8 inch: YE	S	00:10:49		
		187.33	Cracl	K Multiple, from 09 to 03 o	clock, within 8 inch: YES		00:11:17		S 3
\$		197.81	Tap F	actory Made Active, at 02	o´clock, 6", within 8 inch: YE	S	00:11:44		
		204.60	Cracl	K Multiple, from 11 to 02 of	clock, within 8 inch: YES		00:12:04		S 3
		216.37	Cracl	< Multiple, from 08 to 04 o	clock, within 8 inch: YES		00:12:25		S 3
		242.12	·		o´clock, 6", within 8 inch: YE	ES	00:13:06		
		243.32 251.00 <b>S2</b>		x Multiple, from 10 to 02 of	clock, within 8 inch: YES	o clock within	00:13:21 00:14:24		S 3 M 2
	2261-0421	259.99 <b>F2</b>	8 incl	n: YES, start	of cross sectional area, at 00		00:14:24		M 2
		260.89	8 incl	n: YES, end eral Observation, Remark:		o clock, within	00:14:41		101 2
	// -	260.89		ral Observation, Remark:			00:14:47		
		260.89	Manh	ole			00:15:02		

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI				
423B	2500	50	10	60	3.13	2	2.86				
V0TV0560E 97 092409 For WinCan Poport mdb // page: 2											



City:

194.62

204.00

214.28

214.38

218.77

WinCan America, Inc. 1730 Montano Road NE, Suite E Albuquerque, NM 87107 Tel: (505) 341.0109, Fax: (505) 341.0133

**Inspection report** Date: P.O.#: Weather: Surveyed By: section number: PSR: 20060608 Y0TV0506E NPS D Solano 103282 1 Dry 525 Total Pipe Length: Survey Customer: System Owner: Clean Date: Pre-Cleaned: Map Grid #: LÁCDPW 2218 287.83 LAM J Jetting Street: FERRERO LN Flow Control: N Not Controlled Start MH: 2218-0614 LAP Year Renewed End MH: 2218-0613 Location Code: C Light Highway Tape/Media #: 031 pipe length: 287.83 ft Reason for inspection: F Dia/Height: C 8/8 Material: VCP Pipe Length: 286 ID#103282 Use of Sewer: SS Sanitary Lining Method: Drain. Area: 0613/2218-0614/2218 Category: Remark:: 1:528 MPEG position observation photo grade 0.00 Manhole 00:00:51 2218-0614 1.70 Water Level, 10 % of cross sectional area 00:01:06 M 2 1.70 Water Mark, 25 % of cross sectional area 00:01:06 M 2 4.59 Tap Factory Made Active, at 02 o´clock, 6", within 8 inch: YES 00:01:26 Crack Circumferential, from 12 to 04 o'clock, within 8 inch: YES 00:01:42 3484a, b S 1 5.79 55.79 Tap Factory Made Capped, at 10 o'clock, 6", within 8 inch: YES 00:04:10 Crack Multiple, from 08 to 02 o'clock, within 8 inch: YES 72.36 00:04:58 3486a S 3 73.46 Tap Factory Made Active, at 02 o'clock, 6", within 8 inch: YES, Remark: 00:05:14 ROOTS 74.75 Crack Circumferential, from 09 to 01 o'clock, within 8 inch: YES 00:05:31 S 1 118.67 Tap Factory Made Active, at 02 o'clock, 6", within 8 inch: YES 00.02.00 119.76 Crack Multiple, from 07 to 10 o'clock, within 8 inch: YES 00:07:18 S 3 121.16 Tap Factory Made Active, at 10 o'clock, 6", within 8 inch: YES 00:07:31 140.42 3492a S 3 Crack Multiple, from 08 to 04 o'clock, within 8 inch: YES 00:08:37 149.70 Crack Multiple, from 08 to 03 o'clock, within 8 inch: YES 00:09:06 S 3 168.17 Crack Multiple, from 08 to 02 o'clock, within 8 inch: YES 00:09:47 S 3 183.24 Crack Circumferential, from 01 to 03 o'clock, within 8 inch: YES 00:10:26 S 1 187.73 Tap Factory Made Capped, at 10 o'clock, 6", within 8 inch: YES 00:10:43 191.62 S 3





# Inspection report

	Date: 20060608	YOT	.O.#: /0506E	Weather: 1 Dry	Surveyed By: NPS D Solano	section number: 525	PSR: 103282	
Т	otal Pipe Length: 287.83		Customer: CDPW	er: System Owner: Clean Date: LAM		Pre-Cleaned: J Jetting	Map Grid #: <b>2218</b>	
	1:528	position	obse	ervation		MPEG	photo	grade
\$		227.75	Frac	ture Multiple, from 10 to 04	o´clock, within 8 inch: YES	00:13:47	3503a	S 4
) )		229.25 242.42		Factory Made Active, at 02	o'clock, 6", within 8 inch: YES	00:14:02 00:14:34		S 3
)								
		279.05	Crac	k Circumferential, from 10	to 02 o´clock, within 8 inch: YES	S 00:15:51		S 1
	2218-0613	287.83	Gen	eral Observation, Remark:	End of Segment	00:16:50		
		287.83	Gen	eral Observation, Remark:	Material found-VCP	00:16:51		
		287.83	Man	hole		00:17:11		

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
4238	2200	39	4	43	2.44	2	2.39
		Y0TV0560	E 97_082409 For Wi	nCan Report.mdb	// page: 2		



WinCan America, Inc. 1730 Montano Road NE, Suite E Albuquerque, NM 87107

			Inspect	ion report	Tel: (50			
Date: 20060608	P.O <b>Y0TV0</b>		Weather: 1 Dry	Surveyed By: Rigo Alvarez	section r		PSI 1001	
Total Pipe Leng 225.00		ustomer:	System Owner: LACDPW	Clean Date:	Pre-Cle	eaned:	Map G	
Street: MA City: LA .ocation Code: C I			Year Renewed	Not Controlled	Start MH: End MH: pipe length:	2261-03 2261-03 195.3 ft		
Reason for inspec Ise of Sewer: Drain. Area: Remark::	tion: F Routine A SS Sanitary 0331/2261-0			•	Circular 8" P Vitrified Clay Pipe	e Pipe Length:	3.0	
1:500	position	obsei	rvation			MPEG	photo	grade
2261-0331	0.00		ole, within 8 inch: NO, F			00:00:52 00:01:54	3385 3386	
	8.00 11.90	Water	r Level, 5 %, within 8 inc		e Joint Lenath 3'	00:02:33	3387 3388	M 2
	42.70	Roots	s Fine Joint, at 12 o'clocl	k, within 8 inch: YES	-	00:04:32	3389	
	<u>42.90</u> <u>44.40</u>		Factory Active, at 9 o'cloo	o'clock, within 8 inch: YE ck, 6", within 8 inch: NO	:5	00:05:15 00:05:41	3390 3391	S 3
	93.50	Crack	< Multiple, from 9 to 3 o'c	clock, within 8 inch: YES		00:07:45	3392	S 3
	<u>97.00</u> 111.00		ure Multiple, from 6 to 8 < Longitudinal, at 12 o'cle	o'clock, within 8 inch: YE ock, within 8 inch: YES	S	00:08:37 00:09:26	3393 3394	S 4 S 2
	136.20	Tap F	Factory Active, at 9 o'clo	ck, 6", within 8 inch: NO		00:10:38	3395	
2261-0333	<u>192.50</u> 195.30		ure Multiple, from 3 to 5 ole, within 8 inch: NO, F	o'clock, within 8 inch: YE Remarks: 0333-2261	:S	00:13:10 00:13:49	3396 3397	S 4



