

PACP TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>				
696648	6/15/09 10:58 am	BERGLUND	00022	4108 COTTAGEHILL RD	LA COSTA RD / MANATEE RD				
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>			
73358	5.79	655.81	61173	0.00	648.27	N			
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>	<u>DVD#1</u>
8.00	CIRC	VCP	335.00	335.00	07/09/1965	SUNNY	CR	HILLRG CHAP-1	
<u>DISTANCE F/T</u>		<u>CODE</u>	<u>DESCRIPTION</u>	<u>SEVERITY</u>	<u>MEAS</u>	<u>POSITION</u>	<u>OBSERVATION COMMENTS</u>		
0.10	0.10	AMH	ACCESS POINT MANHOLE			3 to			
37.00	37.00	RF	ROOTS FINE CONNECTION	01		3 to			
37.00	37.00	TF	TAP FACTORY			7 to			
57.20	57.20	RF	ROOTS FINE	01		9 to			
62.70	62.70	TF	TAP FACTORY			7 to 5			
87.30	87.30	RM	ROOTS MEDIUM	03		9 to 12			
99.20	99.20	RM	ROOTS MEDIUM	03		5 to 7			
110.70	110.70	RF	ROOTS FINE	01		4 to	@ JOINT		
115.60	115.60	RF	ROOTS FINE	01		3 to			
116.50	116.50	TF	TAP FACTORY			3 to			
117.10	117.10	RF	ROOTS FINE	01		3 to			
135.00	145.00	DSF	DEPOSITS SETTLED FINE	03					
136.20	136.20	RF	ROOTS FINE	01					
146.00	146.00	CC	CRACK, CIRCUMFERENTIAL	01	6.00	8 to	AT JOINT		
146.00	146.00	DSZ	DEPOSITS SETTLED OTHER	03			PIECE OF PIPE IN FLOW LINE.		
146.00	146.00	JAM	JOINT, ANGULAR, MEDIUM	01	6.00	8 to			
177.60	177.60	CC	CRACK, CIRCUMFERENTIAL	01		3 to	AT JOINT		
188.30	188.30	TF	TAP FACTORY			3 to			
215.00	215.00	TF	TAP FACTORY			9 to			
219.30	219.30	AMH	ACCESS POINT MANHOLE			3 to			
256.00	256.00	TF	TAP FACTORY			9 to			
293.40	293.40	TF	TAP FACTORY						
319.30	319.30	AMH	ACCESS POINT MANHOLE						

**RECEIVED**

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MSD00001

ATTACHMENT A

# PACP TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>				
696651	6/15/09 11:18 am	BERGLUND	00022	4204 COTTAGEHILL RD	MANATEE RD / COLLINGWOOD RD				
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>			
61173	5.63	648.27	41555	0.00	630.75	N			
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>	
8.00	CIRC	VCP	240.00	240.00	07/09/1965	SUNNY	CR	HILRIG	CHAP-2 <i>DWB#1</i>
DISTANCE F/T	CODE	DESCRIPTION	SEVERITY	MEAS	POSITION	OBSERVATION	COMMENTS		
0.10	0.10	AMH	ACCESS POINT MANHOLE						
13.40	13.40	TF	TAP FACTORY		3 to				
19.50	25.60	BSV	PIPE FLR,BROKEN,SOIL VISIBLE	05			SOIL COMING THROUGH CRACKS.		
19.50	25.60	CM	CRACK, MULTIPLE	03					
19.50	25.60	FM	FRACTURE,MULTIPLE	04					
72.00	72.00	TF	TAP FACTORY		9 to				
76.00	76.00	TF	TAP FACTORY		3 to				
132.40	132.40	TF	TAP FACTORY		9 to				
177.00	177.00	TF	TAP FACTORY		3 to				
220.70	220.70	FC	FRACTURE,CIRCUMFERENTIAL	02	3 to				
225.50	225.50	FC	FRACTURE,CIRCUMFERENTIAL	02	3 to 8				
227.00	227.00	LD	LINE DOWN	01			at drop inlet		
234.00	234.00	AMH	ACCESS POINT MANHOLE						

MSD00002

# PACP TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>			<u>REVERSE SETUP?</u>		
696653	6/15/09 12:49 pm	BERGLUND	00022	4102 COTTAGEHILL RD	LA COSTA RD / MANATEE RD			N		
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>		
61285	5.97	660.93	73358	0.00	655.81	CLOUDY	CR	HILRIG CHAP-3	<i>DVD# 1</i>	
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>SEVERITY</u>	<u>MEAS</u>	<u>POSITION</u>	<u>OBSERVATION COMMENTS</u>	
8.00	CIRC	VCP	160.00	160.00	07/09/1965					
DISTANCE F/T	CODE	DESCRIPTION								
0.10	0.10	AMH	ACCESS POINT MANHOLE					5 to		
23.00	23.00	RF	ROOTS FINE		01			9 to		
32.50	32.50	TF	TAP FACTORY					6 to 12		
33.80	33.80	RM	ROOTS MEDIUM		03			5 to		
47.70	47.70	RM	ROOTS MEDIUM		03			3 to		
53.30	53.30	TF	TAP FACTORY					2 to 5		
54.50	54.50	RM	ROOTS MEDIUM		03			7 to 5		
54.50	54.50	RM	ROOTS MEDIUM		03			3 to 6		
87.30	87.30	RM	ROOTS MEDIUM		03			3 to		
107.20	107.20	TF	TAP FACTORY					8 to 10		
119.00	119.00	RF	ROOTS FINE		01			9 to		
120.00	120.00	TFA	TAP FACTORY MADE ACTIVE					9 to		
121.00	121.00	RF	ROOTS FINE		01			9 to		
152.00	152.00	AMH	ACCESS POINT MANHOLE							

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<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>			
696654	6/15/09 1:06 pm	BERGLUND	00022	4102 COTTAGEHILL RD				
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>		
61285-ST	0.00	0.00	61285	5.97	0.00	Y		
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>
8.00	CIRC	VCP	11.20	11.20	07/09/1965	SUNNY	CR	HILRIG CHAP-4 <i>DND #1</i>
DISTANCE F/T	CODE	DESCRIPTION	SEVERITY	MEAS	POSITION	OBSERVATION	COMMENTS	
0.20	0.20	RB	ROOTS BALL	04			roots at stub.	
1.20	1.20	RB	ROOTS BALL	04	7 to 10			
1.20	1.20	RML	ROOTS MEDIUM LATERAL	03	9 to			
1.20	1.20	TF	TAP FACTORY		9 to			
3.20	3.20	TF	TAP FACTORY		3 to			
11.10	11.10	AMH	ACCESS POINT MANHOLE					

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PACP TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>					
696657	6/15/09 1:26 pm	BERGLUND	00022	4209 COTTAGEHILL RD	MANATEE RD / COLLINGWOOD RD					
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>				
41555	8.40	627.10	41556	0.00	624.40	Y				
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>		
8.00	CIRC	VCP	87.00	87.00	07/09/1965	CLOUDY	IS	HILRIG CHAP-5	<i>DVD #1</i>	
DISTANCE F/T	CODE	DESCRIPTION	SEVERITY	MEAS	POSITION	OBSERVATION	COMMENTS			
3.00	3.00	AMH	ACCESS POINT MANHOLE							
3.00	3.00	DSC	DEPOSITS SETTLED HARD/COMPACTD	03			heavy paper at drop inlet.			
49.50	49.50	TF	TAP FACTORY		3 to					
86.90	86.90	AMH	ACCESS POINT MANHOLE							

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<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>			
696658	6/15/09 1:36 pm	BERGLUND	00022	8906 COLLINGWOOD RD	AT COTTAGEHILL RD			
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEY</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEY</u>	<u>REVERSE SETUP?</u>		
41556	5.00	624.40	41554	0.00	618.42	N		
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>
8.00	CIRC	VCP	193.00	193.00	07/09/1965	CLOUDY	CR	HILRIG CHAP-6 <i>DD#1</i>
DISTANCE F/T	CODE	DESCRIPTION	SEVERITY	MEAS	POSITION	OBSERVATION	COMMENTS	
0.10	0.10	AMH	ACCESS POINT MANHOLE					
84.40	84.40	TF	TAP FACTORY		3 to			
184.50	184.50	AMH	ACCESS POINT MANHOLE					

MSD00006

# PACP TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>			
696659	6/15/09 2:54 pm	BERGLUND	00022	4100 SAMOSET CT	MANATEE RD / END OF ST			
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>		
61286	6.84	667.76	61175	0.00	657.18	N		
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>
8.00	CIRC	VCP	298.00	298.00	07/09/1965	CLOUDY	CR	HILRIG CHAP-7 <i>06/17/1</i>
DISTANCE F/T	CODE	DESCRIPTION	SEVERITY	MEAS	POSITION	OBSERVATION	COMMENTS	
0.10	0.10	AMH	ACCESS POINT MANHOLE					
1.50	1.50	RF	ROOTS FINE	01	9 to 10			
6.00	6.00	RF	ROOTS FINE	01				
13.50	13.50	RF	ROOTS FINE	01	5 to 8			
18.50	18.50	RML	ROOTS MEDIUM LATERAL	03	3 to			
18.50	18.50	TF	TAP FACTORY		3 to			
19.70	19.70	RM	ROOTS MEDIUM	03	12 to 12			
21.80	21.80	RF	ROOTS FINE	01	9 to 10			
22.50	22.50	RMC	ROOTS MEDIUM CONNECTION	03	9 to			
22.50	22.50	TF	TAP FACTORY		9 to			
24.00	24.00	RM	ROOTS MEDIUM	03	4 to 5			
25.60	25.60	RM	ROOTS MEDIUM	03	4 to 5			
35.60	35.60	RM	ROOTS MEDIUM	03	4 to 9			
44.60	44.60	RM	ROOTS MEDIUM	03	3 to 10			
49.30	49.30	RM	ROOTS MEDIUM	03	3 to 9			
53.90	53.90	RM	ROOTS MEDIUM	03	3 to 9			
54.80	54.80	TF	TAP FACTORY		3 to			
56.00	81.00	RM	ROOTS MEDIUM	03	3 to 7			
86.30	86.30	RB	ROOTS BALL	04	12 to 12	camera can not pass.will have line root cut.		
87.00	87.00	RBC	ROOTS BALL CONNECTION	04	9 to			
87.00	87.00	TF	TAP FACTORY		9 to			
93.30	112.30	RF	ROOTS FINE	01				
112.60	112.60	RBC	ROOTS BALL CONNECTION	04	3 to			
112.60	112.60	TF	TAP FACTORY		3 to			
119.00	119.00	RM	ROOTS MEDIUM	03	3 to 9			
123.20	137.00	RF	ROOTS FINE	01	2 to 7			

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157.30	157.30	RBC	ROOTS BALL CONNECTION	04	9 to	
157.30	157.30	TF	TAP FACTORY		9 to	
163.40	163.40	RF	ROOTS FINE	01	5 to 9	
177.40	216.40	RF	ROOTS FINE	01	5 to 9	
216.50	216.50	TF	TAP FACTORY		3 to 9	
217.50	217.50	RF	ROOTS FINE	01		
218.50	218.50	RFC	ROOTS FINE CONNECTION	01	9 to	
218.50	218.50	TF	TAP FACTORY		9 to	
221.50	221.50	RF	ROOTS FINE	01		
259.00	259.00	RM	ROOTS MEDIUM	03	12 to 12	
264.40	264.40	RB	ROOTS BALL	04	9 to 6	
268.50	268.50	MSA	MISC SURVEY ABANDONED			
268.70	268.70	RB	ROOTS BALL	04	12 to 12	can not pass.



# PACP TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>			
696664	6/15/09 3:49 pm	BERGLUND	00072	4111 SAMOSET CT	AT MANATEE RD			
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>		
61175	5.92	657.18	41562	0.00	652.75	N		
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>
8.00	CIRC	VCP	277.00	277.00	07/09/1965	CLOUDY	CR	HILRIG CHAP-8 DWJ#1
DISTANCE F/T	CODE	DESCRIPTION	SEVERITY	MEAS	POSITION	OBSERVATION	COMMENTS	
0.10	0.10	AMH	ACCESS POINT MANHOLE					
9.50	9.50	RM	ROOTS MEDIUM	03	12 to 12			
18.00	18.00	RF	ROOTS FINE	01				
18.80	18.80	RBL	ROOTS BALL LATERAL	04	9 to			
18.80	18.80	TF	TAP FACTORY		9 to			
19.60	24.00	RF	ROOTS FINE	01				
24.50	24.50	RMC	ROOTS MEDIUM CONNECTION	03	3 to			
24.50	24.50	TF	TAP FACTORY		3 to			
35.00	35.00	RF	ROOTS FINE	01				
49.70	49.70	CC	CRACK, CIRCUMFERENTIAL	01	2 to	AT JOINT		
88.00	88.00	TF	TAP FACTORY		9 to	AT JOINT		
96.00	103.40	FM	FRACTURE,MULTIPLE	04				
97.50	97.50	RF	ROOTS FINE	01	3 to			
147.20	147.20	TF	TAP FACTORY		3 to			
168.20	168.20	TF	TAP FACTORY		9 to			
177.80	180.50	CM	CRACK, MULTIPLE	03				
195.80	195.80	TF	TAP FACTORY		3 to			
234.50	248.90	RM	ROOTS MEDIUM	03	1 to 5			
253.90	253.90	RF	ROOTS FINE	01				
259.20	259.20	TF	TAP FACTORY		9 to			
266.00	266.00	AMH	ACCESS POINT MANHOLE					

MSD00009

# PACP TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>					
696665	6/15/09 4:00 pm	BERGLUND	00072	4114 SAMOSET CT	MANATEE RD / END OF ST					
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>				
41562	4.85	652.75	78205	0.00	623.28	N				
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>		
8.00	CIRC	VCP	310.50	310.50	07/09/1965	CLOUDY	EM	HILRIG CHAP-9	<i>DVD# 1</i>	
DISTANCE F/T	CODE	DESCRIPTION	SEVERITY	MEAS	POSITION	OBSERVATION	COMMENTS			
0.10	0.10	AMH	ACCESS POINT MANHOLE							
3.40	3.40	RF	ROOTS FINE	01	4 to 8					
8.20	8.20	RF	ROOTS FINE	01	4 to 8					
12.80	12.80	RB	ROOTS BALL	04	3 to 10	CAN NOT PASS				

MSD00010

# PACP TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>			
696667	6/15/09 4:27 pm	BERGLUND	00071	8910 COLLINGWOOD RD	COTTAGEHILL RD / SAN MARCOS RD			
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>		
78205	7.00	622.20	41560	0.00	619.95	N		
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>
8.00	CIRC	VCP	82.50	82.50	07/09/1965	CLOUDY	EM	HILRIG CHAP10 <i>DW#1</i>

DISTANCE F/T	CODE	DESCRIPTION	SEVERITY	MEAS	POSITION	OBSERVATION COMMENTS
0.10	0.10	AMH ACCESS POINT MANHOLE				
33.30	33.30	IW INFILTRATION, WEEPER	02		12 to 12	
33.30	33.30	RF ROOTS FINE	01		1 to	
42.80	42.80	IW INFILTRATION, WEEPER	02		12 to 12	
42.80	42.80	RF ROOTS FINE	01		1 to	
47.50	47.50	IW INFILTRATION, WEEPER	02		12 to 9	
47.50	47.50	RF ROOTS FINE	01			
66.90	66.90	RM ROOTS MEDIUM	03		3 to 9	
78.60	78.60	AMH ACCESS POINT MANHOLE				

MSD00011

# PACP TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>	<u>REVERSE SETUP?</u>	<u>LOC</u>	<u>MEDIA INFO</u>		
696668	6/15/09 4:51 pm	BERGLUND	00072	8910 COLLINGWOOD RD	EA 90' S	N	EM	HILRIG CHAPII DP#1		
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>WEATHER</u>	<u>SEVERITY</u>	<u>MEAS</u>	<u>POSITION</u>	<u>OBSERVATION COMMENTS</u>
41560	5.00	619.95	41587	0.00	606.30	CLOUDY				
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>					
8.00	CIRC	VCP	150.00	150.00	07/09/1965					
DISTANCE F/T	CODE	DESCRIPTION	SEVERITY	MEAS	POSITION	OBSERVATION COMMENTS				
0.10	0.10	AMH ACCESS POINT MANHOLE			3 to 8					
19.30	19.30	RM ROOTS MEDIUM	03		4 to 8					
38.80	38.80	RM ROOTS MEDIUM	03		4 to 8					
53.30	53.30	RM ROOTS MEDIUM	03		9 to					
78.00	78.00	TF TAP FACTORY			4 to					
79.30	79.30	RF ROOTS FINE	01		3 to					
80.00	80.00	TF TAP FACTORY								
89.90	89.90	RF ROOTS FINE	01							
105.20	105.20	RB ROOTS BALL	04		12 to 12					
110.10	110.10	RM ROOTS MEDIUM	03		2 to 9					
114.70	114.70	RM ROOTS MEDIUM	04		12 to 12					
114.70	114.70	RB ROOTS BALL	03		2 to 7					
124.50	124.50	RM ROOTS MEDIUM	03							
129.20	129.20	ID INFILTRATION,DRIPPER	03		1 to 6					
129.20	129.20	RB ROOTS BALL	04		12 to	HOLE AT 12OOCK.				
131.80	131.80	HVV PIPE FAILURE,HOLE,VOID VISIBLE	05		12 to	COMING FROM THE HOLE AT 12OOCK.				
131.80	131.80	IR INFILTRATION,RUNNER	04		12 to	COMING FROM THE HOLE AT 12OOCK.				
131.80	131.80	RB ROOTS BALL	04		12 to	COMING FROM THE HOLE AT 12OOCK.				
131.80	131.80	RB ROOTS BALL	04		6 to	at drop inlet.				
136.40	136.40	LD LINE DOWN	01							
140.00	140.00	AMH ACCESS POINT MANHOLE								

MSD00012

# PACP TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>			
696669	6/15/09 5:08 pm	BERGLUND	00072	8910 COLLINGWOOD RD	COTTAGEHILL RD / SAN MARCOS RD			
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>		
41561-ST	4.86	623.64	78205	0.00	622.20	Y		
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>
8.00	CIRC	VCP	85.80	85.80	07/09/1965	CLOUDY	CR	HILRIG CHAP12 <i>DVD#1</i>
DISTANCE FTT	CODE	DESCRIPTION	SEVERITY	MEAS	POSITION	OBSERVATION	COMMENTS	
6.30							at the end of stub.	
6.30	RB	ROOTS BALL	04		12 to 12		at the end of stub.	
7.00	RFL	ROOTS FINE LATERAL	01		3 to			
7.00	TF	TAP FACTORY			3 to			
85.70	AMH	ACCESS POINT MANHOLE						

# PACP TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>			
696670	6/15/09 5:21 pm	BERGLUND	00072	8916 COLLINGWOOD RD	COTTAGEHILL RD / SAN MARCOS RD			
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>		
41563	4.82	632.28	78205	0.00	622.20	Y		
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>
8.00	CIRC	VCP	168.00	168.00	07/09/1965	RAIN	CR	HILRIG CHAP13 DVD#1
DISTANCE F/T	CODE	DESCRIPTION	SEVERITY	MEAS	POSITION	OBSERVATION	COMMENTS	
6.30	6.30	AMH	ACCESS POINT MANHOLE					
62.40	62.40	TF	TAP FACTORY		9 to			
111.40	111.40	ID	INFILTRATION,DRIPPER	03				
167.90	167.90	AMH	ACCESS POINT MANHOLE					

PACP TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>					
696671	6/15/09 5:27 pm	BERGLUND	00072	8916 COLLINGWOOD RD						
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEY</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEY</u>	<u>REVERSE SETUP?</u>				
41563-ST	0.00	0.00	41563	0.00	0.00	Y				
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>		
8.00	CIRC	VCP	15.00	15.00	07/09/1965	CLOUDY	CR	HILRIG CHAP14	DND#1	
<u>DISTANCE F/T</u>	<u>CODE</u>	<u>DESCRIPTION</u>	<u>SEVERITY</u>	<u>MEAS</u>	<u>POSITION</u>	<u>OBSERVATION</u>	<u>COMMENTS</u>			
5.50	5.50						at stub.			
6.50	6.50	TF	TAP FACTORY		9 to					
14.90	14.90	AMH	ACCESS POINT MANHOLE							

MSD00015

# PACP TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>			
696672	6/15/09 6:10 pm	BERGLUND	00072	8901 BOLIVAR CT	COLLINGWOOD RD / END OF ST			
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>		
41566	4.86	668.64	41567	0.00	659.10	N		
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>
8.00	CIRC	VCP	180.00	180.00	07/09/1965	RAIN	CR	HILRIG CHAP15 DVD# 1
DISTANCE F/T	CODE	DESCRIPTION	SEVERITY	MEAS	POSITION	OBSERVATION	COMMENTS	
0.10	0.10	AMH	ACCESS POINT MANHOLE					
3.00	3.00	TF	TAP FACTORY		9 to			
5.50	5.50	TF	TAP FACTORY		3 to			
113.00	113.00	RF	ROOTS FINE	01				
124.00	124.00	RBL	ROOTS BALL LATERAL	04	9 to			
124.00	124.00	TF	TAP FACTORY		9 to			
135.80	135.80	MSA	MISC SURVEY ABANDONED				CAN NOT PASS.	
135.80	135.80	RB	ROOTS BALL	04	2 to 8		CAN NOT PASS.	
179.90	179.90						WILL TVI FROM THE DOWN STREAM MH.CAN NOT PASS ROOT BALL FROM SERVICE LINE.	

MSD00016



# PACP TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>				
696677	6/16/09 10:51 am	BERGLUND	00022	4100 SAN MARCOS RD	LA COSTA RD / COLLINGWOOD RD				
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEY</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEY</u>	<u>REVERSE SETUP?</u>			
61287	5.75	673.45	61176	0.00	668.85	N			
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>	
8.00	CIRC	VCP	400.00	400.00	07/09/1965	RAIN	CR	HILRIG	CHAP16 DVD#1
DISTANCE F/T	CODE	DESCRIPTION	SEVERITY	MEAS	POSITION	OBSERVATION COMMENTS			
0.10	0.10	AMH	ACCESS POINT MANHOLE						
0.10	15.00	DSC	DEPOSITS SETTLED HARD/COMPACTD	03					
11.80	11.80	RF	ROOTS FINE	01	4 to 8				
18.90	26.00	RM	ROOTS MEDIUM	03	4 to 8				
26.10	26.10	RB	ROOTS BALL	04	1 to 11				
26.70	26.70	RBL	ROOTS BALL LATERAL	04	3 to 11				
26.70	26.70	TF	TAP FACTORY		3 to 11				
28.50	28.50	RM	ROOTS MEDIUM	03	3 to 9				
33.50	33.50	RBL	ROOTS BALL LATERAL	04	9 to				
33.50	33.50	TF	TAP FACTORY		9 to				
175.50	175.50	TF	TAP FACTORY		3 to				
186.70	186.70	TF	TAP FACTORY		9 to				
188.30	188.30	RF	ROOTS FINE	01	9 to 3				
237.00	237.00	RB	ROOTS BALL	04	3 to 4				
245.70	245.70	RB	ROOTS BALL	04	1 to 11				
250.50	250.50	RM	ROOTS MEDIUM	03	1 to 10				
256.00	279.00	MCU	MISC CAMERA UNDERWATER	04					camera blocked.will have line cut 150ft
260.20	260.20	RM	ROOTS MEDIUM	03	1 to 10				
264.80	264.80	RB	ROOTS BALL	04	1 to 11				
269.50	269.50	RB	ROOTS BALL	04	1 to 11				
279.00	279.00								MOVING TO DOWN STREAM MH.TO COMPLETE TVI
279.60	279.60	RB	ROOTS BALL	04	12 to 12				camera blocked.will have line cut 150ft
322.00	322.00								END OF TVI.CAMERA FLIPED
336.90	336.90	RF	ROOTS FINE	01					
346.70	346.70	RM	ROOTS MEDIUM	03	12 to 6				
356.00	356.00	RM	ROOTS MEDIUM	03	9 to 12				

MSD00017

## PACP TV Inspections for Hill Ridge

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365.80	365.80	RB	ROOTS BALL	04	12 to 12
375.50	375.50	RM	ROOTS MEDIUM	03	12 to 12
380.30	380.30	RM	ROOTS MEDIUM	03	2 to 5
390.00	390.00	RM	ROOTS MEDIUM	03	2 to 5
399.90	399.90	AMH	ACCESS POINT MANHOLE		

MSD00018

PACP TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>				
696678	6/16/09 12:51 pm	BERGLUND	00022	4200 SAN MARCOS RD	LA COSTA RD / COLLINGWOOD RD				
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>			
61176	5.85	668.85	41564	0.00	663.75	N			
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>	
8.00	CIRC	VCP	360.00	360.00	07/09/1965	RAIN	CR	HILRIG	CHAP17 DVD#1
<u>DISTANCE FT</u>	<u>CODE</u>	<u>DESCRIPTION</u>	<u>SEVERITY</u>	<u>MEAS</u>	<u>POSITION</u>	<u>OBSERVATION COMMENTS</u>			
0.10	0.10	AMH	ACCESS POINT MANHOLE						
19.40	19.40	RML	ROOTS MEDIUM LATERAL	03	3 to				
19.40	19.40	TF	TAP FACTORY		3 to				
21.50	21.50	TF	TAP FACTORY		9 to				
172.00	172.00	RFL	ROOTS FINE LATERAL	01	3 to				
172.00	172.00	TF	TAP FACTORY		3 to				
175.50	175.50	TF	TAP FACTORY		9 to				
226.00	226.00	TF	TAP FACTORY		3 to				
253.40	253.40	RB	ROOTS BALL	04	2 to 9				
311.00	311.00	RB	ROOTS BALL	04	12 to 12				
321.50	321.50	TF	TAP FACTORY		3 to				
323.50	323.50	TF	TAP FACTORY		9 to				
335.00	335.00	LD	LINE DOWN	01	6 to	at drop inlet.			
340.00	340.00	AMH	ACCESS POINT MANHOLE						

# PACP TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>			
696679	6/16/09 2:16 pm	BERGLUND	00022	4208 SAN MARCOS RD	LA COSTA RD / COLLINGWOOD RD			
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>		
41564	7.82	661.58	41577	0.00	653.20	N		
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>
8.00	CIRC	VCP	250.00	250.00	07/09/1965	RAIN	CR	HILRIG CHAP18 <i>DVD#1</i>
DISTANCE F/T	CODE	DESCRIPTION	SEVERITY	MEAS	POSITION	OBSERVATION	COMMENTS	
0.10	0.10	AMH	ACCESS POINT MANHOLE					
59.00	59.00	TF	TAP FACTORY		3 to			
133.30	133.30	TF	TAP FACTORY		9 to			
135.00	135.00	TF	TAP FACTORY		3 to			
187.20	194.00	MCU	MISC CAMERA UNDERWATER	04				
194.10	194.10	RB	ROOTS BALL	04	12 to 12		main sewer is blocked.	
198.80	198.80	RM	ROOTS MEDIUM	03	12 to 12			
203.00	203.00						camera flipped.will finish tvi from the down stream mh.	
203.80	203.80	RM	ROOTS MEDIUM	03	12 to 12			
206.00	220.00	RM	ROOTS MEDIUM	03	1 to 10		END OF TVI.	
225.20	225.20	RBC	ROOTS BALL CONNECTION	04	9 to 12			
225.20	225.20	TF	TAP FACTORY		9 to 12			
226.20	226.20	RM	ROOTS MEDIUM	03	12 to 12			
231.40	231.40	RF	ROOTS FINE	01	9 to 10			
242.00	242.00	TF	TAP FACTORY		3 to			
249.90	249.90	AMH	ACCESS POINT MANHOLE					

# PACP TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>			
696681	6/16/09 2:29 pm	BERGLUND	00022	9005 COLLINGWOOD RD	* LA COSTA RD / COLLINGWOOD RD			
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>		
41577	4.80	653.20	41576	0.00	627.85	N		
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>
8.00	CIRC	VCP	260.00	260.00	07/09/1965	CLOUDY	CR	HILRIG CHAP19 <i>DVD# 1</i>
DISTANCE F/T	CODE	DESCRIPTION	SEVERITY	MEAS	POSITION	OBSERVATION	COMMENTS	
0.10	0.10	AMH	ACCESS POINT MANHOLE					
44.30	44.30	JSM	JOINT,SEPARATED(OPEN),MEDIUM	01				
49.20	49.20	JSM	JOINT,SEPARATED(OPEN),MEDIUM	01				
60.00	60.00	TF	TAP FACTORY		3 to			
175.60	175.60	FL	FRACTURE,LONGITUDINAL	03	8.00	12 to		
185.90	185.90	FC	FRACTURE,CIRCUMFERENTIAL	02	8.00			
244.20	244.20	TF	TAP FACTORY		8.00	3 to		
252.00	252.00	AMH	ACCESS POINT MANHOLE		8.00			

# PACP TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>					
696682	6/16/09 2:42 pm	BERGLUND	00022	4316 SAN MARCOS RD	COLLINGWOOD RD / WATTERSON TR					
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEY</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEY</u>	<u>REVERSE SETUP?</u>				
41576	5.45	627.85	41582	0.00	614.20	N				
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>		
8.00	CIRC	VCP	130.00	130.00	07/09/1965	CLOUDY	CR	HILRIG	CHAP-1	DVD#2
<u>DISTANCE F/T</u>		<u>CODE</u>	<u>DESCRIPTION</u>	<u>SEVERITY</u>	<u>MEAS</u>	<u>POSITION</u>	<u>OBSERVATION COMMENTS</u>			
0.10	0.10	AMH	ACCESS POINT MANHOLE							
101.70	101.70	CC	CRACK, CIRCUMFERENTIAL	01		7 to 5				
129.20	129.20	AMH	ACCESS POINT MANHOLE							

MSD00022

# PACP TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>				
696683	6/16/09 3:17 pm	BERGLUND	00022	9010 COLLINGWOOD RD	BOLIVAR CT / SAN MARCOS RD				
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>			
41575	5.67	663.93	41567	0.00	659.10	N			
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>	
8.00	CIRC	VCP	247.50	247.50	07/09/1965	CLOUDY	CR	HILRIG	CHAP-2 DVD#2
DISTANCE F/T	CODE	DESCRIPTION	SEVERITY	MEAS	POSITION	OBSERVATION	COMMENTS		
0.10	0.10	AMH	ACCESS POINT MANHOLE						
12.20	12.20	RM	ROOTS MEDIUM	03	8 to 11				
13.50	13.50	RMC	ROOTS MEDIUM CONNECTION	03	9 to				
13.50	13.50	TF	TAP FACTORY		9 to				
23.70	23.70	FC	FRACTURE,CIRCUMFERENTIAL	02	11 to 6				
111.00	111.00	TF	TAP FACTORY		9 to				
145.20	145.20	JOM	JOINT,OFFSET(DISPLACED),MEDIUM	01	0.25				
145.20	145.20	RB	ROOTS BALL	04	6 to 11				
241.40	241.40	AMH	ACCESS POINT MANHOLE						

MSD00023

# PACP TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>	<u>REVERSE SETUP?</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>
696685	6/16/09 3:25 pm	BERGLUND	00022	9016 COLLINGWOOD RD	AT BOLIVAR CT		CLOUDY	CR	HILRIG CHAP-3 DVD#12..
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>				
41567	4.70	659.10	41568	0.00	656.10				
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>SEVERITY</u>	<u>MEAS</u>	<u>POSITION</u>	<u>OBSERVATION COMMENTS</u>
8.00	CIRC	VCP	79.00	79.00	07/09/1965				
0.10	0.10	AMH	ACCESS POINT MANHOLE					12 to 3	
43.70	43.70	FC	FRACTURE.CIRCUMFERENTIAL		02				
79.00	79.00	AMH	ACCESS POINT MANHOLE						

MSD00024



PACP TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>					
696686	6/16/09 3:55 pm	BERGLUND	00022	9100 COLLINGWOOD RD	BOLIVAR CT / EL MORRO CT					
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEY</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEY</u>	<u>REVERSE SETUP?</u>				
41568	7.84	653.46	41569	0.00	646.86	N				
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>		
8.00	CIRC	VCP	143.00	143.00	07/09/1965	CLOUDY	EM	HILRIG	CHAP-4	DVD#2
<u>DISTANCE F/T</u>		<u>CODE</u>	<u>DESCRIPTION</u>	<u>SEVERITY</u>	<u>MEAS</u>	<u>POSITION</u>	<u>OBSERVATION COMMENTS</u>			
0.10	0.10	AMH	ACCESS POINT MANHOLE							
27.60	27.60	RF	ROOTS FINE	01		2 to 4				
37.20	37.20	RF	ROOTS FINE	01		7 to 9				
70.40	70.40	RF	ROOTS FINE	01		9 to 5				
81.00	81.00	TF	TAP FACTORY			3 to				
97.00	97.00	TF	TAP FACTORY			9 to				
131.80	131.80	RF	ROOTS FINE	01						
143.00	143.00	AMH	ACCESS POINT MANHOLE							

MSD00025

# PACP TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>				
696687	6/16/09 3:28 pm	BERGLUND	00022	9010 COLLINGWOOD RD					
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>			
41575-ST	0.00	0.00	41575	0.00	0.00	Y			
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>	
8.00	CIRC	VCP	5.00	5.00	07/09/1965	CLOUDY	CR		
<u>DISTANCE F/T</u>	<u>CODE</u>	<u>DESCRIPTION</u>	<u>SEVERITY</u>	<u>MEAS</u>	<u>POSITION</u>	<u>OBSERVATION</u>	<u>COMMENTS</u>		
0.50	0.50						AT STUB		
4.90	4.90	AMH	ACCESS POINT MANHOLE						

