PACIFIC GAS AND ELECTRIC COMPANY GAS DISTRIBUTION PIPELINE SAFETY REPORT

NO. 2011-02

REPORTING PERIOD JULY 1 – DECEMBER 31, 2011

IN COMPLIANCE WITH CPUC DECISION 11-05-018

SUBMITTED MARCH 30, 2012



PACIFIC GAS AND ELECTRIC COMPANY GAS DISTRIBUTION PIPELINE SAFETY REPORT NO. 2011-02

JULY 1 – DECEMBER 31, 2011 IN COMPLIANCE WITH CPUC DECISION 11-05-018

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PACIFIC GAS AND ELECTRIC COMPANY GAS DISTRIBUTION PIPELINE SAFETY REPORT NO. 2011-02

JULY 1 – DECEMBER 31, 2011 IN COMPLIANCE WITH CPUC DECISION 11-05-018

Introduction and Background

PG&E submits this second semi-annual gas distribution pipeline safety report in compliance with California Public Utilities Commission (CPUC or Commission)

Decision 11-05-018 concerning Pacific Gas and Electric Company's (PG&E or the Company) 2011 General Rate Case (GRC). Ordering Paragraph (OP) 44 of that decision requires that:

Pacific Gas and Electric Company shall submit gas distribution pipeline safety reports to the Directors of the Commission's Consumer Protection and Safety Division and Energy Division. The requirements of the reports are detailed in Attachment 5 to this decision.

Attachment 5, page 1, of Decision 11-05-018 further specifies:

Reports shall cover activity over the first six months of the calendar year and the second six months of the calendar year and continue until further notice of the Commission. Reports shall be submitted no later than three months after the end of each six-month period.

This second semi-annual report covers gas distribution pipeline safety information for July 1 through December 31, 2011. This report also covers annual information for 2011. In a separate report submitted on March 1, 2012, in compliance with Decision 11-04-031, which concerned PG&E's Gas Transmission and Storage Services application, the Company reported on related gas transmission pipeline and storage safety information.

This report is organized consistent with the issues set forth in Attachment 5 to Decision 11-05-018:

- Decision-Making Process (Item 1);
- Budgeting, Spending and Project Reprioritization (Items 2-12); and
- Project Descriptions and Status (Items 13-17).

This report includes distribution-level Major Work Categories (MWC) that relate to gas distribution safety, integrity and reliability. Other MWCs, such as New Business

and Work Requested by Others, are not included in this report, but are addressed in the budget report being filed concurrently in compliance with OP 42 of Decision 11-05-018.

Summary

In 2011 PG&E budgeted more overall for gas distribution safety, integrity and reliability than the Settlement Agreement¹ allocations for both capital and expense programs. Additionally, PG&E's actual 2011 expenditures were greater than budgeted for both capital and expense. For capital, PG&E spent \$218.7 million² which is \$61.2 million more than provided for in the Settlement Agreement and \$27.6 million more than originally budgeted. For Operations and Maintenance (O&M or expense) activities, PG&E spent \$149.6 million which is \$11.6 million more than provided for in the Settlement Agreement and \$9.4 million more than originally budgeted. Although PG&E spent more than the amount allocated in the Settlement Agreement on gas distribution safety, reliability and integrity, the Company spent less on some gas distribution programs to fund higher priority gas distribution work.

In total for 2011, PG&E completed nearly 5 million inspections through O&M activities, which is 6 percent above the planned work units. These activities include 3.4 million inspections for atmospheric corrosion on exposed facilities, 819,000 services surveyed for leaks, 567,000 locate and mark tags completed, and 11,300³ service leaks repaired. PG&E has also completed 97 capital projects in 2011 (out of 205 projects described in this report), including the replacement of approximately 33 miles of main and the replacement of 8,720 services.

There were no 2011 planned projects rescheduled to 2012 for the sole reason of proceeding with newly identified projects. Some 2011 project funding was reallocated to 2012 as a result of third-party delays, scheduling conflicts, or permit issues.

Note that accounting adjustments made after submission of PG&E's first Gas
Distribution Pipeline Safety Report (Gas Distribution Pipeline Safety Report
No. 2011-01), submitted September 30, 2011, for the January 1 to June 30, 2011 period

References throughout this report to the Settlement Agreement refer to the multi-party settlement of Phase 1 of PG&E's 2011 GRC, adopted in Decision 11-05-018.

The capital expenditures include increased spending as a result of the Tax Relief, Unemployment Insurance Reauthorization, and Job Creation Act of 2010, which includes provisions on bonus depreciation.

PG&E uses a broader definition of leak repairs than Pipeline and Hazardous Materials Safety Administration (PHMSA), thus the number of leak repairs reported here is higher than the number PG&E reported to PHMSA in its annual gas distribution system report (Form F 7100.1-1) filed on March 15,2012.

are reflected in year-end actuals. The adjustments are relatively small, approximately 1.4 and 3.5 percent for expense and capital, respectively. As a result, if actuals reported for January 1 through June 30 in Gas Distribution Pipeline Safety Report No. 2011-01 are added to actuals for July 1 through December 31, they will not exactly equal the year-end actuals.

Similarly, there is a lag in reporting units of work completed that results in minor differences between units reported in Gas Distribution Pipeline Safety Report No. 2011-01 and year-end actuals for 2011.

Applicability of Reporting Requirements

As explained in Gas Distribution Pipeline Safety Report No. 2011-01 and in our March 14, 2011 comments on the Proposed Decision and Alternate Proposed Decision leading up to Decision 11-05-018, certain requirements identified for inclusion in this report are not applicable to distribution-level gas operations. Where no analogous information is available, PG&E has so indicated in this report. In other instances, PG&E has provided analogous information in order to meet the Commission's intent. With respect to PG&E's Distribution Integrity Management Program (DIMP) risk ranking described in Gas Distribution Pipeline Safety Report No. 2011-01, the results will be provided to the CPUC as part of the DIMP Audit scheduled for December 2012. Similarly, the reporting on capital projects in this report follows the description set forth in Gas Distribution Safety Report No. 2011-01.

-3-

March 14, 2011 Opening Comments of Pacific Gas and Electric Company on the Proposed Decision of ALJ Fukutome and the Alternate Proposed Decision of Commissioner Peevey (Not Including Non-Tariffed Products and Services Issue).

Decision-Making Process

1. Distribution Planning

Request

A thorough description and explanation of the strategic planning and decision-making approach used to determine and rank which capital projects, O&M activities, and inspections are undertaken for gas distribution pipeline, safety, integrity and reliability are to be undertaken.

Response

PG&E established plans and budgets for 2011 gas distribution capital and expense expenditures as part of the Company-wide operating plan development process. The decision-making process was described in Gas Distribution Pipeline Safety Report No. 2011-01, and there has been no change in PG&E's process since that report.

PG&E notes that throughout the year, Gas Operations (along with the other operating departments) occasionally adjusts the work plan. In 2011, the original work plan forecast was updated twice, Cycle 1 in May and Cycle 2 in September. As such, during the July 1 to December 31, 2011 reporting period, the detailed gas distribution budget and work plan were adjusted to address changes in work scope, adjustments in work execution plans, or operational and other emergent issues. This re-planning effort (referred to as Cycle 2 Budget planning) occurred in September 2011 and included minor changes to improve the work plan accuracy by month at the detail level. For gas distribution in 2011, PG&E spent more than the budget in both capital and expense due to accelerated work originally contemplated in future years. Emergent work is evaluated using the same prioritization framework (Mandatory, Priority 1, 2 and 3) as is used for budgeting and is scheduled accordingly.

Budgeting, Spending and Project Reprioritization

2. Settlement Agreement Allocations

Request

Amount of funds allocated in the Settlement Agreement to each MWC related to gas distribution pipeline safety, integrity and reliability for capital expenditures and for O&M expenses. To the extent they are specified in the Settlement Agreement, amounts of funds expected to be incurred for each capital project used as the basis for the settled capital expenditures. If capital projects are not specified in the Settlement Agreement, show the capital projects proposed by PG&E in its Application 09-12-020.

Response

Tables 2-1 and 2-2, which were previously provided in Gas Distribution Pipeline Safety Report No. 2011-01 are set forth below.

TABLE 2-1 PACIFIC GAS AND ELECTRIC COMPANY SUMMARY OF 2011 O&M ALLOCATIONS

FOR GAS DISTRIBUTION PIPELINE SAFETY, INTEGRITY AND RELIABILITY BASED ON THE GRC SETTLEMENT AGREEMENT (D.11-05-018, APPENDIX A, PAGE 1-A3) (IN THOUSANDS OF 2011 DOLLARS)

MWC	MWC Description		Settlement Agreement Allocation		
DE	Leak Survey	\$	15,482		
DF	Locate and Mark	\$	29,902		
DG	Cathodic Protection	\$	10,757		
EX	Meter Protection	\$	1,200		
FG	Operate Gas Distribution System	\$	3,945		
FH	Gas Distribution Preventative Maintenance	\$	16,924		
Trans.	Gas Distribution Corrective Maintenance	\$	35,656		
GF	Operations Distribution – Gas Mapping	\$	1,600		
GG	Gas Engineering	\$	3,060		
JS	Distribution Integrity Management Program	\$	19,500		
	Total	\$	138,026		

TABLE 2-2 PACIFIC GAS AND ELECTRIC COMPANY SUMMARY OF CAPITAL ALLOCATIONS FOR GAS DISTRIBUTION PIPELINE SAFETY, INTEGRITY AND RELIABILITY BASED ON THE GRC SETTLEMENT AGREEMENT (IN THOUSANDS OF 2011 DOLLARS)

MWC	MWC Description	Settlement Agreement Allocation
14	Gas Pipeline Replacement Program	\$ 123,266
27	Gas Meter Protection - Capital	\$ 593
47	Gas Distribution New Capacity	\$ 12,760
50	Gas Distribution Reliability	\$ 20,660
52	Gas Distribution Emergency Response	\$ 264
	Total	\$ 157,543

3. Budget by Major Work Category

Request

Amount budgeted for each MWC at the beginning of each calendar year.

Response

Tables 3-1 and 3-2, which were previously provided in Gas Distribution Pipeline Safety Report No. 2011-01, are set forth below.

TABLE 3-1
PACIFIC GAS AND ELECTRIC COMPANY
SUMMARY OF BUDGETED O&M EXPENSE BY MWC
(IN THOUSANDS OF 2011 DOLLARS)

MWC	MWC Description		11 Total	
DE	G Dist Leak Survey	\$	18,609	
DF	G&E T&D Locate & Mark	\$	26,978	
DG	G Dist Cathodic Protection	\$	8,748	
EX	G Dist Meter Protection	\$	199	
FG	G Dist Operate System	\$	3,038	
FH	G Dist Preventive Maint	\$	19,173	
FI	G Dist Corrective Maint	\$	39,550	
GF	G Dist Mapping	\$	934	
GG	G Dist Planning & Ops Engineer	\$	3,070	
JS	G Dist Integrity Management	\$	19,500	
KF	GT&D Impl Regulatory Change	\$	367	
Gas Distri	Gas Distribution Expense			

TABLE 3-2
PACIFIC GAS AND ELECTRIC COMPANY
SUMMARY OF BUDGETED CAPITAL BY MWC
(IN THOUSANDS OF 2011 DOLLARS)

MWC	MWC Description	20	11 Total
14	G Dist Pipeline Repl Program	\$	123,707
27	Gas Meter Protection-Capital	\$	332
47	G Dist Capacity	\$	12,000
50	G Dist Reliability General	\$	39,390
52	G Dist Leak Repl/Emergency	\$	702
2J	GT&D Impl Regulatory Change	\$	0
2K	G Dist Repl/Convert Cust HPR	_\$	15,000
Gas Distril	bution Capital	\$	191,131

4. Capital Spending by Major Work Category

Request

Amount spent during the reporting period, year-to-date (YTD), and annual totals by MWC and for each capital project within each MWC.