WinCan America, Inc. 1730 Montano Road NE, Suite E Albuquerque, NM 87107

••				Inenaci	tion report	Tel: (S	505) 341.0109, Fax:		33
	Date: 20060608	P.O.: <b>YOTV05</b>		Weather: 1 Dry	Surveyed B Gilbert Contr	y: section	number: 82	PSF 1001	
Тс	tal Pipe Lengt 166.00	h: Survey Cu LACD		System Owner: LACDPW	Clean Date		leaned: etting	Map G	rid #:
Reas	LAF	ight Highway		Year Renewed	Material: Lining Method:	Start MH: End MH: pipe length: C Circular 8" VCP Vitrified Clay Pip			
	ark::	0002/2201-00			Category:				
	1:250	position	obser	vation			MPEG	photo	grade
	4								
	2261-0365	0.00		ole, within 8 inch: NO, F			00:00:44	523	
	$\square$	0.00		Level, 10 %, within 8 in		within 9 inch: NO	00:01:09	524	M 2 M 2
		2.50		sits Attached Grease, fr			00:01:35	525 526	M 2 S 4
		<u>4.60</u> <u>11.60</u>		ire Circumferential, from			00:02:11 00:03:03	527	S 2
1	+	32.40	Gener	al Observation, within a	8 inch: NO, Remarks:	joint length 3'	00:04:08	528	
		43.60	Depos	sits Attached Grease, fr	rom 4 to 8 o'clock, 5 %	, within 8 inch: NO	00:04:42	529	M 2
		52.50	Fractu	ire Circumferential, fror	n 2 to 10 o'clock, withi	n 8 inch: YES	00:05:45	530	S 2
		56.00	Fractu	re Circumferential, fror	n 6 to 10 o'clock, withi	n 8 inch: YES	00:06:27	531	S 2
		86.90		ire Multiple, from 4 to 9		YES	00:07:45	532	S 4
		96.90		Level, 25 %, within 8 in			00:08:23	533	M 2
	2261-0362	100.30	Manh	ole, within 8 inch: NO, f	Remarks: 0362-2261		00:09:27	534	
	14								
	QSR	QMR	SPR	MPR	OPR	SPRI	MPRI		OPRI
	4223	2400	14	8	22	2.8	2		2.44



				Inspect	tion report				
	Date: 20060608		).#: 0506E	Weather: 1 Dry	Surveyed By: Gilbert Contreras	section nu 186		PSF 1001	
Tota	al Pipe Length: 283.00		ustomer: DPW	System Owner: LACDPW	Clean Date:	Pre-Clea J Jetti		Map Gi	rid #:
reet:	ALLE	ΞY		Flow Control: N	I Not Controlled	Start MH:	2261-035	59	
ty:	LAP			Year Renewed		End MH:	2261-035	58	
catio	on Code: <b>H All</b>	ey		Tape/Media #: G	6018	pipe length:	284.6 ft		
easo	n for inspectio	n: F Routine	Assessment		Dia/Height: C Circu Material: VCP Vit	lar 8" trified Clay Pipe	Pine Length:	3.0	
	Sewer:	SS Sanitar			Lining Method:	inited only ripe	ripe Lengui.	0.0	
emar	Area: k::	0358/2261-	0359/2261		Category:				
	1:594	position	obs	ervation			MPEG	photo	grad
	24								
2	261-0359	0.00	Mar	nhole, within 8 inch: NO, I	Remarks: 0359-2261		00:00:44	616	
		<u>2.00</u> <b>S1</b>	Dep Sta		rom 4 to 8 o'clock, 10 %, within	n 8 inch: NO,	00:01:37	617	M 2
		7.00		ter Level, 10 %, within 8 i	nch: NO		00:02:14	618	M 2
		7.10	Fra	cture Multiple, from 10 to	5 o'clock, within 8 inch: YES		00:02:55	619	S 4
		35.80	Тар	Factory Active, at 3 o'clo	ock, 4", within 8 inch: NO		00:03:59	620	
		39.40	Тар	Factory Capped, at 9 o'c	clock, 4", within 8 inch: NO		00:04:36	621	
		89.90	Тар	Factory Active, at 3 o'clo	ock, 4", within 8 inch: NO		00:06:13	622	
		89.90 F1			rom 4 to 8 o'clock, 10 %, withi	n 8 inch: NO,	00:06:34	623	M 2
		89.90 <b>S2</b>	Enc Dep		rom 4 to 8 o'clock, 10 %, withi	n 8 inch: NO,	00:07:02	624	M 2
		93.00	Sta Tap		clock, 4", within 8 inch: NO		00:07:35	625	
		147.20	Тар	Factory Capped, at 3 o'c	clock, 4", within 8 inch: NO		00:09:29	626	
		150.60	Тар	Factory Capped, at 9 o'c	clock, 4", within 8 inch: NO		00:10:10	627	
		180.30 F2	Dep Enc		rom 4 to 8 o'clock, 10 %, within	n 8 inch: NO,	00:11:23	628	M 2
		180.30 <b>S3</b>		oosits Attached Grease, fr	rom 4 to 8 o'clock, 10 %, within	n 8 inch: NO,	00:11:48	629	M 2
		193.90			8 inch: NO, Remarks: joint len	gth 3'	00:12:57	630	
		202.00	Тар	Factory Active, at 3 o'clo	ock, 4", within 8 inch: NO		00:13:30	631	
		205.30	Тар	Factory Capped, at 9 o'c	clock, 4", within 8 inch: NO		00:14:09	632	
		219.60	Dep	oosits Attached Grease, fr	rom 8 to 4 o'clock, 5 %, within	8 inch: NO	00:14:58	633	M 2
		245.40 <b>F3</b>	Dep	oosits Attached Grease, fr	rom 4 to 8 o'clock, 10 %, withi	n 8 inch: NO,	00:15:56	634	M 2
		245.40 <b>S4</b>	Enc	l í	rom 3 to 9 o'clock, 10 %, withi		00:16:17	635	M 2