MSD00026

# PACP TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>	<u>REVERSE SETUP?</u>	<u>MEDIA INFO</u>		
696688	6/16/09 4:44 pm	BERGLUND	00022	9108 COLLINGWOOD RD	AT EL MORRO CT	Y	HILRIG	CHAP-5	DVD#2
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>WEATHER</u>	<u>LOC</u>		
61172	8.18	658.42	41568	0.00	653.46	CLOUDY	CR		
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>SEVERITY</u>	<u>MEAS</u>	<u>POSITION</u>	<u>OBSERVATION COMMENTS</u>
8.00	CIRC	VCP	340.00	340.00	07/09/1965				
DISTANCE F/T	CODE	DESCRIPTION							
0.10	0.10	AMH	ACCESS POINT MANHOLE					9 to	
42.70	42.70	TF	TAP FACTORY					9 to	
155.00	155.00	TF	TAP FACTORY					11 to 8	
160.80	160.80	RM	ROOTS MEDIUM			03		2 to 6	
166.10	166.10	RM	ROOTS MEDIUM			03			
170.70	170.70	RF	ROOTS FINE			01			camera can not pass.
189.50	189.50	MSA	MISC SURVEY ABANDONED					12 to 12	camera can not pass.
189.50	189.50	RB	ROOTS BALL			04			CAN NOT PASS ROOT BALL WILL GO TO UO
244.90	244.90	MGO	MISC GENERAL OBSERVATION						STREAM MH.AND FINISH TVI.
245.00	245.00	RB	ROOTS BALL			04		5 to 9	
245.00	245.00	TF	TAP FACTORY					9 to	
246.20	246.20	RML	ROOTS MEDIUM LATERAL			03		3 to	
246.20	246.20	TF	TAP FACTORY					3 to	
246.70	246.70	RM	ROOTS MEDIUM			03		3 to 5	
339.90	339.90	AMH	ACCESS POINT MANHOLE						

MSD00027

PACP TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>			
696690	6/16/09 5:12 pm	BERGLUND	00022	4100 SAN MARCOS RD				
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>		
61287-ST	0.00	0.00	61287	5.75	0.00	Y		
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>
8.00	CIRC	VCP	7.60	7.60	07/09/1965	RAIN	CR	HILRIG CHAP DVD#1
<u>DISTANCE F/T</u>	<u>CODE</u>	<u>DESCRIPTION</u>	<u>SEVERITY</u>	<u>MEAS</u>	<u>POSITION</u>	<u>OBSERVATION</u>	<u>COMMENTS</u>	
0.10	0.10						at stub.no service lines.	
7.50	7.50	AMH	ACCESS POINT MANHOLE					

MSD00028

PACP TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>			
696691	6/17/09 9:29 am	BERGLUND	00022	8900 EL MORRO CT	COLLINGWOOD RD / END OF ST			
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>		
41565	5.85	670.95	61172	0.00	658.90	Y		
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>
8.00	CIRC	VCP	246.00	246.00	07/09/1965	SUNY	CR	HILRIG CHAP-6 DVD#2
<u>DISTANCE F/T</u>	<u>CODE</u>	<u>DESCRIPTION</u>	<u>SEVERITY</u>	<u>MEAS</u>	<u>POSITION</u>	<u>OBSERVATION</u>	<u>COMMENTS</u>	
8.50	8.50	AMH	ACCESS POINT MANHOLE					
121.30	121.30	TF	TAP FACTORY			9 to		
123.00	123.00	TF	TAP FACTORY			3 to		
208.50	208.50	TF	TAP FACTORY			9 to		
216.80	216.80	RML	ROOTS MEDIUM LATERAL	03		3 to		
216.80	216.80	TF	TAP FACTORY			3 to		
245.90	245.90	AMH	ACCESS POINT MANHOLE					

# PACP TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>				
696692	6/17/09 9:38 am	BERGLUND	00022	8900 EL MORRO CT	COLLINGWOOD RD / END OF ST				
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>			
41565-ST	0.00	671.08	41565	0.00	670.95	Y			
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>	
8.00	CIRC	VCP	25.00	25.00	07/09/1965	SUNNY	CR	HILRIG	CHAP-7 DVD#2
DISTANCE F/T	CODE	DESCRIPTION	SEVERITY	MEAS	POSITION	OBSERVATION	COMMENTS		
6.40	6.40						at stub of line.		
6.40	6.40	RM	ROOTS MEDIUM	03	12 to 12				
7.20	7.20	RML	ROOTS MEDIUM LATERAL	03	9 to				
7.20	7.20	TF	TAP FACTORY		9 to				
9.30	9.30	RFL	ROOTS FINE LATERAL	01	3 to				
9.30	9.30	TF	TAP FACTORY		3 to				
15.70	15.70	RF	ROOTS FINE	01	3 to 5				
16.00	16.00	TF	TAP FACTORY		3 to				
17.70	17.70	RF	ROOTS FINE	01	10 to 11				
18.00	18.00	TF	TAP FACTORY		9 to				
24.90	24.90	AMH	ACCESS POINT MANHOLE						

MSD00030

PACP TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>				
696693	6/17/09 9:59 am	BERGLUND	00022	9201 COLLINGWOOD RD	AT DEL CRISTO DR				
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>			
61177	6.21	672.59	61172	0.00	658.92	Y			
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>	
8.00	CIRC	VCP	316.00	316.00	07/09/1965	SUNNY	CR	HILRIG	CHAP-8 DVD#2
<u>DISTANCE F/T</u>	<u>CODE</u>	<u>DESCRIPTION</u>	<u>SEVERITY</u>	<u>MEAS</u>	<u>POSITION</u>	<u>OBSERVATION</u>	<u>COMMENTS</u>		
8.90	8.90	AMH	ACCESS POINT MANHOLE						
47.00	47.00	RMC	ROOTS MEDIUM CONNECTION	03		3 to			
47.00	47.00	TF	TAP FACTORY			3 to			
48.60	48.60	JOM	JOINT,OFFSET(DISPLACED),MEDIUM	01					
77.50	77.50	RM	ROOTS MEDIUM	03		12 to 9			
212.00	212.00	TFA	TAP FACTORY MADE ACTIVE			3 to			
213.50	213.50	JOM	JOINT,OFFSET(DISPLACED),MEDIUM	01					
315.90	315.90	AMH	ACCESS POINT MANHOLE						

MSD00031

# PACP TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>			
696694	6/17/09 10:29 am	BERGLUND	00022	8900 DEL CRISTO DR	COLLINGWOOD RD / END OF ST			
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>		
61300	5.63	674.47	61177	0.00	673.09	Y		
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>
8.00	CIRC	VCP	273.00	273.00	07/09/1965	SUNNY	CR	HILRIG CHAP-9 DVD#92
DISTANCE F/T	CODE	DESCRIPTION	SEVERITY	MEAS	POSITION	OBSERVATION	COMMENTS	
8.60	8.60	AMH	ACCESS POINT MANHOLE					
14.20	14.20	RF	ROOTS FINE	01	1 to 6			
18.90	18.90	RM	ROOTS MEDIUM	03	12 to 12			
24.40	24.40	RFC	ROOTS FINE CONNECTION	01	3 to			
24.40	24.40	TF	TAP FACTORY		3 to			
26.00	26.00	TF	TAP FACTORY		9 to			
114.00	114.00	TFA	TAP FACTORY MADE ACTIVE		9 to			
116.50	116.50	TF	TAP FACTORY		3 to			
186.20	186.20	TF	TAP FACTORY		3 to			
187.80	187.80	TF	TAP FACTORY		9 to			
272.90	272.90	AMH	ACCESS POINT MANHOLE					

MSD00032



PACP TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>			
696695	6/17/09 10:36 am	BERGLUND	00022	8900 DEL CRISTO DR	COLLINGWOOD RD / END OF ST			
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>		
61300-ST	0.00	674.59	61300	0.00	674.47	Y		
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>
8.00	CIRC	VCP	48.00	48.00	07/09/1965	SUNNY	CR	HILRIG CHAP10 DVD#2
<u>DISTANCE F/T</u>	<u>CODE</u>	<u>DESCRIPTION</u>	<u>SEVERITY</u>	<u>MEAS</u>	<u>POSITION</u>	<u>OBSERVATION COMMENTS</u>		
1.00	1.00	TF TAP FACTORY				at end of stub.		
6.70	6.70	JOL JOINT.OFFSET(DISPLACED),LARGE	02					
25.70	25.70	RF ROOTS FINE	01		12 to			
40.80	40.80	RML ROOTS MEDIUM LATERAL	03		9 to			
40.80	40.80	TF TAP FACTORY			9 to			
42.50	42.50	RML ROOTS MEDIUM LATERAL	03		3 to			
42.50	42.50	TF TAP FACTORY			3 to			
47.90	47.90	AMH ACCESS POINT MANHOLE						

# PACP TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>				
696696	6/17/09 11:02 am	BERGLUND	00022	9208 COLLINGWOOD RD	LA COSTA RD / DEL CRISTO DR				
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>			
61301	6.21	680.09	61177	0.00	672.59	Y			
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>	
8.00	CIRC	VCP	396.00	396.00	07/09/1965	SUNNY	CR	HILRIG	CHAPII DVD#2
<u>DISTANCE FT</u>		<u>CODE</u>	<u>DESCRIPTION</u>	<u>SEVERITY</u>	<u>MEAS</u>	<u>POSITION</u>	<u>OBSERVATION COMMENTS</u>		
12.40	12.40	AMH	ACCESS POINT MANHOLE			3 to			
53.80	53.80	RFL	ROOTS FINE LATERAL	01		3 to			
53.80	53.80	TF	TAP FACTORY						
55.40	55.40	RF	ROOTS FINE	01		9 to			
94.00	94.00	TF	TAP FACTORY						
95.00	95.00	JOM	JOINT,OFFSET(DISPLACED),MEDIUM	01		3 to			
211.50	211.50	TF	TAP FACTORY			9 to			
218.50	218.50	TF	TAP FACTORY			4 to 6			
253.50	253.50	RF	ROOTS FINE	01		3 to			
302.20	302.20	RFL	ROOTS FINE LATERAL	01		3 to			
302.20	302.20	TF	TAP FACTORY			4 to 6			
366.00	366.00	RF	ROOTS FINE	01		2 to 10			
370.80	370.80	RM	ROOTS MEDIUM	03		8 to 10			
385.00	385.00	RF	ROOTS FINE	01					
395.90	395.90	AMH	ACCESS POINT MANHOLE						

MSD00034

# PACP TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>					
696698	6/17/09 11:07 am	BERGLUND	00022	9208 COLLINGWOOD RD						
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>				
61301-ST	0.00	0.00	61301	6.21	0.00	Y				
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>		
8.00	CIRC	VCP	4.60	4.60	07/09/1965	SUNNY	CR	HILRIG	CHAP12	DVD#2
<u>DISTANCE F/T</u>		<u>CODE</u>	<u>DESCRIPTION</u>	<u>SEVERITY</u>	<u>MEAS</u>	<u>POSITION</u>	<u>OBSERVATION COMMENTS</u>			
0.10	0.10						at stub if line.			
1.10	1.10	TF	TAP FACTORY			9 to				
4.50	4.50	AMH	ACCESS POINT MANHOLE							

# PACP TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>				
696701	6/17/09 12:36 pm	BERGLUND	00022	3915 SAN MARCOS RD	LARGO CT / LA COSTA RD				
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>			
61289	7.69	653.32	61290	0.00	649.53	Y			
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>	
8.00	CIRC	VCP	100.00	100.00	07/09/1965	SUNNY	CR	HILRIG	CHAP13 DVD#2
<u>DISTANCE F/T</u>	<u>CODE</u>	<u>DESCRIPTION</u>		<u>SEVERITY</u>	<u>MEAS</u>	<u>POSITION</u>	<u>OBSERVATION COMMENTS</u>		
4.00	4.00	AMH	ACCESS POINT MANHOLE						
99.90	99.90	AMH	ACCESS POINT MANHOLE						

MSD00036

# PACP TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>			
696702	6/17/09 12:49 pm	BERGLUND	00022	4004 SAN MARCOS RD	LA COSTA RD / COLLINGWOOD RD			
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>		
61288	6.39	670.81	61289	0.00	653.32	Y		
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>
8.00	CIRC	VCP	263.00	263.00	07/09/1965	SUNNY	CR	HILRIG CHAP14 DVD#2
DISTANCE F/T	CODE	DESCRIPTION	SEVERITY	MEAS	POSITION	OBSERVATION	COMMENTS	
10.00	10.00	AMH	ACCESS POINT MANHOLE					
34.60	34.60	RF	ROOTS FINE	01	11 to			
44.30	44.30	RF	ROOTS FINE	01	7 to 10			
45.00	45.00	RBL	ROOTS BALL LATERAL	04	9 to			
45.00	45.00	TFA	TAP FACTORY MADE ACTIVE		9 to			
46.20	46.20	RF	ROOTS FINE	01	5 to			
46.80	46.80	RBL	ROOTS BALL LATERAL	04	3 to			
46.80	46.80	TF	TAP FACTORY		3 to			
125.30	125.30	TF	TAP FACTORY		3 to			
127.00	127.00	TF	TAP FACTORY		9 to			
262.90	262.90	AMH	ACCESS POINT MANHOLE					

PACP TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>			
696703	6/17/09 12:54 pm	BERGLUND	00022	4004 SAN MARCOS RD				
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>		
61288-ST	0.00	0.00	61288	0.00	0.00	Y		
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>
8.00	CIRC	VCP	10.00	10.00	07/09/1965	SUNNY	CR	HILRIG CHAP15 DVD#2
<u>DISTANCE F/T</u>	<u>CODE</u>	<u>DESCRIPTION</u>	<u>SEVERITY</u>	<u>MEAS</u>	<u>POSITION</u>	<u>OBSERVATION COMMENTS</u>		
2.50						at stub.		
3.30	TF	TAP FACTORY			9 to			
5.20	TF	TAP FACTORY			3 to			
9.90	AMH	ACCESS POINT MANHOLE						

# PACP TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>			
696704	6/17/09 1:50 pm	BERGLUND	00022	4007 LA COSTA CT	LA COSTA RD / END OF ST			
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>		
61299	5.61	670.59	61297	0.00	662.34	Y		
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>
8.00	CIRC	VCP	266.00	266.00	07/09/1965	SUNNY	CR	HILRIG CHAP16 DVD#2
DISTANCE F/T	CODE	DESCRIPTION	SEVERITY	MEAS	POSITION	OBSERVATION	COMMENTS	
11.00	11.00	AMH	ACCESS POINT MANHOLE					
28.50	28.50	TF	TAP FACTORY		9 to			
64.50	64.50	TF	TAP FACTORY		3 to 12			
89.80	89.80	RM	ROOTS MEDIUM	03	12 to 12			
95.00	95.00	RB	ROOTS BALL	04	12 to 12	has main stoped up.		
95.50	95.50	RBL	ROOTS BALL LATERAL	04	9 to			
95.50	95.50	TF	TAP FACTORY		9 to			
96.80	96.80	RM	ROOTS MEDIUM	03	12 to 12			
101.70	101.70	RM	ROOTS MEDIUM	03	12 to 12			
145.70	145.70	TF	TAP FACTORY		3 to			
224.70	224.70	TF	TAP FACTORY		3 to			
265.90	265.90	AMH	ACCESS POINT MANHOLE					

MSD00039

# PACP TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>			
696705	6/17/09 1:56 pm	BERGLUND	00022	4007 LA COSTA CT				
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>		
61299-ST	0.00	0.00	61299	5.61	0.00	Y		
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>
8.00	CIRC	VCP	31.50	31.50	07/09/1965	SUNNY	CR	HILRIG CHAP 17 DVD#2
<u>DISTANCE F/T</u>	<u>CODE</u>	<u>DESCRIPTION</u>	<u>SEVERITY</u>	<u>MEAS</u>	<u>POSITION</u>	<u>OBSERVATION</u>	<u>COMMENTS</u>	
2.50	2.50	TF	TAP FACTORY				in end of stub.	
7.50	7.50	TF	TAP FACTORY		3 to			
31.40	31.40	AMH	ACCESS POINT MANHOLE					

MSD00040



PACP TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>			
696710	6/17/09 2:10 pm	BERGLUND	00022	8926 LA COSTA RD	LA COSTA CT / COLLINGWOOD RD			
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>		
61298	7.03	666.17	61297	0.00	662.34	Y		
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>
8.00	CIRC	VCP	225.00	225.00	07/09/1965	CLOUDY	IS	HILRIG CHAP18 DVD#2
<u>DISTANCE F/T</u>	<u>CODE</u>	<u>DESCRIPTION</u>	<u>SEVERITY</u>	<u>MEAS</u>	<u>POSITION</u>	<u>OBSERVATION</u>	<u>COMMENTS</u>	
9.80	9.80	AMH	ACCESS POINT MANHOLE					
85.30	85.30	TF	TAP FACTORY			3 to		
174.20	174.20	TFA	TAP FACTORY MADE ACTIVE			3 to		
224.90	224.90	AMH	ACCESS POINT MANHOLE					

MSD00041

# PACP TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>					
696711	6/17/09 2:15 pm	BERGLUND	00022	8926 LA COSTA RD						
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>				
61298-ST	0.00	0.00	61298	7.03	0.00	Y				
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>		
8.00	CIRC	VCP	15.70	15.70	07/09/1965	SUNNY	IS	HILRIG	CHAP19	DVD#2
<u>DISTANCE F/T</u>	<u>CODE</u>	<u>DESCRIPTION</u>	<u>SEVERITY</u>	<u>MEAS</u>	<u>POSITION</u>	<u>OBSERVATION COMMENTS</u>				
1.70	1.70					at stub of line.				
2.20	2.20	TF	TAP FACTORY		3 to					
15.60	15.60	AMH	ACCESS POINT MANHOLE							

MSD00042

# PACP TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>			
696712	6/17/09 3:07 pm	BERGLUND	00022	8920 LA COSTA RD	AT LA COSTA CT			
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>		
61297	5.66	662.34	61296	0.00	657.53	N		
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>
8.00	CIRC	VCP	163.00	163.00	07/09/1965	SUNNY	EM	HILRIG CHAP20 DVD#Z <i>NO VIDEO</i>
DISTANCE F/T	CODE	DESCRIPTION	SEVERITY	MEAS	POSITION	OBSERVATION COMMENTS		
0.10	0.10	AMH	ACCESS POINT MANHOLE					
34.20	34.20	RF	ROOTS FINE	01	3 to 5			
77.60	77.60	RM	ROOTS MEDIUM	03	3 to 9			
87.00	87.00	RB	ROOTS BALL	04	2 to 11	CAN NOT PASS.WILL HAVE LINE ROOT CUT.		
88.10	116.00	RM	ROOTS MEDIUM	03	7 to 2			
126.90	126.90	MCU	MISC CAMERA UNDERWATER	04				
141.00	141.00	RB	ROOTS BALL	04	12 to 12			
161.00	161.00	RB	ROOTS BALL	04	12 to 12			
162.00	162.00	AMH	ACCESS POINT MANHOLE					

MSD00043

PACP TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>			
696715	6/17/09 3:41 pm	BERGLUND	00022	3902 SAN MARCOS RD	LETHBOROUGH DR / LARGO CT			
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>		
61292	5.80	665.60	61291	0.00	652.06	N		
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>
8.00	CIRC	VCP	251.00	251.00	07/09/1965	SUNNY	CR	HILRIG CHAP20 DVD#2
DISTANCE F/T	CODE	DESCRIPTION	SEVERITY	MEAS	POSITION	OBSERVATION	COMMENTS	
0.10	0.10	AMH	ACCESS POINT MANHOLE					
7.00	7.00	RF	ROOTS FINE	01				
18.50	18.50	RM	ROOTS MEDIUM	03	11 to 1			
24.00	24.00	RML	ROOTS MEDIUM LATERAL	03	2 to			
24.00	24.00	TF	TAP FACTORY		2 to			
25.00	25.00	RM	ROOTS MEDIUM	03	9 to 11			
25.50	25.50	TF	TAP FACTORY		9 to			
45.80	45.80	CC	CRACK, CIRCUMFERENTIAL	01	5 to 11			
99.00	99.00	TF	TAP FACTORY		9 to			
177.00	177.00	TF	TAP FACTORY		9 to			
178.70	178.70	TF	TAP FACTORY		3 to			
247.70	247.70	AMH	ACCESS POINT MANHOLE					

MSD00044

# PACP TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>			
696716	6/17/09 4:05 pm	BERGLUND	00022	3910 SAN MARCOS RD	LARGO CT / LA COSTA RD			
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>		
61291	6.14	652.06	61290	0.00	649.53	N		
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>
8.00	CIRC	VCP	156.71	156.71	07/09/1965	CLOUDY	CR	HILRIG CHAP#22 DVD#2
DISTANCE F/T	CODE	DESCRIPTION	SEVERITY	MEAS	POSITION	OBSERVATION	COMMENTS	
0.10	0.10	AMH	ACCESS POINT MANHOLE					
33.80	33.80	TF	TAP FACTORY		9 to			
37.80	37.80	TF	TAP FACTORY		3 to			
153.00	153.00	AMH	ACCESS POINT MANHOLE					

MSD00045

# PACP TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>			
696717	6/17/09 4:55 pm	BERGLUND	00022	8910 LARGO CT	SAN MARCOS RD / END OF ST			
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>		
61279	5.26	658.14	61278	0.00	649.91	N		
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>
8.00	CIRC	VCP	184.00	184.00	07/09/1965	CLOUDY	CR	HILRIG CHAP23 DVD#2
DISTANCE F/T	CODE	DESCRIPTION	SEVERITY	MEAS	POSITION	OBSERVATION	COMMENTS	
0.10	0.10	AMH	ACCESS POINT MANHOLE					
3.00	3.00	FC	FRACTURE,CIRCUMFERENTIAL	02	12 to 12	fracture is displaced.		
3.00	3.00	RM	ROOTS MEDIUM	03	12 to 12			
9.50	9.50	TF	TAP FACTORY		3 to			
19.00	19.00	RF	ROOTS FINE	01				
23.80	57.00	RF	ROOTS FINE	01	3 to 9			
58.00	58.00	RML	ROOTS MEDIUM LATERAL	03	3 to			
58.00	58.00	TF	TAP FACTORY		3 to			
64.10	64.10	RF	ROOTS FINE	01	3 to 6			
65.00	65.00	RFL	ROOTS FINE LATERAL	01	9 to			
65.00	65.00	TF	TAP FACTORY		9 to			
65.50	65.50	RF	ROOTS FINE	01	6 to 9			
70.10	85.00	RF	ROOTS FINE	01				
99.30	99.30	RM	ROOTS MEDIUM	03	3 to 9			
109.00	109.00	RF	ROOTS FINE	01	9 to 3			
118.50	118.50	RF	ROOTS FINE	01	7 to 10			
124.00	124.00	TF	TAP FACTORY		3 to			
159.30	159.30	TF	TAP FACTORY		9 to			
177.40	177.40	AMH	ACCESS POINT MANHOLE					

MSD00046

# PACP TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>					
696718	6/17/09 5:21 pm	BERGLUND	00022	8906 LARGO CT	SAN MARCOS RD / END OF ST					
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEY</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEY</u>	<u>REVERSE SETUP?</u>				
61278	5.69	649.91	61277	0.00	637.58	N				
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>		
8.00	CIRC	VCP	260.00	260.00	07/09/1965	SUNNY	EM	HILRIG	CHAP24	DVD#2
DISTANCE F/T	CODE	DESCRIPTION	SEVERITY	MEAS	POSITION	OBSERVATION COMMENTS				
0.10	0.10	AMH	ACCESS POINT MANHOLE							
21.30	21.30	RF	ROOTS FINE	01						
36.40	36.40	TF	TAP FACTORY				9 to			
37.70	37.70	RF	ROOTS FINE							
38.50	38.50	TF	TAP FACTORY							
39.00	39.00	RF	ROOTS FINE	01						
49.10	49.10	RF	ROOTS FINE	01						
53.70	53.70	RM	ROOTS MEDIUM	03						
92.80	92.80	TF	TAP FACTORY							
94.00	94.00	RM	ROOTS MEDIUM	03						
95.00	95.00	RFC	ROOTS FINE CONNECTION	01						
95.00	95.00	TF	TAP FACTORY							
115.00	115.00	RM	ROOTS MEDIUM	03						
120.00	120.00	RF	ROOTS FINE	01						
145.00	153.40	RF	ROOTS FINE	01						
153.40	153.40	IR	INFILTRATION,RUNNER	04						
162.80	162.80	IR	INFILTRATION,RUNNER	04						
167.80	167.80	IR	INFILTRATION,RUNNER	04						
167.80	167.80	RF	ROOTS FINE	01						
177.20	177.20	IG	INFILTRATION,GUSHER	05						
179.80	179.80	TBA	TAP BREAK-IN/HAMMER ACTIVE				3 to			
182.00	182.00	ID	INFILTRATION,DRIPPER	03						
196.00	196.00	CC	CRACK, CIRCUMFERENTIAL	01						
196.00	196.00	IR	INFILTRATION,RUNNER	04						
196.00	196.00	RF	ROOTS FINE	01						
234.30	234.30	IR	INFILTRATION,RUNNER	04						

MSD00047

## PACP TV Inspections for Hill Ridge

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239.00	239.00	IR	INFILTRATION,RUNNER	04
256.00	256.00	AMH	ACCESS POINT MANHOLE	

MSD00048



# PACP TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>					
696723	6/18/09 10:17 am	BERGLUND	00022	3601 PIROGUE RD	AT PIROGUE CT					
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>				
42502	6.37	684.23	41476	6.47	678.33	N				
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>		
8.00	CIRC	VCP	196.00	196.00	09/10/1979	RAIN	CR	HILRIG	CHAP-1	DVD#3
<u>DISTANCE F/T</u>		<u>CODE</u>	<u>DESCRIPTION</u>	<u>SEVERITY</u>	<u>MEAS</u>	<u>POSITION</u>	<u>OBSERVATION COMMENTS</u>			
0.10	0.10	AMH	ACCESS POINT MANHOLE				9 to			
67.00	67.00	TF	TAP FACTORY				3 to			
76.30	76.30	RMC	ROOTS MEDIUM CONNECTION	03			3 to			
76.30	76.30	RML	ROOTS MEDIUM LATERAL	03			3 to			
76.30	76.30	TF	TAP FACTORY				1 to 4			
77.20	77.20	RF	ROOTS FINE	01			9 to 4			
131.30	131.30	TF	TAP FACTORY				3 to			
142.00	142.00	TF	TAP FACTORY				3 to			
186.00	186.00	TF	TAP FACTORY							
191.70	191.70	AMH	ACCESS POINT MANHOLE							

MSD00049

PACr TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>					
696725	6/18/09 10:35 am	BERGLUND	00022	9208 S PIROGUE CT	PIROGUE RD / END OF ST					
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>				
41476	6.47	678.33	61326	0.00	675.13	N				
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>		
8.00	CIRC	VCP	206.16	206.16	05/14/1973	RAIN	CR	HILRIG	CHAP-2	DVD#3
<u>DISTANCE F/T</u>		<u>CODE</u>	<u>DESCRIPTION</u>	<u>SEVERITY</u>	<u>MEAS</u>	<u>POSITION</u>	<u>OBSERVATION COMMENTS</u>			
0.10	0.10	AMH	ACCESS POINT MANHOLE							
3.50	3.50	TF	TAP FACTORY			3 to				
58.90	58.90	TF	TAP FACTORY			9 to				
60.00	60.00	TF	TAP FACTORY			3 to				
120.20	120.20	HSV	PIPE FAILURE,HOLE,SOIL VISIBLE	05		2 to 11				
126.00	126.00	TF	TAP FACTORY			9 to				
128.20	128.20	TF	TAP FACTORY			3 to				
178.20	178.20	TF	TAP FACTORY			9 to				
198.00	198.00	AMH	ACCESS POINT MANHOLE							

PACr TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>					
696726	6/18/09 10:47 am	BERGLUND	00022	3600 PIROGUE RD	WILLOWWOOD WY/PIROGUE CT S					
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEY</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEY</u>	<u>REVERSE SETUP?</u>				
42501	6.07	686.73	42502	6.37	684.23	Y				
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>		
8.00	CIRC	VCP	110.00	110.00	09/10/1979	RAIN	CR	HILRIG	CHAP-3	DVD#3
<u>DISTANCE F/T</u>	<u>CODE</u>	<u>DESCRIPTION</u>		<u>SEVERITY</u>	<u>MEAS</u>	<u>POSITION</u>	<u>OBSERVATION COMMENTS</u>			
13.90	13.90	AMH	ACCESS POINT MANHOLE							
52.00	52.00	TF	TAP FACTORY			9 to				
101.00	101.00	TF	TAP FACTORY			9 to				
109.90	109.90	AMH	ACCESS POINT MANHOLE							

MSD00051

# PACP TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>					
696727	6/18/09 11:23 am	BERGLUND	00022	3518 PIROGUE RD	PIROGUE CT N/PIROGUE CT S					
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEY</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEY</u>	<u>REVERSE SETUP?</u>				
42502-ST	0.00	0.00	42502	0.00	0.00	Y				
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>		
8.00	CIRC	VCP	15.75	15.75	09/10/1979	RAIN	CR	HILRIG	CHAP-4	DVD#3
<u>DISTANCE F/T</u>	<u>CODE</u>	<u>DESCRIPTION</u>	<u>SEVERITY</u>	<u>MEAS</u>	<u>POSITION</u>	<u>OBSERVATION COMMENTS</u>				
0.25	0.25					at stub.				
0.75	0.75	TF	TAP FACTORY		3 to					
15.65	15.65	AMH	ACCESS POINT MANHOLE							

# PACr TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>	<u>REVERSE SETUP?</u>				
696730	6/18/09 1:31 pm	BERGLUND	00022	9200 S PIROGUE CT	PIROGUE RD / END OF ST	N				
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>					
61326	6.47	675.13	61327	0.00	667.72					
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>		
8.00	CIRC	VCP	183.24	183.24	05/14/1973	RAIN	EM	HILRIG	CHAP5	DVD#3
<u>DISTANCE F/T</u>		<u>CODE</u>	<u>DESCRIPTION</u>	<u>SEVERITY</u>	<u>MEAS</u>	<u>POSITION</u>	<u>OBSERVATION COMMENTS</u>			
0.10	0.10	AMH	ACCESS POINT MANHOLE							
3.00	3.00	JSM	JOINT,SEPARATED(OPEN),MEDIUM	01		9 to				
10.70	10.70	TFA	TAP FACTORY MADE ACTIVE			9 to				
12.70	12.70	TFA	TAP FACTORY MADE ACTIVE							
21.60	21.60	ID	INFILTRATION,DRIPPER	03						
43.20	43.20	RMC	ROOTS MEDIUM CONNECTION	03		3 to				
43.20	43.20	TF	TAP FACTORY			9 to				
46.00	46.00	RFL	ROOTS FINE LATERAL			9 to				
46.00	46.00	TFA	TAP FACTORY MADE ACTIVE							
46.30	46.30	RF	ROOTS FINE	01		3 to 5				
63.60	63.60	RB	ROOTS BALL	04		1 to 7				
133.00	137.70	MCU	MISC CAMERA UNDERWATER	04						
137.70	137.70	RB	ROOTS BALL	04		12 to 12			SEWER STOPED UP	
143.50	143.50	RM	ROOTS MEDIUM	03		7 to 11				
158.80	158.80	RM	ROOTS MEDIUM	03		3 to 9				
163.60	163.60	LD	LINE DOWN	01						
163.60	163.60	RM	ROOTS MEDIUM	03		3 to 9				
168.10	168.10	JOM	JOINT,OFFSET(DISPLACED),MEDIUM	01					LINE CHANGES TO CAST IRON WITH DROP JOINT.	
168.10	183.00	MMC	MISC MATERIAL CHANGE						LINE CHANGES TO CAST IRON WITH DROP JOINT.	

MSD00053

PACP TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>				
696731	6/18/09 2:03 pm	BERGLUND	00022	9210 S PIROGUE CT	PIROGUE RD / END OF ST				
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>			
41477	6.86	673.34	61328	0.00	670.41	Y			
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>	
8.00	CIRC	VCP	221.50	221.50	05/14/1973	RAIN	CR	HILRIG	CHAP-6 DVD#3
<u>DISTANCE F/T</u>	<u>CODE</u>	<u>DESCRIPTION</u>	<u>SEVERITY</u>	<u>MEAS</u>	<u>POSITION</u>	<u>OBSERVATION</u>	<u>COMMENTS</u>		
10.10	10.10	AMH	ACCESS POINT MANHOLE						
21.90	21.90	TF	TAP FACTORY	0.25					
23.80	23.80	TF	TAP FACTORY	0.25	3 to				
62.00	62.00	JOM	JOINT,OFFSET(DISPLACED),MEDIUM	01	0.25				
72.40	72.40	IR	INFILTRATION,RUNNER	04	0.25				
78.30	78.30	IR	INFILTRATION,RUNNER	04	0.25	3 to			
78.30	78.30	TF	TAP FACTORY	0.25	3 to				
79.70	79.70	TF	TAP FACTORY	0.25	9 to				
88.70	88.70	JSM	JOINT,SEPARATED(OPEN),MEDIUM	01	0.25				
92.10	92.10	IR	INFILTRATION,RUNNER	04					
141.90	141.90	TF	TAP FACTORY		9 to				
159.80	159.80	TF	TAP FACTORY		3 to				
202.00	202.00	TF	TAP FACTORY		9 to				
221.40	221.40	AMH	ACCESS POINT MANHOLE						

PACP TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>				
696733	6/18/09 2:19 pm	BERGLUND	00022	3509 PIROGUE RD	AT PIROGUE RD				
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>			
42504	7.31	675.79	41477	6.86	673.34	Y			
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>	
8.00	CIRC	VCP	185.75	185.75	09/10/1979	RAIN	CR	HILRIG CHAP-7	
<u>DISTANCE F/T</u>	<u>CODE</u>	<u>DESCRIPTION</u>	<u>SEVERITY</u>	<u>MEAS</u>	<u>POSITION</u>	<u>OBSERVATION COMMENTS</u>			
9.75	9.75	AMH	ACCESS POINT MANHOLE						
52.35	52.35	RM	ROOTS MEDIUM	03	12 to 12				
84.45	84.45	TF	TAP FACTORY		3 to				
86.55	86.55	TFA	TAP FACTORY MADE ACTIVE		9 to				
141.15	141.15	TF	TAP FACTORY		3 to				
142.25	142.25	TF	TAP FACTORY		9 to				

MSD00055

PACP TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>					
696734	6/18/09 2:33 pm	BERGLUND	00022	9200 S PIROGUE CT	PIROGUE RD / END OF ST					
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEY</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEY</u>	<u>REVERSE SETUP?</u>				
61328	6.49	670.41	61327	0.00	667.72	N				
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>		
8.00	CIRC	VCP	173.50	173.50	05/14/1973	CLOUDY	EM	HILRIG	CHAP-8	DVD#3
<u>DISTANCE F/T</u>	<u>CODE</u>	<u>DESCRIPTION</u>	<u>SEVERITY</u>	<u>MEAS</u>	<u>POSITION</u>	<u>OBSERVATION COMMENTS</u>				
0.10	0.10	AMH	ACCESS POINT MANHOLE							line has heavy flow and may not see all of line.main runs to pump station.just had a heavy rain.
14.60	14.60	IR	INFILTRATION,RUNNER	04						
30.50	30.50	TF	TAP FACTORY			9 to				
156.60	173.00	MMC	MISC MATERIAL CHANGE							line changes to cast iron.