Response

Table 4-1 provides a summary, by capital MWC, of the spending on gas distribution pipeline safety, reliability and integrity for the period July 1 through December 31, 2011, and for the full year 2011.

TABLE 4-1
PACIFIC GAS AND ELECTRIC COMPANY
SUMMARY OF CAPITAL SPENDING BY MWC
(IN THOUSANDS OF 2011 DOLLARS)

MWC	MWC Description		Actuals 7/1 - 12/31		2011 Total		
14	G Dist Pipeline Repl Program	\$	66,037	\$	126,999		
27	Gas Meter Protection-Capital	\$	9	\$	9		
47	G Dist Capacity	\$	7,568	\$	12,521		
50	G Dist Reliability General	\$	30,728	\$	58,543		
52	G Dist Leak Repl/Emergency	\$	139	\$	505		
2J	GT&D Impl Regulatory Change	\$	434	\$	500		
2K	G Dist Repl/Convert Cust HPR	\$	18,881	\$	19,631		
Gas Distribu	ition Capital	\$	123,796	\$	218,708		

Table 4-2 provides additional project-by-project spending detail. The column titled "Project No." corresponds to the type of work by division. Within each "Project No." are many orders for specific projects. Orders for these specific projects that meet the criteria for this report are noted with an eight digit number and an order description. Orders noted as "OTHER" reflect a grouping of smaller projects that are forecasted to be less than \$250,000. This level of detail shows all projects or grouping of projects within each MWC.

Line No.	MWC	Project No	Project No Description	Order	Order Description	Actuals 7/1 - 12/31	2011Total	Order Cost Since Inception
1	14		MWC 14 TOTAL	Total	MWC 14 TOTAL	\$ 66,037	\$ 126,999	
2	14	5507666 Total	EconStim SA CopperSrv Repl	Total		\$ 6,572	\$6,573	\$6,573
3	14	5510177	EconStim Pipeline Replacement San Jose	30801106	GCOTTLE& CAMINOPBLOGPRP,SJ	\$774	\$ 780	\$
4 5	14	5510177Total 5510178	EconStim PipelineReplacementSan Jose EconStim Pipeline Replacement San Franc	Total 30822273	EGGPRPCROWNTERRACESANFRANCISCO	\$ 774 \$ 251	\$ 780 \$251	\$ 780 \$251
20000000000000000000000000000000000000	14	5510178	EconStim PipelineReplacementSarFranc	30822277	GPRPCORBETTSANFRANCISCO	\$1,187	OTTOWN THE THE PROPERTY OF THE PARTY OF THE	Santa and a second seco
7	14	5510178	EconStim Pipeline Replacement San Franc	30822328	OC1EGGRPRHOLLYPARK2	\$1,450		&
8	14	5510178	EconStim Pipeline Replacement San Franc	30833652	GPRP-SPOTMAIN-BEALEST.,SF	\$1,467	\$1,470	\$1,470
9	14	5510178Total	EconStim PipelineReplacementSan Franc	Total	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	\$ 4,355	\$4,359	\$4,359
10	14	5510179Total	EconStim PN Coppertnaccessible ees	Total	NATIONAL (NATIONAL AND	\$124	\$ 157	\$ 157
11 12	14	5510180Total 5510539Total	EconStim SJ CopperInaccessibleTees EconStim EB CopperSrv Repl	Total Total		\$ 266 \$ 2,164	\$ 266 \$ 2,252	\$ 266 \$ 2.252
13	14	5510540Total	EconStim SJ CopperSrv Repl	Total		\$ 3	\$ 3	5 3
14	14	5500108Total	PipelineReplacement	Total		\$ 16	\$ 27	\$ 483
15	14	5500725	Pipeline Replacement-EastBay	30616134	OC1GBERKELEYGPRP-PH1:ASHBYUPRATE	-\$2	\$166	\$1,703
16	14	5500725	Pipeline Replacement-EastBay	30810294	BERKELE'GPRP-PHASE2: PRINCE/TELEG	\$1,133	\$2,16	i francosco con contrata de conservir en estado f
17	14	5500725	Pipeline Replacement-EastBay	30814275	OC1R2LGPWINDSORALAMEDAGPRP	\$926	\$ 959	å)
18 19	9 14 8 14	5500725 5500725 Total	PipelineReplacement-EastBay PipelineReplacement-EastBay	OTHER Total	\$1.00×1=1.00×1.00×1.00×1.00×1.00×1.00×1.0	\$7 \$2,063	\$3 \$3,289	\$1,374 \$6,233
20	14	5500726	Pipeline Replacement-Fresno	30750011	OC2WESTFRESN@PRP2010	\$2,003	\$ 3,209	Generalisas — — carros rancas
21	14	5500726	Pipeline Replacement-Fresno	30807391	HUNTINGTON 5TH2011GPRPFRESNO	\$334	\$1,305	Section
22	14	5500726	Pipeline Replacement-Fresno	30807430	HUNTINGTOM 8THGPRP2011FRESNO	\$1,16	\$1,435	\$1,435
23	14	5500726	Pipeline Replacement-Fresno	30808712	HUNTINGTON TULARE2011GPRPFRESNO	\$1,086		Service of the second second
24	14	5500726	Pipeline Replacement-Fresno	OTHER		-\$9	-\$8	(уливический поветокий динивический)
25 26	14	5500726 Total 5500910	PipelineReplacement-Fresno	Total 30737244	OC4GPRPSANTAMARGARITASANRAFAEL	\$ 2,572	\$ 4,011 \$34	\$ comment of the second
27	14	5500910	Pipeline Replacement-North Bay Pipeline Replacement-North Bay	30835386	R4GPRPRICELN&EASTWARDLARKSPUR	-\$3 \$6	production and the second	Gentles accommentation are reconstituted
28	14	5500910	Pipeline Replacement-North Bay	30835391	R7GPRPRUTHERFOR@VE.SANANSELMO	\$6		\$10000
29	14	5500910	Pipeline Replacement-North Bay	30835514	GPRPMIRABEL&RAINBOWMILLVALLEY	\$8	\$ 16	oji o prototika katika attika kon kon kon kon katika prototik (
30	14	5500910	Pipeline Replacement-North Bay	30835701	OC4GPRPGROVEHILLAVE,SANANSELMO	\$613	\$625	\$ 625
31	14	5500910	Pipeline Replacement-North Bay	30843241	GPRPKINGAVE,NAPA	\$377	\$ 382	dje na ravena na ramen o no na revenu ed
32	14	5500910	Pipeline Replacement-North Bay	OTHER		\$5	\$3	\$1000000000000000000000000000000000000
33 34	14	5500910Total 5500912	PipelineReplacement-NorthBay PipelineReplacement-SO	Total 30737291	OC4GPRPISTREE*PETALUMA	\$ 1,002 \$0	\$ 1,085 \$85	decrease connection and
35	14	5500912	Pipeline Replacement-SO	30826696	OC4GDGPRPWESTANDVARIOUS,PETALUMA	\$394	SECURE CONTRACTOR OF CONTRACTO	ผู้สายสาขายสาขายสาขายสาขายสาขายสาขายสาขายค่า
36	14	5500912	Pipeline Replacement-SO	30835636	OC4GDGPRPFIRSTSTWESTSONOMA	\$14		GRANTSKINNSKE CONORMANIK
37	14	5500912	Pipeline Replacement-SO	OTHER		\$2	\$ 10	\$ 14
38	14	5500912Total	PipelineReplacement-SO	Total		\$ 410	\$886	\$1,878
38	14	5500914	Pipeline Replacement-North Valley	30795703	OC4REDBLUFFGPRPCEDAR&JACKSON	\$564	\$ 566	
40	14 14	5500914 5500914Total	Pipeline Replacement-North Valley Pipeline Replacement - North Valley	OTHER Total		\$67 \$631	\$67 \$632	\$184 \$750
42	14	550091410181	Pipeline Replacement-Peninsula	30736194	OC1GPRPREDWOODCITY	-\$35	\$160	y-anananan
43	14	5500917	Pipeline Replacement-Peninsula	30796765	OC1HOOVERSPRP(2011CRITICALPROJECT)	\$575	\$692	garacan managaran
44	14	5500917	Pipeline Replacement-Peninsula	30812536	OC1REDWOODDITYGPRP2 (2011CRITICAL	\$1,233	\$1,246	\$1,246
45	14	5500917	Pipeline Replacement-Peninsula	OTHER		\$20	general and a series of the se	of market and a second contract of
46	14	5500917Total	PipelineReplacement-Peninsula	Total		\$1,793	\$ 2,134	d-common and
47 48	14	5500919 5500919	Pipeline Replacement-Sacramento Pipeline Replacement-Sacramento	30616128 30616130	OC4GPRPDOBBINS@KENDALVACAVILLE OC4GPPRPELIZABETH@MASON,VACAVILLE	-\$3 \$0	9000000	\$
49	14	5500919	Pipeline Replacement-Sacramento	30805685	GPRP-32NDST.@12THT014THAVE,	\$252	\$ 262	general and the second
50	14	5500919	Pipeline Replacement-Sacramento	30806906	GPRP-19TH& FRANKLINBLVD,SAC	\$455	\$463	Enne no en
51	14	5500919	Pipeline Replacement-Sacramento	30827449	R4EGPRPOLIVBITWNHICKORY&LST,DAV	\$ 10	\$14	\$14
52	14	5500919Total	PipelineReplacement-Sacramento	Total	TO (PROME TO BE TO A STOCK A THAT OF A STOCK AND A STOCK AND A SHADA FOOD STOCK AND STOCK AND STOCK AND STOCK AND A STOCK AND STOCK AND A	\$714	\$827	\$ 1,947
53	14	5500923	Pipeline Replacement-San Jose	30524499	GPCITYOFSCPHASE3GPRP-THEALAMED	\$8		
54 55	14	5500923 5500923	Pipeline Replacement-San Jose Pipeline Replacement-San Jose	30680560 30746089	GS12TH&S13THST,SANJOSEGPRP PH1BERRYESSÆDSANJOSEGPRP2010	\$5 \$29		
56	14	5500923	Pipeline Replacement-San Jose	30753678	OC2GPARKAVENUEGPRPSANJOSE	\$ 28		
57	14	5500923	Pipeline Replacement-San Jose	30801105	OC2GHAROLDAVEGPRP,SJ	\$360	Z28868	drawn
58	14	5500923	Pipeline Replacement-San Jose	OTHER		\$ 108	\$ 118	\$ 228
59	14	5500923Total	PipelineReplacement-SanJose	Total		\$ 536	\$ 1,754	
60	14	5500926	Pipeline Replacement-Stockton	30668852	GPRP:LOCUST&WASHINGTONODIPHAS	\$21		Y
61 62	14	5500926 5500926 Total	Pipeline Replacement-Stockton Pipeline Replacement-Stockton	OTHER Total	100 H/y 1111 100-57 H H H 1111 1111 1074 M 100 M	\$0 \$ 21	\$0 \$980	\$208 \$1,686
63	14	5500928	Pipeline Replacement-Yosemite	30741372	OC2GPRPTHIRDSTREE DAKDALEPHASE2	\$50	g	
64	14	5500928	Pipeline Replacement-Yosemite	30792458	OC2GPWESTMODEST@PRP-PHASE1	\$585	5	7
65	14	5500928 Total	Pipeline Replacement-Yosemite	Total		\$ 586	\$ 637	\$ 1,636
66	14	5505699	Pipeline Replacement - Kern	30793853	OC2REPL.MAINHEIGHT&BERKELE'ST.BAK.	\$0		
67	14	5505699 Total	PipelineReplacement- Kern	Total		\$0	\$0000000000000000000000000000000000000	decrease and a second
68 69	14	5505701 5505701Total	PipelineReplacement-Sierra PipelineReplacement-Sierra	30804511 Total	REPILP GPRP14TH& H. MARYSVILLE	\$403 \$403	\$853 \$853	\$856 \$856
70	14	5506443	PipelineReplacement- Sterra Pipeline Replacement-San Francisco	30649246	OC1GPRPBALBOATERRACESANFRANCISCO	\$ 403		
71	14	5506443	Pipeline Replacement-San Francisco	30674899	OC1GGPRPSAINTFRANCIS4, SF	\$20		2
72	14	5506443	Pipeline Replacement-San Francisco	30674922	OC1GGPRPGEARY4SANFRANCISCO	-\$1		3
73	14	5506443	Pipeline Replacement-San Francisco	30753677	OC1GGPRPBAYVIEW2SANFRANCISCO	\$0		