#### **Inspection report**

20	Date: 0060608	P.O.# YOTV05		Weather: 1 Dry	Surveyed By: Gilbert Contreras	section n 18		PSF 1001	
	Pipe Length: 283.00	Survey Cus LACDP		System Owner: LACDPW	Clean Date:	Pre-Cle J Jett		Map Gi	id #:
	1:594 p	osition	observati	on			MPEG	photo	grad
		255.00	Fracture N	Aultiple, from 8 to 4 o	'clock, within 8 inch: YES		00:17:15	636	S 4
		256.00	Tap Facto	ory Active, at 3 o'clock	x, 4", within 8 inch: NO		00:17:48	637	
		259.30	Tap Facto	ory Capped, at 9 o'clo	ck, 4", within 8 inch: NO		00:18:23	638	
220	61-0358	262.60 <b>F4</b>	Deposits / End	Attached Grease, fror	n 3 to 9 o'clock, 10 %, within	8 inch: NO,	00:18:52	639	M 2
	$\sim \parallel / /$	262.60 <b>S5</b>		Attached Grease, fror	n 3 to 9 o'clock, 15 %, within	8 inch: NO,	00:19:22	640	M 3
		265.50		vel, 20 %, within 8 inc	h: NO		00:19:49	641	M 2
		282.00 <b>F5</b>	Deposits / End	Attached Grease, fror	n 3 to 9 o'clock, 15 %, within	8 inch: NO,	00:20:29	642	М 3
	//	282.00		vel, 10 %, within 8 inc	h: NO		00:20:52	643	M 2
	\	284.60	Manhole,	within 8 inch: NO, Re	marks: 0358-2261		00:21:27	644	
8	3								

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
4200	322A	8	30	38	4	2.14	2.38
		VOTVOEGO	E 07 092400 Ear W	nCon Bonort mdb	// page: 2		



**Inspection report** Date: P.O.#: Weather: Surveyed By: section number: PSR: 100105 20060605 Y0TV0506E NPS T Glock 1 Dry 894 Total Pipe Length: Survey Customer: System Owner: Clean Date: Pre-Cleaned: Map Grid #: LÁCDPW 2261 194.62 LAM J Jetting Street: WEGMAN DR Flow Control: Start MH: 2261-0416 LAP End MH: 2261-0417 City: Year Renewed Location Code: C Light Highway Tape/Media #: 050 pipe length: 194.62 ft Reason for inspection: F Dia/Height: C 8/8 Material: VCP Pipe Length: 258 Use of Sewer: SS Sanitary Lining Method: Drain. Area: 0416/2261-0417/2261 Category: Remark:: cracks 1:475 MPEG position observation photo grade 0.00 Manhole 00:01:11 2261-0416 0.00 General Observation, Remark: Start, Segment 00:01:15 4.99 Water Level, 5 % of cross sectional area 00:02:09 M 2 4.99 Water Mark, 25 % of cross sectional area 00:02:11 M 2 11.78 Crack Multiple, from 08 to 11 o'clock, within 8 inch: YES 00:02:27 S 3 14.27 Crack Multiple, from 04 to 05 o'clock, within 8 inch: YES 00:02:44 S 3 Crack Multiple, from 09 to 03 o'clock, within 8 inch: YES 00:03:05 20.26 S 3 30.14 Crack Longitudinal, at 03 o'clock, within 8 inch: YES 00:03:26 S 2 33.13 **S1** Crack Multiple, from 08 to 04 o'clock, within 8 inch: YES, start 00:05:10 S 3 77.45 **F1** Crack Multiple, from 08 to 04 o'clock, within 8 inch: YES, end 00.02.18 S 3 83.54 Crack Multiple, from 07 to 10 o'clock, within 8 inch: YES 00:05:40 S 3 101.80 Crack Multiple, from 08 to 04 o'clock, within 8 inch: YES 00:06:15 S 3 110.58 4266a, b Fracture Multiple, from 04 to 08 o'clock, within 8 inch: YES 00:06:46 S 4 159.98 Crack Longitudinal, at 03 o'clock, within 8 inch: YES 00:08:41 S 2 171.86 Crack Multiple, from 03 to 09 o'clock, within 8 inch: YES 00:09:08 S 3 174.36 Crack Multiple, from 07 to 11 o'clock, within 8 inch: YES 00:09:23 S 3 175.55 Tap Factory Made Active, at 10 o'clock, 6", within 8 inch: YES 00:09:35 177.35 Crack Longitudinal, at 03 o'clock, within 8 inch: YES 00:09:47 S 2 S 2 183.24 Crack Longitudinal, at 03 o'clock, within 8 inch: YES 00:10:05 185.93 Crack Multiple, from 08 to 04 o'clock, within 8 inch: YES 00:10:16 S 3 194.62 General Observation, Remark: Materials found- VCP 00:10:52 194.62 General Observation, Remark: End of Segment 00:10:56 2261-0417 194.62 Manhole 00:11:13 OSR OMR SPR MPR OPR SPRI MPRI OPRI 413B 2200 2.86 2.79

Y0TV0560E 97\_082409 For WinCan Report.mdb // page: 1

67

2

4

63



			Inspection	on report				
	Date: 20060602	P.O.#: <b>Y0TV0506E</b>	Weather: 1 Dry	Surveyed By: NPS T Glock	section nun 901	nber:	PSF 1001	
Τc	otal Pipe Length: 269.27	Survey Customer: LACDPW	System Owner: LAM	Clean Date:	Pre-Clean J Jettin		Map Gr <b>226</b>	
Stree	et: MAIN ST		Flow Control: N N	ot Controlled	Start MH:	2261-043	0	
City:	LAP		Year Renewed		End MH:	2261-043	1	
	tion Code: C Light H		Tape/Media #: 046		pipe length:	269.27 ft		
	son for inspection: of Sewer:	F SS Sanitary		Dia/Height: C 8/8 Material: VCP Pip	e Length: 285			
	n. Area:	0430/2261-0431/2261		Lining Method: Category:				
Rem	ark::	cracks						
	1:594 po	osition obs	ervation			MPEG	photo	grade
	_	0.00 Mar	hole			00:01:03		
		0.00 Ger	neral Observation, Remark:	Start, Segment		00:01:19		
	2261-0430	4.99 Wat	ter Level, 1 % of cross sect	ional area		00:01:37		M 2
		<u>4.99</u> Wat	ter Mark, 25 % of cross sec	tional area		00:01:38		M 2
		8.18 Tap	Factory Made Active, at 10	o'clock, 6", within 8 inch: Y	ES	00:02:25		
		<u>11.98</u> Cra	ck Multiple, from 10 to 02 o	clock, within 8 inch: YES		00:02:46		S 3
		20.76 Cra	ck Multiple, from 07 to 11 o	clock, within 8 inch: YES		00:03:16		S 3
		<u>34.93</u> Tap	Factory Made Active, at 02	o'clock, 6", within 8 inch: Y	ES	00:03:45		
	$K \setminus$	35.63 Cra	ck Multiple, from 07 to 05 o	clock, within 8 inch: YES		00:04:11	4098a	S 3
,		<u>64.67</u> Tap	Factory Made Active, at 10	o´clock, 6", within 8 inch: Y	ES	00:05:21		
\$		<u>68.56</u> Cra	ck Multiple, from 08 to 02 o	clock, within 8 inch: YES		00:05:38		S 3
2		<u>97.41</u> Tap	Factory Made Active, at 02	o´clock, 6", within 8 inch: Y	ES	00:06:28		
		<u>108.09</u> Cra	ck Multiple, from 09 to 11 o	clock, within 8 inch: YES		00:07:00		S 3
ſ		110.88 Cra	ck Multiple, from 03 to 04 o	clock, within 8 inch: YES		00:07:13	4103a	S 3
		<u>127.25</u> Tap	Factory Made Active, at 10	o'clock, 6", within 8 inch: Y	ES	00:07:49		
		<u>157.59</u> Tap	Factory Made Active, at 02	o´clock, 6", within 8 inch: Y	ES	00:09:00		
		<u>179.95</u> Fra	cture Multiple, from 04 to 08	o'clock, within 8 inch: YES		00:09:54	4106a	S 4
		<u>185.93</u> Cra	ck Multiple, from 07 to 11 o	clock, within 8 inch: YES		00:10:31		S 3
		<u>187.43</u> Tap	Factory Made Active, at 10	o'clock, 6", within 8 inch: Y	ES	00:10:40		
		<u>191.42</u> Cra	ck Multiple, from 11 to 01 o	clock, within 8 inch: YES		00:11:00		S 3
		214.28 Tap	Factory Made Active, at 02	o'clock, 6", within 8 inch: Y	ES	00:11:51		
		239.43 Cra	ck Multiple, from 03 to 09 o	clock, within 8 inch: YES		00:12:43		S 3
		245.62 Cra	ck Multiple, from 07 to 10 o	clock, within 8 inch: YES		00:13:04		S 3
			Factory Made Active, at 10		EQ	00:13:13		