MSD00056



PACP TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>					
696735	6/18/09 3:02 pm	BERGLUND	00022	3503 PIROGUE RD	EA 130' E					
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>				
41475	5.80	685.80	42505	6.28	679.32	Y				
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>		
8.00	CIRC	VCP	150.90	150.90	09/10/1979	SUNNY	EM	HILRIG	CHAP-9	DVD#3
<u>DISTANCE F/T</u>	<u>CODE</u>	<u>DESCRIPTION</u>	<u>SEVERITY</u>	<u>MEAS</u>	<u>POSITION</u>	<u>OBSERVATION COMMENTS</u>				
112.90	112.90	MSC	MISC DIMENSION/DIAM/SHAPE CHNG			main sewer is blocked.with roots				
112.90	112.90	RB	ROOTS BALL	04	12 to 12	main sewer is blocked.				
134.30	134.30	JAM	JOINT,ANGULAR,MEDIUM	01						
134.30	134.30	JSM	JOINT,SEPARATED(OPEN),MEDIUM	01						
141.40	141.40	JSM	JOINT,SEPARATED(OPEN),MEDIUM	01						
150.80	150.80	AMH	ACCESS POINT MANHOLE							

MSD00057

PACP rV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>			
696736	6/18/09 3:17 pm	BERGLUND	00022	3506 PIROGUE RD	SUE HELEN DR/PIROGUE CT N			
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEY</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEY</u>	<u>REVERSE SETUP?</u>		
42505	6.28	679.32	42504	7.31	675.79	N		
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>
8.00	CIRC	VCP	203.10	203.10	09/10/1979	SUNNY	CR	HILRIG CHAP10 DVD#3
DISTANCE F/T	CODE	DESCRIPTION	SEVERITY	MEAS	POSITION	OBSERVATION	COMMENTS	
0.10	0.10	AMH	ACCESS POINT MANHOLE					
5.00	5.00	JSL	JOINT,SEPARATED(OPEN),LARGE	02				
10.00	10.00	TF	TAP FACTORY		3 to			
88.70	88.70	TF	TAP FACTORY		9 to			
143.00	143.00	TF	TAP FACTORY		9 to			
200.00	200.00	AMH	ACCESS POINT MANHOLE					

MSD00058

# PACr fV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>				
696737	6/18/09 4:06 pm	BERGLUND	00022	9210 SUE HELEN DR	PIROGUE RD / END OF ST				
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>			
61331	5.99	680.21	61330	0.00	672.25	N			
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>	
8.00	CIRC	VCP	350.50	350.50	05/14/1973	SUNNY	CR	HILRIG	CHAPII DVD#3
DISTANCE F/T	CODE	DESCRIPTION	SEVERITY	MEAS	POSITION	OBSERVATION	COMMENTS		
0.10	0.10	AMH	ACCESS POINT MANHOLE						
32.80	32.80	TF	TAP FACTORY		9 to				
34.70	34.70	TF	TAP FACTORY		3 to				
89.30	89.30	TFA	TAP FACTORY MADE ACTIVE		9 to				
91.30	91.30	TB	TAP BREAK-IN/HAMMER		3 to				
146.20	146.20	TF	TAP FACTORY		9 to				
147.90	147.90	TFA	TAP FACTORY MADE ACTIVE		3 to				
186.30	186.30	IR	INFILTRATION,RUNNER	04					
203.00	203.00	TFA	TAP FACTORY MADE ACTIVE		9 to				
204.70	204.70	TF	TAP FACTORY		3 to				
259.90	259.90	TFA	TAP FACTORY MADE ACTIVE		9 to				
261.60	261.60	TF	TAP FACTORY		3 to				
307.70	307.70	TFA	TAP FACTORY MADE ACTIVE		9 to				
309.70	309.70	TFA	TAP FACTORY MADE ACTIVE		3 to				
310.00	341.00	MCU	MISC CAMERA UNDERWATER	04					
341.00	341.00	AMH	ACCESS POINT MANHOLE						

MSD00059

# PACP TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>					
696738	6/18/09 4:41 pm	BERGLUND	00022	3200 LA FOLLETTE CT	LA FOLLETTE DR / END OF ST					
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEY</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEY</u>	<u>REVERSE SETUP?</u>				
61161	3.50	677.30	61160	0.00	676.85	Y				
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>		
8.00	CIRC	VCP	89.58	89.58	09/10/1979	SUNNY	CR	HILRIG	CHAP12	DVD#3
DISTANCE F/T	CODE	DESCRIPTION	SEVERITY	MEAS	POSITION	OBSERVATION COMMENTS				
4.58	4.58	AMH	ACCESS POINT MANHOLE							
56.78	56.78	TF	TAP FACTORY		3 to					
64.78	80.08	RM	ROOTS MEDIUM	03	12 to 12					
89.48	89.48	AMH	ACCESS POINT MANHOLE							

MSD00060

# PACr TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>					
696741	6/18/09 5:04 pm	BERGLUND	00022	3210 LA FOLLETTE CT	LA FOLLETTE DR / END OF ST					
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>				
61159	5.60	678.80	61160	0.00	676.85	Y				
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>		
8.00	CIRC	VCP	137.00	137.00	09/10/1979	SUNNY	CR	HILRIG	CHAP13	DVD#3
<u>DISTANCE F/T</u>	<u>CODE</u>	<u>DESCRIPTION</u>	<u>SEVERITY</u>	<u>MEAS</u>	<u>POSITION</u>	<u>OBSERVATION</u>	<u>COMMENTS</u>			
3.80	3.80	AMH	ACCESS POINT MANHOLE							
38.30	38.30	TF	TAP FACTORY							3 to
50.20	50.20	TF	TAP FACTORY							9 to
104.20	104.20	TF	TAP FACTORY							9 to
136.90	136.90	AMH	ACCESS POINT MANHOLE							

MSD00061

PACr fV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>			
696744	6/18/09 5:23 pm	BERGLUND	00022	9200 EUPORA CT	LA FOLLETTE DR / END OF ST			
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>		
61163-ST	0.00	675.80	61163	0.00	675.57	Y		
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>
8.00	CIRC	VCP	45.00	45.00	09/10/1979	SUNNY	CR	HILRIG CHAP14 DVD#3
DISTANCE F/T	CODE	DESCRIPTION	SEVERITY	MEAS	POSITION	OBSERVATION	COMMENTS	
1.50	1.50	TFA	TAP FACTORY MADE ACTIVE				AT END OF STUB.	
5.30	5.30	TF	TAP FACTORY		9 to			
14.00	14.00	TF	TAP FACTORY		3 to			
22.70	22.70	IR	INFILTRATION,RUNNER	04				
27.50	27.50	IR	INFILTRATION,RUNNER	04				
44.90	44.90	AMH	ACCESS POINT MANHOLE					

MSD00062

# PACr FV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>			
696745	6/18/09 5:35 pm	BERGLUND	00022	9210 EUPORA CT	LA FOLLETTE DR / END OF ST			
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>		
61162	5.64	676.26	61163	0.00	675.57	Y		
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>
8.00	CIRC	VCP	137.00	137.00	09/10/1979	SUNNY	CR	HILRIG CHAP15 DVD#3
DISTANCE F/T	CODE	DESCRIPTION	SEVERITY	MEAS	POSITION	OBSERVATION	COMMENTS	
5.50	5.50	AMH	ACCESS POINT MANHOLE					
33.00	33.00	TF	TAP FACTORY		3 to			
48.20	48.20	TFA	TAP FACTORY MADE ACTIVE		9 to			
75.80	75.80	IR	INFILTRATION,RUNNER	04				
99.60	99.60	IR	INFILTRATION,RUNNER	04				
114.00	114.00	IR	INFILTRATION,RUNNER	04				
123.60	123.60	IR	INFILTRATION,RUNNER	04				
136.90	136.90	AMH	ACCESS POINT MANHOLE					

MSD00063

PACr TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>			
696771	6/22/09 10:14 am	BERGLUND	00022	3412 LA FOLLETTE DR	* AT WAKULLA CT			
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>		
61155	0.00	675.66	61164	0.00	674.34	Y		
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>
8.00	CIRC	VCP	330.71	330.71	09/10/1979	RAIN	CR	HILRIG CHAP16 DVD#3
<u>DISTANCE F/T</u>	<u>CODE</u>	<u>DESCRIPTION</u>	<u>SEVERITY</u>	<u>MEAS</u>	<u>POSITION</u>	<u>OBSERVATION COMMENTS</u>		
12.71	12.71	AMH	ACCESS POINT MANHOLE					
12.71	12.71	MGO	MISC GENERAL OBSERVATION			line had heavy soap suds and camera had a hard time seeing.		
123.51	123.51	TF	TAP FACTORY		9 to			
130.21	130.21	TF	TAP FACTORY		3 to			
184.81	184.81	RM	ROOTS MEDIUM	03				
185.71	185.71	RMC	ROOTS MEDIUM CONNECTION	03	9 to			
185.71	185.71	TF	TAP FACTORY		9 to			
193.71	193.71	TF	TAP FACTORY		3 to			
238.71	238.71	TF	TAP FACTORY		9 to			
330.61	330.61	AMH	ACCESS POINT MANHOLE					



PAC<sub>1</sub> FV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>					
696773	6/22/09 10:37 am	BERGLUND	00022	9204 EUPORA CT	LA FOLLETTE DR / END OF ST					
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>				
61163	4.43	675.57	61164	0.00	674.34	Y				
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>		
8.00	CIRC	VCP	307.38	307.38	09/10/1979	RAIN	EM	HILRIG	CHAP17	DVD#3
<u>DISTANCE F/T</u>	<u>CODE</u>	<u>DESCRIPTION</u>	<u>SEVERITY</u>	<u>MEAS</u>	<u>POSITION</u>	<u>OBSERVATION COMMENTS</u>				
13.88	13.88	AMH	ACCESS POINT MANHOLE							
27.38	89.38	LD	LINE DOWN	04						swag in line
204.38	204.38	TBA	TAP BREAK-IN/HAMMER ACTIVE			10 to				
261.38	261.38	TF	TAP FACTORY			3 to				
268.18	268.18	TFC	TAP FACTORY MADE CAPPED			9 to				
307.28	307.28	AMH	ACCESS POINT MANHOLE							

MSD00065

PACr TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>			
696775	6/22/09 10:58 am	BERGLUND	00022	3204 LA FOLLETTE CT	LA FOLLETTE DR / END OF ST			
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>		
61160	5.35	676.85	61163	0.00	675.57	Y		
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>
8.00	CIRC	VCP	320.04	320.04	09/10/1979	RAIN	EM	HILRIG CHAP18 DVD#3
<u>DISTANCE F/T</u>	<u>CODE</u>	<u>DESCRIPTION</u>	<u>SEVERITY</u>	<u>MEAS</u>	<u>POSITION</u>	<u>OBSERVATION COMMENTS</u>		
15.74	15.74	AMH ACCESS POINT MANHOLE						
34.04	34.04	RF ROOTS FINE	01					
53.04	58.04	RF ROOTS FINE	01					
125.84	125.84	TF TAP FACTORY			3 to			
137.24	137.24	TF TAP FACTORY			9 to			
160.04	160.04	RF ROOTS FINE	01		5 to			
242.34	242.34	TF TAP FACTORY			9 to			
265.84	265.84	TF TAP FACTORY			3 to			
319.94	319.94	AMH ACCESS POINT MANHOLE						

MSD00066

PACP TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>			
696780	6/22/09 11:22 am	BERGLUND	00022	9203 WAKULLA CT	LA FOLLETTE DR / END OF ST			
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>		
61164	8.86	674.34	61332	0.00	673.29	N		
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>
8.00	CIRC	VCP	252.00	252.00	09/10/1979	RAIN	EM	HILRIG CHAP19 DVD#3
DISTANCE F/T	CODE	DESCRIPTION	SEVERITY	MEAS	POSITION	OBSERVATION	COMMENTS	
0.10	0.10	AMH	ACCESS POINT MANHOLE					
61.50	61.50	TF	TAP FACTORY		9 to			
68.50	68.50	TFA	TAP FACTORY MADE ACTIVE		3 to			
180.20	180.20	TB	TAP BREAK-IN/HAMMER		12 to			
226.50	226.50	TFC	TAP FACTORY MADE CAPPED		3 to			
250.00	250.00	AMH	ACCESS POINT MANHOLE					

# PACr TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>					
696782	6/22/09 1:06 pm	BERGLUND	00022	3305 LA FOLLETTE DR	AT LA FOLLETTE CT					
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>				
61157	6.12	678.28	61156	7.30	677.00	N				
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>		
8.00	CIRC	VCP	320.16	320.16	09/10/1979	SUNNY	CR	HILRIG	CHAP20	DVD#3
DISTANCE F/T	CODE	DESCRIPTION	SEVERITY	MEAS	POSITION	OBSERVATION COMMENTS				
0.10	0.10	AMH	ACCESS POINT MANHOLE							
26.70	26.70	TF	TAP FACTORY		9 to					
85.50	85.50	TF	TAP FACTORY		3 to					
89.50	89.50	TF	TAP FACTORY		9 to					
139.80	144.00	RPL	POINT REPAIR,LOCALIZED LINING							
146.00	146.00	TF	TAP FACTORY		9 to					
157.50	157.50	TF	TAP FACTORY		3 to					
213.80	213.80	TF	TAP FACTORY		9 to					
249.00	249.00	TF	TAP FACTORY		3 to					
270.30	270.30	TF	TAP FACTORY		9 to					
306.60	306.60	AMH	ACCESS POINT MANHOLE							

MSD00068

PACr TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>			
696785	6/22/09 1:37 pm	BERGLUND	00022	3400 LA FOLLETTE DR	* AT EUPORA CT			
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>		
61156	7.30	677.00	61155	9.44	675.66	N		
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>
8.00	CIRC	VCP	326.00	326.00	09/10/1979	SUNNY	CR	HILRIG CHAP21 DVD#3
DISTANCE FT	CODE	DESCRIPTION	SEVERITY	MEAS	POSITION	OBSERVATION	COMMENTS	
0.10	0.10	AMH	ACCESS POINT MANHOLE					
5.10	5.10	RM	ROOTS MEDIUM	03	9 to 3			
30.00	30.00	TF	TAP FACTORY		9 to			
86.50	86.50	TF	TAP FACTORY		9 to			
90.50	90.50	TF	TAP FACTORY		3 to			
150.00	150.00	TF	TAP FACTORY		9 to			
162.90	162.90	HSV	PIPE FAILURE,HOLE,SOIL VISIBLE	05	7.00	10 to 3	pipe missing. crown	
163.10	163.10	FC	FRACTURE,CIRCUMFERENTIAL	02	9 to 12			
163.10	163.10	TF	TAP FACTORY		3 to			
215.00	215.00	TF	TAP FACTORY		9 to			
279.20	279.20	TF	TAP FACTORY		9 to			
314.00	314.00	AMH	ACCESS POINT MANHOLE					

MSD00069

PACr TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>					
696788	6/22/09 1:51 pm	BERGLUND	00022	3212 LA FOLLETTE CT	* LA FOLLETTE DR/END OF ST					
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>				
61158	6.09	678.71	61157	6.12	678.28	Y				
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>		
8.00	CIRC	VCP	85.00	85.00	09/10/1979	SUNNY	CR	HILRIG	CHAP-1	DVD#4
<u>DISTANCE F/T</u>		<u>CODE</u>	<u>DESCRIPTION</u>	<u>SEVERITY</u>	<u>MEAS</u>	<u>POSITION</u>	<u>OBSERVATION COMMENTS</u>			
1.50	1.50	AMH	ACCESS POINT MANHOLE							
39.50	39.50	TF	TAP FACTORY			3 to				
84.90	84.90	AMH	ACCESS POINT MANHOLE							

PACP TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>			
696789	6/22/09 2:20 pm	BERGLUND	00022	3412 LA FOLLETTE DR	SUE HELEN DR/WAKULLA CT			
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEY</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEY</u>	<u>REVERSE SETUP?</u>		
61154	0.00	680.75	61155	9.44	679.10	N		
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>
8.00	CIRC	VCP	167.00	167.00	09/10/1979	SUNNY	CR	HILRIG CHAP-2 DVD#4
<u>DISTANCE F/T</u>	<u>CODE</u>	<u>DESCRIPTION</u>	<u>SEVERITY</u>	<u>MEAS</u>	<u>POSITION</u>	<u>OBSERVATION</u>	<u>COMMENTS</u>	
0.10	0.10	AMH	ACCESS POINT MANHOLE					
32.00	32.00	TF	TAP FACTORY		9 to			
67.00	67.00	TF	TAP FACTORY		3 to			
136.00	136.00	TF	TAP FACTORY		3 to			
159.00	159.00	LD	LINE DOWN	01	6 to	at drop inlet of mh		
163.00	163.00	AMH	ACCESS POINT MANHOLE					

MSD00071

PACP Tv Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>					
696790	6/22/09 2:45 pm	BERGLUND	00022	9200 SUE HELEN DR	PIROGUE RD / END OF ST					
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>				
61330	5.95	672.25	61329	0.00	671.17	N				
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>		
8.00	CIRC	VCP	250.00	250.00	05/14/1973	SUNNY	EM	HILRIG	CHAP-3	DVD#4
<u>DISTANCE F/T</u>		<u>CODE</u>	<u>DESCRIPTION</u>	<u>SEVERITY</u>	<u>MEAS</u>	<u>POSITION</u>	<u>OBSERVATION COMMENTS</u>			
0.10	0.10	AMH	ACCESS POINT MANHOLE							
243.00	243.00	AMH	ACCESS POINT MANHOLE							

MSD00072



# PACP TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>					
696796	6/22/09 3:04 pm	BERGLUND	00022	9200 WAKULLA CT	EA 200' SW					
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>				
61332	9.21	673.29	61330	0.00	672.25	Y				
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>		
8.00	CIRC	VCP	259.00	259.00	09/10/1979	SUNNY	EM	HILRIG	CHAP-4	DVD#4
DISTANCE F/T	CODE	DESCRIPTION	SEVERITY	MEAS	POSITION	OBSERVATION COMMENTS				
17.00	17.00	AMH	ACCESS POINT MANHOLE		3 to					
68.00	68.00	TF	TAP FACTORY		3 to					
80.50	95.00	MCU	MISC CAMERA UNDERWATER	04						
129.00	164.00	LD	LINE DOWN	04						
134.00	164.00	MCU	MISC CAMERA UNDERWATER	04						
214.00	214.00	TFC	TAP FACTORY MADE CAPPED		3 to					

MSD00073

# PACP TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>	<u>REVERSE SETUP?</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>	
696844	6/29/09 9:57 am	BERGLUND	00022	9200 WILLOWOOD WAY	BIGELOW DR / PIROGUE RD	N	SUNNY	EM	HILRIG CHAP-5 DVD#4	
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>INST DATE</u>	<u>SEVERITY</u>	<u>MEAS</u>	<u>POSITION</u>	<u>OBSERVATION COMMENTS</u>
61325	6.02	676.58	61324	0.00	672.00	05/14/1973				
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>SEVERITY</u>	<u>MEAS</u>	<u>POSITION</u>	<u>OBSERVATION COMMENTS</u>		
8.00	CIRC	VCP	306.50	306.50						
DISTANCE F/T	CODE	DESCRIPTION	SEVERITY	MEAS	POSITION	OBSERVATION COMMENTS				
0.10	0.10	AMH ACCESS POINT MANHOLE		1.00	12 to					
50.70	50.70	TF TAP FACTORY		0.25						
74.50	74.50	JOM JOINT,OFFSET(DISPLACED),MEDIUM	01	0.25	9 to					
100.00	100.00	TFC TAP FACTORY MADE CAPPED		0.25						
103.80	103.80	JSM JOINT,SEPARATED(OPEN),MEDIUM	01	0.25						
275.00	275.00	DNGV DEPOSITS INGRESS GRAVEL	03			can not pass grit.				
275.00	275.00	MSA MISC SURVEY ABANDONED								

MSD00074

PACP Tv inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>			
696845	6/29/09 10:20 am	BERGLUND	00022	9212 WILLOWWOOD WAY	BIGELOW DR / PIROGUE RD			
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>		
61165	5.71	689.09	61325	0.00	676.58	Y		
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>
8.00	CIRC	VCP	396.00	396.00	05/14/1973	SUNNY	CR	HILRIG CHAP-6 DVD#4
DISTANCE F/T	CODE	DESCRIPTION	SEVERITY	MEAS	POSITION	OBSERVATION	COMMENTS	
0.00	0.00	AMH	ACCESS POINT MANHOLE					
63.00	63.00	TF	TAP FACTORY		9 to			
67.00	67.00	TF	TAP FACTORY		3 to			
109.00	109.00	TF	TAP FACTORY		3 to			
112.00	112.00	TF	TAP FACTORY		9 to			
198.00	198.00	TF	TAP FACTORY		3 to			
201.00	201.00	TF	TAP FACTORY		9 to			
251.00	251.00	TF	TAP FACTORY		3 to	has heavy mud in service line 3/4 full		
254.00	254.00	TF	TAP FACTORY		9 to			
311.00	311.00	TF	TAP FACTORY		3 to			
313.00	313.00	TF	TAP FACTORY		9 to			
381.30	381.30	TF	TAP FACTORY		9 to			
386.00	393.00	CM	CRACK, MULTIPLE	03				
395.90	395.90	AMH	ACCESS POINT MANHOLE					

MSD00075

PACP Tv inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>					
696846	6/29/09 11.25 am	BERGLUND	00022	9323 WILLOWWOOD WAY	AT LONGVIEW RD					
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>				
27749	0.00	690.89	61165	0.00	689.09	Y				
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>		
8.00	CIRC	VCP	367.00	367.00	05/14/1973	SUNNY	CR	HILRIG	CHAP-7	DVD#4
<u>DISTANCE F/T</u>	<u>CODE</u>	<u>DESCRIPTION</u>	<u>SEVERITY</u>	<u>MEAS</u>	<u>POSITION</u>	<u>OBSERVATION COMMENTS</u>				
11.00	37.00	DAGS	DEPOSITS ATTACHED GREASE	02						
54.00	54.00	TF	TAP FACTORY		3 to					
57.00	57.00	TF	TAP FACTORY		9 to					
133.00	133.00	RBC	ROOTS BALL CONNECTION	04	9 to					
133.00	133.00	TF	TAP FACTORY		9 to					
172.00	172.00	TF	TAP FACTORY		3 to					
240.40	240.40	TFA	TAP FACTORY MADE ACTIVE		3 to					
291.50	291.50	TFA	TAP FACTORY MADE ACTIVE		9 to					
293.00	293.00	TF	TAP FACTORY		3 to					
356.70	356.70	TF	TAP FACTORY		9 to					
358.50	358.50	TF	TAP FACTORY		3 to					
366.90	366.90	AMH	ACCESS POINT MANHOLE							

PACP TV inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>			
696848	6/29/09 1:03 pm	BERGLUND	00022	3712 LONGVIEW RD	LETHBOROUGH DR/WILLOWWOOD WY			
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>		
28468	0.00	0.00	28467	0.00	0.00	N		
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>
8.00	CIRC	VCP	176.50	176.50	05/14/1973	SUNNY	CR	HILRIG CHAP-8 DVD#4
<u>DISTANCE F/T</u>	<u>CODE</u>	<u>DESCRIPTION</u>	<u>SEVERITY</u>	<u>MEAS</u>	<u>POSITION</u>	<u>OBSERVATION COMMENTS</u>		
0.10	0.10	AMH	ACCESS POINT MANHOLE					
10.00	10.00	TF	TAP FACTORY		3 to			
12.00	12.00	TF	TAP FACTORY		9 to			
64.00	64.00	TF	TAP FACTORY		3 to			
65.80	65.80	TF	TAP FACTORY		9 to			
143.00	143.00	TF	TAP FACTORY		9 to			
145.00	145.00	TF	TAP FACTORY		3 to			
176.50	176.50	AMH	ACCESS POINT MANHOLE					

MSD00077

# PACP Tv Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>					
696849	6/29/09 1:16 pm	BERGLUND	00022	3706 LONGVIEW RD	WILLOWWOOD WY/LETHBOROUGH DR					
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>				
28467	0.00	0.00	27749	0.00	0.00	N				
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>		
8.00	CIRC	VCP	267.00	267.00	05/14/1973	SUNNY	CR	HILRIG	CHAP-9	DVD#4
<u>DISTANCE F/T</u>	<u>CODE</u>	<u>DESCRIPTION</u>	<u>SEVERITY</u>	<u>MEAS</u>	<u>POSITION</u>	<u>OBSERVATION COMMENTS</u>				
0.10	0.10	AMH	ACCESS POINT MANHOLE							
21.10	21.10	TF	TAP FACTORY		9 to					
73.10	73.10	TF	TAP FACTORY		9 to					
267.00	267.00	AMH	ACCESS POINT MANHOLE							

MSD00078

# PACP Tv Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>			
696850	6/29/09 1:39 pm	BERGLUND	00022	3815 LONGVIEW RD	LETHBOROUGH DR/WILLOWWOOD WY			
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>		
41478	0.00	0.00	28468	0.00	0.00	Y		
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>
8.00	CIRC	VCP	400.00	400.00	05/14/1973	SUNNY	CR	HILRIG CHAP10 DVD#4
DISTANCE F/T	CODE	DESCRIPTION	SEVERITY	MEAS	POSITION	OBSERVATION	COMMENTS	
6.00	6.00	AMH	ACCESS POINT MANHOLE					
32.30	32.30	TF	TAP FACTORY		9 to			
84.50	84.50	TF	TAP FACTORY		3 to			
86.30	86.30	TF	TAP FACTORY		9 to			
151.20	151.20	TF	TAP FACTORY		9 to			
153.00	153.00	TF	TAP FACTORY		3 to			
211.00	211.00	TF	TAP FACTORY		9 to			
213.00	213.00	TF	TAP FACTORY		3 to			
278.00	278.00	TFA	TAP FACTORY MADE ACTIVE		9 to			
279.50	279.50	TF	TAP FACTORY		3 to			
332.00	332.00	TF	TAP FACTORY		3 to			
333.70	333.70	TF	TAP FACTORY		9 to			
399.90	399.90	AMH	ACCESS POINT MANHOLE					

MSD00079

PACP Tv Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>			
696852	6/29/09 1:44 pm	BERGLUND	00022	3815 LONGVIEW RD	LETHBOROUGH DR/WILLOWWOOD WY			
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>		
41478-ST	0.00	0.00	41478	0.00	0.00	Y		
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>
8.00	CIRC	VCP	50.00	50.00	05/14/1973	SUNNY	CR	HILRIG CHAPII DVD#4
<u>DISTANCE F/T</u>	<u>CODE</u>	<u>DESCRIPTION</u>	<u>SEVERITY</u>	<u>MEAS</u>	<u>POSITION</u>	<u>OBSERVATION</u>	<u>COMMENTS</u>	
35.00	35.00						AT STUB OF MH.	
35.50	35.50	TF	TAP FACTORY		9 to			
49.90	49.90	AMH	ACCESS POINT MANHOLE					

MSD00080



# PACP Tv Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>			
696853	6/29/09 2:40 pm	BERGLUND	00022	3713 MODESTO RD	LETHBOROUGH DR / END OF ST			
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>		
61166	5.74	689.66	61322	0.00	682.65	N		
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>
8.00	CIRC	VCP	307.00	307.00	05/14/1973	SUNNY	CR	HILRIG CHAP12 DVD#4
DISTANCE F/T	CODE	DESCRIPTION	SEVERITY	MEAS	POSITION	OBSERVATION	COMMENTS	
0.10	0.10	AMH	ACCESS POINT MANHOLE					
30.50	30.50	TF	TAP FACTORY			3 to		
70.00	70.00	TF	TAP FACTORY			9 to		
72.00	72.00	TF	TAP FACTORY			3 to		
72.00	72.00	TF	TAP FACTORY			9 to		
130.50	130.50	TF	TAP FACTORY			3 to		
132.30	132.30	TF	TAP FACTORY			9 to		
203.50	203.50	TF	TAP FACTORY			3 to		
211.70	211.70	TFA	TAP FACTORY MADE ACTIVE			3 to		
245.00	245.00	TFA	TAP FACTORY MADE ACTIVE			3 to		
266.00	266.00	TFC	TAP FACTORY MADE CAPPED			9 to		
293.00	293.00	TFA	TAP FACTORY MADE ACTIVE					

MSD00081

PACP Tv Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>			
696854	6/29/09 2:56 pm	BERGLUND	00022	3700 MODESTO RD	LETHBOROUGH DR / END OF ST			
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>		
61322	6.05	682.65	61323	0.00	678.65	N		
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>
8.00	CIRC	VCP	151.00	151.00	05/14/1973	SUNNY	EM	HILRIG CHAP13 DVD#4
DISTANCE FT	CODE	DESCRIPTION	SEVERITY	MEAS	POSITION	OBSERVATION	COMMENTS	
0.10	0.10	AMH	ACCESS POINT MANHOLE					
7.80	7.80	TF	TAP FACTORY			9 to		
56.00	56.00	CC	CRACK, CIRCUMFERENTIAL	01		9 to 5		
72.20	72.20	TFA	TAP FACTORY MADE ACTIVE			3 to		
80.50	80.50	TF	TAP FACTORY			9 to		
151.00	151.00	AMH	ACCESS POINT MANHOLE					

MSD00082

PACP T v inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>			
696855	6/29/09 3:02 pm	BERGLUND	00022	3700 MODESTO RD	EA 150' NW			
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>		
61323	5.85	678.65	61324	0.00	676.71	N		
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>
8.00	CIRC	VCP	39.50	39.50	05/14/1973	SUNNY	EM	HILRIG CHAP14 DVD#4
DISTANCE F/T	CODE	DESCRIPTION	SEVERITY	MEAS	POSITION	OBSERVATION	COMMENTS	
0.10	0.10	AMH	ACCESS POINT MANHOLE					
39.00	39.00	AMH	ACCESS POINT MANHOLE					

MSD00083

# PACP Tv Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>					
696856	6/29/09 3:22 pm	BERGLUND	00022	3805 MODESTO RD	LETHBOROUGH DR / END OF ST					
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>				
61167	5.94	692.66	61166	0.00	689.66	Y				
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>		
8.00	CIRC	VCP	206.00	206.00	05/14/1973	SUNNY	CR	HILRID	CHAP15	DVD#4
DISTANCE F/T	CODE	DESCRIPTION	SEVERITY	MEAS	POSITION	OBSERVATION	COMMENTS			
0.00	0.00	AMH	ACCESS POINT MANHOLE							
38.60	38.60	RM	ROOTS MEDIUM		12 to 12					
39.00	39.00	RBC	ROOTS BALL CONNECTION	03	9 to					
39.00	39.00	RBL	ROOTS BALL LATERAL	04	9 to					
39.00	39.00	TF	TAP FACTORY		9 to					
90.30	90.30	TF	TAP FACTORY		9 to					
154.40	154.40	RBL	ROOTS BALL LATERAL	04	9 to					
154.40	154.40	TF	TAP FACTORY		9 to					
199.90	199.90	AMH	ACCESS POINT MANHOLE							

MSD00084

PACP Tv Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>			
696857	6/29/09 3:38 pm	BERGLUND	00072	3812 MODESTO RD	LETHBOROUGH DR / END OF ST			
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>		
61168	5.95	694.85	61167	0.00	692.66	Y		
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>
8.00	CIRC	VCP	174.00	174.00	05/14/1973	SUNNY	CR	HILRID CHAP16 DVD#4
DISTANCE F/T	CODE	DESCRIPTION	SEVERITY	MEAS	POSITION	OBSERVATION	COMMENTS	
1.30	1.30	AMH	ACCESS POINT MANHOLE					
35.40	35.40	TF	TAP FACTORY			3 to		
36.30	36.30	TF	TAP FACTORY			9 to		
95.00	95.00	TF	TAP FACTORY			3 to		
97.00	97.00	TF	TAP FACTORY			9 to		
148.00	148.00	TF	TAP FACTORY			9 to		
149.70	149.70	TF	TAP FACTORY			3 to		
173.90	173.90	AMH	ACCESS POINT MANHOLE					

MSD00085

PACP Tv Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>			
696858	6/29/09 3:43 pm	BERGLUND	00072	3812 MODESTO RD				
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>		
61168-ST	0.00	0.00	61168	5.95	0.00	Y		
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>
8.00	CIRC	VCP	6.10	6.10	05/14/1973	SUNNY	CR	HILRIG CHAP17 DVD#4
<u>DISTANCE F/T</u>	<u>CODE</u>	<u>DESCRIPTION</u>	<u>SEVERITY</u>	<u>MEAS</u>	<u>POSITION</u>	<u>OBSERVATION COMMENTS</u>		
0.10	0.10					at stub		
1.00	1.00	TF	TAP FACTORY		9 to			
6.00	6.00	AMH	ACCESS POINT MANHOLE					

PACP Tv Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>			
696860	6/29/09 4:08 pm	BERGLUND	00072	3902 BONIFAY CT	LETHBOROUGH DR / END OF ST			
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>		
61312	6.00	687.50	61309	0.00	686.47	Y		
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>
8.00	CIRC	VCP	106.00	106.00	05/14/1973	SUNNY	CR	HILRIG CHAP18 DVD#4
<u>DISTANCE F/T</u>	<u>CODE</u>	<u>DESCRIPTION</u>	<u>SEVERITY</u>	<u>MEAS</u>	<u>POSITION</u>	<u>OBSERVATION</u>	<u>COMMENTS</u>	
0.00	0.00	AMH	ACCESS POINT MANHOLE					
105.90	105.90	AMH	ACCESS POINT MANHOLE					