Line No.	MWC	Project No	Project No Description	Order	Order Description	Actuals 7/1 - 12/31	2011Total	Order Cost Since Inception
74	14	5506443	Pipeline Replacement-San Francisco	30754768	OC1GGPRPSTAPLESSANFRANCISCO	\$0	\$239	\$1,439
75	14	5506443	Pipeline Replacement-San Francisco	30754774	OC1GGPRPHOLLYPARK1SF	\$0	\$334	\$3,242
76	14	5506443	Pipeline Replacement-San Francisco	30804481	OC1GPRP25THSTSPOTMAIN,SANFRANCISCO	\$2	\$410	\$411
77	14	5506443	Pipeline Replacement-San Francisco	30806806	OC1M027972GPRPOUTERMISSION2	\$ 516	\$2,188	\$2,468
78	14	5506443	Pipeline Replacement-San Francisco	30806814	OC1GGPRPOXFORDSF	\$504	\$3,555	\$3,753
79	14	5506443	Pipeline Replacement-San Francisco	30806816	OC1R4EGGPRPSANBRUNO.SF	\$19	GATERONIA DE PARTICIPACIONES DE LO	10.000
80	14	5506443	Pipeline Replacement-San Francisco	30806817	OC1GPRPMISSIONDISTRICT3, SAN FRANCISCO	\$72	(mouseocommoscomoscomos	\$2,997
81	14	5506443	Pipeline Replacement-San Francisco	30807801	OC1GGPRPSUNSET2, SF	\$215	disconnection of the state of t	******************
82	14	5506443	Pipeline Replacement-San Francisco	30807861	OC1GPRPCAPITOL3, SANFRANCISCO	\$353	ĝekosomikos il ikanteksonos	\$3,910
83	§ 14	5506443	Pipeline Replacement-San Francisco	30807977	OC1GGPRPOCEANVIEWSAN FRANCISCO	\$664	<u>фрамотивантельностионально</u>	\$2,690
84	14	5506443	Pipeline Replacement-San Francisco	30808096	OC1GGPRPSUNSET3, SF	\$1,014	SEASONE EXPLORATION OF THE PROPERTY OF THE PRO	\$3,593
85	14	5506443	Pipeline Replacement-San Francisco	30808140	OC1GGPRPPERSIA,SANFRANCISCO	\$2,481	decement extension of	\$3,704
86	14	5506443	Pipeline Replacement-San Francisco	30808157	OC1GGPRPSOUTHVALENCIAS, SAN FRANCISCO	-\$28	(commence and constrained and	CONTRACTOR AND ADDRESS OF THE PARTY OF
87	14	5506443	Pipetine Replacement-San Francisco	30808260	OC1GGPRPBAYVIEV&, SANFRANCISCO	\$116	\$1000000000000000000000000000000000000	\$2,377
88	14	5506443	Pipeline Replacement-San Francisco	30808261	OC15R4EGGPRP18THST,SANFRANCISCO	\$2,265	\$100 00 HER BUSSESSESSESSESSESSESSESSESSESSESSESSESSE	\$3,665
89	14	5506443	Pipeline Replacement-San Francisco	30808590	OC1GPRPMISSIONDISTRICT4, SANFRAN	\$2,252	(ACTIONAL AND AGAINSTONAL	\$3,501
90	14	5506443	Pipetine Replacement-San Francisco	30815779	OC1GGPRPHOLLYPARKI(100APPLETONAVE	\$0	PROPERTY AND ADDRESS AND ADDRE	\$489
91	14	5506443	Pipeline Replacement-San Francisco	30820278	OC1GGPRPBALBOAPARK4,SF	\$3,201	\$66,000,000,000,000,000,000,000,000	\$3,709
92	14	5506443 5506443	Pipeline Replacement-San Francisco	30820364	R4GGPRPATHENS,SF OC1GGPRPOLMSTEADSF	\$22	0.055.65.00.00.00.00.00.00.00.00.00	\$43
93	14 ************************************	CONTRACTOR OF THE PROPERTY OF	Pipeline Replacement-San Francisco	30821199	(*************************************	\$1,414	(nevenuennementstransparen	ALTEROCOPHONE AND
94	14	5506443 5506443	Pipeline Replacement-San Francisco Pipeline Replacement-San Francisco	30821410 30821601	OC1GGPRPJOOSTSF OC1R1EGGPRPBERNALHEIGHTSSF	\$1,748 \$1,160	\$pressessessessessavattikeszeses	\$200520265000055000000000000000000000000
95	14	ACRES - PRINCIPLE AND RECOGNIC	350 11 (400 PAN 170 PAN 170 PAN 180 PA		OC IR TEGGERPBERNAL TEGGET SSF	ganteno	documenta esta esta esta esta esta esta esta es	ORGANIZATION PROPERTY MODE
98	Secremonian and	5506443 5506443	Pipetine Replacement-San Francisco	30822326	OC1MGPRPCRESCENB, SANFRANCISCO	\$1,397	CARL THE SALE OF THE SECOND PARTY.	MODIFICATION AND STREET, STREE
greennemmenten	14	5506443	Pipeline Replacement-San Francisco	30823194	\$240000500000000000000000000000000000000	\$1,442	permental and permetal and p	yantinessannennennenstansumi
98 99	14 14	***************************************	Pipeline Replacement-San Francisco	30829620	OC1M GPRP- CONGOI- SF	\$1,495	(energia en la companya de la compa	PRODUCTIONS OF THE SECOND
100	14	5506443 5506443	Pipeline Replacement-San Francisco Pipeline Replacement-San Francisco	30829626 30829811	OC1EGGPRPOCEANANDPLYMOUTHSF GPRPOUTERMISSION3	\$2 \$383	gravativam-evava-emmeravavosovus;	\$ 501 \$ 391
101	14 14	5506443	Pipeline Replacement-San Francisco	30829813	GGPRPMONTERE'S, SAN FRANCISCO	\$1,084	E-managa-managasasson magamatol	PERSONAL PROPERTY AND PROPERTY
102	14	5506443	Pipeline Replacement-San Francisco	OTHER	GGFRINON IERE B, GANFRANCISCO	\$1,064	ijaan paratakse potat saktaat kan ka	\$25050000000000000000000000000000000000
103	14	5506443 Total	Pipeline Reptacement-San Francisco	Total		\$ 24,052	\$ 54,636	\$ 124,649
104	14	5507199Total	E8 Copper Service Replacement	Total		\$ 2	-\$ 4	\$ 25,668
105	14	5507399 Total	PN Copper Service Replacement	Total		\$ 1,291	\$ 1,818	\$ 5,020
106	14	5507599 Total	DA Copper Service Replacement	Total	**************************************	\$ 12	\$ 12	\$ 12
107	14	5507600 Total	SJ A67 Services Replacement	Total	\$	\$ 15	\$ 10	\$ 15
108	14	5507601	MIA67 Services Replacement	30632630	*CANC*24546MARIEDR,HAYWARDRPL*CANC	\$0	9-1	
109	14	5507601Total	MI A67 Services Replacement	Total	The state of the s	\$ 0	-\$ 2	\$ 0
110	14	5507659 Total	DI A67 Services Replacement	Total	(xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx	\$ 172	\$ 268	\$3,527
111	14	5507660 Total	CC A67 Services Replacement	Total	\$1500 BY \$1000 BY \$10	\$ 0	\$ 1	\$ 15
112	14	5507661 Total	FR A67 Services Replacement	Total	p-4-(00005700000000000000000000000000000000	\$ 14	\$ 42	\$ 80
113	фонттоности 14	5507664 Total	YOA67 Services Replacement	Total	North Light	\$ 0	\$ 1	\$ 6
114	14	5507668 Total	NB A67 Services Replacement	Total	**************************************	\$ 58	\$ 109	\$ 161
115	14	5507669 Total	A67 Services Replacement - SO	Total	\$MMXM	\$ 62	\$ 117	\$ 243
116	14	5507781Total	SF A67 Services Replacement	Total	\$11.00 × 10.00	\$ 10	\$ 8	\$ 10
117	14	5508319 Total	EB A67 Services Replacement	Total	70-0-0	\$ 116	\$ 254	\$ 399
118	14	5508320 Total	PN A67 Services Replacement	Total	\$10000 - 0000 - 0000 - 0000 - 0000 - 0000 - 0000 - 0000 - 00000 - 0000 - 0000 - 0000 - 0000 - 0000 - 0000 - 0000 - 0000 - 00000 - 0000	\$ 30	\$ 108	\$ 154
119	14	5508321 Total	DA A67 Services Replacement	Total	70-X-2-X-2-X-2-X-2-X-2-X-2-X-2-X-2-X-2-X-	\$ 20	\$ 131	\$ 131
120	14	5508322 Total	CC Copper Services Replacement	Total	WY > N 1 N 1 1 1 1 1 1 1	\$ 0	\$ 1	\$ 6,183
121	14	5508323 Total	SJ CopperService Replacement	Total		\$ 0	\$ 33	\$ 5,286
122	14	5508324 Total	MI CopperService Replacement	Total		\$ 1	\$ 1	\$ 12,604
123	14	5508325 Total	SF CopperService Replacement	Total		-\$ 482	\$ 126	\$ 20,522
124	14	5508326 Total	YOCopperService Replacement	Total		-\$ 4	\$ 31	\$ 4,610
125	14	5508366 Total	NB CopperService Replacement	Total		\$ 6,136	\$ 13,571	\$ 28,984
126	14	5508369 Total	SA A67 Services Replacement	Total		\$ 218	\$ 339	\$ 375
127	14	5508371Total	FR CopperService Replacement	Total		\$ 60	\$ 2,651	\$ 5,466
128	14	5508372 Total	DI CopperService Replacement	Total	MONTH OF THE RESERVE TO A DESCRIPTION OF THE RESERVE THE TABLE THE TOTAL THE	\$ 11,695	\$ 24,004	\$ 24,096
129	14	5509083 Total	HB - A67 Services Replacement	Total		\$ 11		\$ 11
130	14	5509247 Total	Est - Int Est/DesignDist- SCVMWC14	Total		-\$ 3,764	-\$ 3,315	-\$ 6,073
131	14	5509273 Total	Mapping-Other Mapping-SCV MWC 14	Total	000T2wtT3x56000TTTh47x603x300000030000x+ext97xT103561x7ex0072ex07xex07xex4	-\$ 306	-\$ 204	-\$ 234
132	14	5510785	Plastic Main Replacement - DA	30877576	R2 NORTHPOINTALDYL-AREPLPHASE1	\$633	(processor and processor)	\$633
133	14	5510785	Plastic MainReplacement-DA	30877577	R*NORTHPOINTALDYL-AREPLPHASE2	\$32	\$1000.00 = 1000.00 = 1000.00 0.00 0.00	24000 HERE BERNEY TO SERVICE STATE OF THE PERSON SERVICE STATE OF THE PERSON SERVICE STATE OF THE PERSON SERVICE SERVI
134	14	5510785	Plastic Main Replacement-DA	OTHER		\$0	årameraramennernern	ALC HEADERS AND CONTROL OF THE
135	14	5510785Total	Plastic Main Replacement-DA	Total	***************************************	\$ 666	\$ 666	\$ 666
136	14	5510790 Total	Plastic Main Replacement-YO	Total		\$ 0	\$ 0	\$ 0
137	14	5510792 Total	Plastic Main Replacement-SA	Total	DAS IN CIVA PARA A PARA PARA PARA PARA PARA PARA	\$ 3	\$ 3	\$ 3
138	14 htmanonom	5510794	Plastic Main Replacement - NB	30871984	P1VINEYARD/LYMBLEHOMEPK.,STHELENA	\$17	Statement and the statement of the state	(contraction of the contraction
139	14	5510794 Total	Plastic Main Replacement- NB	Total	S = = = = + X5 / M / M / S + X / M / M / S + X / M / M / M / M / M / M / M / M / M /	\$ 17	\$ 17	\$ 17
140 141	14 14	5510859 Total	SCV MWC14 planning	Total		\$ 926	\$ 25	-\$ 1,917
PH1 1	descriptions	5734818Total	SCV - MWC14 planning MWC27 TOTAL	Total Total	MWC 27 TOTAL	\$ 0 \$ 9	\$ 0 \$ 9	\$ 0
142	27							