# Inspection report

	Date: 20060602	P.O.#: <b>Y0TV0506</b>	E	Weather: 1 Dry	Surveyed By: NPS T Glock	section number: 901	PSF 1001	
То	tal Pipe Length: 269.27	Survey Custo LACDPV		System Owner: LAM	Clean Date:	Pre-Cleaned: J Jetting	Map G <b>226</b>	
	1:594 p	oosition	obs	ervation		MPEG	photo	grade
<b>«</b>	-	<u>254.20</u> <b>S1</b>	Crac	ck Multiple, from 07 to 05 o´c	clock, within 8 inch: YES, star	t 00:13:33	4114a	S 3
\$	2261-0431	265.08 F1	Crac	ck Multiple, from 07 to 05 o´c	clock, within 8 inch: YES, end	00:14:10		S 3
*	2201-0431	269.27	Gen	eral Observation, Remark: N	Materials found- VCP	00:14:30		
2		269.27	Gen	eral Observation, Remark: E	End of Segment	00:14:32		
	$\backslash$	269.27	Man	hole		00:14:46		

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
413A	2200	40	4	44	3.08	2	2.93
-		V0TV0560	E 97 082409 Eor Wi	nCan Report mdb	// page: 2		



#### Inspection report Date: P.O.#: Weather: Surveyed By section number: PSR: **Rigo Alvarez** 100155 20060609 Y0TV0506E 1 Dry 411 Total Pipe Length: Survey Customer: System Owner: Clean Date: Pre-Cleaned: Map Grid #: LÁCDPW LACDPW 290.00 J Jetting Street: WICKFORD AV Flow Control: N Not Controlled Start MH: 2261-0341 LAP Year Renewed End MH: 2261-0343 City: Location Code: C Light Highway Tape/Media #: R019 pipe length: 300.6 ft Reason for inspection: **F** Routine Assessment Dia/Height: C Circular 8" Material: VCP Vitrified Clay Pipe Pipe Length: 3.0 Use of Sewer: SS Sanitary Lining Method: Drain. Area: 0341/2261-0343/2261 Category: Remark:: 1:750 MPEG position observation photo grade Manhole, within 8 inch: NO, Remarks: 0341-2261 00:01:09 3523 0.00 9.40 Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO 00:02:00 3524 10.50 Water Level, 5 %, within 8 inch: NO 00.02.19 3525 M 2 2261-0341 13.40 General Observation, within 8 inch: NO, Remarks: Pipe Joint Length 3' 00:02:55 3526 43.60 Roots Fine Joint, from 4 to 5 o'clock, within 8 inch: YES 00:04:22 3527 S 3 43.60 Crack Multiple, from 6 to 9 o'clock, within 8 inch: YES 00:04:50 3528 52.70 Roots Fine Joint, at 4 o'clock, within 8 inch: YES 00:05:35 3529 52.70 Crack Multiple, from 7 to 3 o'clock, within 8 inch: YES 00:06:00 S 3 00:06:51 67.70 Roots Fine Joint, from 8 to 2 o'clock, within 8 inch: YES 3531 73.90 Crack Multiple, from 10 to 4 o'clock, within 8 inch: YES 00:07:36 3532 S 3 75.40 Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO 00:08:01 3533 75.40 Roots Ball Lateral, at 3 o'clock, 55 %, within 8 inch: NO 00.08.58 3534 M 4 103.50 Roots Fine Joint, at 9 o'clock, within 8 inch: YES 00:09:44 3535 123.60 Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO 00:10:41 3536 S 3 124.60 Crack Multiple, from 8 to 10 o'clock, within 8 inch: YES 00:11:24 3537 126.20 Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO 00:11:59 3538 186.30 Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO 00:14:24 3539 Crack Multiple, from 7 to 12 o'clock, within 8 inch: YES 00:15:06 S 3 187.30 3540 188.60 Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO 00:15:41 3541 S 4 198.70 Fracture Multiple, from 12 to 11 o'clock, within 8 inch: YES 00:17:02 3542 00:19:10 245.80 Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO 3543 247.00 Crack Multiple, from 8 to 1 o'clock, within 8 inch: YES 00:20:02 3544 S 3 248.30 Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO 00:20:44 3545 S 2 248.30 Crack Longitudinal, at 11 o'clock, within 8 inch: YES 00:21:11 3546 2261-0343 300.60 Manhole, within 8 inch: NO, Remarks: 0343-2261 00:23:38 3547 OSR OMR SPR MPR OPR SPRI MPRI OPRI 4136 4121 24 6 30 3 3 3



WinCan America, Inc.