PACP 1 V Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>					
696861	6/29/09 4:20 pm	BERGLUND	00072	3901 BONIFAY CT	AT LETHBOROUGH DR					
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>				
61313	7.54	689.06	61312	0.00	687.50	Y				
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>		
8.00	CIRC	VCP	136.50	136.50	05/14/1973	SUNNY	CR	HILRIG	CHAP19	DVD#4
<u>DISTANCE F/T</u>	<u>CODE</u>	<u>DESCRIPTION</u>	<u>SEVERITY</u>	<u>MEAS</u>	<u>POSITION</u>	<u>OBSERVATION COMMENTS</u>				
0.00	0.00	AMH	ACCESS POINT MANHOLE							
72.90	72.90	RM	ROOTS MEDIUM	03	8 to 4					
73.50	73.50	RML	ROOTS MEDIUM LATERAL	03	3 to					
73.50	73.50	TF	TAP FACTORY		3 to					
75.30	75.30	RML	ROOTS MEDIUM LATERAL	03	9 to					
75.30	75.30	TF	TAP FACTORY		9 to					
77.00	77.00	RF	ROOTS FINE	01	9 to 10					
136.40	136.40	AMH	ACCESS POINT MANHOLE							

MSD00088



# PACP 1 V Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>					
696862	6/29/09 4:45 pm	BERGLUND	00072	3902 BONIFAY CT	LETHBOROUGH DR / END OF ST					
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEY</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>				
61309	8.93	686.47	61308	0.00	685.20	N				
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>		
8.00	CIRC	VCP	169.00	169.00	05/14/1973	SUNNY	EM	HILRID	CHAP20	DVD#4
DISTANCE F/T	CODE	DESCRIPTION	SEVERITY	MEAS	POSITION	OBSERVATION	COMMENTS			
0.10	0.10	AMH	ACCESS POINT MANHOLE							
62.80	62.80	TB	TAP BREAK-IN/HAMMER			10 to				
62.90	62.90	CL	CRACK, LONGITUDINAL	02		10 to				
81.50	81.50	TB	TAP BREAK-IN/HAMMER			12 to				
123.90	123.90	IR	INFILTRATION,RUNNER	04						
134.70	134.70	TFC	TAP FACTORY MADE CAPPED			3 to				
136.80	136.80	TFC	TAP FACTORY MADE CAPPED			9 to				
169.00	169.00	AMH	ACCESS POINT MANHOLE							

MSD00089

PACP 1 v Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>					
696863	6/29/09 4:51 pm	BERGLUND	00072	3902 BONIFAY CT	EA 150' W					
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>				
61308	4.80	685.20	83524	0.00	683.21	N				
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>		
8.00	CIRC	VCP	27.50	27.50	05/14/1973	SUNNY	EM	HILRIG	CHAP21	DVD#4
DISTANCE F/T	CODE	DESCRIPTION	SEVERITY	MEAS	POSITION	OBSERVATION COMMENTS				
0.10	0.10	AMH	ACCESS POINT MANHOLE							
0.10	0.10	RMB	ROOTS MEDIUM BARREL	04						
4.00	4.00	RM	ROOTS MEDIUM	03	4 to 11					
10.00	10.00	RF	ROOTS FINE	01						
20.00	20.00	RB	ROOTS BALL	04	12 to 12					

PACP 1 V Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>			
696864	6/29/09 5:07 pm	BERGLUND	00072	3908 BONIFAY CT	LETHBOROUGH DR / END OF ST			
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>		
61310	8.47	687.03	61309	0.00	686.47	Y		
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURYD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>
8.00	CIRC	VCP	140.59	140.59	05/14/1973	SUNNY	CR	HILRIG CHAP22 DVD#4
DISTANCE F/T	CODE	DESCRIPTION	SEVERITY	MEAS	POSITION	OBSERVATION	COMMENTS	
0.09	0.09	AMH	ACCESS POINT MANHOLE		3 to			
18.59	18.59	RFL	ROOTS FINE LATERAL	01	3 to			
18.59	18.59	TF	TAP FACTORY		3 to			
126.29	126.29	TF	TAP FACTORY		9 to			
140.49	140.49	AMH	ACCESS POINT MANHOLE					

MSD00091

PACP 1 v Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>					
696865	6/29/09 5:21 pm	BERGLUND	00072	3912 BONIFAY CT	LETHBOROUGH DR / END OF ST					
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEY</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEY</u>	<u>REVERSE SETUP?</u>				
61311	6.76	687.44	61310	0.00	687.03	Y				
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>		
8.00	CIRC	VCP	83.00	83.00	05/14/1973	SUNNY	CR	HILRIG	CHAP23	DVD#4
<u>DISTANCE F/T</u>	<u>CODE</u>	<u>DESCRIPTION</u>		<u>SEVERITY</u>	<u>MEAS</u>	<u>POSITION</u>	<u>OBSERVATION COMMENTS</u>			
0.00	0.00	AMH	ACCESS POINT MANHOLE							
7.30	7.30	TF	TAP FACTORY			9 to				
9.50	9.50	TF	TAP FACTORY			3 to				
39.31	39.31	AMH	ACCESS POINT MANHOLE							

MSD00092

PACP 1 V Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>					
696866	6/29/09 5:41 pm	BERGLUND	00072	4000 LONGVIEW RD	LE BEAU CT/WATTERSON TR					
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>				
41472	5.77	695.13	41471	6.67	692.93	N				
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>		
8.00	CIRC	VCP	111.00	111.00	05/14/1973	SUNNY	CR	HILRIG	CHAP24	DVD#4
DISTANCE FT	CODE	DESCRIPTION	SEVERITY	MEAS	POSITION	OBSERVATION COMMENTS				
0.10	0.10	AMH	ACCESS POINT MANHOLE							
28.50	28.50	TF	TAP FACTORY		3 to					
111.00	111.00	AMH	ACCESS POINT MANHOLE							

MSD00093

# PACP 1 V Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>			
696868	6/30/09 9:42 am	BERGLUND	00022	9212 LETHBOROUGH DR	MODESTO RD/LONGVIEW RD			
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>		
41469	5.75	698.15	61169	5.80	692.00	N		
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>
8.00	CIRC	VCP	308.00	308.00	05/14/1973	SUNNY	CR	HILRID CHAP-1 DVD#5
DISTANCE F/T	CODE	DESCRIPTION	SEVERITY	MEAS	POSITION	OBSERVATION	COMMENTS	
0.10	0.10	AMH	ACCESS POINT MANHOLE					
54.50	54.50	TF	TAP FACTORY		9 to			
56.30	56.30	RBC	ROOTS BALL CONNECTION	04	3 to			
56.30	56.30	RBL	ROOTS BALL LATERAL	04	3 to			
56.30	56.30	TFA	TAP FACTORY MADE ACTIVE		3 to			
123.70	123.70	TF	TAP FACTORY		9 to			
125.50	125.50	TF	TAP FACTORY		3 to			
178.00	178.00	TF	TAP FACTORY		9 to			
180.00	180.00	TF	TAP FACTORY		3 to			
263.00	263.00	TF	TAP FACTORY		9 to			
295.50	295.50	TF	TAP FACTORY		9 to			
308.00	308.00	AMH	ACCESS POINT MANHOLE					

PACP 1 ✓ Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>					
696869	6/30/09 9:51 am	BERGLUND	00022	9204 LETHBOROUGH DR	AT MODESTO RD					
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>				
61169	5.80	692.00	61313	7.54	689.06	N				
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>		
8.00	CIRC	VCP	85.00	85.00	05/14/1973	SUNNY	CR	HILRIG	CHAP-2	DVD#5
DISTANCE FT	CODE	DESCRIPTION	SEVERITY	MEAS	POSITION	OBSERVATION	COMMENTS			
0.10	0.10	AMH	ACCESS POINT MANHOLE							
26.20	26.20	TF	TAP FACTORY				3 to			
85.00	85.00	AMH	ACCESS POINT MANHOLE							

MSD00095

PACP 1 V Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>			
696870	6/30/09 10:37 am	BERGLUND	00022	3908 LONGVIEW RD	* AT LONGVIEW RD			
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>		
41471	6.67	692.93	61170	5.67	688.33	N		
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>
8.00	CIRC	VCP	220.00	220.00	05/14/1973	SUNNY	CR	HILRIG CHAP-3 DVD#5
DISTANCE F/T	CODE	DESCRIPTION	SEVERITY	MEAS	POSITION	OBSERVATION	COMMENTS	
0.10	0.10	AMH	ACCESS POINT MANHOLE					
80.80	80.80	TFA	TAP FACTORY MADE ACTIVE		9 to			
82.70	82.70	TF	TAP FACTORY		3 to			
175.70	175.70	TFA	TAP FACTORY MADE ACTIVE		3 to			
182.60	182.60	TFA	TAP FACTORY MADE ACTIVE		9 to			
220.00	220.00	AMH	ACCESS POINT MANHOLE					

MSD00096



# PACP 1 V Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>				
696871	6/30/09 10:52 am	BERGLUND	00022	9200 LEBEAU CT	LONGVIEW RD / END OF ST				
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>			
61170	5.67	688.33	61171	0.00	687.66	N			
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>	
8.00	CIRC	VCP	166.76	166.76	05/14/1973	SUNNY	EM	HILRIG CHAP-4	
<u>DISTANCE F/T</u>	<u>CODE</u>	<u>DESCRIPTION</u>	<u>SEVERITY</u>	<u>MEAS</u>	<u>POSITION</u>	<u>OBSERVATION COMMENTS</u>			
0.10	0.10	AMH	ACCESS POINT MANHOLE						
28.00	28.00	TF	TAP FACTORY		3 to				
30.00	30.00	TFA	TAP FACTORY MADE ACTIVE		9 to				
51.60	51.60	RF	ROOTS FINE	01	3 to				
61.80	61.80	RM	ROOTS MEDIUM	03	3 to 9				
65.00	65.00	RBC	ROOTS BALL CONNECTION	04	2 to				
65.00	65.00	RBL	ROOTS BALL LATERAL	04	2 to				
65.00	65.00	TB	TAP BREAK-IN/HAMMER		2 to				
66.90	66.90	RM	ROOTS MEDIUM	03	3 to 9				
93.00	93.00	RML	ROOTS MEDIUM LATERAL	03	9 to				
93.00	93.00	TF	TAP FACTORY		9 to				
94.80	94.80	RML	ROOTS MEDIUM LATERAL	03	3 to				
94.80	94.80	TFC	TAP FACTORY MADE CAPPED		3 to				
166.70	166.70	AMH	ACCESS POINT MANHOLE						

MSD00097

PACP 1 ✓ Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>			
696872	6/30/09 11:03 am	BERGLUND	00022	9200 LEBEAU CT	EA 160' W			
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>		
61171	7.44	687.66	61310	0.00	687.03	N		
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>
8.00	CIRC	VCP	158.03	158.03	05/14/1973	SUNNY	EM	HILRIG CHAP-5 DVD#5
DISTANCE F/T	CODE	DESCRIPTION	SEVERITY	MEAS	POSITION	OBSERVATION	COMMENTS	
0.10	0.10	AMH	ACCESS POINT MANHOLE					
18.70	18.70	RBL	ROOTS BALL LATERAL	04	9 to			
18.70	18.70	TF	TAP FACTORY		9 to			
21.00	21.00	TFC	TAP FACTORY MADE CAPPED		3 to			
132.00	132.00	TB	TAP BREAK-IN/HAMMER		2 to			
132.30	132.30	CL	CRACK, LONGITUDINAL	02	2 to			
158.00	158.00	AMH	ACCESS POINT MANHOLE					

PACP 1 v Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>			
696873	6/30/09 12:39 pm	BERGLUND	00022	9310 LEBEAU CT	LONGVIEW RD/END OF ST			
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>		
41473	6.03	700.17	41471	6.67	692.93	Y		
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>
8.00	CIRC	VCP	406.00	406.00	05/14/1973	SUNNY	CR	HILRIG CHAP-6 DVD#5
DISTANCE FT'	CODE	DESCRIPTION	SEVERITY	MEAS	POSITION	OBSERVATION	COMMENTS	
0.00	0.00	AMH	ACCESS POINT MANHOLE					
21.20	21.20	TF	TAP FACTORY		3 to			
27.00	27.00	TF	TAP FACTORY		9 to			
79.30	79.30	TF	TAP FACTORY		3 to			
81.50	81.50	TF	TAP FACTORY		9 to			
129.00	129.00	TF	TAP FACTORY		3 to			
130.80	130.80	TF	TAP FACTORY		9 to			
193.50	193.50	TF	TAP FACTORY		3 to			
195.40	195.40	RFL	ROOTS FINE LATERAL	01	9 to			
195.40	195.40	TF	TAP FACTORY		9 to			
253.40	253.40	TF	TAP FACTORY		3 to			
255.20	255.20	TF	TAP FACTORY		9 to			
399.90	399.90	AMH	ACCESS POINT MANHOLE					

MSD00099

PACP 1 v Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>			
696874	6/30/09 12:58 pm	BERGLUND	00022	9312 LEBEAU CT	LONGVIEW RD/END OF ST			
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>		
41473-ST	6.03	700.48	41473	6.03	700.17	Y		
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>
8.00	CIRC	VCP	14.21	14.21	05/14/1973	SUNNY	CR	HILRIG CHAP-7 DVD#5
DISTANCE F/T	CODE	DESCRIPTION	SEVERITY	MEAS	POSITION	OBSERVATION	COMMENTS	
0.71	0.71	MSA MISC SURVEY ABANDONED					.can not pass root ball.	
0.71	0.71	TF TAP FACTORY			3 to		may have heavy roots.can not pass root ball.	
1.51	1.51	RB ROOTS BALL	04		1 to 6			
3.21	3.21	RBC ROOTS BALL CONNECTION	04		9 to			
3.21	3.21	TF TAP FACTORY			9 to			
14.11	14.11	AMH ACCESS POINT MANHOLE						

MSD00100

PACP 1 ✓ Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>			
696878	6/30/09 1:16 pm	BERGLUND	00022	3906 LONGVIEW RD	LETHBOROUGH DR/LE BEAU CT			
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>		
41470	6.01	695.99	41471	6.23	692.93	Y		
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>
8.00	CIRC	VCP	140.00	140.00	05/14/1973	SUNNY	CR	HILRIG CHAP-7 DVD#5
<u>DISTANCE F/T</u>	<u>CODE</u>	<u>DESCRIPTION</u>	<u>SEVERITY</u>	<u>MEAS</u>	<u>POSITION</u>	<u>OBSERVATION</u>	<u>COMMENTS</u>	
0.00	0.00	AMH	ACCESS POINT MANHOLE					
137.90	137.90	AMH	ACCESS POINT MANHOLE					

# PACP 1 V Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>				
696879	6/30/09 1:25 pm	BERGLUND	00022	3903 LONGVIEW RD	LETHBOROUGH DR/LE BEAU CT				
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>			
41474	5.86	699.84	41470	6.01	695.99	Y			
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>	
8.00	CIRC	VCP	184.00	184.00	05/14/1973	SUNNY	CR	HILRIG	CHAP-8 DVD#5
DISTANCE FT	CODE	DESCRIPTION	SEVERITY	MEAS	POSITION	OBSERVATION	COMMENTS		
0.00	0.00	AMH	ACCESS POINT MANHOLE						
46.00	46.00	TF	TAP FACTORY			3 to			
108.30	108.30	TF	TAP FACTORY			3 to			
166.00	166.00	TF	TAP FACTORY			3 to			
167.40	167.40	TF	TAP FACTORY			9 to			
183.90	183.90	AMH	ACCESS POINT MANHOLE						

PACP TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>				
696880	6/30/09 2:12 pm	BERGLUND	00022	3904 LETHBOROUGH CT	LETHBOROUGH DR / END OF ST				
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>			
61306	5.79	681.91	61305	0.00	674.78	N			
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>	
8.00	CIRC	VCP	155.00	155.00	07/09/1965	SUNNY	EM	HILRIG	CHAP-9 DVD#5
DISTANCE F/T	CODE	DESCRIPTION	SEVERITY	MEAS	POSITION	OBSERVATION	COMMENTS		
0.10	0.10	AMH	ACCESS POINT MANHOLE						
30.50	30.50	RF	ROOTS FINE	01	4 to 6				
40.10	40.10	CL	CRACK, LONGITUDINAL	02	12 to				
40.10	40.10	RM	ROOTS MEDIUM	03	2 to 9				
43.00	43.00	RB	ROOTS BALL	04	6 to 9				
63.30	63.30	RM	ROOTS MEDIUM	03	2 to 5				
78.50	78.50	RM	ROOTS MEDIUM	03	3 to 9				
84.00	84.00	RM	ROOTS MEDIUM	03	3 to 11				
89.10	89.10	RM	ROOTS MEDIUM	03	3 to 11				
94.00	94.00	RF	ROOTS FINE	01	3 to 5				
99.00	99.00	RF	ROOTS FINE	01					
100.00	100.00	RBL	ROOTS BALL LATERAL	04	3 to				
100.00	100.00	TF	TAP FACTORY		3 to				
101.20	101.20	RBL	ROOTS BALL LATERAL	04	7 to 11				
102.00	102.00	RBL	ROOTS BALL LATERAL	04	9 to				
102.00	102.00	RMC	ROOTS MEDIUM CONNECTION	03	9 to				
102.00	102.00	TF	TAP FACTORY		9 to				
118.00	123.00	RF	ROOTS FINE	01	2 to 5				
126.30	126.30	TB	TAP BREAK-IN/HAMMER		2 to				
143.00	143.00	RM	ROOTS MEDIUM	03	4 to 6				
155.00	155.00	AMH	ACCESS POINT MANHOLE						

PACP 1 v Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>					
696882	6/30/09 2:33 pm	BERGLUND	00022	3904 LETHBOROUGH CT	LETHBOROUGH DR / END OF ST					
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>				
61306-ST	0.00	681.99	61306	0.00	681.91	Y				
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>		
8.00	CIRC	VCP	15.00	15.00	07/09/1965	SUNNY	CR	HILRIG	CHAP10	DVD#5
DISTANCE F/T	CODE	DESCRIPTION	SEVERITY	MEAS	POSITION	OBSERVATION COMMENTS				
3.00	3.00				9 to	at stub of line				
3.50	3.50	RBC	ROOTS BALL CONNECTION	04	9 to					
3.50	3.50	RBL	ROOTS BALL LATERAL	04	9 to					
3.50	3.50	TF	TAP FACTORY		9 to					
4.00	4.00	RM	ROOTS MEDIUM	03	12 to 12					
5.50	5.50	RBC	ROOTS BALL CONNECTION	04	3 to					
5.50	5.50	RBL	ROOTS BALL LATERAL	04	3 to					
5.50	5.50	TF	TAP FACTORY		3 to					
7.00	7.00	RM	ROOTS MEDIUM	03	12 to 12					
14.90	14.90	AMH	ACCESS POINT MANHOLE							
14.90	14.90	RMB	ROOTS MEDIUM BARREL	04						



PACP 1 v Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>					
696883	6/30/09 3:02 pm	BERGLUND	00022	9108 LETHBOROUGH DR	LETHBOROUGH CT / BONIFAY CT					
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>				
61314	5.82	691.18	61315	0.00	686.19	N				
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>		
8.00	CIRC	VCP	231.50	231.50	05/14/1973	SUNNY	CR	HILRIG	CHAP11	DVD#5
<u>DISTANCE F/T</u>	<u>CODE</u>	<u>DESCRIPTION</u>	<u>SEVERITY</u>	<u>MEAS</u>	<u>POSITION</u>	<u>OBSERVATION COMMENTS</u>				
0.10	0.10	AMH	ACCESS POINT MANHOLE							
18.30	18.30	RMC	ROOTS MEDIUM CONNECTION	03	3 to					
18.30	18.30	TF	TAP FACTORY		3 to					
29.80	29.80	RB	ROOTS BALL	04	12 to 9					
51.00	51.00	TF	TAP FACTORY		9 to					
78.00	78.00	TF	TAP FACTORY		3 to					
145.50	145.50	TF	TAP FACTORY		9 to					
147.20	147.20	TF	TAP FACTORY		3 to					
209.50	209.50	TF	TAP FACTORY		3 to					
231.50	231.50	AMH	ACCESS POINT MANHOLE							

MSD00105

# PACP $\sqrt$ Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>				
696885	7/1/09 9:37 am	BERGLUND	00305	9102 LETHBOROUGH DR	LETHBOROUGH CT / BONIFAY CT				
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEY</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEY</u>	<u>REVERSE SETUP?</u>			
61315	6.81	686.19	61316	0.00	685.65	N			
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>	
8.00	CIRC	VCP	142.50	142.50	05/14/1973	SUNNY	CR	HILRIG	CHAP12 DVD#5
<u>DISTANCE F/T</u>	<u>CODE</u>	<u>DESCRIPTION</u>	<u>SEVERITY</u>	<u>MEAS</u>	<u>POSITION</u>	<u>OBSERVATION COMMENTS</u>			
0.10	0.10	AMH ACCESS POINT MANHOLE				FORCE MAIN IS LOCATED IN UP STREAM MH.			
12.80	12.80	TF TAP FACTORY			9 to				
19.30	19.30	TF TAP FACTORY			3 to				
126.60	126.60	RBC ROOTS BALL CONNECTION	04		3 to				
126.60	126.60	TF TAP FACTORY			3 to				
142.30	142.30	AMH ACCESS POINT MANHOLE							
142.30	142.30	RMB ROOTS MEDIUM BARREL	04						

PACP  $\checkmark$  Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>			
696886	7/1/09 10:06 am	BERGLUND	00305	9024 LETHBOROUGH DR	LETHBOROUGH CT / BONIFAY CT			
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>		
61316	5.67	685.63	61317	0.00	671.70	N		
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>
8.00	CIRC	VCP	403.30	403.30	07/09/1965	SUNNY	CR	HILRIG CHAP13 DVD#5
DISTANCE F/T	CODE	DESCRIPTION	SEVERITY	MEAS	POSITION	OBSERVATION	COMMENTS	
0.10	0.10	AMH	ACCESS POINT MANHOLE					
20.00	20.00	FM	FRACTURE,MULTIPLE	04				
20.00	22.00	RF	ROOTS FINE	01			ROOTS IN CRACKS.	
21.50	21.50	RBC	ROOTS BALL CONNECTION	04	9 to			
21.50	21.50	RBL	ROOTS BALL LATERAL	04	9 to			
21.50	21.50	TF	TAP FACTORY		9 to			
22.70	22.70	CC	CRACK, CIRCUMFERENTIAL	01	12 to 6			
134.00	134.00	TF	TAP FACTORY		9 to			
144.60	144.60	TF	TAP FACTORY		3 to			
241.50	246.70	CM	CRACK, MULTIPLE	03				
308.00	308.00	TF	TAP FACTORY		3 to			
343.50	343.50	FC	FRACTURE,CIRCUMFERENTIAL	02	10 to 6			
403.30	403.30	AMH	ACCESS POINT MANHOLE					

PACP 1 V Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>				
696887	7/1/09 10:34 am	BERGLUND	00305	9012 LETHBOROUGH DR	SAN MARCOS RD / BAYONNE CT				
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>			
61318	5.70	672.50	61317	0.00	671.30	Y			
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>	
8.00	CIRC	VCP	233.00	233.00	07/09/1965	SUNNY	CR	HILRIG	CHAP14 DVD#5
<u>DISTANCE F/T</u>	<u>CODE</u>	<u>DESCRIPTION</u>	<u>SEVERITY</u>	<u>MEAS</u>	<u>POSITION</u>	<u>OBSERVATION COMMENTS</u>			
0.00	0.00	AMH	ACCESS POINT MANHOLE						
13.30	13.30	TF	TAP FACTORY		9 to				
15.00	15.00	TF	TAP FACTORY		3 to				
97.50	97.50	RF	ROOTS FINE	01					
108.00	118.00	RF	ROOTS FINE	01	9 to 11				
123.00	123.00	RF	ROOTS FINE	01	11 to				
138.30	138.30	RM	ROOTS MEDIUM	03	9 to 6				
158.40	158.40	RF	ROOTS FINE	01	2 to 5				
168.70	168.70	RM	ROOTS MEDIUM	03	6 to 1				
169.00	169.00	TF	TAP FACTORY		3 to				
170.70	170.70	RM	ROOTS MEDIUM	03	5 to 9				
185.80	185.80	RF	ROOTS FINE	01	9 to				
232.90	232.90	AMH	ACCESS POINT MANHOLE						

# PACP 1 V Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>					
696888	7/1/09 11:01 am	BERGLUND	00305	9014 LETHBOROUGH DR	AT BAYONNE CT					
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>				
61317	5.60	671.30	61295	0.00	666.30	N				
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>		
8.00	CIRC	VCP	258.23	258.23	07/09/1965	SUNNY	CR	HILRIG	CHAP15	DVD#5
DISTANCE F/T	CODE	DESCRIPTION	SEVERITY	MEAS	POSITION	OBSERVATION COMMENTS				
0.10	0.10	AMH	ACCESS POINT MANHOLE							
23.10	23.10	LD	LINE DOWN	01						
94.00	94.00	RF	ROOTS FINE	01	5 to					
119.80	119.80	TF	TAP FACTORY		3 to					
122.00	122.00	TF	TAP FACTORY		9 to					
228.00	228.00	CC	CRACK, CIRCUMFERENTIAL	01	2 to 10					
255.00	255.00	LD	LINE DOWN	01	6 to					DROP INLET
258.00	258.00	AMH	ACCESS POINT MANHOLE							DROP INLET

PACP 1 v Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>			
696889	7/1/09 12:12 pm	BERGLUND	00305	3904 BAYONNE CT	LETHBOROUGH DR / END OF ST			
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>		
61295	8.15	663.85	61294	0.00	656.40	N		
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>
8.00	CIRC	VCP	276.00	276.00	07/09/1965	SUNNY	CR	HILRIG CHAP16 DVD#5
<u>DISTANCE F/T</u>	<u>CODE</u>	<u>DESCRIPTION</u>	<u>SEVERITY</u>	<u>MEAS</u>	<u>POSITION</u>	<u>OBSERVATION</u>	<u>COMMENTS</u>	
0.10	0.10	AMH ACCESS POINT MANHOLE						
105.00	105.00	TF TAP FACTORY				3 to		
255.00	255.00	AMH ACCESS POINT MANHOLE						
258.80	258.80	RML ROOTS MEDIUM LATERAL		03		3 to		
258.80	258.80	TF TAP FACTORY				3 to		

MSD00110

PACP 1 v Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>	<u>REVERSE SETUP?</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>
696890	7/1/09 1:06 pm	BERGLUND	00305	3912 BAYONNE CT	LETHBOROUGH DR / END OF ST	N	CLOUDY	EM	HILRIG CHAP17 DVD#5
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>				
61294	6.80	656.40	61293	0.00	654.23				
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>SEVERITY</u>	<u>MEAS</u>	<u>POSITION</u>	<u>OBSERVATION COMMENTS</u>
8.00	CIRC	VCP	210.00	210.00	07/09/1965				
0.10	0.10	AMH	ACCESS POINT MANHOLE					3 to	
16.30	16.30	TF	TAP FACTORY						SWAG. 1/2 PIPE
67.00	72.00	LD	LINE DOWN		04				
67.50	67.50	DSGV	DEPOSITS SETTLED GRAVEL		05				
67.50	67.50	MCU	MISC CAMERA UNDERWATER		04				LINE IS FULL. WILL NEED TO FLUSH AND CLEAR.
94.00	94.00	TFA	TAP FACTORY MADE ACTIVE					3 to	
96.00	96.00	RFL	ROOTS FINE LATERAL		01			9 to	
96.00	96.00	TF	TAP FACTORY					9 to	
168.40	168.40	RF	ROOTS FINE		01			3 to	
188.40	188.40	CL	CRACK, LONGITUDINAL		02			3 to	
210.00	210.00	AMH	ACCESS POINT MANHOLE						

MSD00111

PACP 1 v Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>					
696892	7/1/09 1:38 pm	BERGLUND	00305	3905 BAYONNE CT	LETHBOROUGH DR / END OF ST					
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>				
61295-ST	0.00	664.00	61295	0.00	663.85	Y				
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>		
8.00	CIRC	VCP	55.00	55.00	07/09/1965	CLOUDY	IS	HILRIG	CHAP18	DVD#5
<u>DISTANCE F/T</u>	<u>CODE</u>	<u>DESCRIPTION</u>		<u>SEVERITY</u>	<u>MEAS</u>	<u>POSITION</u>	<u>OBSERVATION COMMENTS</u>			
4.30	4.30	RM	ROOTS MEDIUM	03		2 to 10				
6.50	6.50	MSA	MISC SURVEY ABANDONED			3 to	can not pass roots			
6.50	6.50	RML	ROOTS MEDIUM LATERAL	03		3 to				
6.50	6.50	TF	TAP FACTORY			3 to				
10.00	10.00	RM	ROOTS MEDIUM	03		2 to 10				
11.00	11.00	RB	ROOTS BALL	04		6 to 12				
12.00	12.00	RM	ROOTS MEDIUM	03		7 to 10				
15.10	15.10	RF	ROOTS FINE	01						
15.50	15.50	RBC	ROOTS BALL CONNECTION	04		9 to 10				
15.50	15.50	RBL	ROOTS BALL LATERAL	04		9 to 10				
15.50	15.50	TF	TAP FACTORY			9 to 10				
16.90	16.90	RM	ROOTS MEDIUM	03		2 to 10				
29.90	29.90	AMH	ACCESS POINT MANHOLE							

MSD00112



PACP 1 v Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>			
696893	7/1/09 2:19 pm	BERGLUND	00305	8904 LA COSTA RD	STONY BROOK DR / COTTAGEHILL RD			
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>		
61284	5.81	654.49	61283	0.00	653.84	N		
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>
8.00	CIRC	VCP	130.73	130.73	07/09/1965	SUNNY	IS	HILRIG CHAP19 DVD#5
<u>DISTANCE F/T</u>	<u>CODE</u>	<u>DESCRIPTION</u>	<u>SEVERITY</u>	<u>MEAS</u>	<u>POSITION</u>	<u>OBSERVATION COMMENTS</u>		
0.10	0.10	AMH ACCESS POINT MANHOLE						
59.90	87.50	RM ROOTS MEDIUM	03		8 to 12			
86.00	86.00	RML ROOTS MEDIUM LATERAL	03		3 to			
86.00	86.00	TF TAP FACTORY			3 to			
102.30	102.30	RF ROOTS FINE	01		9 to			
130.00	130.00	AMH ACCESS POINT MANHOLE						

MSD00113

PACP Inspection for Hill Ridge

INSPNO	COMP DTTM	COMPBY	CREW	ADDRESS	ADDRESS QUALIFIER			
696894	7/1/09 3:03 pm	BERGLUND	00305	4101 COTTAGEHILL RD	* COTTAGEHILL RD / SAN MARCOS RD			
UPS MANHOLE	UPS DPTH	UPS ELEV	DWN MANHOLE	DWN DPTH	DWN ELEV	REVERSE SETUP?		
61283	7.96	653.84	61282	0.00	652.51	N		
DIA	SHAPE	MATERIAL	PIPE LGTH	SURVD LGTH	INST DATE	WEATHER	LOC	MEDIA INFO
8.00	CIRC	VCP	265.10	265.10	07/09/1965	CLOUDY	CR	HILRIG CHAP20 DVD#5
DISTANCE F/T	CODE	DESCRIPTION	SEVERITY	MEAS	POSITION	OBSERVATION	COMMENTS	
0.10	0.10	AMH ACCESS POINT MANHOLE			3 to			
23.50	23.50	TF TAP FACTORY						
100.30	100.30	RF ROOTS FINE	01					
105.20	105.20	RF ROOTS FINE	01					
115.00	115.00	RF ROOTS FINE	01					
125.50	142.00	RM ROOTS MEDIUM	03		3 to 10			
141.00	141.00	RBL ROOTS BALL LATERAL	04		3 to			
141.00	141.00	TF TAP FACTORY						
162.70	182.00	RM ROOTS MEDIUM	03		12 to 12			
193.10	193.10	RM ROOTS MEDIUM	03		12 to 12			
193.60	193.60	RBC ROOTS BALL CONNECTION	04		3 to			
193.60	193.60	RBL ROOTS BALL LATERAL	04		3 to			
193.60	193.60	TF TAP FACTORY						
194.70	194.70	RM ROOTS MEDIUM	03		5 to 12			
199.90	199.90	RF ROOTS FINE	01		9 to			
216.00	216.00	RF ROOTS FINE	01		2 to 5			
225.00	225.00	RF ROOTS FINE	01		2 to 5			
241.80	241.80	RM ROOTS MEDIUM	03		4 to 12			
250.00	250.00	RM ROOTS MEDIUM	03		12 to 12			
256.00	256.00	RBC ROOTS BALL CONNECTION	04		3 to			
256.00	256.00	RBL ROOTS BALL LATERAL	04		3 to			
256.00	256.00	TF TAP FACTORY						
257.00	257.00	RF ROOTS FINE	01					
264.00	264.00	AMH ACCESS POINT MANHOLE						

PACP 1 V Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>			
696897	7/1/09 3:22 pm	BERGLUND	00072	8914 LA COSTA RD	COTTAGEHILL RD / SAN MARCOS RD			
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEY</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEY</u>	<u>REVERSE SETUP?</u>		
61282	7.39	652.51	61281	0.00	644.49	N		
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>
8.00	CIRC	VCP	163.00	163.00	07/09/1965	CLOUDY	EM	HILRIG CHAP-1 DVD#6
<u>DISTANCE F/T</u>	<u>CODE</u>	<u>DESCRIPTION</u>	<u>SEVERITY</u>	<u>MEAS</u>	<u>POSITION</u>	<u>OBSERVATION</u>	<u>COMMENTS</u>	
0.10	0.10	AMH	ACCESS POINT MANHOLE					
163.00	163.00	AMH	ACCESS POINT MANHOLE					

MSD00115

PACP 1 v Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>				
696899	7/1/09 4:14 pm	BERGLUND	00072	8913 LETHBOROUGH DR	AT SAN MARCOS RD				
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>			
61276	6.11	668.19	61275	0.00	666.20	N			
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>	
8.00	CIRC	VCP	399.50	399.50	07/09/1965	CLOUDY	CR	HILRIG	CHAP-2 DVD#6
DISTANCE F/T	CODE	DESCRIPTION	SEVERITY	MEAS	POSITION	OBSERVATION	COMMENTS		
2.50	2.50	AMH	ACCESS POINT MANHOLE						
16.50	16.50	TFC	TAP FACTORY MADE CAPPED		9 to				
84.00	84.00	TF	TAP FACTORY		3 to				
86.00	86.00	TF	TAP FACTORY		9 to				
107.00	107.00	CL	CRACK, LONGITUDINAL	02	6 to				
178.00	178.00	RML	ROOTS MEDIUM LATERAL	03	9 to				
178.00	178.00	TF	TAP FACTORY		9 to				
180.00	224.50	RF	ROOTS FINE	01					
228.30	228.30	CL	CRACK, LONGITUDINAL	02	3 to				
230.00	230.00	RM	ROOTS MEDIUM	03	8 to 4				
235.00	252.10	RF	ROOTS FINE	01	9 to				
235.40	235.40	RBC	ROOTS BALL CONNECTION	04	9 to				
235.40	235.40	RBL	ROOTS BALL LATERAL	04	9 to				
235.40	235.40	TF	TAP FACTORY		9 to				
252.70	252.70	RBC	ROOTS BALL CONNECTION	04	3 to				
252.70	252.70	RBL	ROOTS BALL LATERAL	04	3 to				
252.70	252.70	TF	TAP FACTORY		3 to				
264.00	299.10	RF	ROOTS FINE	01					
309.50	319.10	RM	ROOTS MEDIUM	03	7 to 9				
319.80	319.80	RBL	ROOTS BALL LATERAL	04	9 to				
319.80	319.80	TF	TAP FACTORY		9 to				
321.50	321.50	RBC	ROOTS BALL CONNECTION	04	3 to				
321.50	321.50	RBL	ROOTS BALL LATERAL	04	3 to				
321.50	321.50	TF	TAP FACTORY		3 to				
322.90	322.90	RM	ROOTS MEDIUM	03	2 to 9				
323.10	323.10	RF	ROOTS FINE	01	9 to				

## PACP 1 v Inspections for Hill Ridge

328.10	328.10	RF	ROOTS FINE	01	5 to 9
337.00	383.20	RF	ROOTS FINE	01	12 to 12
387.50	387.50	RF	ROOTS FINE	01	12 to 12
393.50	393.50	RBC	ROOTS BALL CONNECTION	04	3 to
393.50	393.50	RBL	ROOTS BALL LATERAL	04	3 to
393.50	393.50	TF	TAP FACTORY	03	12 to 12
394.50	394.50	RM	ROOTS MEDIUM		
399.40	399.40				

THE VIDEO FOR THIS LINE SEGMENT LOCATED ON DVD#6 CHAP-2 HAS THE WRONG ADDRESS AND MH#.