Line No.	MWC	Project No	Project No Description	Order	Order Description	Actuals 7/1 - 12/31	2911 Total	Order Cost Since Inception
144	27	5501118 Total	Meter Protect Capital-Central Coast	Total		\$ 1	\$ 1	\$ 1
145	27	5510800 Total	Meter Protection Capital - DI	Total		\$ 9	\$ 9	5 9
146	2J		MWC2J TOTAL	Total	MWC2JTOTAL	\$ 434	\$ 500	
147	ر2	5742638 Total	ECONSTIM-PRESIDIOLNGINJECTNPROJ, SF	Total		\$ 0	\$ 37	\$ 45
148	2,J	5742639 Total	ECONSTIM-SBI Gas Distribution Restorat	Total		\$ 434	\$ 463	\$ 938
149	2K	A	MWC2KTOTAL	Total	MWC 2K TOTAL	\$ 18,881	\$ 19,631	
150	2K	5510222	EconStim HPRConvert Main-CC	30848926	HPR PROJECT ARCHERROAD, SALINAS	\$301	\$301	\$301
151	2K	5510222	EconStim HPRConvert Main-CC	30852116	+HPRPROJECT-SAN JUAN ROAD, AROMAS	\$746	\$747	\$747
152	2K	5510222	EconStim HPRConvert Main-CC	OTHER		\$ 112	\$ 122	\$ 122
153	2K	5510222 Total	EconStim HPR Convert Main-CC	Total		\$ 1,159	\$ 1,170	\$ 1,170
154	2K	5510223Total	EconStim HPR Convert Main-DA	Total	(annual (annua	\$ 0	\$ 0	\$ 0
155	2K	5510224 Total	EconStim HPR Convert Main-DI	Total	***************************************	\$ 0	\$ 0	\$ 0
156	2K	5510226 Total	EconStim HPR Convert Main-FR	Total		\$ 92	\$ 92	\$ 92
157	2K	5510227 Total	Econ Stim HPR Convert Main-HB	Total		\$ 4	\$ 4	\$ 4
158	2K	5510228 Total	EconStim HPR Convert Main-KE	Total		\$ 0	\$ 0	\$ 0
159	2K	5510230 Total	EconStim HPR Convert Main-NB	Total		\$11	\$ 13	\$ 13
160	2K	5510231	EconStim HPRConvert Main-NV	30845563	HWY99& ARCHERAV REPL 6 HPR W/2"PL	\$248	CONTRACTOR OF THE PARTY OF THE	\$ 252
161	2K	(arranicariamente escarricariamente en la filia	EconStim HPRConvert Main-NV	30847079	R6HPR-AC110006" PL MAIN, HEGAN, CHICO	\$627	\$20000 BERGOSSEWONNERS	\$627
STATE OF STREET	Symmatica and a service of	5510231	NAMES ATTROMOS AND AND ADDRESS	CONTRACTOR CONTRACTOR AND A STATE OF THE STA	ROBERT-ACTIONUS PLIRAIN, REGAIX, CRICO	NAME OF TAXABLE PARTY O	Commission and a service succession and	Šavas maskas aukaninas suoveš
162	2K	5510231	EconStim HPRConvert Main-NV	OTHER	***************************************	\$834	SÍOSEE AND	formomentarions/statement
163	2K	5510231Total	EconStim HPR Convert Main-NV	Total		\$ 1,708	\$ 1,714	\$ 1,714
164	2K passarananan	5510232 Total	EconStim HPR Convert Main-PN	Total		\$ 174	\$ 270	\$ 270
165	2K	5510233 Total	EconStim HPR Convert Main-SA	Total		\$ 1	\$ 3	\$ 3
166	2K 2000000000000	5510235Total	EconStim HPR Convert Main-SJ	Total		\$ 27	\$ 177	\$ 281
167	2K	5510238	EconStim HPRConvert Main-ST	30840277	CONVERTIAHANT RDDFMTODISTRIBUTION	\$2,643		\$2,655
168	2K	5510238	EconStim HPRConvert Main-ST	30843654	+DEVRIESS/Ö KINGDON+	\$261	Ģetternium doeweizerini	Bennennemerausnierussel
169	2K	5510238	EconStim HPRConvert Main-ST	30847039	ORCHARDE/O DUSTINLODI	\$492	THAT THE RESIDENCE	SALES OF SAL
170	2K	5510238	EconStim HPRConvert Main-ST	30847284	+GRANTLINEW/OBANTA+	\$277	\$277	\$277
171	2K	5510238	Econ Stim HPR Convert Main-ST	30847285	+GRANTLINEE/OMAC ARTHUR+	\$990	\$990	\$990
172	2K	5510238	EconStim HPRConvert Main-ST	30850389	+AVED & TWORIVERS+	\$447	\$447	\$447
173	2K	5510238	EconStim HPRConvert Main-ST	30850390	ETURNER&RAY	\$371	\$371	\$371
174	2K	5510238	Econ Stim HPRConvert Main-ST	30850391	+TURNER& DEVRIES+	\$457	\$457	\$457
175	2K	5510238	EconStim HPRConvert Main-ST	OTHER		\$1,525	\$1,532	\$1,532
176	2K	5510238 Total	EconStim HPR Convert Main-ST	Total		\$ 7,463	\$ 7,482	\$ 7,482
177	2K	5510259	Econ Stim HPRConvert Main-YO	30844564	OC2GPHPR SNEDIGARRD, RIVERBANK	\$455	\$458	\$458
178	2K	5510259	EconStim HPRConvert Main-YO	30851916	GPINSTMN PAULINEAVENUEMODESTO	\$479	\$479	\$479
179	2K	5510259	EconStim HPRConvert Main-YO	30851959	GPDOWNRATEMNHALLRD, ESCALON31HPR	\$456	\$456	\$ 456
180	2K	5510259	EconStim HPRConvert Main-YO	30852023	GPINSTMN SANTAFECENTRALAVRVB21	\$523	\$523	\$523
181	2K	5510259	EconStim HPRConvert Main-YO	30852089	GPINSTMN EASTWHITMORE/UGHSON	\$978	\$978	\$978
182	2K	5510259	EconStim HPRConvert Main-YO	OTHER		\$429	£0000000-00	\$468
183	2K	5510259 Total	EconStim HPR Convert Wain-YO	Total		\$ 3,320	\$3,324	\$ 3,361
184	2K	5510260 Total	EconStim HPR Convert Distr Reg-CC	Total		\$ 1	\$ 3	\$ 3
185	2K	5510261Total	Econ Stim HPR Convert Distr Reg-DA	Total		\$ 19	\$ 19	\$ 19
186	2K	5510264 Total	EconStim HPR Convert Distr Reg-FR	Total		\$ 0	\$ 0	\$ 0
187	2K	5510269 Total	EconStim HPR Convert Distr Reg-NV	Total		\$ 307	\$ 307	\$ 307
188	2K	5510270	EconStim HPRConvert Distr Reg-PN	30676310	OC1TOWERROADHPRTODRS	\$21	Anares and a series of	greene restaurant en et en moral en moral
189	2K	5510270	EconStim HPRConvert Distr Reg-PN	30676390	OC1SHOREWAYDRBELMONT	\$354		gristation coloris philippi de de de de la
COLUMN 25 (C. 177 T. 17)	SHORTH MARKSTON	guarriou a successiva e e e a cromo cacella a la		OTHER	OC SHOREWA DABELMONT	anjamanan mananan	\$1000 mm 1000	Grandition of the work
190	2K	5510270	EconStim HPRConvert Distr Reg-PN	\$100,000,000,000,000,000,000,000,000,000	20	\$140	\$4TTTPH66TTTPH639240FA6	\$ 168
191 192	2K	5510270 Total	EconStim HPR Convert Distr Reg-PN	Total	***************************************	\$ 516	\$ 614	\$ 1,165
0120000000000000	2K	5510271Total	EconStim HPR Convert Distr Reg-SA	Total	\$1607.000.53;==510:==510:===5210.00=5200.535;\$100.00=6=0.6520:=5700.002=========	-\$ 18	-5.9	\$ 194
193	2K	5510273 Total	EconStim HPR Convert Distr Reg-SJ	Total	47-001-1115-00-00-00-00-00-00-00-00-00-00-00-00-00	\$ 0	\$ 0	\$ 35
194	2K	5510275 Total	Econ Stim HPR Convert Distr Reg-SO	Total		\$ 65	\$ 65	\$ 76
195	2K	5510276 Total	EconStim HPR Convert Distr Reg-ST	Total	***************************************	\$ 0	\$ 0	\$ 0
196	2K	5510277	EconStim HPRConvert Distr Reg-YO	30852028	GPINSTMNGEERRD, TURLOCK25HP	\$1,168	eljangeraan merungan and and and and and and and and and a	Secretary Consequences of the Consequence of the Co
197	2K	5510277	Econ Stim HPR Convert Distr Reg-YO	OTHER		\$6	eperane — — aranaran consensario	from-resumence accessors
198	2K	5510277 Total	EconStim HPR Convert Distr Reg-YO	Total	***************************************	\$ 1,174	dictionary and a second second	
199	2K	5510279Total	EconStim HPR Replacement-CC	Total		\$ 2	\$ 2	\$ 2
200	2K	5510280 Total	EconStim HPR Replacement-DA	Total	**************************************	\$ 14	QUALITY STREET, STREET	\$ 205
201	2K	5510284 Total	EconStim HPR Replacement-HB	Total	ANNO 100 PARAGO ANTA E PERSONAL DE EN ANTA DE LA CONTRACTION DEL CONTRACTION DE LA C	\$ 170	\$ 170	\$ 171
202	2K	5510285Total	EconStim HPR Replacement-KE	Total		\$ 30	\$ 31	\$ 31
203	2K	5510287 Total	EconStim HPR Replacement-NB	Total		\$ 96	\$ 221	\$ 286
204	2K	5510288 Total	EconStim HPR Replacement-NV	Total	######################################	\$ 730	\$ 738	\$ 738
205	2K	5510289 Total	EconStim HPR Replacement-PN	Total		\$ 0	\$ 0	\$ 0
206	2K	5510290 Total	EconStim HPR Replacement-SA	Total		\$ 37	\$ 40	\$ 40
207	2K	5510292	Econ Stim HPR Replacement-SJ	30817657	OC2GABNDN HPRSTN DIANA AVE& LOTUSMH	\$451	\$455	\$455
208	2K	5510292	EconStim HPRReplacement-SJ	30842346	GHPRREPLMNT-DIANAAVEE/0101MH-6°PL	\$ 975	\$979	\$979
209	2K	5510292	EconStim HPRReplacement-SJ	OTHER		\$333	\$340	\$ 340
210	2K	5510292 Total	Econ Stim HPR Replacement-SJ	Total		\$ 1,758	\$ 1,774	\$ 1,774
211	2K	5510293Total	EconStim HPR Replacement-SI	Total		\$ 0	\$ 0	\$ 0
212	2K	5510294 Total	EconStim HPR Replacement - SO	Total		\$ 3	\$ 3	\$ 3
		harmon and a second		KN 100 TO TO TO THE TOTAL TOTAL TO THE TO	&<		de	be