1730 Montano Road NE, Suite E Albuquerque, NM 87107 Tel: (505) 341.0109, Fax: (505) 341.0133

				Inspect	ion report				
200	Date: <b>060609</b>	P.O. <b>Y0TV0</b>	506E	Weather: 1 Dry	Surveyed By: Rigo Alvarez	section n 412	2	PS <b>100</b> 1	56
	ipe Length: 83.00	Survey Cu LACD		System Owner: LACDPW	Clean Date:	Pre-Clea J Jett		Map G	rid #:
treet:	WICKF	ORD AV		Flow Control: N	Not Controlled	Start MH:	2261-034	13	
ity:	LAP			Year Renewed		End MH:	2261-034	14	
ocation C	Code: C Ligh	t Highway		Tape/Media #: R	019	pipe length:	276.8 ft		
eason fo	or inspection:	F Routine A	ssessment		-	cular 8"			
se of Se	wer:	SS Sanitary			Material: VCP V Lining Method:	/itrified Clay Pipe	Pipe Length:	3.0	
rain. Are	ea:	0343/2261-0	344/2261		Category:				
emark::									
1	1:675	position	obse	ervation			MPEG	photo	grade
2261	1-0343	0.00 9.30 12.30	Wate	hole, within 8 inch: NO, F er Level, 5 %, within 8 inc eral Observation, within 8		loint Length 3'	00:00:50 00:02:02 00:02:31	3548 3549 3550	M 2
					•				6.2
		12.30			'clock, within 8 inch: YES		00:03:06	3551	S 3
		13.60		Factory Active, at 3 o'clo			00:03:30	3552	
		15.20	Crac	x Multiple, from 10 to 3 o	'clock, within 8 inch: YES		00:04:03	3553	S 3
		16.30	Тар	Factory Active, at 9 o'clo	ck, 6", within 8 inch: NO		00:04:26	3554	
,		33.00	Crac	k Multiple, from 2 to 3 o'c	clock, within 8 inch: YES		00:05:18	3555	S 3
1		60.40	Crac	ck Longitudinal, at 3 o'cloo	ck, within 8 inch: YES		00:06:31	3556	S 2
		61.40	Тар	Factory Active, at 3 o'cloo	ck, 6", within 8 inch: NO		00:06:51	3557	
		70.20	Тар	Factory Active, at 9 o'clo	ck, 6", within 8 inch: NO		00:07:29	3558	
		120.20	Crac	k Multiple, from 2 to 5 o'c	clock, within 8 inch: YES		00:09:37	3559	S 3
		121.40	Тар	Factory Active, at 3 o'clo	ck, 6", within 8 inch: NO		00:09:58	3560	
		127.10	Тар	Factory Active, at 9 o'clo	ck, 6", within 8 inch: NO		00:10:32	3561	
		182.90	Frac	ture Multiple, from 8 to 4	o'clock, within 8 inch: YES		00:13:12	3562	S 4
		184.30	Тар	Factory Active, at 3 o'clo	ck, 6", within 8 inch: NO		00:13:42	3563	
		185.60	Crac	k Multiple, from 7 to 11 o	clock, within 8 inch: YES		00:14:26	3564	S 3
		189.70	Тар	Factory Active, at 9 o'cloo	ck, 6", within 8 inch: NO		00:14:59	3565	
		246.90	Тар	Factory Active, at 9 o'clo	ck, 6", within 8 inch: NO		00:17:15	3566	
		252.90	Тар	Factory Active, at 3 o'cloo	ck, 6", within 8 inch: NO		00:17:51	3567	
2261	1-0344	276.80	Man	hole, within 8 inch: NO, F	Remarks: 0344-2261		00:19:07	3568	
	3	QMR	SPR	MPR	OPR	SPRI	MPRI		OPRI
QSF									



			Inspect	ion report				
Date: 20060612		).#: 0 <b>506E</b>	Weather: 1 Dry	Surveyed By: Rigo Alvarez	section nu 415		PSI 1001	
Total Pipe Len 237.00	igth: Survey C		System Owner: LACDPW	Clean Date:	Pre-Clea J Jetti		Map G	rid #:
treet: R	ADSTOCK AV		Flow Control: N	Not Controlled	Start MH:	2261-034	18	
	AP		Year Renewed		End MH:	2261-034		
	Light Highway			020	pipe length:	250.5 ft		
eason for inspe		Assessment		Dia/Height: C Circ	cular 8"			
se of Sewer:	SS Sanitary	/			/itrified Clay Pipe	Pipe Length:	3.0	
rain. Area:	0347/2261-0	0348/2261		Lining Method: Category:				
emark::								
1:625	position	obs	ervation			MPEG	photo	grade
	7.70 $9.50$ $16.70$ $18.00$ $44.00$ $50.00$ $63.80$ $78.70$ $127.20$ $136.20$	Tap Frac Tap Cra Cra Tap Tap Tap	Factory Active, at 3 o'cloc	o'clock, within 8 inch: YES sk, 6", within 8 inch: NO lock, within 8 inch: YES lock, within 8 inch: YES sk, 6", within 8 inch: NO sk, 6", within 8 inch: NO sk, 6", within 8 inch: NO	Joint Length 3'	00:02:13 00:02:40 00:03:51 00:04:18 00:06:01 00:06:51 00:07:44 00:08:44 00:11:02 00:11:42	3618 3619 3620 3621 3622 3623 3624 3625 3626 3627	S 4 S 3 S 3
	140.30		ck Multiple, from 9 to 2 o'c ck Multiple, from 3 to 4 o'c			00:12:32	3628 3629	S 3 S 3
	189.00	Roc	ots Medium Joint, from 12	to 2 o'clock, 20 %, within 8	inch: YES	00:15:34	3630	
	190.00	Тар	Factory Active, at 3 o'cloc	ck, 6", within 8 inch: NO		00:16:00	3631	
	199.30	Тар	Factory Active, at 9 o'cloc	ck, 6", within 8 inch: NO		00:16:41	3632	
	221.80	Cra	ck Multiple, from 10 to 3 o	clock, within 8 inch: YES		00:18:21	3633	S 3
	247.50	Тар	Factory Active, at 9 o'cloc	ck, 6", within 8 inch: NO		00:19:39	3634	
2261-0347	250.50	Mar	nhole, within 8 inch: NO, R	emarks: 0347-2261		00:20:15	3635	
QSR	QMR	SPR	MPR	OPR	SPRI	MPRI		OPRI
	2100	19	2	21	3.17			



Date:

20060608

Total Pipe Length:

162.98

Reason for inspection:

1:400

Use of Sewer:

Drain. Area:

Remark::

TURK RD

F

position

SS Sanitary

LAP

Location Code: C Light Highway

Street:

City:

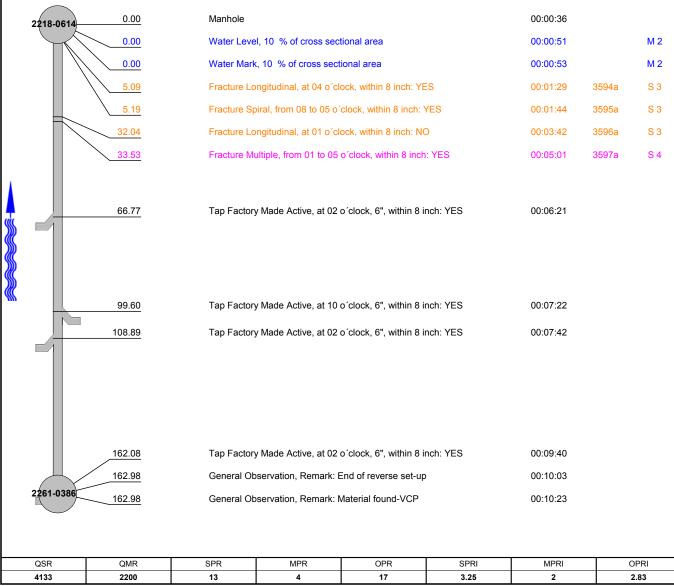
P.O.#:

Y0TV0506E

LÁCDPW

WinCan America, Inc. 1730 Montano Road NE, Suite E Albuquerque, NM 87107

Tel: (505) 341.0109, Fax: (505) 341.0133 **Inspection report** Weather: Surveyed By: section number: PSR: NPS D Solano 24882 1 Dry 722 Survey Customer: System Owner: Clean Date: Pre-Cleaned: Map Grid #: 2261 LAM J Jetting Flow Control: N Not Controlled Start MH: 2218-0614 Year Renewed End MH: 2261-0386 Tape/Media #: 031 pipe length: 162.98 ft Dia/Height: C 8"/8" Material: VCP Pipe Length: 337 ID#24882 Lining Method: 0386/2261-0614/2218 Category: **REVERSE SET-UP** observation MPEG photo grade