# PACP 1 v Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>				
696900	7/1/09 4:29 pm	BERGLUND	00072	9000 LETHBOROUGH DR	SAN MARCOS RD / BAYONNE CT				
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>			
61276-ST	0.00	668.33	61276	0.00	668.19	Y			
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>	
8.00	CIRC	VCP	36.00	36.00	07/09/1965	CLOUDY	CR	HILRIG	CHAP-3 DVD#6
DISTANCE F/T	CODE	DESCRIPTION	SEVERITY	MEAS	POSITION	OBSERVATION COMMENTS			
4.00	4.00					at stub of man			
5.00	5.00	RML	ROOTS MEDIUM LATERAL	03	9 to				
5.00	5.00	TF	TAP FACTORY		9 to				
8.00	8.00	RBC	ROOTS BALL CONNECTION	04	3 to				
8.00	8.00	RBL	ROOTS BALL LATERAL	04	3 to				
8.00	8.00	TF	TAP FACTORY		3 to				
23.10	23.10	TF	TAP FACTORY		9 to				
24.60	24.60	JOM	JOINT,OFFSET(DISPLACED),MEDIUM	01		looks if grout was used at joint.			
28.90	28.90	AMH	ACCESS POINT MANHOLE						

PACP 1 v Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>			
696901	7/1/09 4:53 pm	BERGLUND	00072	8908 LETHBOROUGH DR	STONY BROOK DR / SAN MARCOS RD			
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>		
61275	5.60	665.70	61274	0.00	657.60	N		
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>
8.00	CIRC	VCP	230.50	230.50	07/09/1965	CLOUDY	CR	HILRIG CHAP-4 DVD#6
<u>DISTANCE F/T</u>	<u>CODE</u>	<u>DESCRIPTION</u>	<u>SEVERITY</u>	<u>MEAS</u>	<u>POSITION</u>	<u>OBSERVATION COMMENTS</u>		
0.10	.010	AMH ACCESS POINT MANHOLE			7 to 11			
10.70	21.00	RF ROOTS FINE	01		3 to			
47.00	47.00	RFL ROOTS FINE LATERAL	01		3 to			
47.00	47.00	TF TAP FACTORY			9 to			
69.20	69.20	TF TAP FACTORY			3 to			
126.10	126.10	RFL ROOTS FINE LATERAL	01		3 to			
126.10	126.10	TF TAP FACTORY			9 to			
128.00	128.00	RFL ROOTS FINE LATERAL	01		9 to			
128.00	128.00	TF TAP FACTORY			12 to	at drop joint		
204.00	204.00	FL FRACTURE, LONGITUDINAL	03		12 to			
204.00	204.00	JOM JOINT, OFFSET(DISPLACED), MEDIUM	01					
230.50	230.50	AMH ACCESS POINT MANHOLE						

PACr TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>				
696903	7/1/09 5:16 pm	BERGLUND	00072	8910 LARGO CT	SAN MARCOS RD / END OF ST				
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>			
61279-ST	0.00	658.39	61279	0.00	658.14	Y			
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>	
8.00	CIRC	VCP	50.00	50.00	07/09/1965	CLOUDY	IS	HILRIG	CHAP-5 DVD#6
<u>DISTANCE F/T</u>	<u>CODE</u>	<u>DESCRIPTION</u>	<u>SEVERITY</u>	<u>MEAS</u>	<u>POSITION</u>	<u>OBSERVATION COMMENTS</u>			
0.00	0.00	TF	TAP FACTORY		9 to	at stub of line.			
6.30	6.30	RF	ROOTS FINE	01	6 to 11				
11.20	11.20	RF	ROOTS FINE	01	3 to 6				
15.30	15.30	RF	ROOTS FINE	01	12 to 12				
26.20	26.20	RF	ROOTS FINE	01	12 to 12				
32.00	32.00	RFL	ROOTS FINE LATERAL	01	9 to				
32.00	32.00	TF	TAP FACTORY		9 to				
49.90	49.90	AMH	ACCESS POINT MANHOLE						

MSD00120



PACr FV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>					
696906	7/2/09 10:12 am	BERGLUND	00072	4414 MANSFIELD ESTATES DR						
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>				
107627	5.70	655.45	107626	9.25	647.42	Y				
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>		
8.00	CIRC	PVC	340.11	340.11	07/08/2004	CLOUDY	RW	HILRIG	CHAP-6	DVD#6
<u>DISTANCE F/T</u>	<u>CODE</u>	<u>DESCRIPTION</u>	<u>SEVERITY</u>	<u>MEAS</u>	<u>POSITION</u>	<u>OBSERVATION COMMENTS</u>				
0.01	0.01	AMH	ACCESS POINT MANHOLE							
36.91	36.91	TF	TAP FACTORY			9 to				
124.81	124.81	TF	TAP FACTORY			9 to				
234.61	234.61	TF	TAP FACTORY			9 to				
294.61	294.61	TF	TAP FACTORY			9 to				
308.61	308.61	TFC	TAP FACTORY MADE CAPPED			9 to				
340.01	340.01	AMH	ACCESS POINT MANHOLE							PVC LINE.

MSD00121

# PACr IV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>				
696907	7/2/09 10:18 am	BERGLUND	00072	4414 MANSFIELD ESTATES DR					
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>			
107627-ST	0.00	655.50	107627	5.70	655.45	Y			
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>	
8.00	CIRC	PVC	10.00	10.00	07/08/2004	CLOUDY	RW	HILRIG	CHAP-7 DVD#6
<u>DISTANCE F/T</u>		<u>CODE</u>	<u>DESCRIPTION</u>	<u>SEVERITY</u>	<u>MEAS</u>	<u>POSITION</u>	<u>OBSERVATION COMMENTS</u>		
0.00	0.00					9 to	AT STUB.		
0.50	0.50	TF	TAP FACTORY			9 to			
9.90	9.90	AMH	ACCESS POINT MANHOLE						

PACr TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>			
696908	7/2/09 10:34 am	BERGLUND	00072	4422 MANSFIELD ESTATES DR				
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>		
108270	6.55	654.18	107626	5.66	651.01	Y		
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>
8.00	CIRC	PVC	162.03	162.03	07/08/2004	CLOUDY	EMR	HILRIG CHAP-8 DVD#6
<u>DISTANCE F/T</u>	<u>CODE</u>	<u>DESCRIPTION</u>	<u>SEVERITY</u>	<u>MEAS</u>	<u>POSITION</u>	<u>OBSERVATION</u>	<u>COMMENTS</u>	
0.03	0.03	AMH	ACCESS POINT MANHOLE					
78.03	78.03	TF	TAP FACTORY		3 to			
84.23	84.23	TF	TAP FACTORY		9 to			
161.93	161.93	AMH	ACCESS POINT MANHOLE				DROP INLET.	

# PACr TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>			
696910	7/2/09 10:46 am	BERGLUND	00072	4425 MANSFIELD ESTATES DR	RUNS FROM CUL-DE-SAC INTO ESMT			
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEY</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEY</u>	<u>REVERSE SETUP?</u>		
107626	9.25	647.42	107625	4.61	636.74	N		
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>
8.00	CIRC	PVC	133.79	133.79	07/08/2004	CLOUDY	EMS	HILRIG CHAP-9 DVD#6
DISTANCE F/T	CODE	DESCRIPTION	SEVERITY	MEAS	POSITION	OBSERVATION	COMMENTS	
0.10	0.10	AMH	ACCESS POINT MANHOLE					
24.40	24.40	TF	TAP FACTORY		3 to			
112.60	112.60	TF	TAP FACTORY		3 to			
133.70	133.70	AMH	ACCESS POINT MANHOLE					

# PACF TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>			
696911	7/2/09 11:51 am	BERGLUND	00022	4421 MANSFIELD ESTATES DR				
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>		
107625	4.61	636.74	107624	19.39	634.95	N		
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>
8.00	CIRC	PVC	400.49	400.49	07/08/2004	CLOUDY	EMR	HILRIG CHAP10 DVD#6
DISTANCE F/T	CODE	DESCRIPTION	SEVERITY	MEAS	POSITION	OBSERVATION	COMMENTS	
0.10	0.10	AMH	ACCESS POINT MANHOLE					
33.50	33.50	TF	TAP FACTORY		9 to			
130.70	130.70	TF	TAP FACTORY		9 to			
213.00	213.00	TF	TAP FACTORY		12 to			
297.00	297.00	TF	TAP FACTORY		12 to			
385.00	385.00	TF	TAP FACTORY		12 to			
400.00	400.00	AMH	ACCESS POINT MANHOLE					

PACr TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>					
696936	7/3/09 9:18 am	BERGLUND	00072	3915 SAN MARCOS RD	LARGO CT / LA COSTA RD					
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>				
61290	7.67	649.53	61281	0.00	644.49	N				
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>		
8.00	CIRC	VCP	217.00	217.00	07/09/1965	SUNNY	EM	HILRIG	CHAP11	DVD#6
<u>DISTANCE F/T</u>	<u>CODE</u>	<u>DESCRIPTION</u>	<u>SEVERITY</u>	<u>MEAS</u>	<u>POSITION</u>	<u>OBSERVATION COMMENTS</u>				
0.10	0.10	AMH	ACCESS POINT MANHOLE							
85.00	85.00	TF	TAP FACTORY					9 to		
107.50	107.50	TF	TAP FACTORY					3 to		
133.20	133.20	ID	INFILTRATION,DRIPPER			03				
133.20	133.20	RF	ROOTS FINE			01				
159.00	159.00	TF	TAP FACTORY					9 to		
215.00	215.00	AMH	ACCESS POINT MANHOLE							

MSD00126

# PACr TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>	<u>REVERSE SETUP?</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>
696937	7/3/09 9:29 am	BERGLUND	00072	8913 LA COSTA RD	EA 160' NW				
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEY</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEY</u>				
61281	4.80	644.49	61280	0.00	639.84				
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>		<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>
8.00	CIRC	VCP	197.00	197.00	07/09/1965		SUNNY	EM	HILRIG CHAP12 DVD#6
<u>DISTANCE F/T</u>	<u>CODE</u>	<u>DESCRIPTION</u>	<u>SEVERITY</u>	<u>MEAS</u>	<u>POSITION</u>	<u>OBSERVATION COMMENTS</u>			
0.10	0.10	AMH	ACCESS POINT MANHOLE						
37.00	37.00	TF	TAP FACTORY						
59.80	59.80	TB	TAP BREAK-IN/HAMMER						
114.00	114.00	TF	TAP FACTORY						
176.20	176.20	DAZ	DEPOSITS ATTACHED OTHER	04					
176.20	176.20	TF	TAP FACTORY						
197.00	197.00	AMH	ACCESS POINT MANHOLE						

MSD00127

# PACr TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>			
696938	7/3/09 9:46 am	BERGLUND	00072	8909 LA COSTA RD	EA 160' NW			
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>		
61280	5.60	639.84	61277	0.00	637.58	N		
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>
8.00	CIRC	VCP	99.50	99.50	07/09/1965	SUNNY	EM	HILRIG CHAP13 DVD#6
DISTANCE F/T	CODE	DESCRIPTION	SEVERITY	MEAS	POSITION	OBSERVATION	COMMENTS	
0.10	0.10	AMH	ACCESS POINT MANHOLE					
33.50	33.50	TFA	TAP FACTORY MADE ACTIVE		9 to			
50.80	50.80	TF	TAP FACTORY		9 to			
72.00	72.00	IR	INFILTRATION,RUNNER	04	12 to			
99.50	99.50	AMH	ACCESS POINT MANHOLE					



PACr TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>				
696939	7/3/09 10:26 am	BERGLUND	00072	8901 LARGO CT	EA 240' SW				
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>			
61277	4.75	637.58	61268	0.00	635.32	N			
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>	
8.00	CIRC	VCP	282.50	282.50	07/09/1965	SUNNY	EM	HILRIG	CHAP14 DVD#6
DISTANCE F/T	CODE	DESCRIPTION	SEVERITY	MEAS	POSITION	OBSERVATION	COMMENTS		
37.50	37.50	TF TAP FACTORY			9 to				
124.80	124.80	TF TAP FACTORY			9 to				
145.00	152.00	ID INFILTRATION,DRIPPER	03				i/i coming from crack.		
145.20	152.00	CL CRACK, LONGITUDINAL	02		10 to				
170.70	170.70	JOM JOINT,OFFSET(DISPLACED),MEDIUM	01						
201.30	201.30	RF ROOTS FINE	01		12 to 12				
202.70	202.70	TF TAP FACTORY			9 to				
247.50	251.60	RPR POINT REPAIR,PIPE REPLACED							
251.60	251.60	JAM JOINT,ANGULAR,MEDIUM	01				at end of point repair.		
281.70	281.70	AMH ACCESS POINT MANHOLE							

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PACr TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>			
696941	7/3/09 10:47 am	BERGLUND	00072	4016 STONY BROOK DR	LETHBOROUGH DR / LA COSTA RD			
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>		
61268	7.28	635.32	61267-W	0.00	632.30	N		
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>
8.00	CIRC	VCP	168.00	168.00	07/09/1965	SUNNY	EM	HILRIG CHAP15 DVD#6
DISTANCE F/T	CODE	DESCRIPTION	SEVERITY	MEAS	POSITION	OBSERVATION	COMMENTS	
0.10	0.10	AMH	ACCESS POINT MANHOLE					
25.00	25.00	CC	CRACK, CIRCUMFERENTIAL	01	12 to 6			
25.00	25.00	ID	INFILTRATION,DRIPPER	03	12 to 6			
25.00	25.00	RF	ROOTS FINE	01	12 to 6			
31.30	31.30	RM	ROOTS MEDIUM	03	6 to 11			
41.50	41.50	RB	ROOTS BALL	04	12 to 12			
158.00	158.00	RB	ROOTS BALL	04	7 to 5			
164.70	164.70	RM	ROOTS MEDIUM	03	12 to 5			
166.50	166.50	AWW	ACCESS POINT WETWELL					

MSD00130

PACr TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>				
696942	7/3/09 12:50 pm	BERGLUND	00072	9306 COLLINGWOOD RD	EA 190' N				
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>			
73365	5.16	676.44	61305	0.00	674.78	Y			
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>	
8.00	CIRC	VCP	181.00	181.00	05/14/1973	SUNNY	EM	HILRIG	CHAP16 DVD#6
<u>DISTANCE F/T</u>	<u>CODE</u>	<u>DESCRIPTION</u>	<u>SEVERITY</u>	<u>MEAS</u>	<u>POSITION</u>	<u>OBSERVATION COMMENTS</u>			
0.00	0.00	AMH	ACCESS POINT MANHOLE			NO MH.LOCATED FOR MH.#73365.NEXT MH IS 83524.			
8.90	8.90	TF	TAP FACTORY		3 to				
25.20	35.00	RPR	POINT REPAIR,PIPE REPLACED						
35.00	35.00	JAM	JOINT,ANGULAR,MEDIUM	01		AT START OF REPAIR,			
45.30	45.30	RFL	ROOTS FINE LATERAL	01	3 to				
46.50	46.50	RF	ROOTS FINE	01					
51.40	51.40	AMH	ACCESS POINT MANHOLE						

MSD00131

PACr TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>					
696943	7/3/09 12:58 pm	BERGLUND	00072	3902 BONIFAY CT	EA 170' W					
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>				
83524	4.99	683.21	61307	0.00	678.10	Y				
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>		
8.00	CIRC	VCP	70.50	70.50	05/14/1973	SUNNY	EM	HILRIG	CHAP17	DVD#6
DISTANCE F/T	CODE	DESCRIPTION	SEVERITY	MEAS	POSITION	OBSERVATION COMMENTS				
0.00	0.00	AMH	ACCESS POINT MANHOLE							
4.00	4.00	RB	ROOTS BALL	04	I to II					
42.50	42.50	RF	ROOTS FINE	01						
70.40	70.40	AMH	ACCESS POINT MANHOLE							

PACP TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>				
696944	7/17/09 10:02 am	BERGLUND	00072	9305 COLLINGWOOD RD	EA 175' N				
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>			
61305	4.00	674.78	61304	0.00	669.39	N			
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>	
8.00	CIRC	VCP	134.80	134.80	07/09/1965	SUNNY	EM	HILRIG	
				<u>SEVERITY</u>	<u>MEAS</u>	<u>POSITION</u>	<u>OBSERVATION COMMENTS</u>		
<u>DISTANCE F/T</u>	<u>CODE</u>	<u>DESCRIPTION</u>							

PACr TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>			
696945	7/3/09 1:46 pm	BERGLUND	00072	8806 WATTERSON TRL				
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>		
107621	4.43	616.31	107620	9.71	616.00	N		
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>
8.00	CIRC	PVC	58.00	58.00	07/08/2004	SUNNY	EMF	HILRIG CHAP18 DVD#6
<u>DISTANCE F/T</u>	<u>CODE</u>	<u>DESCRIPTION</u>	<u>SEVERITY</u>	<u>MEAS</u>	<u>POSITION</u>	<u>OBSERVATION</u>	<u>COMMENTS</u>	
0.10	0.10	AMH	ACCESS POINT MANHOLE					
58.00	58.00	AMH	ACCESS POINT MANHOLE					

PACr TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>	<u>REVERSE SETUP?</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>
696946	7/3/09 1:54 pm	BERGLUND	00072	8806 WATTERSON TRL		N	SUNNY	EMF	HILRJG CHAP19 DVD#6
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>		<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>
107620	9.71	616.00	107619	12.38	615.66		SUNNY	EMF	HILRJG CHAP19 DVD#6
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>SEVERITY</u>	<u>MEAS</u>	<u>POSITION</u>	<u>OBSERVATION COMMENTS</u>
8.00	CIRC	PVC	69.07	69.07	07/08/2004				
DISTANCE F/T	CODE	DESCRIPTION							
0.10	0.10	AMH	ACCESS POINT MANHOLE						
0.10	69.00	DAGS	DEPOSITS ATTACHED GREASE		02				
69.00	69.00	AMH	ACCESS POINT MANHOLE						

MSD00135

PACP TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>				
696947	7/3/09 2:13 pm	BERGLUND	00072	8806 WATTERSON TRL					
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>			
107619	12.38	615.66	83674	3.69	615.13	N			
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>	
8.00	CIRC	PVC	86.55	86.55	07/08/2004	SUNNY	EMF	HILRIG	CHAP20 DVD#6
<u>DISTANCE F/T</u>	<u>CODE</u>	<u>DESCRIPTION</u>	<u>SEVERITY</u>	<u>MEAS</u>	<u>POSITION</u>	<u>OBSERVATION COMMENTS</u>			
0.10	0.10	AMH	ACCESS POINT MANHOLE						
29.00	29.00	TF	TAP FACTORY		3 to				
65.00	65.00	LD	LINE DOWN	04		SWAG. 1/2PIPE			
72.00	72.00	DSF	DEPOSITS SETTLED FINE	03		SWAG. 1/2 PIPE WITH SILT.CAN NOT SEE.			
72.00	72.00	MSA	MISC SURVEY ABANDONED			SWAG. 1/2 PIPE WITH SILT.CAN NOT SEE.			



PACr TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>				
696948	7/3/09 2:46 pm	BERGLUND	00072	4401 MANSFIELD ESTATES DR	RUNS FROM ESMT INTO RIGHT OF WAY				
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>			
107622	5.74	621.42	107621	4.43	616.31	Y			
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>	
8.00	CIRC	PVC	205.16	205.16	07/08/2004	SUNNY	EMS	HILRIG	CHAP-1 DVD#7
<u>DISTANCE F/T</u>	<u>CODE</u>	<u>DESCRIPTION</u>	<u>SEVERITY</u>	<u>MEAS</u>	<u>POSITION</u>	<u>OBSERVATION COMMENTS</u>			
0.16	0.16	AMH	ACCESS POINT MANHOLE			MH IS BURIED.			
107.16	110.16	LD	LINE DOWN	02		1/4 PIPE SWAG			
205.06	205.06	AMH	ACCESS POINT MANHOLE						

PACP TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>			
697001	7/10/09 1:41 pm	BERGLUND	00022	9714 SOUTHERN BREEZE LN				
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEY</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEY</u>	<u>REVERSE SETUP?</u>		
112992	6.99	691.15	112991	6.36	682.21	Y		
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>
8.00	CIRC	PVC	247.20	247.20	08/31/2007	SUNNY	RW	HILRIG CHAP-2 DVD#7
<u>DISTANCE F/T</u>	<u>CODE</u>	<u>DESCRIPTION</u>	<u>SEVERITY</u>	<u>MEAS</u>	<u>POSITION</u>	<u>OBSERVATION</u>	<u>COMMENTS</u>	
9.50	9.50	AMH	ACCESS POINT MANHOLE					
61.20	61.20	TF	TAP FACTORY		3 to			
66.40	66.40	TF	TAP FACTORY		9 to			
150.20	150.20	TF	TAP FACTORY		9 to			
195.20	195.20	TF	TAP FACTORY		3 to			
222.70	222.70	TF	TAP FACTORY		9 to			
247.10	247.10	AMH	ACCESS POINT MANHOLE					

PACP TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>					
697002	7/10/09 1:47 pm	BERGLUND	00022	9714 SOUTHERN BREEZE LN						
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>				
112992-ST	0.00	691.25	112992	6.99	691.15	Y				
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>		
8.00	CIRC	PVC	10.00	10.00	08/31/2007	SUNNY	RW	HILRIG	CHAP-3	DVD#7
<u>DISTANCE F/T</u>	<u>CODE</u>	<u>DESCRIPTION</u>	<u>SEVERITY</u>	<u>MEAS</u>	<u>POSITION</u>	<u>OBSERVATION COMMENTS</u>				
0.00	0.00					AT STUB OF LINE.				
2.50	2.50	TF	TAP FACTORY							
9.90	9.90	AMH	ACCESS POINT MANHOLE							

PACr TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>					
697003	7/10/09 2:01 pm	BERGLUND	00022	9710 SOUTHERN BREEZE LN						
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>				
112991	6.36	682.21	112990	7.80	674.04	N				
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>		
8.00	CIRC	PVC	283.10	283.10	08/31/2007	SUNNY	RW	HILRIG	CHAP-4	DVD#7
DISTANCE F/T	CODE	DESCRIPTION	SEVERITY	MEAS	POSITION	OBSERVATION COMMENTS				
0.10	0.10	AMH	ACCESS POINT MANHOLE							
50.00	50.00	TFA	TAP FACTORY MADE ACTIVE		3 to					
133.50	133.50	TF	TAP FACTORY		3 to					
162.40	162.40	TF	TAP FACTORY		9 to					
277.00	277.00	LD	LINE DOWN	01	6 to	DROP INLET				
281.50	281.50	AMH	ACCESS POINT MANHOLE							

# PACr TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>			
697005	7/10/09 2:15 pm	BERGLUND	00022	4400 SCARLET ROSE CT				
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>		
112993	6.73	683.29	112991	6.36	682.21	Y		
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>
8.00	CIRC	PVC	195.60	195.60	08/31/2007	SUNNY	RW	HILRIG CHAP-4 DVD#7
DISTANCE F/T	CODE	DESCRIPTION	SEVERITY	MEAS	POSITION	OBSERVATION	COMMENTS	
0.00	0.00	AMH	ACCESS POINT MANHOLE					
3.60	3.60	TF	TAP FACTORY		3 to			
38.10	38.10	TF	TAP FACTORY		9 to			
195.50	195.50	AMH	ACCESS POINT MANHOLE					

# PACr TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>			
697006	7/10/09 2:20 pm	BERGLUND	00022	4400 SCARLET ROSE CT				
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEY</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEY</u>	<u>REVERSE SETUP?</u>		
112993-ST	0.00	683.39	112993	6.73	683.29	Y		
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>
8.00	CIRC	PVC	10.00	10.00	08/31/2007	SUNNY	CU	HILRIG CHAP-5 DVD#7
<u>DISTANCE F/T</u>	<u>CODE</u>	<u>DESCRIPTION</u>	<u>SEVERITY</u>	<u>MEAS</u>	<u>POSITION</u>	<u>OBSERVATION</u>	<u>COMMENTS</u>	
0.00	0.00	TF	TAP FACTORY		12 to	COMING IN AT END OF STUB		
9.90	9.90	AMH	ACCESS POINT MANHOLE					

# PACP TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>			
697007	7/10/09 2:42 pm	BERGLUND	00022	9704 SOUTHERN BREEZE LN				
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>		
112990	12.02	669.82	112989	7.51	668.10	N		
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>
8.00	CIRC	PVC	127.80	127.80	08/31/2007	SUNNY	RW	HILRIG CHAP-6 DVD#7
DISTANCE F/T	CODE	DESCRIPTION	SEVERITY	MEAS	POSITION	OBSERVATION	COMMENTS	
0.10	0.10	AMH	ACCESS POINT MANHOLE					
58.80	58.80	TF	TAP FACTORY		3 to			
76.60	76.60	TF	TAP FACTORY		9 to			
119.50	119.50				3 to			
125.00	125.00	AMH	ACCESS POINT MANHOLE					

# PACP TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>			
697008	7/10/09 3:00 pm	BERGLUND	00022	9702 SOUTHERN BREEZE LN				
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>		
112989	7.51	668.10	112988	7.29	663.64	N		
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>
8.00	CIRC	PVC	270.80	270.80	08/31/2007	SUNNY	RW	HILRIG CHAP-7 DVD#7
DISTANCE F/T	CODE	DESCRIPTION	SEVERITY	MEAS	POSITION	OBSERVATION	COMMENTS	
0.10	0.10	AMH	ACCESS POINT MANHOLE					
64.00	64.00	TF	TAP FACTORY		9 to			
94.50	94.50	TF	TAP FACTORY		3 to			
144.00	144.00	TF	TAP FACTORY		9 to			
244.00	244.00	TF	TAP FACTORY		9 to			
245.50	245.50	TF	TAP FACTORY		3 to			
270.80	270.80	AMH	ACCESS POINT MANHOLE		3 to			

MSD00144



# PACr TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>			
697009	7/10/09 3:22 pm	BERGLUND	00022	9616 SOUTHERN BREEZE LN				
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>		
112988	7.29	663.64	112987	11.44	662.55	N		
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>
8.00	CIRC	PVC	149.70	149.70	08/31/2007	SUNNY	RW	HILRIG CHAP-8 DVD#7
DISTANCE F/T	CODE	DESCRIPTION	SEVERITY	MEAS	POSITION	OBSERVATION	COMMENTS	
0.10	0.10	AMH	ACCESS POINT MANHOLE					
58.70	58.70	TF	TAP FACTORY		3 to			
64.00	64.00	TF	TAP FACTORY		9 to			
149.30	149.30	AMH	ACCESS POINT MANHOLE					

PAC, TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>			
697010	7/10/09 4:08 pm	BERGLUND	00022	4402 BLUE WISTERIA CT				
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>		
112994	7.46	677.11	112990	7.80	674.04	Y		
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>
8.00	CIRC	PVC	205.50	205.50	08/31/2007	SUNNY	RW	HILRIG CHAP-9 DVD#7
DISTANCE F/T	CODE	DESCRIPTION	SEVERITY	MEAS	POSITION	OBSERVATION	COMMENTS	
9.10	9.10	AMH	ACCESS POINT MANHOLE					
15.50	15.50	TF	TAP FACTORY			3 to		
50.50	50.50					9 to		
130.00	130.00	TF	TAP FACTORY			9 to		
150.20	150.20	TF	TAP FACTORY			3 to		
205.40	205.40	AMH	ACCESS POINT MANHOLE					

PACr TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>			
697011	7/10/09 4:16 pm	BERGLUND	00022	4400 BLUE WISTERIA CT				
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>		
112994-ST	0.00	677.21	112994	7.46	677.11	Y		
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>
8.00	CIRC	PVC	10.00	10.00	08/31/2007	SUNNY	CU	HILRIG CHAP10 DVD#7
<u>DISTANCE F/T</u>	<u>CODE</u>	<u>DESCRIPTION</u>	<u>SEVERITY</u>	<u>MEAS</u>	<u>POSITION</u>	<u>OBSERVATION COMMENTS</u>		
0.00	0.00	TF	TAP FACTORY		12 to	COMING INTO END OF STUB.		
9.90	9.90	AMH	ACCESS POINT MANHOLE					

MSD00147

PACr TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>					
697013	7/10/09 4:47 pm	BERGLUND	36023	9612 SOUTHERN BREEZE LN						
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>				
112987	11.44	662.55	112986	4.82	659.89	N				
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>		
8.00	CIRC	PVC	102.40	102.40	08/31/2007	34393	EMS	HILRIG	CHAPII	DVD#7
DISTANCE F/T	CODE	DESCRIPTION	SEVERITY	MEAS	POSITION	OBSERVATION COMMENTS				
2.90	2.90	AMH	ACCESS POINT MANHOLE							
87.40	87.40	TF	TAP FACTORY		3 to					
92.40	92.40	TF	TAP FACTORY		9 to					
102.30	102.30	AMH	ACCESS POINT MANHOLE							

MSD00148

PAC TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>			
697015	7/10/09 5:09 pm	BERGLUND	36023	9612 SOUTHERN BREEZE LN				
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>		
112986	7.40	657.31	112985	6.18	655.51	N		
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>
8.00	CIRC	PVC	317.00	317.00	08/31/2007	SUNNY	EM	HILRIG CHAP12 DVD#7
DISTANCE F/T	CODE	DESCRIPTION	SEVERITY	MEAS	POSITION	OBSERVATION	COMMENTS	
0.10	0.10	AMH	ACCESS POINT MANHOLE					
55.50	55.50	TFC	TAP FACTORY MADE CAPPED		3 to			
273.50	273.50	TFC	TAP FACTORY MADE CAPPED		9 to			
313.00	313.00	LD	LINE DOWN	01	6 to	drop inlet of mh,		
317.00	317.00	AMH	ACCESS POINT MANHOLE					

# PACr TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>			
697016	7/10/09 5:40 pm	BERGLUND	36023	9607 SOUTHERN BREEZE LN				
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>		
112996	8.78	664.70	112995	5.62	649.34	N		
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>
8.00	CIRC	PVC	184.00	184.00	08/31/2007	SUNNY	EMS	HILRIG CHAP13 DVD#7
<u>DISTANCE F/T</u>	<u>CODE</u>	<u>DESCRIPTION</u>	<u>SEVERITY</u>	<u>MEAS</u>	<u>POSITION</u>	<u>OBSERVATION</u>	<u>COMMENTS</u>	
0.10	0.10	AMH	ACCESS POINT MANHOLE					
87.00	87.00	TFC	TAP FACTORY MADE CAPPED		3 to			
92.00	92.00	TFC	TAP FACTORY MADE CAPPED		9 to			
184.00	184.00	AMH	ACCESS POINT MANHOLE					

PACr fV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>			
697017	7/10/09 5:55 pm	BERGLUND	36023	9605 SOUTHERN BREEZE LN				
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>		
112997	5.98	665.42	112996	8.78	664.70	Y		
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>
8.00	CIRC	PVC	103.37	103.37	08/31/2007	SUNNY	RW	HILRIG CHAP14 DVD#7
DISTANCE F/T	CODE	DESCRIPTION	SEVERITY	MEAS	POSITION	OBSERVATION	COMMENTS	
14.57	14.57	AMH	ACCESS POINT MANHOLE					
57.37	57.37	TF	TAP FACTORY		9 to			
99.37	99.37	TF	TAP FACTORY		9 to			
103.27	103.27	AMH	ACCESS POINT MANHOLE					