Line No.	MWC	Project No	Project No Description	Order	Order Description	Actuals 7/1 - 12/31	2011 Total	Order Cost Since Inception
214	2K	5510296 Total	EconStim HPR Replacement-YO	Total		\$ 18	\$ 18	\$ 18
215	47		MWC47 TOTAL	Total	MWC 47 TOTAL	\$ 7,568	\$ 12,521	************************
216	47	5500747 Total	Incr. Capacity G-DA	Total		\$ 0	\$ 0	\$ 0
217	47	5500748	Incr. Capacity G-DI	30789549	OC1BYRONMAIN EXTENSION BIXLERROBYR	\$ 68	\$822	\$833
218	47	5500748	Incr. Capacity G-DI	30820811	OC1MAINREINFORG STONEVLLYRD.,ALAM	\$323	\$785	\$785
219	47	5500748	Incr. Capacity G-DI	OTHER		\$ 175	\$ 185	\$ 475
220	47	5500748 Total	Incr. Capacity G-DI	Total		\$ 566	\$ 1,792	\$2,093
221	47	5500749 Total	Incr. Capacity G-EB	Total		\$ 0	\$ 0	\$ 0
222	47	5500750	Incr. Capacity G-FR	30757861	R2 INST 17000FTOF8" PL MAIN FRESNO	-\$7	\$78	\$1,857
223	47	5500750	Incr. Capacity G-FR	30784111	OC2CAPACITYINCREASEHARLANRNCHCLOVIS	\$0	Output to the second second	\$ 571
224 ***********************************	47 47	5500750 Total 5500752	Incr. Capacity G-FR	Total	OC1DUBLINBLVDDUBLININSTALL4100FTO	-\$ 7	\$ 102 \$141	\$ 2,428 \$1,186
226	47	5500752	Incr. Capacity G-MI Incr. Capacity G-MI	30747707 30810379	OCISTONERIDGERPLEASANTON	\$0 \$237	\$ 14 I	\$242
227	47	5500752	Incr. Capacity G-MI	30810379	4,200FT6" PL MAININST. VALLEYAV. PL	\$79	Azerzana managarian kal	\$81
228	47	5500752	Incr. Capacity G-MI	OTHER	7,200170712170717110777772222777772	\$8	largumas-muna-aza-a-mara-ad	becomes a successive and a successive of the suc
229	47	5500752 Total	Incr. Capacity G-MI	Total	***************************************	\$ 324	\$ 550	\$1,752
230	47	5500753	Incr. Capacity G-NB	30477107	INST900'8"STL,INDUSTRIALWY,BENICIA+	\$ 15	Announcementonistications	Barranananan
231	47	5500753	Incr. Capacity G-NB	OTHER		\$0	CONTRACTOR STATES	
232	47	5500753 Total	Incr. Capacity G-NB	Total		\$ 15	\$ 12	\$ 990
233	47	5500754 Total	47B - Cons/AcqNew Fac-G-Mains - SO	Total		\$ 0	\$ 179	\$ 976
234	47	5500755	Incr. Capacity G-NV	30742428	OC4INST1700FT6-IN PL, BRUCERD, CHICO	\$2	E-recommendation of the second	\$572
235	47	5500755	Incr. Capacity G-NV	30795318	REDBLUFFLP CAPACITY	\$724	\$727	\$727
236	47	5500755	Incr. Capacity G-NV	30848181	OC4GPREPL2300'MN,1500KIRK, GRIDLE	\$353	\$353	\$353
237	47	5500755	Incr. Capacity G-NV	OTHER	***************************************	\$5		\$1,058
238	47	5500755 Total	Incr. Capacity G-NV	Total		\$1,084	\$ 1,474	\$ 2,711
239	47	5500756	Incr. Capacity G-PN	30783043	OC1CORDILLERASREDWOODCITY	\$0	\$397	\$458
240	47	5500756	Incr. Capacity G-PN	30784477	CSM CAPACITY-INSTALL850' OF6" PL	\$361	\$373	\$379
241	47	5500756	Incr. Capacity G-PN	30865606	E3RDAVE6" MAININSTALL	\$453	\$453	\$453
242	47	5500756	Incr. Capacity G-PN	OTHER		\$1	\$ 39	\$ 475
243 244	47	5500756 Total	Incr. Capacity G-PN	Total		\$ 815	\$ 1,261	\$ 1,765
245	47	5500757 Total 5500759	Incr. Capacity G-SA Incr. Capacity G-SJ	Total 30675123	OC2G1,270-F14 PL:GREATAMERICAPKWY,SC	\$ 14 \$0	\$ 245 \$ 94	\$ 2,068 \$281
245	47	5500759	Incr. Capacity G-SJ	30873123	GINST1400'4" PL, MNTGUEBSSET, SC	\$16	3	\$ 201
247	47	5500759	Incr. Capacity G-SJ	OTHER	GINSTI4004 PL,MNIGUEDSSEI,SC	\$143	\$ 145	\$ 145
248	47	5500759 Total	Incr. Capacity G-SJ	Total	***************************************	\$ 159	\$ 260	\$ 448
249	47	5500760	Incr. Capacity G-SI	30798844	OC4INST.1050'OF6" PL, ELMST, LIVE		\$292	\$300
250	47	5500760	Incr. Capacity G-SI	OTHER		\$0	\$ 52	\$1,198
251	47	5500760 Total	Incr. Capacity G-SI	Total		\$ 1	\$ 344	\$ 1,497
252	47	5500761	Incr. Capacity G-ST	30790929	+MCALLENFROMWILSONTOHOLMAN+	\$791	\$816	\$844
253	47	5500761	Incr. Capacity G-ST	30797736	+LOCUST LEETOSACRAMENTOLODI+	1 \$1	\$332	\$338
254	47	5500761	Incr. Capacity G-ST	OTHER	PO 200 PO 1.5/4 PRO	\$0	\$0	\$0
255	47	5500761 Total	Incr. Capacity G-ST	Total	(0.000-y-2-7-7-0-7-11-0.0000-0-0-6-7-0-0-7-0-0-0-0-0-0-0-0-0-0-0	\$ 792	\$ 1,149	\$ 1,182
256	47	5500762	Incr. Capacity G-YO	30749118	GPCAPACITY:6"HPPARALLELMAIN OAKDALE	\$682	\$704	\$727
257	47	5500762	Incr. Capacity G-YO	30749119	GPCAPACITY:6"HPPARALLELMAINMODESTO	\$0	\$31	\$771
258	47	5500762	Incr. Capacity G-YO	30788198	R2 PARALLEL4" PEMAIN, MARIPOSAWAY	\$1	\$18	\$29
259	47	5500762	Incr. Capacity G-YO	OTHER	yana = 1,000 o	\$ 14	\$16	\$78
260	47	5500762 Total	Incr. Capacity G-YO	Total		\$ 697	\$ 768	\$ 1,605
261	47	5508860	47C-Con/Acq New Fac-G-Cap-RegSta - PN2	30676477	INSTALLDRSJUNIPEROSERRASTANFORD.	\$ 534	\$569	\$662
262	47	5508860	47C - Con/Acq NewFac-G-Cap-RegSta - PN2	30783042	OCIBOWDR&CRESTVIEWDR	\$316	2	\$576
263	47	5508860 Total	47C - Con/Acq New Fac-G-Cap-RegSta - PN2	Total		\$ 850	\$ 1,135	\$ 1,238
264	47	5508861 Total 5508862	47C - Cons/AcqNewFac-G-Cap-RegSta - EB	Total		\$ 0	\$ 1 \$417	\$ 424 \$417
265 266	A		47C - Cons/Acq NewFac-G-Cap-RegSta - DI	30813671 OTHER	REBUILDVICTOR/DRSTATION	\$394	A	hannan ann an
267	47	5508862 5508862 Total	4/C-Cons/AcqNewFac-G-Cap-RegSta-DI 4/C-Cons/AcqNewFac-G-Cap-RegSta-DI	Total		\$ 395	\$2 \$ 419	\$ 441
268	g 41 generation	5508863	4/C-Cons/Acq NewFac-G-Cap-RegSta - M	30786843	OC1RH-06-INSTALLDR:ST.VERMON & 'B' S	2 2 2 2	\$ 4 19	\$1,015
269	best Tyeor	5508863	4/C-Cons/Acq NewFac-G-Cap-RegSta-MI	30787989	OCINSTIDUAL DR. STATIONOSGOODED. FRE	\$2	\$419	3
270	47	5508863	4/C-Cons/Acq NewFac-G-Cap-RegSta-Mi	OTHER		-\$2	-52	
277	h37	5508863 Total	47C - Cons/AcgNewFac-G-Cap-RegSta - MI	Total		-\$1	\$ 559	\$ 1,851
****272***	47	5508871	4/C-Cons/Acq NewFac-G-Cap-RegSta-YO	30840378	RBUILDREGSTNRC-03;CYNRD@SUNSET,LB	\$36		\$38
273	47	5508871	47C- Coris/Acq NewFac-G-Cap-RegSta-YO	OTHER		1	-\$4	\$944
274	47	5508871 Total	47C - Cons/AcqNewFac-G-Cap-RegSta - YO	Total		\$ 36	\$ 3 4	\$ 982
275	47	5508872	47C - Cons/Acq NewFac-G-Cap-RegSta - NV	30835973	INSTALLNEWDISTREGAIRPORT/RANCH	\$371	Bullion and the second	filisi
276	47	5508872 Total	47C - Cons/AcqNewFac-G-Cap-RegSta - NV	Total		\$ 371	\$ 379	\$ 379
277	47	5508873	47C - Cons/Acq New Fac-G-Cap-RegSta - SA	30740781	OC4 VACAVLY& SHELTERCOVE-INSTLR	\$10	\$2057916765767000mmm366887F460	(STERNISH PROGRAMMENT AND
278	47	5508873	47C- Cons/Acq NewFac-G-Cap-RegSta - SA	OTHER		\$0	(00000000000000000000000000000000000000	grantestanies
279	47	5508873 Total	47C - Cons/AcqNew Fac-G-Cap-RegSta - SA	Total		\$ 11	\$4440mmmmmmmma6446m90m	\$ 427
280	47	5508874	47C- Cons/Acq NewFac-G-Cap-RegSta - SI	30810188	OC4REBLDDRMRC-12,1ST&EST, WHEAL	\$590	Section of the sectio	la encernant a maria de la composition della com
281	47	5508874 Total	47C - Cons/AcqNewFac-G-Cap-RegSta - SI	Total	**************************************	\$ 590	\$ 634	\$ 645
282	47	5508875	47C-Cons/Acq NewFac-G-RegSta - SO	30826697	GDREBUILDDR#733, LAWNDALE KENWOODGC	\$ 266	\$282	\$282
283	47	5508875 Total	47C - Cons/AcqNewFac-G-RegSta - SO	Total		\$ 266	\$ 282	\$ 282