Date:

20060608

165.37

1:425

2261-0386

128.15

131.34

138.53

149.11 **S1** 

Street:

City:

Use of Sewer:

Drain. Area:

Remark::

WinCan America, Inc. 1730 Montano Road NE, Suite E Albuquerque, NM 87107

00:06:46

00:07:05

00:07:24

00:07:54

S 2

S 3

S 3

M 3

Tel: (505) 341.0109, Fax: (505) 341.0133 **Inspection report** Weather: P.O.#: Surveyed By: section number: PSR: Y0TV0506E NPS D Solano 24882 1 Dry 707 Total Pipe Length: Survey Customer: System Owner: Clean Date: Pre-Cleaned: Map Grid #: LÁCDPW 2261 LAM J Jetting TURK RD Flow Control: N Not Controlled Start MH: 2261-0386 LAP Year Renewed End MH: 2218-0614 Location Code: C Light Highway Tape/Media #: 031 pipe length: 165.37 ft Dia/Height: Reason for inspection: F C 8/8 Material: VCP Pipe Length: 337 ID#24882 SS Sanitary Lining Method: 0386/2261-0614/2218 Category: SURVEY ABANDONDED-DEBRIS observation MPEG position photo grade 0.00 Manhole 00:00:39 1.50 Water Level, 5 % of cross sectional area 00:00:53 M 2 1.50 Water Mark, 10 % of cross sectional area 00.00.23 M 2 16.37 Crack Longitudinal, at 11 o'clock, within 8 inch: YES 00:01:32 3573a S 2 20.16 Crack Multiple, from 10 to 05 o'clock, within 8 inch: YES 00:02:03 3574a S 3 21.56 Tap Factory Made Active, at 02 o'clock, 6", within 8 inch: YES 00:02:15 Crack Circumferential, from 10 to 02 o'clock, within 8 inch: YES 00.03.01 3576a S 1 35.73 47.51 Tap Factory Made Active, at 02 o'clock, 6", within 8 inch: YES 00:03:32 58.38 Crack Multiple, from 08 to 05 o'clock, within 8 inch: YES 00:04:01 S 3 100.80 Tap Factory Made Active, at 10 o'clock, 6", within 8 inch: YES 00:05:16 118.47 Crack Multiple, from 12 to 05 o'clock, within 8 inch: YES 00:05:56 3580ai S 3 122.26 Crack Longitudinal, at 10 o'clock, within 8 inch: YES 00:06:16 S 2 123.46 Tap Factory Made Active, at 02 o'clock, 6", within 8 inch: YES 00:06:28

	<u>164.97</u> <b>F1</b>	Water Leve	el, Sag in pipe, 40	% of cross sectional a	rea, end	00:10:01		M
	164.97	Obstacles (	Other, 10 % of cros	s sectional area, from	05 to 07 o´clock	00:10:05	3588a	M
	165.37	Survey Aba	andoned, Remark: [	DEBRIS IN INVERT B	LCKING CAM	00:11:24		
QSR	QMR	SPR	MPR	OPR	SPRI	MPRI		OPRI

Crack Longitudinal, at 10 o'clock, within 8 inch: YES

Crack Multiple, from 09 to 02 o'clock, within 8 inch: YES

Crack Multiple, from 09 to 01 o'clock, within 8 inch: YES

Water Level, Sag in pipe, 40 % of cross sectional area, start

2409 For WinCan Report.mdb // page: 1



			Inspecti	on report				
	Date: 20060608	P.O.#: <b>Y0TV0506E</b>	Weather: 1 Dry	Surveyed By: NPS D Solano	section num	nber:	PSR 10328	
T	otal Pipe Length: 270.57	Survey Customer LACDPW	: System Owner: LAM	Clean Date:	Date: Pre-Cleaned: J Jetting		Map Grid #: 2218	
Stre	et: FERRE	RO LN	Flow Control: N N	lot Controlled	Start MH:	2218-061	15	
City:			Year Renewed		End MH:	2218-061		
	ation Code: C Light	: Highway F	Tape/Media #: 031	Dia/Height: C 8/8	pipe length:	270.57 ft	:	
	of Sewer:	۲ SS Sanitary		Material: VCP Pip	e Length: 348	ID#103283		
Drai	n. Area:	0614/2218-0615/221	18	Lining Method: Category:				
Rem	nark::							
	1:561	position	observation			MPEG	photo	grade
		0.00	Manhole			00:00:41		
		0.00	Water Level, 10 % of cross see	ctional area		00:00:53		M 2
	2218-0615	0.00	Water Mark, 20 % of cross sec	ctional area		00:01:00		M 2
		5.49	Tap Factory Made Active, at 02	2 o´clock, 6", within 8 inch: Y	ES	00:01:46		
		5.79	Crack Multiple, from 09 to 05 o	clock, within 8 inch: YES		00:02:13	3454a, b	S 3
	- (1)/(1)	6.79	Fracture Multiple, from 09 to 05	5 o´clock, within 8 inch: YES		00:02:43	3455a, b	S 4
		7.88	Tap Factory Made Active, at 10	) o´clock, 6", within 8 inch: Y	ES	00:03:07		
		18.16	Crack Multiple, from 08 to 04 o	clock, within 8 inch: YES		00:03:37	3457a	S 3
		24.05	Crack Circumferential, from 08	to 03 o'clock, within 8 inch:	YES	00:03:59	3458a	S 1
		25.75	Tap Factory Made Active, at 10	) o´clock, 6", within 8 inch: Y	ES	00:04:18		
		32.94	Crack Circumferential, from 08	to 04 o'clock, within 8 inch:	YES	00:04:51	3460a	S 1
		52.20	Tap Factory Made Active, at 02	2 o´clock, 6", within 8 inch: Y	ES	00:05:36		
\$		<u>68.27</u> <b>S1</b>	Water Level, Sag in pipe, 30 %	6 of cross sectional area, sta	ırt	00:06:16		M 2
		76.05 F1	Water Level, Sag in pipe, 30 %	6 of cross sectional area, en	d	00:06:37		M 2
		79.24	Tap Factory Made Active, at 02	2 o´clock, 6", within 8 inch: Y	ES	00:06:50		
		95.61	Crack Multiple, from 10 to 01 o	clock, within 8 inch: YES		00:07:36		S 3
		119.96	Crack Circumferential, from 12	to 01 o'clock, within 8 inch:	YES	00:08:27		S 1
		<u>125.55</u> <b>S1</b>	Water Level, Sag in pipe, 35 %	6 of cross sectional area, sta	ırt	00:08:43		M 3
		<u>142.72</u> F1	Water Level, Sag in pipe, 35 %	6 of cross sectional area, en	d	00:10:44		М 3
		142.82	Tap Factory Made Capped, at	10 o´clock, 6", within 8 inch:	YES	00:10:58		
		147.01	Crack Longitudinal, at 09 o'cloo	ck, within 8 inch: YES		00:11:15	3470a	S 2
		184.64	Tap Factory Made Active, at 02	2 o´clock, 6", within 8 inch: Y	ES	00:12:36		
		210.09	Crack Longitudinal, at 03 o'cloo	ck, within 8 inch: YES		00:13:34		S 2
		220.86	Tap Factory Made Active, at 02	2 o´clock, 6", within 8 inch: Y	ES	00:14:04		