PACr IV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>			
697018	7/10/09 5:59 pm	BERGLUND	36023	9603 SOUTHERN BREEZE LN				
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>		
112997-ST	0.00	665.52	112997	5.98	665.42	Y		
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>
8.00	CIRC	PVC	10.00	10.00	08/31/2007	SUNNY	RW	HILRIG CHAP15 DVD#7
<u>DISTANCE F/T</u>	<u>CODE</u>	<u>DESCRIPTION</u>	<u>SEVERITY</u>	<u>MEAS</u>	<u>POSITION</u>	<u>OBSERVATION</u>	<u>COMMENTS</u>	
0.00	0.00						at end of stub	
4.50	4.50	TF	TAP FACTORY		9 to			
9.90	9.90	AMH	ACCESS POINT MANHOLE					

MSD00152



PACr fV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>			
697021	7/11/09 9:17 am	BERGLUND	36023	4403 SCARLET ROSE CT				
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>		
113000	5.42	689.62	112999	5.85	675.57	N		
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>
8.00	CIRC	PVC	184.30	184.30	08/31/2007	SUNNY	EMR	HILRIG CHAP16 DVD#7
DISTANCE F/T	CODE	DESCRIPTION	SEVERITY	MEAS	POSITION	OBSERVATION COMMENTS		
0.10	0.10	AMH	ACCESS POINT MANHOLE					
63.00	63.00	TFC	TAP FACTORY MADE CAPPED		9 to			
166.70	166.70	TF	TAP FACTORY		3 to			
184.30	184.30	AMH	ACCESS POINT MANHOLE					

PACr TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>			
697022	7/11/09 9:36 am	BERGLUND	36023	9600 SOUTHERN BREEZE LN				
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>		
112999	5.85	675.57	112998	6.98	654.39	N		
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>
8.00	CIRC	PVC	183.20	183.20	08/31/2007	SUNNY	EMR	HILRIG CHAP17 DVD#7
DISTANCE F/T	CODE	DESCRIPTION	SEVERITY	MEAS	POSITION	OBSERVATION	COMMENTS	
0.10	0.10	AMH	ACCESS POINT MANHOLE					
35.50	35.50	TFC	TAP FACTORY MADE CAPPED		9 to			
123.00	123.00	TFC	TAP FACTORY MADE CAPPED		3 to			
124.50	124.50	TFC	TAP FACTORY MADE CAPPED		9 to			
149.20	149.20	TFC	TAP FACTORY MADE CAPPED		3 to			
154.50	154.50	TFC	TAP FACTORY MADE CAPPED		9 to			
183.20	183.20	AMH	ACCESS POINT MANHOLE					

PACr TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>			
697023	7/11/09 9:49 am	BERGLUND	36023	4403 SCARLET ROSE CT				
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>		
113000-ST	0.00	689.72	113000	5.42	689.62	Y		
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>
8.00	CIRC	PVC	10.00	10.00	08/31/2007	SUNNY	EMR	HILRIG CHAP18 DVD#7
DISTANCE F/T	CODE	DESCRIPTION	SEVERITY	MEAS	POSITION	OBSERVATION	COMMENTS	
3.00	3.00						at stub of main.	
5.00	5.00	TFC	TAP FACTORY MADE CAPPED		3 to			
9.90	9.90	AMH	ACCESS POINT MANHOLE					

PACr TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>			
697024	7/11/09 10:35 am	BERGLUND	36023	9600 SOUTHERN BREEZE LN				
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>		
112998	6.98	654.39	112995	5.62	649.34	Y		
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>
8.00	CIRC	PVC	363.30	363.30	08/31/2007	CLOUDY	EMR	HILRIG CHAP19 DVD#7
<u>DISTANCE FT</u>	<u>CODE</u>	<u>DESCRIPTION</u>	<u>SEVERITY</u>	<u>MEAS</u>	<u>POSITION</u>	<u>OBSERVATION COMMENTS</u>		
46.30	46.30					can see mh.line is slick and track can not get to mh.used zoom.no service lins left to tv,		
150.30	150.30	TFC	TAP FACTORY MADE CAPPED		9 to			
219.30	219.30	TFC	TAP FACTORY MADE CAPPED		9 to			
363.20	363.20	AMH	ACCESS POINT MANHOLE					

PACr TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>			
697025	7/11/09 11:35 am	BERGLUND	36023	9606 SOUTHERN BREEZE LN				
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>		
112995	5.62	649.34	112985	13.93	647.76	N		
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>
8.00	CIRC	PVC	339.50	339.50	08/31/2007	CLOUDY	EMR	HILRIG CHAP20 DVD#7
<u>DISTANCE F/T</u>	<u>CODE</u>	<u>DESCRIPTION</u>	<u>SEVERITY</u>	<u>MEAS</u>	<u>POSITION</u>	<u>OBSERVATION</u>	<u>COMMENTS</u>	
0.10	0.10	AMH	ACCESS POINT MANHOLE					
73.50	73.50	TFC	TAP FACTORY MADE CAPPED			3 to		
124.00	124.00	TFC	TAP FACTORY MADE CAPPED			3 to		
330.00	330.00	AMH	ACCESS POINT MANHOLE					

PACr TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP.DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>			
697026	7/11/09 11:51 am	BERGLUND	36023	4407 JASMINE VALLEY CT				
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>		
112985	13.93	647.76	112984	4.85	645.32	N		
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>
8.00	CIRC	PVC	213.30	213.30	08/31/2007	CLOUDY	EMR	HILRIG CHAP21 DVD#7
DISTANCE F/T	CODE	DESCRIPTION	SEVERITY	MEAS	POSITION	OBSERVATION	COMMENTS	
1.00	1.00	AMH ACCESS POINT MANHOLE						
134.50	134.50	TFC TAP FACTORY MADE CAPPED			3 to			
184.00	184.00	TFC TAP FACTORY MADE CAPPED			3 to			
211.50	211.50	AMH ACCESS POINT MANHOLE						

PACr TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>			
697027	7/11/09 1.39 pm	BERGLUND	36023	4404 JASMINE VALLEY CT				
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>		
112984	4.85	645.32	112983	5.60	638.10	Y		
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>
8.00	CIRC	PVC	259.10	259.10	08/31/2007	CLOUDY	EMR	HILRIG CHAP23 DVD#7
DISTANCE F/T	CODE	DESCRIPTION	SEVERITY	MEAS	POSITION	OBSERVATION	COMMENTS	
16.10	16.10	AMH ACCESS POINT MANHOLE						
259.00	259.00	AMH ACCESS POINT MANHOLE						

PACr TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>			
697028	7/11/09 1:30 pm	BERGLUND	36023	8803 WATTERSON TRL				
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>		
112983	5.60	638.10	112983A	4.04	637.59	Y		
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>
8.00	CIRC	PVC	49.60	49.60	08/31/2007	CLOUDY	EM	HILRIG CHAP22 DVD#7
<u>DISTANCE F/T</u>	<u>CODE</u>	<u>DESCRIPTION</u>	<u>SEVERITY</u>	<u>MEAS</u>	<u>POSITION</u>	<u>OBSERVATION</u>	<u>COMMENTS</u>	
6.60	6.60	AMH	ACCESS POINT MANHOLE					
49.50	49.50	AMH	ACCESS POINT MANHOLE					



# PACr TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>					
697029	7/11/09 1:47 pm	BERGLUND	36023	8803 WATTERSON TRL						
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>				
112983A	4.04	637.59	41571	6.33	636.73	N				
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>		
8.00	CIRC	PVC	30.30	30.30	08/31/2007	CLOUDY	EM	HILRIG	CHAP24	DVD#7
DISTANCE FT	CODE	DESCRIPTION	SEVERITY	MEAS	POSITION	OBSERVATION	COMMENTS			
0.10	0.10	AMH ACCESS POINT MANHOLE								
28.00	28.00	AMH ACCESS POINT MANHOLE								

# PACP TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>			
697030	7/11/09 2:35 pm	BERGLUND	36023	9014 COLLINGWOOD RD	EA 170' SE			
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>		
41570	5.00	645.25	41571	0.00	634.53	Y		
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>
8.00	CIRC	VCP	151.00	151.00	07/09/1965	CLOUDY	EM	HILRIG CHAP-1 DVD#8
DISTANCE FT	CODE	DESCRIPTION	SEVERITY	MEAS	POSITION	OBSERVATION	COMMENTS	
47.00	47.00	MSA MISC SURVEY ABANDONED				ROOTS BLOCKING CAMERA.		
47.00	47.00	RB ROOTS BALL	04		12 to 12			
82.80	82.80	RF ROOTS FINE	01		5 to			
90.20	90.20	RF ROOTS FINE	01		11 to			
90.20	90.20	TB TAP BREAK-IN/HAMMER			11 to			
109.00	109.00	RF ROOTS FINE	01		4 to			
128.20	128.20	TF TAP FACTORY		0.50	3 to	WITH PLASTIC REPAIR.		
130.10	130.10	TFC TAP FACTORY MADE CAPPED			9 to			
140.50	140.50	RF ROOTS FINE	01					
150.90	150.90	AMH ACCESS POINT MANHOLE						

# PACr TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>																		
697103	7/29/09 3:45 pm	BERGLUND	00022	8703 WATTERSON TRL	EA 185' NE	<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>											
41574	5.80	642.54	41576	0.00	627.85							Y	<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>		
8.00	CIRC	VCP	198.50	198.50	07/09/1965	SUNNY	EM	HILRIG	CHAP20	DVD#9	<u>DISTANCE F/T</u>	<u>CODE</u>	<u>DESCRIPTION</u>	<u>SEVERITY</u>	<u>MEAS</u>	<u>POSITION</u>	<u>OBSERVATION COMMENTS</u>						
25.80	25.80	MSA	MISC SURVEY ABANDONED														due to root ball.						
25.80	25.80	RB	ROOTS BALL	04												12 to 12							
30.80	30.80	RFL	ROOTS FINE LATERAL	01												10 to							
30.80	30.80	TB	TAP BREAK-IN/HAMMER													10 to							
41.50	55.60	RF	ROOTS FINE	01																			
70.80	70.80	RF	ROOTS FINE	01																			
71.00	71.00	RBL	ROOTS BALL LATERAL	04												9 to							
71.00	71.00	TF	TAP FACTORY													9 to							
73.10	73.10	RF	ROOTS FINE	01																			
76.50	83.20	RPR	POINT REPAIR,PIPE REPLACED																				
76.70	76.70	JOM	JOINT,OFFSET(DISPLACED),MEDIUM	01																			
77.70	77.70	TFC	TAP FACTORY MADE CAPPED													12 to							
87.40	87.40	RM	ROOTS MEDIUM	03												7 to 2							
91.80	91.80	RM	ROOTS MEDIUM	03												7 to 2							
96.70	96.70	RF	ROOTS FINE	01																			
102.30	102.30	RM	ROOTS MEDIUM	03												8 to 12							
137.30	137.30	RF	ROOTS FINE	01																			
142.60	142.60	RM	ROOTS MEDIUM	03												8 to 4							
147.30	147.30	RM	ROOTS MEDIUM	03												8 to 4							
157.70	157.70	RM	ROOTS MEDIUM	03												9 to							
157.70	157.70	RML	ROOTS MEDIUM LATERAL	03												9 to							
157.70	157.70	TF	TAP FACTORY													9 to							
158.80	158.80	RM	ROOTS MEDIUM	03												6 to 2							
163.70	163.70	RF	ROOTS FINE	01												8 to							
183.50	183.50	RB	ROOTS BALL	04												8 to 5							
184.50	184.50	RF	ROOTS FINE	01																			

# PACr TV Inspections for Hill Ridge

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198.40	198.40	AMH	ACCESS POINT MANHOLE
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PACr FV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>			
697132	7/22/09 1:38 pm	BERGLUND	00022	3708 BRISTOL OAKS DR	FOUR OAKS CT / END OF ST			
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>		
61247	5.94	647.66	61248	0.00	646.70	N		
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>
8.00	CIRC	VCP	243.00	243.00	06/13/1978	RAIN	RW	HILRIG CHAP-3 <i>DVD#8</i>
DISTANCE F/T	CODE	DESCRIPTION	SEVERITY	MEAS	POSITION	OBSERVATION	COMMENTS	
0.10	0.10	AMH	ACCESS POINT MANHOLE					
19.70	19.70	RML	ROOTS MEDIUM LATERAL	03	3 to			
19.70	19.70	TF	TAP FACTORY		3 to			
83.00	83.00	TF	TAP FACTORY		3 to			
100.00	100.00	TF	TAP FACTORY		9 to			
143.00	143.00	TF	TAP FACTORY		3 to			
197.50	197.50	RM	ROOTS MEDIUM	03	2 to 5			
198.00	198.00	RBC	ROOTS BALL CONNECTION	04	3 to			
198.00	198.00	RBL	ROOTS BALL LATERAL	04	3 to			
198.00	198.00	TF	TAP FACTORY		3 to			
199.10	199.10	RF	ROOTS FINE	01				
243.00	243.00	AMH	ACCESS POINT MANHOLE					

MSD00165

PACr TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>			
697139	7/22/09 1:18 pm	BERGLUND	00022	3701 BRISTOL OAKS DR	FOUR OAKS CT / END OF ST			
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>		
61246	6.89	648.31	61247	0.00	647.66	N		
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>
8.00	CIRC	VCP	132.00	132.00	06/13/1978	RAIN	CR	HILRIG CHAP-2 DVD#8
DISTANCE F/T	CODE	DESCRIPTION	SEVERITY	MEAS	POSITION	OBSERVATION	COMMENTS	
0.10	0.10	AMH	ACCESS POINT MANHOLE					
51.50	51.50	TF	TAP FACTORY		3 to			
74.40	74.40	TF	TAP FACTORY		9 to			
105.80	105.80	RB	ROOTS BALL	04	2 to 10			
108.00	108.00	RM	ROOTS MEDIUM	03	2 to 3			
132.00	132.00	AMH	ACCESS POINT MANHOLE					

MSD00166

PACr TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>			
697140	7/22/09 1:44 pm	BERGLUND	00022	3701 BRISTOL OAKS DR	FOUR OAKS CT / END OF ST			
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>		
61246-ST	0.00	648.34	61246	0.00	648.31	Y		
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>
8.00	CIRC	VCP	5.00	5.00	06/13/1978	RAIN	CR	HILRIG CHAP-4 DVD#8
<u>DISTANCE F/T</u>	<u>CODE</u>	<u>DESCRIPTION</u>	<u>SEVERITY</u>	<u>MEAS</u>	<u>POSITION</u>	<u>OBSERVATION</u>	<u>COMMENTS</u>	
0.00	0.00						at end of stub	
0.50	0.50	TF	TAP FACTORY		9 to			
4.90	4.90	AMH	ACCESS POINT MANHOLE					

# PACr TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>			
697141	7/22/09 2:16 pm	BERGLUND	00022	3718 BRISTOL OAKS DR	AT FOUR OAKS CT			
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>		
61248	9.70	646.70	61251	0.00	645.10	Y		
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>
8.00	CIRC	VCP	414.50	414.50	06/13/1978	RAIN	RW	HILRIG CHAP-5 <i>DWA8</i>
DISTANCE F/T	CODE	DESCRIPTION	SEVERITY	MEAS	POSITION	OBSERVATION	COMMENTS	
9.00	9.00	AMH	ACCESS POINT MANHOLE					
25.70	25.70	TF	TAP FACTORY		9 to			
85.50	85.50	TF	TAP FACTORY		9 to			
143.50	143.50	TF	TAP FACTORY		9 to			
167.50	167.50	TF	TAP FACTORY		3 to			
196.50	196.50	TF	TAP FACTORY		9 to			
231.20	231.20	TF	TAP FACTORY		3 to			
268.50	268.50	TF	TAP FACTORY		9 to			
333.80	333.80	TF	TAP FACTORY		9 to			
414.40	414.40	AMH	ACCESS POINT MANHOLE					

MSD00168



# PACr TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>			
697142	7/22/09 2:30 pm	BERGLUND	00022	8706 AVONDALE CT	BRISTOL OAKS DR / KIRBY LN			
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>		
61252	5.80	650.90	61251	0.00	648.56	Y		
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>
8.00	CIRC	VCP	169.00	169.00	06/13/1978	RAIN	IS	HILRIG CHAP-6 DVD#8
DISTANCE F/T	CODE	DESCRIPTION	SEVERITY	MEAS	POSITION	OBSERVATION	COMMENTS	
0.00	0.00	AMH	ACCESS POINT MANHOLE					
22.00	22.00	RBC	ROOTS BALL CONNECTION	04	3 to			
22.00	22.00	RBL	ROOTS BALL LATERAL	04	3 to			
22.00	22.00	TF	TAP FACTORY		3 to			
79.30	79.30	TF	TAP FACTORY		3 to			
166.90	166.90	AMH	ACCESS POINT MANHOLE					

MSD00169

PACr TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>			
697143	7/22/09 2:53 pm	BERGLUND	00022	8718 AVONDALE CT	BRISTOL OAKS DR / KIRBY LN			
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>		
61253	6.00	653.60	61252	0.00	650.90	Y		
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>
8.00	CIRC	VCP	384.94	384.94	06/13/1978	RAIN	RW	HILRIG CHAP-7 DVD#8
DISTANCE F/T	CODE	DESCRIPTION	SEVERITY	MEAS	POSITION	OBSERVATION	COMMENTS	
14.04	14.04	MSA	MISC SURVEY ABANDONED				camera can not pass root ball	
14.04	14.04	RB	ROOTS BALL	04	12 to 12		camera can not pass.	
46.94	46.94	TF	TAP FACTORY		3 to			
108.94	108.94	RF	ROOTS FINE	01				
109.94	109.94	RBC	ROOTS BALL CONNECTION	04	3 to			
109.94	109.94	TF	TAP FACTORY		3 to			
111.74	111.74	RF	ROOTS FINE	01				
121.94	121.94	RMC	ROOTS MEDIUM CONNECTION	03	9 to			
121.94	121.94	TF	TAP FACTORY		9 to			
139.94	164.34	RF	ROOTS FINE	01				
169.94	169.94	RBC	ROOTS BALL CONNECTION	04	3 to			
169.94	169.94	RBL	ROOTS BALL LATERAL	04	3 to			
169.94	169.94	TF	TAP FACTORY		3 to			
172.14	172.14	RF	ROOTS FINE	01				
181.14	181.14	RF	ROOTS FINE	01				
227.94	227.94	TF	TAP FACTORY		3 to			
239.24	239.24	TF	TAP FACTORY		9 to			
281.64	281.64	TF	TAP FACTORY		3 to			
349.94	349.94	TF	TAP FACTORY		3 to			
376.94	376.94	TF	TAP FACTORY		9 to			
384.84	384.84	AMH	ACCESS POINT MANHOLE					

MSD00170

# PACr TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>			
697147	7/23/09 10:08 am	BERGLUND	00022	3804 BRISTOL OAKS DR	AVONDALE CT / BRISTOL OAKS CT			
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>		
73360	8.37	644.53	61254	0.00	638.66	N		
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>
8.00	CIRC	VCP	192.10	192.10	01/18/1979	SUNNY	RW	HILRIG CHAP-9 DVD#8
DISTANCE F/T	CODE	DESCRIPTION	SEVERITY	MEAS	POSITION	OBSERVATION	COMMENTS	
0.10	0.10	AMH	ACCESS POINT MANHOLE					
6.00	6.00	TF	TAP FACTORY		9 to			
46.00	46.00	TF	TAP FACTORY		3 to			
108.60	108.60	TF	TAP FACTORY		3 to			
168.80	168.80	TF	TAP FACTORY		3 to			
192.00	192.00	AMH	ACCESS POINT MANHOLE					

PAC TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>			
697148	7/23/09 9:56 am	BERGLUND	00022	8702 AVONDALE CT	* AT AVONDALE CT			
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>		
61251	9.40	645.10	73360	0.00	644.53	N		
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>
8.00	CIRC	VCP	144.00	144.00	06/13/1978	SUNNY	IS	HILRIG CHAP-8 DVD#8
DISTANCE F/T	CODE	DESCRIPTION	SEVERITY	MEAS	POSITION	OBSERVATION	COMMENTS	
0.10	0.10	AMH	ACCESS POINT MANHOLE					
23.50	23.50	RM	ROOTS MEDIUM	03	1 to 6			
79.80	79.80	TF	TAP FACTORY		3 to			
132.80	132.80	TF	TAP FACTORY		3 to			
144.00	144.00	AMH	ACCESS POINT MANHOLE					

PACr TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>				
697149	7/23/09 10:23 am	BERGLUND	00022	3900 BRISTOL OAKS DR	AT BRISTOL OAKS CT				
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>			
61254	7.34	638.66	61235	0.00	629.54	N			
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>	
8.00	CIRC	VCP	249.00	249.00	01/18/1979	SUNNY	RW	HILRIG	CHAPII DVD#8
DISTANCE F/T	CODE	DESCRIPTION	SEVERITY	MEAS	POSITION	OBSERVATION	COMMENTS		
0.10	0.10	AMH	ACCESS POINT MANHOLE						
48.60	48.60	TF	TAP FACTORY		3 to				
119.50	119.50	TF	TAP FACTORY		3 to				
152.00	152.00	TF	TAP FACTORY		9 to				
189.50	189.50	RML	ROOTS MEDIUM LATERAL	03	3 to				
189.50	189.50	TF	TAP FACTORY		3 to				
237.00	237.00	TF	TAP FACTORY		3 to				
249.00	249.00	AMH	ACCESS POINT MANHOLE						

MSD00173

PACr TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>				
697150	7/23/09 10:58 am	BERGLUND	00022	8714 BRISTOL OAKS CT	BRISTOL OAKS DR / END OF ST				
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>			
61257	9.51	643.99	61256	0.00	642.96	N			
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>	
8.00	CIRC	VCP	258.70	258.70	01/18/1979	SUNNY	RW	HILRIG	CHAP12 DVD#8
DISTANCE F/T	CODE	DESCRIPTION	SEVERITY	MEAS	POSITION	OBSERVATION	COMMENTS		
0.10	0.10	AMH	ACCESS POINT MANHOLE						
3.00	3.00	TF	TAP FACTORY		9 to				
34.00	34.00	RF	ROOTS FINE	01					
54.00	54.00	RF	ROOTS FINE	01					
65.00	65.00	TF	TAP FACTORY		9 to				
72.00	72.00	RMC	ROOTS MEDIUM CONNECTION	03	3 to				
72.00	72.00	TF	TAP FACTORY		3 to				
88.00	88.00	RF	ROOTS FINE	01	3 to				
119.00	119.00	RBL	ROOTS BALL LATERAL	04	9 to				
119.00	119.00	TF	TAP FACTORY		9 to				
120.00	120.00	RF	ROOTS FINE	01					
134.40	134.40	RF	ROOTS FINE	01					
160.30	160.30	RF	ROOTS FINE	01					
176.30	176.30	TFA	TAP FACTORY MADE ACTIVE		9 to				
186.00	186.00	TF	TAP FACTORY		3 to				
234.00	234.00	TF	TAP FACTORY		9 to				
258.40	258.40	AMH	ACCESS POINT MANHOLE						

MSD00174

PACr TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>					
697151	7/23/09 11:12 am	BERGLUND	00022	8706 BRISTOL OAKS CT	BRISTOL OAKS DR / END OF ST					
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>				
61256	7.24	642.96	61255	0.00	642.53	N				
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>		
8.00	CIRC	VCP	107.69	107.69	01/18/1979	SUNNY	RW	HILRIG	CHAP13	DVD#8
<u>DISTANCE FT</u>		<u>CODE</u>	<u>DESCRIPTION</u>	<u>SEVERITY</u>	<u>MEAS</u>	<u>POSITION</u>	<u>OBSERVATION COMMENTS</u>			
0.10	0.10	AMH	ACCESS POINT MANHOLE							
19.70	19.70	TF	TAP FACTORY			9 to				
79.80	79.80	TF	TAP FACTORY			9 to				
101.00	101.00	TF	TAP FACTORY			3 to				
107.60	107.60	AMH	ACCESS POINT MANHOLE							

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PACr TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>			
697152	7/23/09 11:24 am	BERGLUND	00022	8700 BRISTOL OAKS CT	BRISTOL OAKS DR / END OF ST			
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>		
61255	5.87	642.53	61254	0.00	640.15	N		
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>
8.00	CIRC	VCP	144.40	144.40	01/18/1979	SUNNY	IS	HILRIG CHAP14 DVD#8
DISTANCE F/T	CODE	DESCRIPTION	SEVERITY	MEAS	POSITION	OBSERVATION	COMMENTS	
0.10	0.10	AMH	ACCESS POINT MANHOLE					
37.40	37.40	FC	FRACTURE,CIRCUMFERENTIAL	02	5 to 8			
48.00	48.00	TF	TAP FACTORY		9 to			
54.20	54.20	RF	ROOTS FINE	01				
85.70	98.80	RF	ROOTS FINE	01				
87.10	87.10	FL	FRACTURE, LONGITUDINAL	03	7 to			
139.00	139.00	LD	LINE DOWN	01	6 to	at drop inlet of mh.		

MSD00176



PACr TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>			
697153	7/23/09 11:50 am	BERGLUND	00022	3906 KIRBY LN	EA 120' W			
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>		
61258	4.81	644.89	61257	0.00	643.99	Y		
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>
8.00	CIRC	VCP	225.29	225.29	01/18/1979	SUNNY	EM	HILRIG CHAP15 DVD#8
<u>DISTANCE F/T</u>	<u>CODE</u>	<u>DESCRIPTION</u>	<u>SEVERITY</u>	<u>MEAS</u>	<u>POSITION</u>	<u>OBSERVATION COMMENTS</u>		
3.29	3.29	AMH	ACCESS POINT MANHOLE					
114.79	114.79	TF	TAP FACTORY		3 to			
116.59	116.59	TF	TAP FACTORY		9 to			
168.29	168.29	RF	ROOTS FINE	01				
178.29	178.29	RFL	ROOTS FINE LATERAL	01	3 to			
178.29	178.29	TF	TAP FACTORY		3 to			
183.29	183.29	RMC	ROOTS MEDIUM CONNECTION	03	9 to			
183.29	183.29	TF	TAP FACTORY		9 to			
225.19	225.19	AMH	ACCESS POINT MANHOLE					

# PACr TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>					
697156	7/23/09 1:42 pm	BERGLUND	00022	3702 SHANNON RUN TRL	EA 30' NW					
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>				
61240	5.88	640.72	61239	0.00	633.78	N				
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>		
8.00	CIRC	VCP	262.00	262.00	06/13/1978	SUNNY	RW	HILRIG	CHAP16	DVD#8
<u>DISTANCE F/T</u>		<u>CODE</u>	<u>DESCRIPTION</u>	<u>SEVERITY</u>	<u>MEAS</u>	<u>POSITION</u>	<u>OBSERVATION COMMENTS</u>			
0.10	0.10	AMH	ACCESS POINT MANHOLE							
6.00	6.00	TF	TAP FACTORY			9 to				
57.50	57.50	TF	TAP FACTORY			3 to				
103.50	103.50					3 to				
119.90	119.90	TF	TAP FACTORY			9 to				
152.80	152.80	FC	FRACTURE,CIRCUMFERENTIAL	02		4 to 8				
167.30	167.30	FC	FRACTURE,CIRCUMFERENTIAL	02		10 to 2				
167.30	167.30	RF	ROOTS FINE	01						
172.50	172.50	RF	ROOTS FINE	01						
173.00	173.00	RBC	ROOTS BALL CONNECTION	04		3 to				
173.00	173.00	RBL	ROOTS BALL LATERAL	04		3 to				
173.00	173.00	TF	TAP FACTORY			3 to				
179.30	179.30	RF	ROOTS FINE	01						
185.00	185.00	RF	ROOTS FINE	01						
185.50	185.50	RBC	ROOTS BALL CONNECTION	04		9 to				
185.50	185.50	RBL	ROOTS BALL LATERAL	04		9 to				
185.50	185.50	TF	TAP FACTORY			9 to				
186.00	202.00	RF	ROOTS FINE	01						
221.50	221.50	RBL	ROOTS BALL LATERAL	04		3 to				
221.50	221.50	TF	TAP FACTORY			3 to				
228.10	228.10	RF	ROOTS FINE	01						
237.70	237.70	RF	ROOTS FINE	01						
260.20	260.20	AMH	ACCESS POINT MANHOLE							

MSD00178

PAC<sub>1</sub> TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>			
697157	7/23/09 1:57 pm	BERGLUND	00022	3800 SHANNON RUN TRL	AT AVONDALE CT			
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>		
61239	6.32	633.78	61238	0.00	629.52	N		
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>
8.00	CIRC	VCP	198.02	198.02	06/13/1978	SUNNY	RW	HILRIG CHAP17 CHAP#8
<u>DISTANCE F/T</u>	<u>CODE</u>	<u>DESCRIPTION</u>	<u>SEVERITY</u>	<u>MEAS</u>	<u>POSITION</u>	<u>OBSERVATION</u>	<u>COMMENTS</u>	
0.10	0.10	AMH	ACCESS POINT MANHOLE					
27.00	27.00	TF	TAP FACTORY			3 to		
71.00	71.00	RMC	ROOTS MEDIUM CONNECTION	03		3 to		
71.00	71.00	RML	ROOTS MEDIUM LATERAL	03		3 to		
71.00	71.00	TF	TAP FACTORY			3 to		
73.60	73.60	RMC	ROOTS MEDIUM CONNECTION	03		9 to		
73.60	73.60	TF	TAP FACTORY			9 to		
94.70	94.70	TFC	TAP FACTORY MADE CAPPED			3 to		
136.30	136.30	TF	TAP FACTORY			3 to		
143.30	143.30	TF	TAP FACTORY			9 to		
189.20	189.20	TF	TAP FACTORY			3 to		
195.70	195.70	AMH	ACCESS POINT MANHOLE					

MSD00179

PAC<sub>r</sub> TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>			
697158	7/23/09 2:13 pm	BERGLUND	00022	3806 SHANNON RUN TRL	EA 30' SW			
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>		
61238	6.68	629.52	61237	0.00	617.13	N		
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>
8.00	CIRC	VCP	243.00	243.00	01/18/1979	SUNNY	RW	HILRIG CHAP18 DVD#8
DISTANCE F/T	CODE	DESCRIPTION	SEVERITY	MEAS	POSITION	OBSERVATION	COMMENTS	
0.10	0.10	AMH	ACCESS POINT MANHOLE					
54.00	54.00	TF	TAP FACTORY		3 to			
78.00	78.00	TF	TAP FACTORY		9 to			
116.30	116.30	TF	TAP FACTORY		3 to			
168.00	168.00	TF	TAP FACTORY		3 to			
190.00	190.00	TF	TAP FACTORY		9 to			
236.50	236.50	TF	TAP FACTORY		3 to			
243.00	243.00	AMH	ACCESS POINT MANHOLE					

PACr TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>				
697160	7/23/09 2:39 pm	BERGLUND	00022	3816 SHANNON RUN TRL	EA 30' NW				
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>			
61237	6.77	617.13	61236	0.00	605.30	N			
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>	
8.00	CIRC	VCP	215.00	215.00	01/18/1979	SUNNY	RW	HILRIG	CHAP19 CHAP#8
DISTANCE F/T	CODE	DESCRIPTION	SEVERITY	MEAS	POSITION	OBSERVATION	COMMENTS		
0.10	0.10	AMH	ACCESS POINT MANHOLE						
40.50	40.50	TF	TAP FACTORY		9 to				
47.30	47.30	TF	TAP FACTORY		3 to				
84.50	84.50	TF	TAP FACTORY		9 to				
118.00	118.00	TF	TAP FACTORY		3 to				
186.00	186.00	TF	TAP FACTORY		9 to				
215.00	215.00	AMH	ACCESS POINT MANHOLE						

# PACr TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>				
697181	7/27/09 10:50 am	BERGLUND	00022	8807 HIGH POINT CIR	SHANNON RUN TR / END OF ST				
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>			
61243	7.40	614.70	61242	0.00	610.52	N			
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>	
8.00	CIRC	VCP	214.58	214.58	06/13/1978	SUNNY	EM	HILRIG	CHAP20 DVD#8
DISTANCE F/T	CODE	DESCRIPTION	SEVERITY	MEAS	POSITION	OBSERVATION	COMMENTS		
0.10	0.10	AMH	ACCESS POINT MANHOLE						
4.50	4.50	TF	TAP FACTORY			3 to			
64.00	64.00	TF	TAP FACTORY			9 to			
90.00	90.00	TF	TAP FACTORY			3 to			
127.00	127.00	TF	TAP FACTORY			9 to			
128.30	128.30	TF	TAP FACTORY			3 to			
204.00	204.00	RF	ROOTS FINE	01		12 to 12			
211.20	211.20	AMH	ACCESS POINT MANHOLE						

PAC<sub>1</sub> TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>					
697182	7/27/09 10:57 am	BERGLUND	00022	8800 HIGH POINT CIR	EA 150' W					
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>				
61242-ST	0.00	610.27	61242	0.00	610.19	Y				
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>		
12.00	CIRC	VCP	4.00	4.00	06/13/1978	SUNNY	EM	HILRIG	CHAP21	DVD#8
<u>DISTANCE F/T</u>	<u>CODE</u>	<u>DESCRIPTION</u>	<u>SEVERITY</u>	<u>MEAS</u>	<u>POSITION</u>	<u>OBSERVATION COMMENTS</u>				
0.00	0.00					AT STUB.				
3.90	3.90	AMH	ACCESS POINT MANHOLE							