Line No.	MWC	Project No	Project No Descríption	Order	Order Description	Actuals 7/1 - 12/31	2011 Total	Order Cost Since Inception
284	47	5508876	47C-Cons/AcqNewFac-G-Cap-RegSta-NB	30797133	OC4GCAP_REGI18REBUILD_YOUNTVILLE	\$ 536	\$559	\$568
285	47	5508876 Total	47C - Cons/AcqNewFac-G-Cap-RegSta - NB	Total	77	\$ 536	\$ 559	\$ 568
286	47	5508878 Total	47D - Con/Acq New Fac-G-Cap-Rep/Reg - PN	Total		\$ 0	\$ 9	\$ 22
287	47	5508881 Total	47D - Con/Acq New Fac-G-Cap-ReplReg- Mi	Total		\$ 1	\$ 1	\$ 1
288	47	5508888 Total	47D - Con/Acq New Fac-G-Cap-RepIReg-ST	Total		\$ 56	\$ 113	\$ 229
289	47	5508891 Total	47E - Con/AcquirNewFacilG-Cap-Betr - SA	Total		\$ 0	\$ 4	\$ 186
290	47	5508896 Total	47E - Con/AcquirNewFacilG-Cap-Betr - PN	Total		\$ 0	\$ 0	\$ 0
291	47	5508916 Total	47F - Cons/AcquireNewFacG-Cap-Oth - DI	Total		\$ 18	\$ 22	\$ 97
292	47	5508917 Total	47F - Cons/AcquireNewFacG-Cap-Oth - MI	Total		\$ 0	\$ 3	\$ 24
293	47	5508926 Total	47F - Cons/AcquireNewFacG-Cap-Oth - NV	Total		\$ 100	\$ 100	\$ 100
294	47	5508928 Total	47F - Cons/AcquireNewFacG-Cap-Oth - SI	Total		\$ 94	\$ 94	\$ 94
295	47	5508972	47B - Cons/AcqNewFac-G-Cap-Mains- HB	30762994	OC4GDCAPACITYCENTRAIAVENCKINLEYVIL	\$0	\$18	\$521
296	47	5508972	47B - Cons/AcqNewFac-G-Cap-Mains- HB	OTHER		\$0	\$15	\$166
297	47	5508972 Total	47B - Cons/AcqNewFac-G-Cap-Mains- HB	Total		\$ 0	\$ 33	\$ 687
298	47	5509250 Total	Est - Int Est/DesignDist- SCVMWC47	Total	***************************************	-\$ 215	-\$ 190	-\$ 348
299	50		MWC50 TOTAL	Total	MWC50 TOTAL	\$ 30,728	\$ 58,543	
300	50	5510176	EconStim ImpRel / DepGRemote CPSA	30841763	INSTALLREMOTEOPYOLO	\$431	\$432	\$432
301	50	5510176	Econ Stim ImpRel / Dep G Remote CP SA	OTHER		\$2	\$2	\$2
302	50	5510176 Total	EconStim Imp Rel / Dep G Remote CP SA	Total		\$ 433	\$ 433	\$ 433
303	50	5510239	EconStim ImprRel/DepG-SA	30822379	GST.BTWN24TH&29THST.REPL1 90	\$901	\$908	\$908
304	50	5510239 Total	EconStim ImprRel/Dep G-SA	Total		\$ 901	\$ 908	\$ 908
305	50	5510240	EconStim Impr Rel/Dep G-YO	30814788	MODESTORELIABILITYPHASE1- MODESTO	\$ 13	200000000000000000000000000000000000000	\$27
306	50	5510240 Total	EconStim Impr Rel/Dep G-YO	Total		\$ 13	\$ 26	\$ 27
307	50	5500640 Total	ImprReI/Dep G-CC	Total	NAMES TO STATE OF THE PROPERTY	\$ 113	\$ 164	\$ 165
308	50	5500641 Total	ImprRel/Dep G-DA	Total		\$ 52	\$ 65	\$ 65
309	50	5500643 Total	ImprRel/Dep G-Di	Total		\$ 38	\$ 86	\$ 185
310	50	5500645	ImprRel/DepG-EB	30806568	OC1GPZINNDR, OAKLANDMAINREPLACEMENT	\$572	\$572	\$572
311	50	5500645	ImprRel/Dep G-EB	OTHER	\$100 CONTROL C	\$ 38	\$68	\$159
312	50	5500645 Total	ImprRel/Dep G-EB	Total		\$ 610	\$ 641	\$ 731
313	50	5500646	ImprRel/DepG-FR	30805155	GP214EOLIVEAVEFRESNO	\$96	\$279	\$440
314	50	5500646	ImprRel/DepG-FR	OTHER	\$	\$107	\$331	\$331
315	50	5500646 Total	imprRel/Dep G-FR	Total		\$ 203	\$ 610	\$ 771
316	50	5500648 Total	ImprRel/Dep G-KE	Total		\$ 21	\$ 108	\$ 118
317	50	5500649	ImprRei/DepG-MI	30873243	RPLC900' 4"STLW/ 6"PL SANTARITARD.	\$372	ČCC0Ccm worknownowiczów w Cocyc	
318	50	5500649	ImprRel/DepG-MI	OTHER		\$45	\$88	\$122
319	50	5500649 Total	ImprReI/Dep G-MI	Total		\$ 417	\$ 460	\$ 494
320	50	5500650	ImprRel/DepG-NB	30679552	OC4GRMSHORTSTVALLEJO	\$189	Ermana and a construction of the construction	\$236
321	50	5500650	ImprRei/DepG-NB	30751625	OC4GPRMREPLHWYCROSSINGMAGAZINEST	\$0		\$626
322	50	5500650	ImprRel/DepG-NB	30761915	PRMREPLCRKCROSSINGLUCASVLYRD	\$34	\$=======pressacrinesorees	\$75
323	50	5500650	ImprRel/DepG-NB	30813051	OC4GPREPLMAINBRIDGEWBRDWLKSAUSALT	\$176		dana and a second
324	50	5500650	ImprRel/Dep G-NB	30813057	OC4 GRMREPLMAIN, ORANGEAVE, NOVATO	\$133	According to the second	\$411
325	50	5500650	ImprRel/DepG-NB	30827211	OC4GPRMBUHMAN&TWINDAKS.NAPA	\$695	CONTRACTOR DE L'ANGUERO	Secretario de la companio del companio del companio de la companio del la companio de la compani
326	50	5500650	Impr Rel/Dep G-NB	30862558	LK 401120147 RMLGOODHILL RD KENTFIELD	\$ 332	\$332	\$ 332
327	50	5500650	ImprRei/DepG-NB	OTHER		\$201	THE PERSON NAMED IN COLUMN 2 I	\$321
328	50	5500650 Total	ImprReI/Dep G-NB	Total		\$ 1,759	\$ 2,828	\$ 3,554
329	50	5500651	ImprRel/DepG-SO	30679554	GRMPACIFICAVE.,SANTAROSA-	\$ 14	ånnsammen manken skalen	\$59
330	50	5500651	ImprRel/DepG-SO	30810993	OC4RPLMAIN-DUTCHLN&BRANDLN,PENNGRO	\$ 136	ÉCRESION PROPERTIES	Accumulation of the second
331	50	5500651	Impr Rel/Dep G-SO	OTHER		\$416	OR BURNING WATER BURNING THE STREET	\$731
332	50	5500651 Total	ImprRel/Dep G - SO	Total	W454426441745770944444456644444466464444446644564444467777004746444644676644676	\$ 566	\$ 647	\$ 945
333	50	5500652	ImprRei/Dep G-NV	30755088	R6LREPLACEMAIN.MT.IDAROAD.OROVILLE	\$ 14	d-sec-e-economic enterior	DOUGLED-MADESTANDED AND ADDRESS OF THE ADDRESS OF T
334	50	5500652	ImprRel/DepG-NV	OTHER		\$154	Arrena	\$370
335	50	5500652 Total	ImprRel/Dep G-NV	Total	**************************************	\$ 168	\$ 380	\$ 394
336	50	5500657	ImprRel/DepG-PN	30760327	OC1REPL70010F2"WITH2"PLESPLPAC	\$0	DOMESTIC STREET, STREE	A SECTION OF THE PROPERTY OF THE PARTY OF TH
337	50	5500657	ImprRel/Dep G-PN	OTHER		\$64	Annual responses a laborate service	Programme and the second second
338	50	5500657 Total	ImprRel/Dep G-PN	Total		\$ 64	\$ 295	\$ 736
339	50	5500658	Impr Ret/Dep G-SA	30846074	GPHAZELAVEBETWGREENBACK FORTUNA	\$216	Anne de la composition della c	\$529
340	50	5500658	Impr Rel/Dep G-SA	OTHER		\$106	CONTRACTOR MANAGEMENT	Consequence of the contract of
341	50	5500658 Total	ImprReI/Dep G-SA	Total	**************************************	\$ 322	\$ 1,108	\$ 1,491
342	50	5500659	ImprRel/Dep G-SF	30759573	OC1GREPLMAINCASITAS&CRESTAVISTA,	\$ 149	(horavenezasson-sectionalessons	\$e
343	50	5500659	ImprRel/Dep G-SF	30761621	OC1GREPL6"STLHPTUNNELAVESF/BRISBANE	\$0	\$1750 NEEDS NEWS NEWS NAMED	(HILLIADOS III III II SERVICIOS SERVICIOS
344	50	5500659	Impr Rel/Dep G-SF	30833648	OC1DOLORE9MFRP,SF	\$1,029		\$-00000000000-1-00000000-000
345	50	5500659	ImprRel/DepG-SF	30857635	GREPLMAIN- SOUTHVALENCIAS, SF	\$85	∮тттьтим толького пратумали н	philophinentitatiowanosises:
346	50	5500659	Impr Rel/Dep G-SF	30864808	GGPRPJOOSTMWC50WORK,SF	\$2,503	CHIZOGORI CONTINUES DO CONTINUE	ANNEAS CONTRACTOR CONTRACTOR
347	50	5500659	Imprike/DepG-SF	30864810	GGPRPSOOS IMWOSUWORKSP GGPRPBERNALHEIGHTSMWC50WORKSF	\$879	ĝestestate = = etra = entre entre en	Quarter-contract = =contract-co
348	50	5500659	ImprRei/DepG-SF	30883821	GRMARKETST(5THTOGRANT)LPTOHP	\$12	Paramona - Region - Portagnosia	Service Constant and Constant of the Constant
349	50	francisco e en compresso de la	ImprRel/DepG-SF	OTHER	GAMAINE TO LOTH LOOKARS JUF TORK	\$ 12	Švenska proposalni pro	Servensementerenance
NAMES OF PERSONS	50	5500659	***************************************	rijos on a social service on construence on a		uljenovenniminimistrativativativati	faceryrescales acceptation	\$ 6,228
350	50	5500659 Total 5500660 Total	ImprReI/Dep G-SF ImprReI/Dep G-SJ	Total Total		\$ 4,670	\$ 5,540 \$ 678	\$ 6,228
	g 00	Januana Latal	AND THE STATE OF T	диминического положения	NET TRANSPORTER NEW BARBOR BEFORE DE L'ANNE DE L'A	\$ 262	<u>Фили</u> стипини политирации по дости	Construction of the Constr
351 352	50	5500661	ImprRel/DepG-SI	30879874	CIRBYWAYEASTOFRIVERSIDEROSEVILLE	\$532	\$532	\$532

(CONTINUED)