# Inspection report

	Date: 20060608	-	D.#:         Weather:         Surveyed By:           0506E         1 Dry         NPS D Solano		section number: 526	PSR: 103283		
Тс	otal Pipe Length: 270.57	Survey C LACI		System Owner: LAM	Clean Date:	Pre-Cleaned: J Jetting		
	1:561	oosition	obse	ervation		MPEG	photo	grade
\$		240.53	Crac	k Circumferential, from 12	to 03 o´clock, within 8 inch: YE	S 00:14:53		S 1
) )		258.69	Crac	k Circumferential, from 01	to 02 o´clock, within 8 inch: YE	S 00:15:46		S 1
)	2218-0614	261.98	Crac	k Circumferential, from 12	to 02 o´clock, within 8 inch: YE	S 00:16:00		S 1
		270.57	Gen	eral Observation, Remark:	End of Segment	00:16:34		
		270.57	Gen	eral Observation, Remark:	Material found-VCP	00:16:35		
	$\backslash$	270.57	Man	hole		00:16:49		

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
4133	3324	23	17	40	1.92	2.43	2.11
		VOTVOECO	- 07 000400 Far W	n Con Donort mdb	//		



				Inspect	ion report				
	Date: 20060612	P.O.#: <b>Y0TV0506E</b>		Weather: 1 Dry	Surveyed By: Rigo Alvarez	section nu 416		PS <b>100</b> 1	
Тс	otal Pipe Length: 248.00	Survey Custon LACDPW	ner:	System Owner: LACDPW	Clean Date:	Pre-Clea J Jetti		Map G	rid #:
Stree	et: RADS	TOCK AV	Flov	w Control: N	Not Controlled	Start MH:	2261-034	17	
ity:	LAP		Yea	r Renewed		End MH:	2261-034	16	
oca	tion Code: C Ligh	nt Highway	Тар	e/Media #: R	020	pipe length:	250.6 ft		
eas	son for inspection	F Routine Asses	sment		•	cular 8"			
se	of Sewer:	SS Sanitary			Material: VCP Lining Method:	Vitrified Clay Pipe	Pipe Length:	3.0	
rair	n. Area:	0346/2261-0347/2	2261		Category:				
em	ark::								
	1:625	position	observati	on			MPEG	photo	grade
		8.30 9.40 12.40 58.50 58.50 60.30	Water Lev General C Crack Mul Roots Fin Tap Facto	vel, 5 %, within 8 inc observation, within 8 tiple, from 2 to 4 o'c e Joint, at 4 o'clock, ry Active, at 3 o'cloc	3 inch: NO, Remarks: Pipe clock, within 8 inch: YES , within 8 inch: YES ck, 6", within 8 inch: NO	Joint Length 3'	00:02:14 00:02:37 00:03:19 00:05:27 00:05:47 00:06:11	3637 3638 3639 3640 3641 3642	M 2 S 3
		<u>62.50</u> <u>113.20</u> 117.30	Tap Facto Crack Mul Tap Facto	00:06:41 00:09:11 00:09:45	3643 3644 3645	S 3			
		122.90	Tap Facto	ry Active, at 9 o'clo	ck, 6", within 8 inch: NO		00:10:25	3646	
		130.00		-	0 o'clock, within 8 inch: YE	3	00:11:24	3647	S 4
		157.70 <b>S1</b>			om 10 to 1 o'clock, 5 %, wi		00:13:37	3648	M 2
			Start						141 2
		169.80			o'clock, within 8 inch: YES		00:14:35	3649	
		<u>174.90</u> <b>F1</b>	End		om 10 to 1 o'clock, 5 %, wi		00:15:06	3650	M 2
		195.00	Deposits /	Attached Grease, fr	om 9 to 2 o'clock, 5 %, with	in 8 inch: NO	00:16:44	3651	M 2
		219.00	Crack Lor	igitudinal, at 8 o'clo	ck, within 8 inch: YES		00:18:21	3652	S 2
	2261-0346	250.60	Manhole,	within 8 inch: NO, F	Remarks: 0346-2261		00:20:33	3653	
	QSR	QMR	SPR	MPR	OPR	SPRI	MPRI		OPRI
	4132	2400	12	8	20	3	2		2.5



WinCan America, Inc. 1730 Montano Road NE, Suite E Albuquerque, NM 87107

Date: 20060607 Total Pipe Length 164.00 treet: MAI ity: LAP ocation Code: C Li	LÁCI	ustomer:	Weather: 1 Dry		Surveyed By:	section n		PSF	
Total Pipe Length 164.00 treet: MAI ity: LAP ocation Code: C Li	n: Survey C LACI	ustomer:	,		Gilbert Contrera	ıs 15	9	1001	98
ity: LAP ocation Code: C Li	NST	DPW	System Owne LACDPW	er:	Clean Date:	Pre-Cle J Jet	aned:	Map G	
ocation Code: C Li			Flow Control:	N No	ot Controlled	Start MH:	2261-032	9	
			Year Renewed			End MH:	2261-032	3	
	<u> </u>		Tape/Media #:	G01		pipe length:	96.7 ft		
eason for inspections of Sewer:	SS Sanitary				-	P Vitrified Clay Pipe	Pipe Length:	3.0	
rain. Area:	0323/2261-0				Lining Method: Category:				
emark::									
1:250	position	obse	ervation				MPEG	photo	grade
2261-0329	0.00	Man	hole, within 8 inch: N	NO, Ren	narks: 0329-2261		00:00:49	3841	
	0.00	Wate	er Level, 10 %, withi	n 8 inch	: NO		00:01:09	3842	M 2
	3.20			, from 8	to 4 o'clock, 5 %, with	nin 8 inch: NO,	00:01:34	3843	M 2
	4.70		arks: SILT ture Multiple, from 7	' to 5 o'c	lock, within 8 inch: YE	ES	00:02:09	3844	S 4
	18.30	Тар	Factory Active, at 9	o'clock,	4", within 8 inch: NO		00:02:56	3845	
	20.10	Depo	osits Attached Greas	se, from	4 to 8 o'clock, 5 %, w	ithin 8 inch: NO	00:03:21	3846	M 2
	24.60	Depo	osits Attached Other	r, from 8	to 4 o'clock, 5 %, with	hin 8 inch: NO	00:03:49	3847	M 2
	33.60	Crac	k Multiple, from 3 to	5 o'cloc	ck, within 8 inch: YES		00:04:25	3848	S 3
261.0323	96.70	Mani	hole, within 8 inch: №	NO, Ren	narks: 0323-2261		00:06:39	3849	
2261-0323 QSR 4131	QMR 2400	SPR 7		,	OPR 15	SPRI 3.5	MPRI 2		0PRI 2.5