PACr TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>					
697183	7/27/09 12:36 pm	BERGLUND	00022	3602 SHANNON RUN TRL	TRANQUIL VALLEY LN / HIGH POINT CR					
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>				
61245	5.66	631.84	61244	0.00	631.18	Y				
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>		
8.00	CIRC	VCP	131.98	131.98	06/13/1978	SUNNY	IS	HILRIG	CHAP-1	DVD#9
<u>DISTANCE F/T</u>		<u>CODE</u>	<u>DESCRIPTION</u>	<u>SEVERITY</u>	<u>MEAS</u>	<u>POSITION</u>	<u>OBSERVATION COMMENTS</u>			
0.08	0.08	AMH	ACCESS POINT MANHOLE			9 to				
18.98	18.98	TF	TAP FACTORY			7 to				
20.58	20.58	RF	ROOTS FINE	01		3 to				
54.98	54.98	TF	TAP FACTORY							
131.88	131.88	AMH	ACCESS POINT MANHOLE							

MSD00184



PACr TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>			
697184	7/27/09 12:41 pm	BERGLUND	00022	3602 SHANNON RUN TRL	TRANQUIL VALLEY LN / HIGH POINT CR			
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>		
61245-ST	0.00	631.87	61245	0.00	631.84	Y		
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>
8.00	CIRC	VCP	5.00	5.00	06/13/1978	SUNNY	RW	HILRIG CHAP-2 DVD#9
<u>DISTANCE F/T</u>	<u>CODE</u>	<u>DESCRIPTION</u>	<u>SEVERITY</u>	<u>MEAS</u>	<u>POSITION</u>	<u>OBSERVATION COMMENTS</u>		
1.00	1.00	RF	ROOTS FINE	01	12 to 12	at stub.		
1.20	1.20	RFC	ROOTS FINE CONNECTION	01	3 to			
1.20	1.20	TF	TAP FACTORY		3 to			
4.90	4.90	AMH	ACCESS POINT MANHOLE					

MSD00185

PACr TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>			
697185	7/27/09 12:55 pm	BERGLUND	00022	8816 HIGH POINT CIR	AT SHANNON RUN TR			
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>		
61244	10.82	631.18	73363	0.00	620.71	N		
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>
8.00	CIRC	VCP	255.38	255.38	06/13/1978	SUNNY	IS	HILRIG CHAP-3 DVD#9
DISTANCE F/T	CODE	DESCRIPTION	SEVERITY	MEAS	POSITION	OBSERVATION	COMMENTS	
0.10	0.10	AMH	ACCESS POINT MANHOLE					
3.00	3.00	TF	TAP FACTORY		9 to			
123.50	123.50	TF	TAP FACTORY		9 to			
184.20	184.20	RF	ROOTS FINE	01	12 to 5			
199.50	199.50	TF	TAP FACTORY		3 to			
201.30	201.30	TF	TAP FACTORY		9 to			
254.10	254.10	AMH	ACCESS POINT MANHOLE					

# PACr TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>			
697186	7/27/09 1:03 pm	BERGLUND	00022	8809 HIGH POINT CIR	SHANNON RUN TR / END OF ST			
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEY</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEY</u>	<u>REVERSE SETUP?</u>		
73363	6.99	620.71	61243	0.00	616.71	N		
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>
8.00	CIRC	VCP	80.00	80.00	06/13/1978	SUNNY	RW	HILRIG CHAP-4 DVD#9
<u>DISTANCE F/T</u>	<u>CODE</u>	<u>DESCRIPTION</u>	<u>SEVERITY</u>	<u>MEAS</u>	<u>POSITION</u>	<u>OBSERVATION</u>	<u>COMMENTS</u>	
0.10	0.10	AMH	ACCESS POINT MANHOLE					
4.00	4.00	TF	TAP FACTORY		9 to			
49.70	49.70	TF	TAP FACTORY		9 to			
75.60	75.60	LD	LINE DOWN	01	6 to	drop inlet of mh.		
80.00	80.00	AMH	ACCESS POINT MANHOLE					

PACr TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>			
697187	7/27/09 2:06 pm	BERGLUND	00022	3826 SHANNON RUN TRL	EA 430' W			
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEY</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEY</u>	<u>REVERSE SETUP?</u>		
61241	5.50	607.00	61233	0.00	603.80	Y		
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>
12.00	CIRC	VCP	400.00	400.00	06/13/1978	SUNNY	EM	HILRIG CHAP-5 DVD#9
<u>DISTANCE F/T</u>	<u>CODE</u>	<u>DESCRIPTION</u>	<u>SEVERITY</u>	<u>MEAS</u>	<u>POSITION</u>	<u>OBSERVATION COMMENTS</u>		
1.00	1.00	AMH	ACCESS POINT MANHOLE					
399.90	399.90	AMH	ACCESS POINT MANHOLE					

# PACr TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>			
697188	7/27/09 2:21 pm	BERGLUND	00022	3822 SHANNON RUN TRL	AVONDALE CT / END OF ST			
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>		
61236	7.20	605.30	61233	0.00	604.13	Y		
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>
8.00	CIRC	VCP	104.65	104.65	01/18/1979	SUNNY	EM	HILRIG CHAP-6 DVD#9
DISTANCE F/T	CODE	DESCRIPTION	SEVERITY	MEAS	POSITION	OBSERVATION	COMMENTS	
2.55	2.55	AMH	ACCESS POINT MANHOLE					
27.15	27.15	TFC	TAP FACTORY MADE CAPPED		9 to			
29.15	29.15	TFC	TAP FACTORY MADE CAPPED		3 to			
37.15	37.15	TBA	TAP BREAK-IN/HAMMER ACTIVE		12 to			
44.65	44.65	ID	INFILTRATION,DRIPPER	03				
104.55	104.55	AMH	ACCESS POINT MANHOLE					

MSD00189

# PACr TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>			
697189	7/27/09 2:44 pm	BERGLUND	00022	3823 SHANNON RUN TRL	EA 155' SE			
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>		
73362	10.59	609.51	61236	0.00	605.30	Y		
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>
8.00	CIRC	VCP	153.00	153.00	01/18/1979	SUNNY	EM	HILRIG CHAP-7 DVD#9
DISTANCE F/T	CODE	DESCRIPTION	SEVERITY	MEAS	POSITION	OBSERVATION	COMMENTS	
0.00	0.00	AMH	ACCESS POINT MANHOLE					
86.50	86.50	RBL	ROOTS BALL LATERAL	04	3 to			
86.50	86.50	TF	TAP FACTORY		3 to			
120.50	120.50	TF	TAP FACTORY		3 to			

MSD00190

PACr TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>			
697200	7/29/09 12:33 pm	BERGLUND	00022	3814 KIRBY LN	EA 125' W			
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>		
61249	3.75	649.75	61248	0.00	648.37	N		
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>
8.00	CIRC	VCP	344.89	344.89	06/13/1978	CLOUDY	EM	HILRIG CHAP12 DVD#9
DISTANCE F/T	CODE	DESCRIPTION	SEVERITY	MEAS	POSITION	OBSERVATION COMMENTS		
0.10	0.10	AMH	ACCESS POINT MANHOLE					
122.50	122.50	TF	TAP FACTORY		3 to			
124.20	124.20	TF	TAP FACTORY		9 to			
157.80	157.80	TF	TAP FACTORY		3 to			
178.50	178.50	TF	TAP FACTORY		9 to			
180.50	180.50	TF	TAP FACTORY		3 to			
256.00	256.00	TF	TAP FACTORY		9 to			
257.80	257.80	TF	TAP FACTORY		3 to			
339.00	339.00	LD	LINE DOWN	01	6 to	drop inlet of mh.		
344.00	344.00	AMH	ACCESS POINT MANHOLE					

MSD00191

PACr TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>				
697213	7/29/09 10:01 am	BERGLUND	00022	8807 AVONDALE CT	KIRBY LN / END OF ST				
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>			
61262	5.64	652.76	61261	0.00	650.71	Y			
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>	
8.00	CIRC	VCP	186.20	186.20	07/09/1965	RAIN	CR	HILRIG	CHAP-8 DVD#9
DISTANCE F/T	CODE	DESCRIPTION	SEVERITY	MEAS	POSITION	OBSERVATION	COMMENTS		
3.20	3.20	AMH	ACCESS POINT MANHOLE			9 to			
8.30	8.30	TF	TAP FACTORY			3 to			
9.70	9.70	TF	TAP FACTORY			3 to			
31.60	31.60	RFL	ROOTS FINE LATERAL	01		3 to			
31.60	31.60	TF	TAP FACTORY			9 to			
34.20	34.20	TF	TAP FACTORY						
75.20	75.20	JOM	JOINT,OFFSET(DISPLACED),MEDIUM	01					
80.20	80.20	JOM	JOINT,OFFSET(DISPLACED),MEDIUM	01					
80.40	80.40	FC	FRACTURE,CIRCUMFERENTIAL	02		5 to 7	at flow line.		
110.20	110.20	RF	ROOTS FINE	01		5 to			
125.70	125.70	RFL	ROOTS FINE LATERAL	01		9 to			
125.70	125.70	TF	TAP FACTORY			9 to			
127.20	127.20	RF	ROOTS FINE	01		12 to 12			
127.50	127.50	RFL	ROOTS FINE LATERAL	01		3 to			
127.50	127.50	TF	TAP FACTORY			3 to			
174.20	174.20	RF	ROOTS FINE	01					
180.20	180.20	RF	ROOTS FINE	01					
186.10	186.10	AMH	ACCESS POINT MANHOLE						



PACr TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>					
697214	7/29/09 10:36 am	BERGLUND	00022	3901 KIRBY LN	AT AVONDALE CT					
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>				
61261	5.69	650.71	61263	0.00	645.29	N				
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>		
8.00	CIRC	VCP	341.00	341.00	07/09/1965	SUNNY	RW	HILRIG	CHAP-9	DVD#9
DISTANCE F/T	CODE	DESCRIPTION	SEVERITY	MEAS	POSITION	OBSERVATION COMMENTS				
0.10	0.10	AMH	ACCESS POINT MANHOLE							
15.00	27.00	RF	ROOTS FINE	01						
28.00	35.00	CL	CRACK, LONGITUDINAL	02	6 to					
40.40	40.40	CL	CRACK, LONGITUDINAL	02	6 to					
53.20	53.20	CL	CRACK, LONGITUDINAL	02	6 to					
78.50	78.50	CL	CRACK, LONGITUDINAL	02	6 to					
156.30	156.30	CC	CRACK, CIRCUMFERENTIAL	01	3 to					
156.30	156.30	CL	CRACK, LONGITUDINAL	02	3 to					
199.10	199.10	RM	ROOTS MEDIUM	03	3 to 12					
225.00	225.00	RFC	ROOTS FINE CONNECTION	01	9 to					
225.00	225.00	TF	TAP FACTORY		9 to					
236.00	250.00	RM	ROOTS MEDIUM	03	7 to 2					
261.10	261.10	RM	ROOTS MEDIUM	03	7 to 2					
270.70	270.70	RF	ROOTS FINE	01	7 to 11					
271.70	271.70	RFL	ROOTS FINE LATERAL	01	9 to					
271.70	271.70	TFA	TAP FACTORY MADE ACTIVE		9 to					
273.00	278.50	RPR	POINT REPAIR,PIPE REPLACED			change to plastic				
283.00	283.00	RF	ROOTS FINE	01						
289.80	289.80	CM	CRACK, MULTIPLE	03	12 to					
290.00	298.00	RF	ROOTS FINE	01						
329.00	329.00	TF	TAP FACTORY		9 to					
341.00	341.00	AMH	ACCESS POINT MANHOLE							

MSD00193

PACr TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>					
697215	7/29/09 10:48 am	BERGLUND	00022	3907 KIRBY LN	EA 30' E					
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEY</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEY</u>	<u>REVERSE SETUP?</u>				
61263	4.71	645.29	61264	0.00	635.89	N				
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>		
8.00	CIRC	VCP	203.50	203.50	07/09/1965	SUNNY	RW	HILRIG	CHAP10	DVD#9
DISTANCE F/T	CODE	DESCRIPTION	SEVERITY	MEAS	POSITION	OBSERVATION	COMMENTS			
0.10	0.10	AMH	ACCESS POINT MANHOLE							
83.00	83.00	TF	TAP FACTORY		9 to					
175.00	175.00	TF	TAP FACTORY		9 to					
203.50	203.50	AMH	ACCESS POINT MANHOLE							

PAC TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>			
697216	7/29/09 10:59 am	BERGLUND	00022	4001 KIRBY LN	EA 30' E			
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>		
61264	4.71	635.89	61265	0.00	633.52	N		
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>
8.00	CIRC	VCP	86.50	86.50	07/09/1965	SUNNY	RW	HILRIG CHAPII DVD#9
DISTANCE FT	CODE	DESCRIPTION	SEVERITY	MEAS	POSITION	OBSERVATION	COMMENTS	
0.10	0.10	AMH	ACCESS POINT MANHOLE					
26.40	32.00	RPR	POINT REPAIR,PIPE REPLACED					
28.90	28.90	TF	TAP FACTORY		3 to			
57.50	57.50	TF	TAP FACTORY		9 to			
86.50	86.50	AMH	ACCESS POINT MANHOLE					

# PACr TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>			
697219	7/29/09 12:53 pm	BERGLUND	00022	3810 KIRBY LN	EA 125' W			
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>		
61250	9.74	650.66	61249	0.00	649.75	Y		
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>
8.00	CIRC	VCP	182.37	182.37	06/13/1978	SUNNY	EM	HILRIG CHAP13 DVD#9
<u>DISTANCE F/T</u>	<u>CODE</u>	<u>DESCRIPTION</u>	<u>SEVERITY</u>	<u>MEAS</u>	<u>POSITION</u>	<u>OBSERVATION</u>	<u>COMMENTS</u>	
0.67	0.67	AMH	ACCESS POINT MANHOLE					
44.57	44.57	TF	TAP FACTORY		3 to			
106.07	106.07	TF	TAP FACTORY		3 to			
175.37	175.37	TF	TAP FACTORY		3 to			
182.27	182.27	AMH	ACCESS POINT MANHOLE					

MSD00196

# PACr TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>			
697220	7/29/09 12:56 pm	BERGLUND	00022	3808 KIRBY LN	EA 125' W			
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>		
61250-ST	0.00	651.41	61250	0.00	650.66	Y		
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>
8.00	CIRC	VCP	15.00	15.00	06/13/1978	SUNNY	EM	HILRIG CHAP14 DVD#9
<u>DISTANCE F/T</u>	<u>CODE</u>	<u>DESCRIPTION</u>	<u>SEVERITY</u>	<u>MEAS</u>	<u>POSITION</u>	<u>OBSERVATION COMMENTS</u>		
9.50	9.50					at stub of line.		
10.20	10.20	RFL	ROOTS FINE LATERAL	01	3 to			
10.20	10.20	TF	TAP FACTORY		3 to			
14.90	14.90	AMH	ACCESS POINT MANHOLE					

MSD00197

# PACr TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>			
697221	7/29/09 1:04 pm	BERGLUND	00022	3816 KIRBY LN	EA 125' W			
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>		
61249-ST	0.00	649.78	61249	0.00	649.75	Y		
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>
8.00	CIRC	VCP	5.00	5.00	06/13/1978	CLOUDY	EM	HILRIG CHAP14 DVD#9
<u>DISTANCE F/T</u>	<u>CODE</u>	<u>DESCRIPTION</u>	<u>SEVERITY</u>	<u>MEAS</u>	<u>POSITION</u>	<u>OBSERVATION COMMENTS</u>		
0.00	0.00	TF	TAP FACTORY		9 to			
4.90	4.90	AMH	ACCESS POINT MANHOLE					

MSD00198

# PACr TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>				
697222	7/29/09 1:36 pm	BERGLUND	00022	3904 KIRBY LN	EA 120' W				
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEY</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEY</u>	<u>REVERSE SETUP?</u>			
61260	4.82	647.88	61258	0.00	644.89	N			
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>	
8.00	CIRC	VCP	95.00	95.00	01/18/1979	SUNNY	EM	HILRIG	CHAP15 DVD#9
DISTANCE F/T	CODE	DESCRIPTION	SEVERITY	MEAS	POSITION	OBSERVATION COMMENTS			
0.10	0.10	AMH	ACCESS POINT MANHOLE						
63.00	63.00	TF	TAP FACTORY		9 to				
95.00	95.00	AMH	ACCESS POINT MANHOLE						

# PACr TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>			
697223	7/29/09 1:51 pm	BERGLUND	00022	3908 KIRBY LN	EA 120' W			
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>		
61259	3.31	645.29	61258	0.00	644.89	Y		
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>
8.00	CIRC	VCP	82.50	82.50	01/18/1979	CLOUDY	EM	HILRIG CHAP16 DVD#9
DISTANCE F/T	CODE	DESCRIPTION	SEVERITY	MEAS	POSITION	OBSERVATION	COMMENTS	
0.00	0.00	AMH	ACCESS POINT MANHOLE					
45.00	45.00	RML	ROOTS MEDIUM LATERAL	03	9 to			
45.00	45.00	TF	TAP FACTORY		9 to			
70.00	70.00	TF	TAP FACTORY		9 to			
79.90	79.90	AMH	ACCESS POINT MANHOLE					



PACr TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>					
697225	7/29/09 1:56 pm	BERGLUND	00022	3910 KIRBY LN	EA 120' W					
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>				
61259-ST	0.00	645.32	61259	0.00	645.29	Y				
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>		
8.00	CIRC	VCP	5.00	5.00	01/18/1979	SUNNY	EM	HILRIG	CHAP17	DVD#9
DISTANCE F/T	CODE	DESCRIPTION	SEVERITY	MEAS	POSITION	OBSERVATION	COMMENTS			
0.00	0.00					at stub.				
0.00	0.00	RB	ROOTS BALL	04	2 to 11					
0.50	0.50	TF	TAP FACTORY		9 to					
1.00	1.00	RM	ROOTS MEDIUM	03	2 to 9					
4.90	4.90	AMH	ACCESS POINT MANHOLE							

PACr TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>			
697226	7/29/09 2:05 pm	BERGLUND	00022	3902 KIRBY LN	EA 120' W			
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEY</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEY</u>	<u>REVERSE SETUP?</u>		
61260-ST	0.00	648.04	61260	0.00	647.88	Y		
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>
8.00	CIRC	VCP	11.00	11.00	01/18/1979	SUNNY	EM	HILRIG CHAP18 DVD#9
<u>DISTANCE F/T</u>	<u>CODE</u>	<u>DESCRIPTION</u>	<u>SEVERITY</u>	<u>MEAS</u>	<u>POSITION</u>	<u>OBSERVATION COMMENTS</u>		
0.00	0.00					at stub of line.		
1.00	1.00	TF	TAP FACTORY		3 to			
4.90	4.90	AMH	ACCESS POINT MANHOLE					

MSD00202

PACr TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>		<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>			
697227	7/29/09 3:06 pm		BERGLUND	00022	8900 COLLINGWOOD RD	STONYBROOK DR / COTTAGEHILL RD			
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEY</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEY</u>	<u>REVERSE SETUP?</u>			
41553	6.19	623.31	41554	0.00	619.80	N			
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>	
8.00	CIRC	VCP	107.19	107.19	07/09/1965	SUNNY	CR	HILRIG	CHAP19 DVD#9
DISTANCE F/T	CODE	DESCRIPTION	SEVERITY	MEAS	POSITION	OBSERVATION COMMENTS			
0.10	0.10	AMH	ACCESS POINT MANHOLE						
1.00	1.00	MGO	MISC GENERAL OBSERVATION			HEAVY FLOW FROM FORCE MAIN.HAD HEAVY RAINS.			
103.00	103.00	LD	LINE DOWN	01	6 to	DROP INLET OF MH.			
107.00	107.00	AMH	ACCESS POINT MANHOLE						

MSD00203

PACr TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>			
697229	7/29/09 4:24 pm	BERGLUND	36023	8707 WATTERSON TRL	EA 50' NE			
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>		
41583	6.00	631.78	41582	0.00	614.20	Y		
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>
8.00	CIRC	VCP	355.00	355.00	07/09/1965	SUNNY	RW	HILRIG CHAP21 DVD#9
<u>DISTANCE F/T</u>	<u>CODE</u>	<u>DESCRIPTION</u>	<u>SEVERITY</u>	<u>MEAS</u>	<u>POSITION</u>	<u>OBSERVATION COMMENTS</u>		
205.00	205.00	MSA	MISC SURVEY ABANDONED			stoped by roots.line could not be root cut with a 8in blade.used 6in to open line.		
205.00	205.00	RB	ROOTS BALL	04	7 to 5			
211.00	211.00	RB	ROOTS BALL	04	9 to 5			
211.40	211.40	RM	ROOTS MEDIUM	03	8 to 4			
216.80	216.80	RF	ROOTS FINE	01	3 to 9			
256.30	256.30	TFC	TAP FACTORY MADE CAPPED		9 to			
265.40	265.40	TB	TAP BREAK-IN/HAMMER		10 to			
354.90	354.90	AMH	ACCESS POINT MANHOLE					

# PACr TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>			
697231	7/29/09 4:47 pm	BERGLUND	36023	4316 SAN MARCOS RD	WATTERSON TR / COLLINGWOOD RD			
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>		
41582	6.30	614.20	99024	0.00	609.61	N		
<u>DIA</u>	<u>SIIAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>
8.00	CIRC	VCP	139.00	139.00	07/09/1965		RW	HILRIG CHAP22 DVD#9
DISTANCE F/T	CODE	DESCRIPTION	SEVERITY	MEAS	POSITION	OBSERVATION	COMMENTS	
0.10	0.10	AMH	ACCESS POINT MANHOLE					
3.00	3.00	IR	INFILTRATION,RUNNER	04			at joint.	
10.00	10.00	ID	INFILTRATION,DRIPPER	03			at joint.	
18.10	18.10	IR	INFILTRATION,RUNNER	04			at joint.	
23.00	23.00	IR	INFILTRATION,RUNNER	04			at joint.	
28.10	28.10	IR	INFILTRATION,RUNNER	04			at joint.	
49.00	49.00	TFC	TAP FACTORY MADE CAPPED		3 to			
130.50	130.50	IR	INFILTRATION,RUNNER	04	12 to		coming in around tap.	
130.50	130.50	TB	TAP BREAK-IN/HAMMER		12 to			
139.00	139.00	AMH	ACCESS POINT MANHOLE					

MSD00205

# PACr TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>			
697233	8/10/09 12:20 pm	BERGLUND	36023	9212 COLLINGWOOD RD	LA COSTA RD / DEL CRISTO DR			
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>		
61302	5.65	680.55	61303	0.00	679.22	N		
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>
8.00	CIRC	VCP	265.00	265.00	07/09/1965	SUNNY	IS	HILRIG CHAP-1 DVD#10
DISTANCE F/T	CODE	DESCRIPTION	SEVERITY	MEAS	POSITION	OBSERVATION	COMMENTS	
1.90	1.90	AMH	ACCESS POINT MANHOLE					
9.10	9.10	RM	ROOTS MEDIUM	03	2 to 9	AT JOINT		
13.40	13.40	RF	ROOTS FINE	01	2 to 4	AT JOINT		
18.40	18.40	RM	ROOTS MEDIUM	03	3 to 9	AT JOINT		
22.50	22.50	RM	ROOTS MEDIUM	03	2 to 7			
23.80	23.80	RMC	ROOTS MEDIUM CONNECTION	03	3 to			
23.80	23.80	RML	ROOTS MEDIUM LATERAL	03	3 to			
23.80	23.80	TF	TAP FACTORY		3 to			
25.30	25.30	RM	ROOTS MEDIUM	03	2 to 11	AT JOINT		
35.00	50.50	RF	ROOTS FINE	01		AT JOINT		
55.20	55.20	RM	ROOTS MEDIUM	03	7 to 9	AT JOINT		
70.50	70.50	RF	ROOTS FINE	01				
70.70	70.70	RFL	ROOTS FINE LATERAL	01	9 to			
70.70	70.70	TF	TAP FACTORY		9 to			
72.50	72.50	RF	ROOTS FINE	01		AT JOINT		
92.50	92.50	RF	ROOTS FINE	01		AT JOINT		
96.50	96.50	RF	ROOTS FINE	01	3 to	AT JOINT		
98.20	98.20	RFL	ROOTS FINE LATERAL	01	3 to			
98.20	98.20	TF	TAP FACTORY		3 to			
109.30	109.30	RM	ROOTS MEDIUM	03	3 to 9	AT JOINT		
114.50	114.50	RM	ROOTS MEDIUM	03	3 to 9	AT JOINT		
119.50	119.50	RM	ROOTS MEDIUM	03	9 to 11	AT JOINT		
125.00	125.00	RF	ROOTS FINE	01	3 to 4	AT JOINT		
145.00	145.00	TF	TAP FACTORY		9 to			
251.50	251.50	RF	ROOTS FINE	01	8 to 11	at joint		
251.60	251.60	TF	TAP FACTORY		9 to			

## PACr TV Inspections for Hill Ridge

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261.00	261.00	RM	ROOTS MEDIUM	03	9 to 11	
264.90	264.90	AMH	ACCESS POINT MANHOLE			had m.h.uncovered and line root cut.

PACr TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>			
697377	8/10/09 12:35 pm	BERGLUND	00022	9306 COLLINGWOOD RD	LA COSTA RD / END OF ST			
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>		
61303	8.16	679.22	61304	0.00	669.39	N		
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>
8.00	CIRC	VCP	207.00	207.00	07/09/1965	SUNNY	EM	HILRIG CHAP-2 DVD#10
DISTANCE F/T	CODE	DESCRIPTION	SEVERITY	MEAS	POSITION	OBSERVATION COMMENTS		
0.10	0.10	AMH ACCESS POINT MANHOLE						
0.10	0.10	LL LINE LEFT	02			LINE MAKES A HARD TURN AND CAMERA CAN NOT PASS.LINE WAS ROOT CUT.CAN NOT GET INTO DOWN STREAM MH.		
0.10	0.10	MSA MISC SURVEY ABANDONED				LINE MAKES A HARD TURN AND CAMERA CAN NOT PASS.LINE WAS ROOT CUT.CAN NOT GET INTO DOWN STREAM MH.		
5.00	5.00	RM ROOTS MEDIUM	03		3 to 11	CAN SEE ROOTS FROM MH.		



PACr TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>			
697378	8/10/09 2:28 pm	BERGLUND	00022	4111 STONY BROOK DR	EA 30' E			
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>		
61178	4.60	651.60	61174	0.00	648.54	N		
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>
8.00	CIRC	VCP	226.50	226.50	07/09/1965	SUNNY	RW	HILRIG CHAP-3 DVD-10
DISTANCE F/T	CODE	DESCRIPTION	SEVERITY	MEAS	POSITION	OBSERVATION	COMMENTS	
0.10	0.10	AMH	ACCESS POINT MANHOLE					
62.00	62.00	DSC	DEPOSITS SETTLED HARD/COMPACTD	03			ROCK IN LINE.	
76.20	76.20	TF	TAP FACTORY		9 to			
81.00	83.00	CM	CRACK, MULTIPLE	03				
133.20	135.00	CM	CRACK, MULTIPLE	03				
187.90	187.90	TF	TAP FACTORY		9 to			
225.60	225.60	AMH	ACCESS POINT MANHOLE					

# PACr TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>			
697383	8/10/09 2:48 pm	BERGLUND	00022	4205 STONY BROOK DR	EA 40' NE			
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>		
61174	4.86	648.54	41553	0.00	623.31	N		
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>
8.00	CIRC	VCP	283.40	283.40	07/09/1965	SUNNY	RW	HILRIG CHAP-4 DVD#10
DISTANCE F/T	CODE	DESCRIPTION	SEVERITY	MEAS	POSITION	OBSERVATION COMMENTS		
0.10	0.10	AMH	ACCESS POINT MANHOLE					
38.00	38.00	TF	TAP FACTORY		9 to			
78.40	78.40	CM	CRACK, MULTIPLE	03				
160.00	160.00	RF	ROOTS FINE	01				
226.00	226.00	TF	TAP FACTORY		9 to			
262.00	262.00	JOL	JOINT,OFFSET(DISPLACED),LARGE	02		WITH BAD DROP JOINT ON UP STREAM SIDE.PLASTIC REPAIR.		
262.00	262.00	MSA	MISC SURVEY ABANDONED			WITH BAD DROP JOINT ON UP STREAM SIDE.PLASTIC REPAIR.CAMERA CAN NOT PASS DROP JOINT.		
262.00	265.00	RPR	POINT REPAIR,PIPE REPLACED			WITH BAD DROP JOINT ON UP STREAM SIDE.		

# PACr TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>					
698042	9/14/09 9:41 am	BERGLUND	00022	8803 WATTERSON TRL	WATTERSON TR / WATTERSON TR					
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEY</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEY</u>	<u>REVERSE SETUP?</u>				
41571	7.00	634.53	41573	0.00	632.83	N				
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>		
8.00	CIRC	VCP	241.00	241.00	07/09/1965	SUNNY	RW	HILRIG	CHAP-5	DVD#10
DISTANCE F/T	CODE	DESCRIPTION	SEVERITY	MEAS	POSITION	OBSERVATION COMMENTS				
0.10	0.10	AMH	ACCESS POINT MANHOLE							
13.50	13.50	FM	FRACTURE,MULTIPLE	04						
15.50	15.50	FL	FRACTURE,LONGITUDINAL	03	9 to					
15.50	15.50	IR	INFILTRATION,RUNNER	04	9 to					
38.00	38.00	RF	ROOTS FINE	01	3 to					
69.00	69.00	AMH	ACCESS POINT MANHOLE			THIS MH.IS NOT LISTED IN ARCVIEW.				
110.00	110.00	TFC	TAP FACTORY MADE CAPPED		3 to					
140.50	140.50	TBA	TAP BREAK-IN/HAMMER ACTIVE		12 to					
206.80	206.80	TF	TAP FACTORY		3 to	WITH PLASTIC REPAIR.				
241.00	241.00	AMH	ACCESS POINT MANHOLE							

MSD00211

PACr TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>			
698049	9/14/09 10:14 am	BERGLUND	00022	8711 WATTERSON TRL	EA 130' NW			
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>		
41573	11.00	632.83	41583	0.00	631.78	N		
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>
8.00	CIRC	VCP	152.00	152.00	07/09/1965	SUNNY	RW	HILRIG CHAP-6 DVD#10
<u>DISTANCE F/T</u>	<u>CODE</u>	<u>DESCRIPTION</u>	<u>SEVERITY</u>	<u>MEAS</u>	<u>POSITION</u>	<u>OBSERVATION COMMENTS</u>		
0.10	0.10	AMH	ACCESS POINT MANHOLE					
50.30	50.30	TFA	TAP FACTORY MADE ACTIVE		3 to			
71.10	71.10	RM	ROOTS MEDIUM	03	12 to 12			
86.30	86.30	RF	ROOTS FINE	01	2 to 5			
96.90	96.90	RB	ROOTS BALL	04	12 to 12			
127.60	127.60	RM	ROOTS MEDIUM	03	12 to 12			
133.00	133.00	RB	ROOTS BALL	04	2 to 6			
134.50	134.50	RM	ROOTS MEDIUM	03	6 to 11			
140.00	140.00	MSA	MISC SURVEY ABANDONED			CAN NOT PASS ROOT BALL. CAN SEE DOWN STREAM MH.		
140.00	140.00	RM	ROOTS MEDIUM	03	2 to 11			

PACr TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>				
698050	9/14/09 10:54 am	BERGLUND	00022	9012 COLLINGWOOD RD	EA 180' SE				
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>			
78206	0.00	654.16	41570	0.00	645.25	Y			
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>	
8.00	CIRC	VCP	182.00	182.00	07/09/1965	SUNNY	EM	HILRIG	CHAP-7 DVD#10
DISTANCE F/T	CODE	DESCRIPTION	SEVERITY	MEAS	POSITION	OBSERVATION	COMMENTS		
0.00	0.00	AMH	ACCESS POINT MANHOLE						
82.00	82.00	RFC	ROOTS FINE CONNECTION	01	3 to				
82.00	82.00	TF	TAP FACTORY		3 to				
128.70	128.70	RF	ROOTS FINE	01	1 to 5				
139.20	139.20	RBL	ROOTS BALL LATERAL	04	3 to				
139.20	139.20	TF	TAP FACTORY		3 to				
140.60	140.60	RM	ROOTS MEDIUM	03	2 to 10				
155.70	155.70	RF	ROOTS FINE	01	7 to				
171.00	171.00	RM	ROOTS MEDIUM	03	1 to 10				
177.00	177.00	RF	ROOTS FINE	01	12 to				
179.90	179.90	AMH	ACCESS POINT MANHOLE						

# PACr TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>					
698052	9/14/09 11:29 am	BERGLUND	00022	9100 COLLINGWOOD RD	EA 160' SE					
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEY</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEY</u>	<u>REVERSE SETUP?</u>				
41569	4.50	646.86	41570	0.00	645.25	Y				
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>		
8.00	CIRC	VCP	161.00	161.00	07/09/1965	SUNNY	EM	HILRIG	CHAP-8	DVD#10
DISTANCE F/T	CODE	DESCRIPTION	SEVERITY	MEAS	POSITION	OBSERVATION COMMENTS				
116.00	116.00	DSC	DEPOSITS SETTLED HARD/COMPACTD	03		CAMERA COULD NOT PASS.				
116.00	116.00	MSA	MISC SURVEY ABANDONED			CAMERA COULD NOT PASS.				
116.00	116.00	RML	ROOTS MEDIUM LATERAL	03						
145.20	145.20	RB	ROOTS BALL	04	12 to 12					
145.20	145.20	TB	TAP BREAK-IN/HAMMER		12 to					
160.90	160.90	AMH	ACCESS POINT MANHOLE							

PACr TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>					
698054	9/14/09 12:40 pm	BERGLUND	00022	8902 COLLINGWOOD RD	STONYBROOK DR / COTTAGEHILL RD					
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>				
41554	6.98	618.42	78204	0.00	603.77	N				
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>		
8.00	CIRC	VCP	150.00	150.00	07/09/1965	SUNNY	EM	HILRIG	CHAP-9	DVD#10
<u>DISTANCE F/T</u>		<u>CODE</u>	<u>DESCRIPTION</u>	<u>SEVERITY</u>	<u>MEAS</u>	<u>POSITION</u>	<u>OBSERVATION COMMENTS</u>			
0.10	0.10	AMH	ACCESS POINT MANHOLE							
128.40	128.40	RF	ROOTS FINE	01		8 to 11				
134.00	134.00	RTC	ROOTS TAP CONNECTION	02		3 to				
134.00	134.00	TF	TAP FACTORY			3 to				
145.00	145.00	LD	LINE DOWN	01		6 to				at drop inlet of mh.
150.00	150.00	AMH	ACCESS POINT MANHOLE							