Line No.	MWC	Project No	Project No Description	Order	Order Description	Actuals 7/1 - 12/31	2011 Total	Order Cost Since Inception
354	50	5500661Total	ImprRei/Dep G-Si	Total	A-4004_117-0-400000-7-7510-10-02-7-7-7-40-7-4-7-7-10-7-10-7-4-20-7-4-20-7-4-10-7-10-7-10-7-10-7-10-7-10-7-10-7	\$ 793	\$ 941	\$ 1,101
355	50	5500662	ImprReI/Dep G-ST	30755040	GRANTLINE& L-2 +	\$2	(jssammensummannumensensen	(Continues of the continues of the cont
356	50	5500662	ImprRel/Dep G-ST	30756701	9TH&LINCOLN,STOCKTON	\$0	Garrier and the second area in the	PARTICIPATION OF THE PARTICIPA
357	50	5500662	ImprRel/Dep G-ST	30760406	+FRENCHBAR, HWY49TOPERRY, JACKSON+	\$646	Önnen er elli tanısı talan en en e	(antinococcoccini antinococci
358	50	5500662	Impr Rei/Dep G-ST	30790051	OC2HARDINGWY,SANJUANAVETOABBYCT+	\$246	formace recurrence in the second	\$24000000000000000000000000000000000000
359	50 50	5500662	Impr Rel/Dep G-ST	30790056 OTHER	R2EMERSONAVE,TRACYAVE.TOWALLAVE.	\$2 \$285	(features a summary system and a second	(more and a second
360 361	50	5500662 5500662 Total	ImprRei/Dep G-ST ImprRei/Dep G-ST	Total		\$ 1,182	\$ 1.938	\$823 \$3,148
362	50	5500663	Impr Rel/Dep G-YO	30742231	OC2 MERCEOPHASE3 RELIABILITY	\$ 31,182	\$ 281	\$364
363	50	5500663	Impr Rel/Dep G-YO	OTHER		\$ 125	Questa acumenta a se esta esta esta esta esta esta es	(CONTRACTOR OF THE PROPERTY OF
364	50	5500663 Total	ImprReI/Dep G-YO	Total		\$ 157	\$ 444	\$ 645
365	50	5502643 Total	System-wide unscheduledmain replacement	Total		\$ 273	\$ 360	\$ 427
366	50	5506942 Total	Imp Rel / Dep, Gas Services - EB	Total		\$ 834	\$ 1,899	\$3,130
367	50	5506943 Total	Imp Rel / Dep, Gas Services - MI	Total		\$ 364	\$ 796	\$ 1,524
368	50	5506944 Total	ImpRel / Dep, GasSvcs - CC	Total		\$ 145	\$ 331	\$ 410
369	50	5506945 Total	imp Rei / Dep, Gas Svcs - DA	Total	\$	\$ 198	\$ 419	\$ 437
370	50	5506946 Total	imp Rel / Dep. GasSvcs - Di	Total		\$ 301	\$ 722	\$ 1,524
371	50	5506947 Total	ImpRel / Dep. GasSvcs - FR	Total		\$ 66	\$ 289	\$ 349
372	50	5506948 Total	ImpRet / Dep, GasSvcs - KE	Total		\$ 182	\$ 304	\$ 423
373	50	5506949 Total	ImpReI / Dep, GasSvcs - NB	Total		\$ 312	\$ 775	\$ 1,210
374	50	5506950	ImpRel/ Dep, GasSvcs - SO	30823128	GDRELI-MSNARROWSB2 (KASTANIA),PETA*-	\$231	\$238	\$238
375 376	50	5506950	Imp Rel / Dep, GasSvcs - SO	OTHER	=50====505;===40;as26000===================40;a50============40;a50============	\$487	000000000000000000000000000000000000000	Zaaranaanameneenasaanaa
377	50 50	5506950 Total 5506951 Total	ImpRel / Dep. GasSvcs - SO ImpRel / Dep. GasSvcs - NV	Total Total		\$ 718 \$ 180	\$ 1,176 \$ 290	\$ 1,799 \$ 354
378	50	55069571101al	ImpRel / Dep, GasSvcs - PN	Total	**************************************	\$ 419	\$ 878	\$ 1,189
379	50	5506953 Total	Imp Re! / Dep, Gas Svcs - SA	Total		\$716	\$ 1,362	\$1,536
380	50	5506954 Total	ImpRel / Dep. GasSvcs - SF	Total	***************************************	\$ 219	\$ 668	\$ 790
381	50	5506955 Total	ImpRel / Dep, GasSvcs - SI	Total	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	\$ 163	\$ 511	\$ 632
382	50	5506956 Total	Imp Rei / Dep, GasSvcs - SJ	Total	DV 10 - 10 - 10 - 10 - 10 - 10 - 10 - 10	\$ 684	\$ 1,424	\$ 1,677
383	50	5506957 Total	Imp Rel / Dep, Gas Svcs - ST	Total		\$ 130	\$ 337	\$ 800
384	50	5506958 Total	ImpRel / Dep. GasSvcs - YO	Total	**************************************	\$ 149	\$ 293	\$ 436
385	50	5506959 Total	ImprRelb/Sys Depnd-G-CP Sys - CC	Total	ANGER 40000 ANGER 5000	\$ 14	\$ 74	\$ 128
386	50	5506960 Total	ImprRelb/Sys Depnd-G-CP Sys - DA	Total	\$20050000000000000000000000000000000000	\$ 4	\$ 42	\$ 42
387	50	5506961Total	ImprRelb/Sys Depnd-G-CP Sys - DI	Total		\$ 47	\$ 135	\$ 172
388	50	5506962 Total	imprRelb/Sys Depnd-G-CP Sys - EB	Total		\$ 108	\$ 200	\$ 273
389	50	5506963	ImprReib/Sys Depnd-G-CPSys - FR	30766290	OC22010INSTANODES(15)FRESNODIVISN	\$0	-	\$434
390 391	50 50	5506963 5506963	Impr Reib/Sys Depnd-G-CPSys - FR Impr Reib/Sys Depnd-G-CPSys - FR	30784977 OTHER	R2REPLC6(16)CATPROTECTANODESFRESNO	\$29	\$25550000 TTTTTTTSXXXXXXXX	\$30 \$15
392	50	5506963 Total	Impr Reib/Sys Depnd-G-CP Sys - FR	Total	######################################	\$1 \$30	\$ 408	\$ 480
393	50	5506964	Impr Reib/Sys Depnd-G-CPSys - KE	30809059	OC2INSTALL(10) DEEPWELLSKERN-VARSLOC	\$211	\$219	SHORESTANDED
394	50	5506964	Impr Reib/Sys Depnd-G-CPSys - KE	OTHER	WARREST OF THE PROPERTY OF THE	\$4	A.C	grant a como contrato con a contrato que
395	50	5506964 Total	ImprRelb/Sys Depnd-G-CP Sys - KE	Total		\$ 214	\$ 231	\$ 497
396	50	5506965	ImprRelb/SysDepnd-G-CPSys-MI	30777185	OC1REPLACETWOSHALLOWBEDANODESFREM	\$2	\$2	gernaniwa mmanazazazani we
397	50	5506965 Total	ImprRelb/Sys Depnd-G-CP Sys - MI	Total	W. W. D. C. C. W.	\$.2	\$.2	\$ 16
398	50	5506966 Total	imprRelb/Sys Depnd-G-CP Sys - NB	Total	//////////////////////////////////////	\$ 49	\$ 112	\$ 180
399	50	5506967 Total	ImprRelb/Sys Depnd-G-CP Sys - SO	Total		\$ 91	\$ 225	\$ 274
400	50	5506968 Total	ImprRelb/Sys Depnd-G-CP Sys - NV	Total	MANAGAMITTI WATI MARAMITAN WATI AWAT TAN WATI TAN TAN TAN WATI TAN	\$ 24	\$ 109	\$ 109
401 402	50 50	5506969 Total	ImprRetb/Sys Depnd-G-CP Sys - PN	Total		\$ 62	\$ 75 \$ 248	\$ 76
402	50	5506970 Total 5506971 Total	ImprRelb/Sys Depnd-G-CP Sys - SA ImprRelb/Sys Depnd-G-CP Sys - SF	Total Total	MORNING CONTROL OF THE PROPERTY OF THE PROPERT	\$ 113 \$ 48	\$ 248 \$ 68	\$ 416 \$ 111
404	50	5506977 Total	ImprRelb/Sys Depnd-G-CP Sys - SI	Total	**************************************	\$ 35	S 41	\$ 41
405	50	5506973 Total	ImprReib/Sys Depnd-G-CP Sys - SJ	Total	NTO DESTRUCTION OF THE PROPERTY OF THE PROPERT	\$ 81	\$ 166	\$ 172
406	50	5506974 Total	ImprRelb/Sys Depnd-G-CP Sys - ST	Total	2-1-5-4-7-1	\$ 177	\$ 234	\$ 371
407	50	5506975 Total	ImprRelb/Sys Depnd-G-CP Sys - YO	Total	A	\$ 124	\$ 153	\$ 218
408	50	5506976 Total	ImprRelb/Sys Depnd-G-Oth Equip - CC	Total	NAME OF THE OWNER OWNER OF THE OWNER	\$ 15	\$ 33	\$ 41
409	50	5506978 Total	ImprRelb/Sys Depnd-G-Oth Equip - DI	Total		\$ 133	\$ 294	\$ 443
410	50	5506979 Total	imprRelb/Sys Depnd-G-Oth Equip - EB	Total	The state of the s	\$ 99	\$ 209	\$ 311
411	50	5506980 Total	ImprRelb/Sys Depnd-G-Oth Equip - FR	Total	**************************************	\$ 0	\$ 2	\$ 24
412	50	5506981Total	ImprRelb/Sys Depnd-G-Oth Equip - KE	Total		\$ 0	\$ 2	\$ 2
413	50	5506982 Total	ImprRelb/Sys Depnd-G-Oth Equip - MI	Total		\$ 6	\$ 1	\$ 25
414	50	5506983 Total	ImprRelb/Sys Depnd-G-Oth Equip - NB	Total		\$ 54	\$ 130	\$ 155
415	50	5506984 Total	ImprRelb/Sys Depnd-G-Oth Equip - SO	Total	***************************************	\$ 97	\$ 109	\$ 111
416	50	5506985 Total	ImprRelb/Sys Depnd-G-Oth Equip - NV	Total	OC1INSTLL400° PLANDABANDONDRSTN2	\$ 67	\$ 73	\$ 74
417 418	50 50	5506986 5506986	Impr Reib/Sys Depnd-G-OthEquip-PN Impr Reib/Sys Depnd-G-OthEquip-PN	30758821 OTHER	OG BIND FLANDABANDUNDKSTNZ	\$2 \$0	\$=0001X101X10000000000000000000000000000	(n=40000700000 =========00000000)
419	50	5506986 Total	impr Reib/Sys Depnd-G-Oth Equip - PN	Total	hv41650;40;40	\$ 2	\$ 297	\$ 309
420	50	5506987 Total	ImprReib/Sys Depnd-G-Oth Equip - SA	Total	***************************************	\$ 6	\$ 25	\$ 223
421	50	5506988 Total	ImprRelb/Sys Depnd-G-Oth Equip - SF	Total	90.000.000	\$ 94	\$ 246	\$ 299
422	50	5506989 Total	ImprRelb/Sys Depnd-G-Oth Equip - SI	Total	XXX	\$ 0	-\$ 1	\$ 17
	50	5506990 Total	ImprRelb/Sys Depnd-G-Oth Equip - SJ	Total		\$ 27	\$ 263	\$ 444