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				Inspection	on report					
2	Date: 20060607	P.O.#: <b>YOTV050</b>	6E	Weather: 1 Dry	Surveyed By: Gilbert Contreras	section nu 176		PSF 1002		
Total	Pipe Length: 278.00	Survey Custo LACDPV		System Owner: LACDPW	Clean Date:	Pre-Clea J Jett		Map Gr	rid #:	
Street:	LEVERE	TT AV		Flow Control: N N	ot Controlled	Start MH:	2261-032	:1		
City:	LAP			Year Renewed		End MH:	2261-032	:0		
	n Code: C Light H	ighway		Tape/Media #: G01		pipe length:	248.5 ft			
	for inspection:	F Routine Asse	essment		Dia/Height: C Circula Material: VCP Vitr	ar 8" ified Clay Pipe	Pipe Length:	3.0		
Jse of S Drain. A		SS Sanitary 0320/2261-032 <sup>2</sup>	1/2261		Lining Method:		1 0			
Remark		0320/2261-032	1/2201		Category:					
tomant										
	1:561 po	osition	obs	ervation			MPEG	photo	grade	
1	18									
22		0.00	Man	hole, within 8 inch: NO, Rei	narks: 0321-2261		00:00:43	391		
(	$\checkmark$	0.00	Wat	er Level, 10 %, within 8 incl	n: NO		00:01:07	392	M 2	
		0.00	Dep	osits Attached Grease, fron	1 4 to 8 o'clock, 5 %, within 8	inch: NO	00:01:23	393	M 2	
		14.70	Тар	Factory Active, at 9 o'clock	4", within 8 inch: NO		00:02:05	394		
		18.00	Тар	Factory Active, at 3 o'clock	4", within 8 inch: NO		00:02:35	395		
		37.60	Wat	er Level, 20 %, within 8 incl	n: NO		00:03:33	396	M 2	
		45.50	Gen	eral Observation, within 8 ir	nch: NO, Remarks: joint leng	th 5'	00:04:22	397		
		50.30	Wat	er Level, 10 %, within 8 incl	n: NO		00:04:49	398	M 2	
\$		66.80	Тар	Factory Active, at 9 o'clock	4", within 8 inch: NO		00:05:29	399		
\$		69.90	Тар	Factory Active, at 3 o'clock	4", within 8 inch: NO		00:06:01	400		
		74.90	Dep	osits Attached Grease, fron	1 4 to 8 o'clock, 5 %, within 8	inch: NO	00:06:31	401	M 2	
		127.60	Roo	ts Fine Joint, from 3 to 4 o'o	lock, within 8 inch: YES		00:8:10	402		
		139.00	Тар	Factory Active, at 9 o'clock	4", within 8 inch: NO		00:08:50	403		
		142.40	Тар	Factory Active, at 3 o'clock	4", within 8 inch: NO		00:09:21	404		
		<u>167.30</u> <b>S1</b>	Wat	er Level Sag, 30 %, within 8	inch: NO, Start		00:10:21	405	M 2	
		180.20 <b>F1</b>	Wat	er Level Sag, 30 %, within 8	inch: NO, End		00:11:04	406	M 2	
		180.20	Wat	er Level, 15 %, within 8 incl	n: NO		00:11:23	407	M 2	
		191.00	Тар	Factory Active, at 9 o'clock	4", within 8 inch: NO		00:12:00	408		
		194.30	Тар	Factory Active, at 3 o'clock	4", within 8 inch: NO		00:12:32	409		
		220.50	Dep	osits Attached Grease, fron	1 4 to 8 o'clock, 5 %, within 8	inch: NO	00:13:33	410	M 2	
		228.80	\\/ot	er Level, 25 %, within 8 incl			00:14:02	411	M 2	



# Inspection report

	Date: P.O.#: 20060607 YOTV0506E			Weather: 1 Dry	Surveyed By: Gilbert Contreras	section nu 176		PSF 1002	
Т	otal Pipe Length: 278.00			System Owner: LACDPW	Clean Date:	Pre-Clea J Jetti		Map Gri	
	1:561	position	obse	ervation			MPEG	photo	grade
, )		241.90	Depo	osits Attached Grease, fror	n 3 to 5 o'clock, 10 %, within	8 inch: YES	00:14:51	412	M 2
)	2261-0320	245.00	Depo	Deposits Attached Grease, from 8 to 10 o'clock, 15 %, within 8 inch: YES 00:15:32				413	М З
)		245.00	Depo	osits Attached Other, from	7 to 5 o'clock, 10 %, within 8	inch: YES	00:15:55	414	M 2
)	$\backslash$	245.40	Frac	ture Multiple, from 10 to 12	o'clock, within 8 inch: YES		00:16:27	415	S 4
		248.50	Manl	hole, within 8 inch: NO, Re	marks: 0320-2261		00:17:22	416	

			-				
QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
4100	312A	4	27	31	4	2.08	2.21
		VOT /0 500					



WinCan America, Inc. 1730 Montano Road NE, Suite E Albuquerque, NM 87107

			Inspect	ion report	Tel. (50	05) 341.0109, Fax:	(505) 541.013	55
Date: 2006060	9 YC	P.O.#: DTV0506E	Weather: 1 Dry	Surveyed By: Gilbert Contrer	section r		PSF 1001	
Total Pipe Le 90.00	ength: Surve	ey Customer: ACDPW	System Owner: LACDPW	Clean Date:	Pre-Cle J Jet	aned:	Map G	
City:	INOYO ST LAP C Light Highway		Year Renewed	Not Controlled	Start MH: End MH: pipe length:	2261-03 2261-03 93.3 ft		
Reason for insp lse of Sewer: brain. Area: Remark::	SS Sani	ne Assessment itary 61-0356/2261		•	Circular 8" P Vitrified Clay Pipe	e Pipe Length:	5.0	
1:250	position	obse	rvation			MPEG	photo	grade
4 2261-0350	6 0.00	Mant	nole, within 8 inch: NO, F	Remarks: 0356-2261		00:00:43	774	
	7.00		Factory Active, at 9 o'clo			00:04:33	775	
	7.00	Wate	er Level, 10 %, within 8 in	nch: NO		00:04:47	776	M 2
	7.30	Fract	ure Multiple, from 7 to 5	o'clock, within 8 inch: Y	ES	00:05:02	777	S 4
	7.40 S	Start	osits Attached Grease, fr Factory Active, at 3 o'clo			00:05:23 00:05:55	778 779	M 2
	44.80	Tap I	Factory Active, at 9 o'clo	ck, 4", within 8 inch: NO		00:07:03	780	
2261-035	84.80 90.70 <b>3</b> 93.30	1 Depo End	eral Observation, within a psits Attached Grease, fr nole, within 8 inch: NO, F	om 4 to 8 o'clock, 10 %,	-	00:08:30 00:08:51 00:09:18	781 782 783	M 2
4 QSR	QMR	SPR	MPR	OPR	SPRI	MPRI		OPRI
4100	2300	4	6	10	4	2	1	2.5