# PACr TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>			
698059	9/14/09 1:15 pm	BERGLUND	00022	8925 LA COSTA RD	EA 165' N			
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>		
61296	4.75	657.53	61293	0.00	654.23	N		
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>
8.00	CIRC	VCP	143.50	143.50	07/09/1965	SUNNY	EM	HILRIG CHAP10 DVD#10
DISTANCE F/T	CODE	DESCRIPTION	SEVERITY	MEAS	POSITION	OBSERVATION	COMMENTS	
0.10	0.10	AMH	ACCESS POINT MANHOLE					
15.40	15.40	RF	ROOTS FINE	01	8 to 11			
30.00	30.00	RF	ROOTS FINE	01	8 to 3			
34.30	38.20	RPR	POINT REPAIR,PIPE REPLACED				LINE HAS A PVC REPAIR WITH SERVICE LINE AT 9OCK.	
35.40	35.40	RBL	ROOTS BALL LATERAL	04	9 to			
35.40	35.40	TF	TAP FACTORY		9 to		LINE HAS A PVC REPAIR WITH SERVICE LINE AT 9OCK.	
38.20	38.20	JAM	JOINT,ANGULAR,MEDIUM	01			AT HOOKUP OF PVC TO VCP.	
52.40	52.40	RF	ROOTS FINE	01	9 to 3			
57.40	57.40	RF	ROOTS FINE	01	10 to 3			
82.00	82.00	RF	ROOTS FINE	01	12 to 4			
107.50	107.50	TF	TAP FACTORY		9 to			
138.70	138.70	AMH	ACCESS POINT MANHOLE					



PACr TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>			
698065	9/14/09 1:54 pm	BERGLUND	00022	8935 LA COSTA RD	EA 220' N			
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>		
61304	4.50	669.39	61296	0.00	657.53	Y		
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>
8.00	CIRC	VCP	423.70	423.70	07/09/1965	SUNNY	EM	HILRIG CHAP12 DVD#10
<u>DISTANCE F/T</u>	<u>CODE</u>	<u>DESCRIPTION</u>	<u>SEVERITY</u>	<u>MEAS</u>	<u>POSITION</u>	<u>OBSERVATION COMMENTS</u>		
407.70	407.70	LL	LINE LEFT	04		pipe repair.can not camera the rest of line due to hard turn.		
407.70	407.70	MSA	MISC SURVEY ABANDONED					
407.70	407.70	RPR	POINT REPAIR,PIPE REPLACED					
410.10	410.10	RM	ROOTS MEDIUM	03	12 to 12			
418.70	418.70	RF	ROOTS FINE	01				
423.60	423.60	AMH	ACCESS POINT MANHOLE					

PACr TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>			
698066	9/14/09 3:09 pm	BERGLUND	00022	8923 LA COSTA RD	EA 165' N			
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>		
61293	4.50	654.23	61290	0.00	649.53	N		
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>
8.00	CIRC	VCP	205.00	205.00	07/09/1965	SUNNY	EM	HILRIG CHAPII DVD#10
DISTANCE F/T	CODE	DESCRIPTION	SEVERITY	MEAS	POSITION	OBSERVATION	COMMENTS	
0.10	0.10	AMH	ACCESS POINT MANHOLE					
9.50	9.50	RF	ROOTS FINE	01	8 to 5			
14.40	14.40	RF	ROOTS FINE	01				
20.00	20.00	RM	ROOTS MEDIUM	03	12 to 12			
44.20	44.20	RM	ROOTS MEDIUM	03	1 to 6			
49.40	49.40	RM	ROOTS MEDIUM	03	10 to 6			
50.00	50.00	RBL	ROOTS BALL LATERAL	04	9 to			
50.00	50.00	TF	TAP FACTORY		9 to			
51.00	51.00	RM	ROOTS MEDIUM	03	10 to 6			
127.00	127.00	TF	TAP FACTORY		3 to			
128.30	128.30	TF	TAP FACTORY		9 to			
170.00	173.30	CM	CRACK, MULTIPLE	03				
171.80	171.80	RF	ROOTS FINE	01	5 to			
179.60	179.60	RM	ROOTS MEDIUM	03	12 to 12			
184.40	184.40	RF	ROOTS FINE	01				
205.00	205.00	AMH	ACCESS POINT MANHOLE					

PACr TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>			
698069	9/14/09 3:07 pm	BERGLUND	00022	4005 KIRBY LN	EA 30' E			
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEY</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEY</u>	<u>REVERSE SETUP?</u>		
61266	4.78	631.22	61267-W	0.00	630.90	N		
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>
8.00	CIRC	VCP	79.00	79.00	07/09/1965	SUNNY	EM	HILRIG CHAP13 DVD#10
DISTANCE F/T	CODE	DESCRIPTION	SEVERITY	MEAS	POSITION	OBSERVATION	COMMENTS	
0.10	0.10	AMH	ACCESS POINT MANHOLE					
10.00	10.00	FL	FRACTURE, LONGITUDINAL	03	2 to			
10.00	10.00	TB	TAP BREAK-IN/HAMMER		3 to			
69.00	69.00	TF	TAP FACTORY		3 to			
79.00	79.00	AWW	ACCESS POINT WETWELL					

MSD00219

PACr TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>					
698070	9/14/09 3:26 pm	BERGLUND	00022	4005 KIRBY LN	EA 30' E					
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>				
61265	4.68	633.52	61266	0.00	631.22	Y				
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>		
8.00	CIRC	VCP	64.00	64.00	07/09/1965	SUNNY	RW	HILRIG	CHAP14	DVD#10
<u>DISTANCE F/T</u>	<u>CODE</u>	<u>DESCRIPTION</u>	<u>SEVERITY</u>	<u>MEAS</u>	<u>POSITION</u>	<u>OBSERVATION COMMENTS</u>				

PAC TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>			
698071	9/14/09 4:36 pm	BERGLUND	36023	4413 MANSFIELD ESTATES DR				
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>		
107624	19.39	634.95	107623	4.99	633.27	Y		
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>
8.00	CIRC	PVC	343.83	343.83	07/08/2004	SUNNY	EMR	HILRIG CHAP15 DVD#10
<u>DISTANCE F/T</u>	<u>CODE</u>	<u>DESCRIPTION</u>	<u>SEVERITY</u>	<u>MEAS</u>	<u>POSITION</u>	<u>OBSERVATION</u>	<u>COMMENTS</u>	
0.83	0.83	AMH	ACCESS POINT MANHOLE					
28.83	28.83	TF	TAP FACTORY		12 to			
166.33	166.33	TF	TAP FACTORY		12 to			
241.83	241.83	TF	TAP FACTORY		3 to			
319.13	319.13	TF	TAP FACTORY		3 to			
343.73	343.73	AMH	ACCESS POINT MANHOLE					

PACr TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>			
698072	9/14/09 4:55 pm	BERGLUND	36023	4405 MANSFIELD ESTATES DR				
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEY</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEY</u>	<u>REVERSE SETUP?</u>		
107623	4.99	633.27	107622	5.74	621.42	N		
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>
8.00	CIRC	PVC	87.91	87.91	07/08/2004	SUNNY	EMR	HILRIG CHAP16 DVD#10
DISTANCE F/T	CODE	DESCRIPTION	SEVERITY	MEAS	POSITION	OBSERVATION	COMMENTS	
0.10	0.10	AMH	ACCESS POINT MANHOLE					
65.00	65.00	TF	TAP FACTORY		9 to			
87.70	87.70	AMH	ACCESS POINT MANHOLE					

PACr TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>			
698073	9/14/09 5:49 pm	BERGLUND	36023	8918 COLLINGWOOD RD	EA 150' SW			
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>		
41580	4.85	618.06	41578	0.00	617.24	N		
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>
8.00	CIRC	VCP	165.00	165.00	07/09/1965	SUNNY	EM	HILRIG CHAP17 DVD#10
DISTANCE F/T	CODE	DESCRIPTION	SEVERITY	MEAS	POSITION	OBSERVATION	COMMENTS	
0.10	0.10	AMH	ACCESS POINT MANHOLE					
9.00	9.00	RM	ROOTS MEDIUM	03	3 to 9			
12.00	12.00	RM	ROOTS MEDIUM	03	3 to 9			
23.00	23.00	RF	ROOTS FINE	01	3 to 9			
26.00	26.00	RF	ROOTS FINE	01	3 to 6			
38.50	38.50	RF	ROOTS FINE	01	3 to 9			
38.50	58.00	RM	ROOTS MEDIUM	03	3 to 9			
58.00	58.00	RBL	ROOTS BALL LATERAL	04	3 to			
58.00	58.00	TF	TAP FACTORY		3 to			
85.00	121.00	RF	ROOTS FINE	01	9 to 11			
165.00	165.00	AMH	ACCESS POINT MANHOLE					

MSD00223

PACr TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>			
698075	9/14/09 5:58 pm	BERGLUND	36023	8914 COLLINGWOOD RD	EA 190' SW			
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>		
41578	4.80	617.24	41579	0.00	608.10	N		
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>
8.00	CIRC	VCP	90.00	90.00	07/09/1965	SUNNY	EM	HILRIG CHAP18 DVD#10
<u>DISTANCE F/T</u>	<u>CODE</u>	<u>DESCRIPTION</u>	<u>SEVERITY</u>	<u>MEAS</u>	<u>POSITION</u>	<u>OBSERVATION COMMENTS</u>		
0.10	0.10	AMH	ACCESS POINT MANHOLE					
19.00	19.00	TFA	TAP FACTORY MADE ACTIVE		3 to			
80.00	80.00	RF	ROOTS FINE	01	9 to 11			
82.50	82.50	LD	LINE DOWN	01	6 to	drop inlet of mh.		
86.50	86.50	AMH	ACCESS POINT MANHOLE					



# PACP TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>			
698082	9/15/09 10:04 am	BERGLUND	00022	8912 COLLINGWOOD RD	EA 210' SW			
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>		
41579	8.11	604.69	41587	0.00	604.17	N		
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>
15.00	CIRC	VCP	61.00	61.00	07/09/1965	SUNNY	EM	HILRIG CHAP-1 DVD#11
DISTANCE F/T	CODE	DESCRIPTION	SEVERITY	MEAS	POSITION	OBSERVATION	COMMENTS	
0.10	0.10	AMH	ACCESS POINT MANHOLE					
57.50	57.50	ID	INFILTRATION,DRIPPER	03	1 to			
61.00	61.00	AMH	ACCESS POINT MANHOLE					

PAC TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>				
698083	9/15/09 10:15 am	BERGLUND	00022	8910 COLLINGWOOD RD	EA 235' SW				
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>			
41586	8.18	603.52	41559	0.00	602.66	N			
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>	
15.00	CIRC	VCP	80.00	80.00	07/09/1965	SUNNY	EM	HILRIG	CHAP-2 DVD#11
DISTANCE F/T	CODE	DESCRIPTION	SEVERITY	MEAS	POSITION	OBSERVATION	COMMENTS		
0.10	0.10	AMH	ACCESS POINT MANHOLE						
77.50	77.50	AMH	ACCESS POINT MANHOLE						
77.50	77.50	TF	TAP FACTORY		9 to	6in line coming into mh.clear water.may be i/i from creek.			

PACr TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>			
698084	9/15/09 10:33 am	BERGLUND	00022	8908 COLLINGWOOD RD	EA 210' SW			
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>		
41559	7.84	602.66	41558	0.00	601.11	N		
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>
15.00	CIRC	VCP	145.50	145.50	07/09/1965	SUNNY	EM	HILRIG CHAP-3 DVD#11
DISTANCE F/T	CODE	DESCRIPTION	SEVERITY	MEAS	POSITION	OBSERVATION	COMMENTS	
0.10	0.10	AMH	ACCESS POINT MANHOLE					
15.00	15.00	TF	TAP FACTORY		9 to			
23.00	23.00	TF	TAP FACTORY		3 to			
86.50	86.50	TF	TAP FACTORY		3 to			
98.50	98.50	FL	FRACTURE, LONGITUDINAL	03	5 to	at joint		
134.00	134.00	TFA	TAP FACTORY MADE ACTIVE		3 to			
142.60	142.60	AMH	ACCESS POINT MANHOLE					
142.60	142.60	RMB	ROOTS MEDIUM BARREL	04				

MSD00227

PACr TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>			
698085	9/15/09 11:00 am	BERGLUND	00022	8904 COLLINGWOOD RD	EA 165' SW			
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>		
41558	7.89	601.11	78204	0.00	599.80	N		
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>
15.00	CIRC	VCP	122.00	122.00	07/09/1965	SUNNY	EM	HILRIG CHAP-4 DVD#11
<u>DISTANCE F/T</u>	<u>CODE</u>	<u>DESCRIPTION</u>	<u>SEVERITY</u>	<u>MEAS</u>	<u>POSITION</u>	<u>OBSERVATION COMMENTS</u>		
0.10	0.10	AMH	ACCESS POINT MANHOLE					
65.00	90.00	DNF	DEPOSITS INGRESS FINE SILT/SND	03		track is locking up due to fine grit.		
90.00	90.00	MSA	MISC SURVEY ABANDONED			track is locking up due to fine grit.		

PACr TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>			
698089	9/15/09 12:19 pm	BERGLUND	00022	8613 WATTERSON TRL	EA 70' NW			
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>		
41588	8.05	606.15	41579	0.00	604.69	Y		
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>
15.00	CIRC	VCP	137.10	137.10	07/09/1965	SUNNY	EM	HILRIG CHAP-5 DVD#11
DISTANCE F/F	CODE	DESCRIPTION	SEVERITY	MEAS	POSITION	OBSERVATION	COMMENTS	
0.10	0.10	AMH	ACCESS POINT MANHOLE					
46.10	46.10	DNGV	DEPOSITS INGRESS GRAVEL	01				
50.60	50.60	DNGV	DEPOSITS INGRESS GRAVEL	01				
65.30	65.30	DNGV	DEPOSITS INGRESS GRAVEL	01				
91.10	91.10	RF	ROOTS FINE	01				
125.60	125.60	RF	ROOTS FINE	01				
137.00	137.00	AMH	ACCESS POINT MANHOLE					

PACr TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>			
698095	9/15/09 12:27 pm	BERGLUND	00022	8912 COLLINGWOOD RD	EA 225' SW			
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>		
41587	7.74	604.17	41586	0.00	603.52	N		
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>
15.00	CIRC	VCP	100.00	100.00	07/09/1965	SUNNY	EM	HILRIG CHAP-1 DVD#11
<u>DISTANCE F/T</u>	<u>CODE</u>	<u>DESCRIPTION</u>	<u>SEVERITY</u>	<u>MEAS</u>	<u>POSITION</u>	<u>OBSERVATION</u>	<u>COMMENTS</u>	
0.10	0.10	AMH	ACCESS POINT MANHOLE					
99.00	99.00	AMH	ACCESS POINT MANHOLE					

PACr TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>			
698096	9/15/09 2:04 pm	BERGLUND	00022	8619 WATTERSON TRL	EA 65' NW			
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>		
41581	8.14	608.76	41589	0.00	608.07	N		
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>
15.00	CIRC	VCP	64.50	64.50	07/09/1965	SUNNY	EM	HILRIG CHAP-6 DVD#11
<u>DISTANCE FT</u>	<u>CODE</u>	<u>DESCRIPTION</u>	<u>SEVERITY</u>	<u>MEAS</u>	<u>POSITION</u>	<u>OBSERVATION COMMENTS</u>		
0.10	0.10	AMH	ACCESS POINT MANHOLE			MH.NEEDS TO BE RAISED.AND REPAIRED DUE TO HEAVY I/I.		
0.10	0.10	IR	INFILTRATION,RUNNER	04		MH.NEEDS TO BE RAISED.AND REPAIRED DUE TO HEAVY I/I.		
56.80	56.80	ID	INFILTRATION,DRIPPER	03	12 to 12			
64.50	64.50	AMH	ACCESS POINT MANHOLE					
64.50	64.50	RBB	ROOTS BALL BARREL	05				

# PACr TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>																
698099	9/15/09 2:38 pm	BERGLUND	00022	8617 WATTERSON TRL	EA 80' NE	<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>									
						41589	8.33	608.07	41588	0.00	606.15	N	<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>
						15.00							15.00	CIRC	VCP	179.30	179.30	07/09/1965	SUNNY	EM	HILRIG CHAP-7 DVD#11
<u>DISTANCE F/T</u>		<u>CODE</u>	<u>DESCRIPTION</u>	<u>SEVERITY</u>	<u>MEAS</u>	<u>POSITION</u>	<u>OBSERVATION COMMENTS</u>														
0.10	0.10	AMH	ACCESS POINT MANHOLE																		
1.50	1.50	RBB	ROOTS BALL BARREL	05																	
13.30	13.30	ID	INFILTRATION,DRIPPER	03		3 to	COMING OUT OF PLUGED SERVICE LINE														
13.30	13.30	TFC	TAP FACTORY MADE CAPPED			3 to															
14.50	14.50	ID	INFILTRATION,DRIPPER	03			AT JOINT														
25.00	25.00	ID	INFILTRATION,DRIPPER	03			AT JOINT														
30.50	30.50	ID	INFILTRATION,DRIPPER	03			AT JOINT														
44.50	44.50	ID	INFILTRATION,DRIPPER	03			AT JOINT														
75.00	75.00	ID	INFILTRATION,DRIPPER	03			AT JOINT														
85.00	85.00	ID	INFILTRATION,DRIPPER	03			AT JOINT														
95.50	95.50	ID	INFILTRATION,DRIPPER	03			AT JOINT														
139.50	139.50	RF	ROOTS FINE	01		12 to 12	AT JOINT														
144.50	144.50	RF	ROOTS FINE	01		12 to 12	AT JOINT														
150.00	150.00	RM	ROOTS MEDIUM	03		12 to 12	AT JOINT														
157.50	157.50	RF	ROOTS FINE	01			AT JOINT														
168.00	178.00	DNGV	DEPOSITS INGRESS GRAVEL	03																	
173.00	173.00	ID	INFILTRATION,DRIPPER	03																	
178.50	178.50	AMH	ACCESS POINT MANHOLE																		



PACr TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>			
698100	9/15/09 3:02 pm	BERGLUND	00305	8619 WATTERSON TRL	EA 45' NE			
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>		
99024	9.66	610.14	41581	8.90	609.80	Y		
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>
15.00	CIRC	VCP	47.36	47.36	07/09/1965	SUNNY	EM	HILRIG CHAP-8 DVD#11
DISTANCE F/T	CODE	DESCRIPTION	SEVERITY	MEAS	POSITION	OBSERVATION COMMENTS		
1.56	1.56	AMH	ACCESS POINT MANHOLE					
31.36	31.36	CC	CRACK, CIRCUMFERENTIAL	01	12 to 5			
47.26	47.26	AMH	ACCESS POINT MANHOLE					

MSD00233

# PACr TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>			
698102	9/15/09 3:58 pm	BERGLUND	00305	8900 LA COSTA RD	* EA 30' E			
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>		
61270	9.60	659.68	61269	0.00	647.80	N		
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>
8.00	CIRC	VCP	180.00	180.00	07/09/1965	SUNNY	IS	HILRIG CHAP-9 DVD#11
DISTANCE F/T	CODE	DESCRIPTION	SEVERITY	MEAS	POSITION	OBSERVATION	COMMENTS	
0.10	0.10	AMH	ACCESS POINT MANHOLE					
61.00	61.00	HVV	PIPE FAILURE,HOLE,VOID VISIBLE	05	3 to	AT JOINT		
72.00	72.00	RPP	POINT REPAIR,PATCH REPAIR		8 to 10	AT JOINT		
176.70	176.70	LD	LINE DOWN	01	6 to	AT DROP INLET OF MH.		
180.00	180.00	AMH	ACCESS POINT MANHOLE					

MSD00234

PACr TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>				
698105	9/16/09 9:37 am	BERGLUND	00022	4107 STONY BROOK DR	EA 30' E				
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>			
61271	5.75	660.98	61270	0.00	659.68	Y			
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>	
8.00	CIRC	VCP	260.00	260.00	07/09/1965	SUNNY	RW	HILRIG	CHAP10 DVD#11
DISTANCE F/T	CODE	DESCRIPTION	SEVERITY	MEAS	POSITION	OBSERVATION COMMENTS			
0.10	0.10	AMH	ACCESS POINT MANHOLE						
41.50	41.50	TF	TAP FACTORY		3 to				
104.50	104.50	TF	TAP FACTORY		3 to				
118.30	118.30	JOM	JOINT,OFFSET(DISPLACED),MEDIUM	01					
118.30	118.30	MWLS	MISC WATER LEVEL	04					AT SWAG.THIS COMPLETS THIS LINE SEGMENT
120.00	120.00	D	DEFORMED,PIPE	04					CAMERA CAN NOT PASS.WILL TV FROM THE UP STREAM MH.TO COMPLETE.VIDEO WILL BE ON CHAP.10 AND 11.OF DVD#11
120.00	120.00	MSA	MISC SURVEY ABANDONED						CAMERA CAN NOT PASS.PIPE IS DEFORMED.
120.50	120.50	TB	TAP BREAK-IN/HAMMER		1 to				
125.00	125.00	FM	FRACTURE,MULTIPLE	04					
125.00	125.00	RF	ROOTS FINE	01	11 to 1				
126.00	126.00	MWLS	MISC WATER LEVEL	04					1/2 PIPE SWAG
135.30	135.30	RF	ROOTS FINE	01	1 to 6				AT JOINT
146.00	146.00	TB	TAP BREAK-IN/HAMMER		2 to				
150.00	150.00	RF	ROOTS FINE	01					AT JOINT
160.00	160.00	RM	ROOTS MEDIUM	03	8 to 4				AT JOINT
164.40	164.40	RM	ROOTS MEDIUM	03	6 to 1				AT JOINT
169.50	169.50	RM	ROOTS MEDIUM	03	12 to 12				AT JOINT
174.80	174.80	RM	ROOTS MEDIUM	03	6 to 1				AT JOINT
185.00	185.00	RM	ROOTS MEDIUM	03	6 to 1				AT JOINT
195.00	195.00	RM	ROOTS MEDIUM	03	1 to 6				
204.60	204.60	RF	ROOTS FINE	01	10 to 12				
209.80	209.80	RF	ROOTS FINE	01	6 to 1				
215.30	215.30	RFL	ROOTS FINE LATERAL	01	9 to				
215.30	215.30	TF	TAP FACTORY		9 to				
259.90	259.90	AMH	ACCESS POINT MANHOLE						



PACr TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>			
698110	9/16/09 9:46 am	BERGLUND	00342	4107 STONY BROOK DR				
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>		
61271-ST	0.00	0.00	61271	0.00	0.00	Y		
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>
8.00	CIRC	VCP	8.00	8.00	07/09/1965	SUNNY	RW	HILRIG CHAP12 DVD#11
<u>DISTANCE F/T</u>	<u>CODE</u>	<u>DESCRIPTION</u>	<u>SEVERITY</u>	<u>MEAS</u>	<u>POSITION</u>	<u>OBSERVATION COMMENTS</u>		
0.00	0.00					AT THE END OF STUB.		
0.40	0.40	TF	TAP FACTORY		9 to			
7.90	7.90	AMH	ACCESS POINT MANHOLE					

PACr TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>			
698111	9/16/09 2:48 pm	BERGLUND	00342	3503 PIROGUE RD	EA 130' E			
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>		
41475	5.80	685.80	42505	6.28	679.32	Y		
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>
8.00	CIRC	VCP	150.90	150.90	09/10/1979	SUNNY	EM	HILRIG CHAP18 DVD#11
<u>DISTANCE F/T</u>	<u>CODE</u>	<u>DESCRIPTION</u>	<u>SEVERITY</u>	<u>MEAS</u>	<u>POSITION</u>	<u>OBSERVATION COMMENTS</u>		
2.40	2.40	AMH	ACCESS POINT MANHOLE			LINE HAS A STUB NOT LISTED.HAS A SERVICE LINE AT 9.8FT AT 9.OCK. AND STUBS AT 10FT.		
7.50	7.50	RF	ROOTS FINE	01				
27.40	27.40	RBL	ROOTS BALL LATERAL	04	9 to			
27.40	27.40	RMC	ROOTS MEDIUM CONNECTION	03	9 to			
27.40	27.40	TF	TAP FACTORY		9 to			
95.90	95.90	RML	ROOTS MEDIUM LATERAL	03	9 to			
95.90	95.90	TF	TAP FACTORY		9 to			
110.90	110.90	RM	ROOTS MEDIUM	03	9 to 11			
111.10	111.10	RBC	ROOTS BALL CONNECTION	04	3 to			
111.10	111.10	RBL	ROOTS BALL LATERAL	04	3 to			
111.10	111.10	TF	TAP FACTORY		3 to			
150.80	150.80	AMH	ACCESS POINT MANHOLE					

PACr TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>	<u>REVERSE SETUP?</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>
698112	9/16/09 11:20 am	BERGLUND	00342	3908 STONY BROOK DR	AT LETHBOROUGH DR	N	SUNNY	CR	HILRIG CHAP13 DVD#11
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>				
61274	5.70	657.60	61273	0.00	654.38				
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>SEVERITY</u>	<u>MEAS</u>	<u>POSITION</u>	<u>OBSERVATION COMMENTS</u>
8.00	CIRC	VCP	366.00	366.00	07/09/1965				
DISTANCE F/T	CODE	DESCRIPTION							
0.10	0.10	AMH	ACCESS POINT MANHOLE					3 to	
15.00	15.00	TF	TAP FACTORY			03		11 to 6	at joint
95.40	95.40	RM	ROOTS MEDIUM					3 to	
96.50	96.50	TF	TAP FACTORY			01		2 to 6	
117.60	117.60	RF	ROOTS FINE					9 to	
168.00	168.00	TF	TAP FACTORY			03		3 to	
169.70	169.70	RML	ROOTS MEDIUM LATERAL					3 to	
169.70	169.70	TF	TAP FACTORY			01			
175.00	175.00	RF	ROOTS FINE					9 to	
241.30	241.30	TF	TAP FACTORY			03		9 to 6	
247.50	247.50	RM	ROOTS MEDIUM					3 to	
253.50	253.50	TF	TAP FACTORY			01		4 to	
254.00	254.00	RF	ROOTS FINE			02		4 to	
254.50	254.50	CL	CRACK, LONGITUDINAL			03			
280.70	280.70	RM	ROOTS MEDIUM			01		8 to 3	
318.00	318.00	RF	ROOTS FINE					9 to	
319.30	319.30	TF	TAP FACTORY					3 to	
327.00	327.00	TF	TAP FACTORY						
364.50	364.50	AMH	ACCESS POINT MANHOLE						

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PACr TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>			
698113	9/16/09 1:06 pm	BERGLUND	00342	4002 STONY BROOK DR	LETHBOROUGH DR / LA COSTA RD			
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>		
61273	5.64	654.38	73359	0.00	636.15	N		
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>
8.00	CIRC	VCP	344.00	344.00	07/09/1965	SUNNY	CR	HILRIG CHAP15 DVD#11
DISTANCE F/T	CODE	DESCRIPTION	SEVERITY	MEAS	POSITION	OBSERVATION	COMMENTS	
0.10	0.10	AMH	ACCESS POINT MANHOLE					
12.50	12.50	CC	CRACK, CIRCUMFERENTIAL	01	8 to 5			
42.50	42.50	TF	TAP FACTORY		9 to			
49.50	49.50	TF	TAP FACTORY		3 to			
110.50	110.50	TF	TAP FACTORY		9 to			
116.70	116.70	RF	ROOTS FINE	01	8 to 12	at joint		
126.60	126.60	RF	ROOTS FINE	01	11 to 2			
136.70	136.70	RM	ROOTS MEDIUM	03	2 to 4			
137.40	137.40	TF	TAP FACTORY		3 to			
143.60	143.60	RM	ROOTS MEDIUM	03	11 to 3	AT JOINT		
174.00	174.00	TF	TAP FACTORY		9 to			
191.00	191.00	TF	TAP FACTORY		3 to			
247.50	247.50	TF	TAP FACTORY		9 to			
294.20	294.20	TF	TAP FACTORY		3 to			
343.00	343.00	AMH	ACCESS POINT MANHOLE					



PACr TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>					
698115	9/16/09 1:17 pm	BERGLUND	00342	4012 STONY BROOK DR	LETHBOROUGH DR / LA COSTA RD					
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>				
73359	7.05	636.15	61268	0.00	635.32	N				
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>		
8.00	CIRC	VCP	66.00	66.00	07/09/1965	SUNNY	CR	HILRIG	CHAP16	DVD#11
DISTANCE F/T	CODE	DESCRIPTION	SEVERITY	MEAS	POSITION	OBSERVATION COMMENTS				
0.10	0.10	AMH	ACCESS POINT MANHOLE							
2.20	2.20	RM	ROOTS MEDIUM	03						
6.50	6.50	TF	TAP FACTORY		9 to					
13.50	13.50	TF	TAP FACTORY		3 to					
29.30	29.30	ID	INFILTRATION,DRIPPER	03						
62.00	62.00	ID	INFILTRATION,DRIPPER	03						
65.00	65.00	AMH	ACCESS POINT MANHOLE							

PACr TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>			
698116	9/16/09 11:40 am	BERGLUND	00342	3906 STONY BROOK DR	CATANVA DR / LETHVBOROUGH DR			
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>		
61274-ST	0.00	657.75	61274	0.00	657.60	Y		
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>
8.00	CIRC	VCP	30.00	30.00	07/09/1965	SUNNY	IS	HILRIG CHAP14 DVD#11
<u>DISTANCE F/T</u>	<u>CODE</u>	<u>DESCRIPTION</u>	<u>SEVERITY</u>	<u>MEAS</u>	<u>POSITION</u>	<u>OBSERVATION</u>	<u>COMMENTS</u>	
0.00	0.00						end of stub	
0.50	0.50	TF	TAP FACTORY		9 to			
20.00	29.00	MWLS	MISC WATER LEVEL	03				
27.00	27.00	FC	FRACTURE,CIRCUMFERENTIAL	02				
29.90	29.90	AMH	ACCESS POINT MANHOLE					

PAC<sub>1</sub> TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>			
698119	9/16/09 1:44 pm	BERGLUND	00342	4016 STONY BROOK DR	* LETHBOROUGH DR / LA COSTA RD			
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>		
61269	8.60	635.80	61268	0.00	635.32	N		
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>
8.00	CIRC	VCP	100.00	100.00	07/09/1965	SUNNY	IS	HILRIG CHAP17 DVD#11
DISTANCE F/T	CODE	DESCRIPTION	SEVERITY	MEAS	POSITION	OBSERVATION	COMMENTS	
0.10	0.10	AMH	ACCESS POINT MANHOLE					
81.40	81.40	ID	INFILTRATION,DRIPPER	03				
90.00	100.00	DNF	DEPOSITS INGRESS FINE SILT/SND	03				
100.00	100.00	AMH	ACCESS POINT MANHOLE					

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PACr TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>			
698312	9/17/09 11:19 am	BERGLUND	00022	3821 SHANNON RUN TRL	EA 170' SE			
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>		
73361	2.94	623.56	73362	0.00	613.89	Y		
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>
8.00	CIRC	VCP	41.70	41.70	01/18/1979	SUNNY	EM	HILRIG CHAP19 DVD#11
DISTANCE F/T	CODE	DESCRIPTION	SEVERITY	MEAS	POSITION	OBSERVATION	COMMENTS	
0.00	0.00	AMH	ACCESS POINT MANHOLE					
12.70	12.70	RF	ROOTS FINE	01	3 to 5			
38.70	38.70	LD	LINE DOWN	01	6 to	DROP INLET OF MH.		

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<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>			
698313	9/17/09 11:45 am	BERGLUND	00022	3906 BRISTOL OAKS DR	BRISTOL OAKS CT / END OF ST			
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>		
61235	7.46	629.54	73361	0.00	623.56	Y		
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>
8.00	CIRC	VCP	269.23	269.23	01/18/1979	SUNNY	EM	HILRIG CHAP20 DVD#11
DISTANCE F/T	CODE	DESCRIPTION	SEVERITY	MEAS	POSITION	OBSERVATION	COMMENTS	
0.23	0.23	AMH	ACCESS POINT MANHOLE					
113.23	113.23	CC	CRACK, CIRCUMFERENTIAL	01	3 to 9			
269.13	269.13	AMH	ACCESS POINT MANHOLE					

PACr TV Inspections for Hill Ridge

<u>INSPNO</u>	<u>COMP DTTM</u>	<u>COMPBY</u>	<u>CREW</u>	<u>ADDRESS</u>	<u>ADDRESS QUALIFIER</u>			
698316	9/17/09 1:47 pm	BERGLUND	00022	8800 HIGH POINT CIR	EA 150' W			
<u>UPS MANHOLE</u>	<u>UPS DPTH</u>	<u>UPS ELEV</u>	<u>DWN MANHOLE</u>	<u>DWN DPTH</u>	<u>DWN ELEV</u>	<u>REVERSE SETUP?</u>		
61242	4.81	610.19	61241	0.00	607.00	N		
<u>DIA</u>	<u>SHAPE</u>	<u>MATERIAL</u>	<u>PIPE LGTH</u>	<u>SURVD LGTH</u>	<u>INST DATE</u>	<u>WEATHER</u>	<u>LOC</u>	<u>MEDIA INFO</u>
12.00	CIRC	VCP	398.92	398.92	06/13/1978	SUNNY	EM	HILRIG CHAP-1 DVD#12
DISTANCE F/T	CODE	DESCRIPTION	SEVERITY	MEAS	POSITION	OBSERVATION	COMMENTS	
0.10	0.10	AMH	ACCESS POINT MANHOLE					
46.00	46.00	RF	ROOTS FINE	01	9 to 12			
398.00	398.00	AMH	ACCESS POINT MANHOLE				LINE IS IN GOOD SHAPE.	

MSD00246

## PACP TV Inspections for Hill Ridge

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Total Inspections          239                                  420,462.38 linear feet