Line No.	MWC	Project No	Project No Description	Order	Order Description	Actuals 7/1 - 12/31	2011 Total	Order Cost Since Inception
424	50	5506991 Total	ImprRelb/Sys Depnd-G-Oth Equip-ST	Total		\$ 0	\$ 43	\$ 43
425	50	5506992 Total	ImprReib/Sys Depnd-G-OthEquip- YO	Total	0.7-4.00-10.00-10.00-10.000-10.000-10.000-10.000-10.000-10.000-10.000-10.000-10.000-10.000-10.000-10.000-10.00	\$ 0	\$ 23	\$ 30
426	50	5506993 Total	ImprReib/Sys Depnd-G-Regs- CC	Total	KANATA SANAWA SINAMANI TANG-SINA SANTANI AND	\$ 78	\$ 409	\$ 449
427 428	50 50	5506994 5506994	ImprReib/SysDepnd-G-Regs-DA ImprReib/SysDepnd-G-Regs-DA	30758392 30758394	A-03 ALMA & OREGONSILLERFILTER A-10JUNIPERO ARASTRADERO LOCKVALVE	\$373 \$0	iĝeno ezazeno szaten kentento	\$100xx112xx11111111111111111111111111111
429	50	5506994	Impr Reib/SysDepnd-G-Regs-DA	OTHER	A 1030W EMBANAS WADENSESON ALVE	\$287	(francous reconstruction is execute	garante de la composition della composition dell
430	50	5506994 Total	ImprRelb/Sys Depnd-G-Regs- DA	Total		\$ 660	\$ 1,436	\$ 1,510
431	50	5506995	ImprReib/SysDepnd-G-Regs-DI	30692911	OC1GREBUILDCORNWALIDRSTN,PITTSBUR	\$0	GREEZERES	\$485
432	50	5506995	ImprRelb/SysDepnd-G-Regs-DI	30757351	OC1 GREBUILDORSTACRESCENDROONC	\$0	\$ 19	\$424
433	50	5506995	ImprRelb/SysDepnd-G-Regs DI	30757362	OC1GDRSTATIONCARIONCTPITTSBURG	-\$2	\$9	Gristophic to the histophic content of the second
434	50	5506995	ImprReib/SysDepnd-G-Regs-DI	30759876	R2GREBUILDGOLFCLUBDR,PLEAS	\$4	****	formasions ammorranis
435	50	5506995	ImprReib/SysDepnd-G-Regs-DI	30812259	REBUILDMARSHALLDRIVEDRSTATION	\$405	rija istrativa meta alikuma kenter meneral men	\$2045648
436 437	50 50	5506995 5506995	ImprReib/SysDepnd-G-Regs-DI	30826505 OTHER	GREBUILDRHEEMDRSTATIONMORAGA	\$ 10 \$ 18	ilije e kranstata o meteora en este restratora a	\$35 \$25
437	50	5506995 Total	ImprRelb/SysDepnd-G-Regs-DI ImprRelb/SysDepnd-G-Regs-DI	Total	***************************************	\$ 435	\$ 683	\$1,799
439	50	5506996	ImprRelb/SysDepnd-G-Regs-EB	30712896	GP7THST& HENSLEYRICHMOND	\$94	\$1000000000000000000000000000000000000	Динименатемическі петинана
440	50	5506996	ImprRelb/SysDeprid-G-Regs-EB	30714400	R1GPCARLSON& ADAMS ALBANYREPLACEREG	\$ 272	\$272	\$311
441	50	5506996	ImprRelb/SysDepnd-G-Regs-EB	30790567	GPRCB-8363RD&HOLLISSTEMERYVILLE	\$ 545	hijo-kararan kananan kanan	\$545
442	50	5506996	ImprRelb/SysDepnd-G-Regs-EB	OTHER		\$105	\$ 175	\$396
443	50	5506996 Total	ImprRelb/Sys Depnd-G-Regs- EB	Total		\$ 1,016	phine process recent and a security contract con-	\$ 1,623
444	50	5506997	ImprRelb/SysDepnd-G-Regs-FR	30784975	OC2RBLDDRD-36, WEBER& FARRINGTONER	\$306	RŞEKTONA KAZDANA ILLERIYLE KAZDANIA DAZA	\$40000 = 60000 = 40000 = 40000
445 446	50 50	5506997	ImprRefb/SysDepnd-G-Regs-FR ImprRefb/SysDepnd-G-Regs-FR	30784976 OTHER	REBLDDRL-38, BROWN&VANNESS, FRES	\$400 \$95	Charles and the second section of the	900000000000000000000000000000000000000
447	50	5506997 5506997 Total	ImprReib/Sys Depnd-G-Regs- FR	Total	000-001-0-000-000-000-000-000-00-0-0-0-	\$ 801	\$ 847	\$ 848
448	50	5506998 Total	ImprRelb/Sys Depnd-G-Regs- KE	Total	\$\$\$\$\$\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	\$ 1	\$ 20	\$ 104
449	50	5506999	ImprReib/SysDepnd-G-Regs-MI	30742044	RH-18 PANAMA&HESPERIANREG STA.	\$277	Art market and reserved named	\$328
450	50	5506999	ImprRelb/SysDepnd-G-Regs-MI	OTHER		-\$43	\$78	\$319
451	50	5506999 Total	ImprRelb/Sys Depnd-G-Regs- MI	Total		\$ 234	\$ 381	\$ 647
452	50	5507000 Total	ImprRelb/Sys Depnd-G-Regs- NB	Total		\$ 15	ČED-ACCESSOR PROGRAMA	\$ 300
453	50	5507001	ImprRelb/SysDepnd-G-Regs-SO	30762547	OC4 GGREPLACEREGSTAR42/ DEPOTST/	\$7	CANADA SERVICIO DE LA COMPANSIONA DEL COMPANSIONA DE LA COMPANSION	\$370
454 455	50	5507001 5507001	ImprReib/SysDepnd-G-Regs-SO ImprReib/SysDepnd-G-Regs-SO	30785447 30803970	OC4GR-UPGRADER585-BROADWAY&MACARTHU 12REPLU25REGSTA/UKIAH	\$ \$93 \$45	afore contract the second seco	CONTRACTOR CONTRACTOR
456	50	5507001	ImprRelb/SysDepnd-G-Regs-SO	OTHER	TENER EGEORGES FOR OTHER	\$6	CONTRACTOR IN LANGUAGE	\$35
457	50	5507001 Total	ImprRelb/Sys Depnd-G-Regs- SO	Total	\$4************************************	\$ 151	O ROMAN AND AND AND AND AND AND AND AND AND A	\$ 661
458	50	5507002	ImprRelb/SysDepnd-G-Regs-NV	30753589	R6GDREBUILDREDBLUFFDR103	\$ 10		\$97
459	50	5507002	ImprRelb/SysDepnd-G-Regs-NV	30754754	OC4R-003 ORLANDTERTIARYRBLD, WOODWAR	\$31	\$306	\$700
460	50	5507002	ImprRelb/SysDepnd-G-Regs-NV	30755085	OC4ORB-006MYERS&IDORARBLD,OROVILLE	\$ 102	(45/49/4000000000000000000000000000000000	\$733
461	50	5507002	ImprRelb/SysDepnd-G-Regs-NV	30755086	ORB-0112TH& ORODAM, OROVILLE	\$125	Question and a service of the servic	faces and a second seco
462	50	5507002	ImprReib/SysDepnd-G-Regs-NV	30755087	ORB-38,E.GRIDLEYRD,GRIDLEY	\$ 39	\$15	grandencensescursconcenteren
263 ************************************	50 50	5507002 5507002	ImprRelb/SysDepnd-G-Regs-NV ImprRelb/SysDepnd-G-Regs-NV	30774574 30774980	LHD-SBLCKVLVDR93MAPLELEAFRELOCATE D-SREBUILDDR-56WONDERLNDMTNGAT	\$ 532 \$ 74	·	\$602 \$328
465	50	5507002	Impr Relb/Sys Depnd-G-Regs-NV	OTHER	D-0 NEDOTEDIN GOVO NO LI CENTRO NO CONTROL DE CONTROL D	\$19	de	(рикоской изголький и поской положе
466	50	5507002 Total	ImprRelb/Sys Depnd-G-Regs- NV	Total		\$ 1,105	\$FFFFFFF ADVANCABANCE AND	\$ 3,882
467	50	5507003	ImprReib/SysDepnd-G-Regs-PN	30741812	C45STANFORD-WELLESLENLTERRTA	\$319	\$335	\$382
468	50	5507003	ImprRelb/SysDepnd-G-Regs-PN	30741815	OC1A89 CHRISTIAN & RALSTON, BELMONT	\$436	\$458	\$487
469	50	5507003	ImprReib/SysDepnd-G-Regs-PN	OTHER		\$123	\$809	\$1,646
470	50	5507003 Total	ImprRelb/Sys Depnd-G-Regs- PN	Total		\$ 879	\$ 1,602	\$ 2,514
471	50	5507004	ImprRelb/SysDepnd-G-Regs-SA	30714055	OC4ROSEVILLE BUTTERNU (A-62) REGRPL NEWREGSTATION POWERNN CUCAM	\$23	operation and the second	(mmassassassassassassas)
472 473	50 50	5507004 5507004	Impr Reib/Sys Depnd-G-Regs-SA Impr Reib/Sys Depnd-G-Regs-SA	30787993 OTHER	INLEWISE GO LA HURE POWERNING COUAW	\$586 \$219	400	\$634 \$642
474	50	5507004 Total	ImprReib/Sys Depnd-G-Regs- SA	Total		\$ 828	\$ 1,044	\$1,672
475	50	5507005	ImprRelb/SysDepnd-G-Regs-SF	30759576	OC1GREPLR-11DEWEY&LAGUNAHONDA,SF	\$ 126	C.004	\$941
476	50	5507005	ImprRelb/SysDepnd-G-Regs-SF	OTHER	***************************************	\$108	\$ 146	\$376
477	50	5507005 Total	ImprRelb/Sys Depnd-G-Regs- SF	Total		\$ 234	\$ 767	\$ 1,317
478	50	5507006	ImprRelb/SysDepnd-G-Regs-SI	30798920	REBLDDRMRC-13AS DUALRUN, WHEATLA	\$227	epriminant and a series of the	PARTITION OF THE PARTITION OF THE PARTI
479	50	5507006	ImprReib/SysDepnd-G-Regs-SI	30799615	EREBUILDDRMRC-10,0LIVEHRST	\$5	\$1220 PENNENS BANKERS SERVER BANK	\$5555EEEEEEEEEEEEEE
480	50	5507006	ImprRetb/Sys Depnd-G-Regs-SI	OTHER		\$ 15	CAMERON NO BERNINGS TO S	principal and a second second
481 482	50 50	5507006 Total 5507007 Total	ImprRelb/Sys Depnd-G-Regs- SI ImprRelb/Sys Depnd-G-Regs- SJ	Total Total	Friendle Control Friends (Control Control Cont	\$ 247 \$ 90	\$ 313 \$ 148	Šanasa samminini sa
483	50	5507007 rotal	ImprRetb/Sys Depnd-G-Regs- ST	30762887	R2LREPLVALVESSTHP-24,FRESNO% NAVY*	\$393	3900X0============XX0XX000	Šanaa – marka anaa sanaa sa
484	50	5507008	ImprRelb/SysDepnd-G-Regs-ST	OTHER		\$45	Section of the sectio	i de excurate en esta en executar e essuen
485	50	5507008 Total	ImprRelb/SysDepnd-G-Regs- ST	Total	2011	\$ 439	\$ 884	\$1,029
486	50	5507009 Total	ImprRelb/Sys Depnd-G-Regs- YO	Total	5wa	\$ 0	\$ 7	\$ 7
487	50	5507010Total	lmprRelb/Sys Depnd-G-Valves- CC	Total	(ne===064600)	\$ 127	\$ 479	\$ 542
488	50	5507012Total	imprReib/Sys Depnd-G-Valves- Di	Total	13 (DA)46 (A)(C) (T)	\$ 88	\$ 332	\$ 515
489	50	5507013 Total	ImprRelb/Sys Depnd-G-Valves- EB	Total	Sacrice	\$ 123	\$ 339	\$ 1,307
490 491	50 50	5507014Total 5507015Total	imprReib/Sys Depnd-G-Valves- FR imprReib/Sys Depnd-G-Valves- KE	Total	***	\$ 57	\$ 139 \$ 56	\$ 143
491	50	5507015 Otal	imprReib/Sys Depnd-G-Valves- Mi	Total Total	×	\$ 28 \$ 402	\$ 56 \$ 756	\$ 122 \$ 848
	germane en ma	5507017 Total	Impr Relb/Sys Depnd-G-Valves- NB	Total		\$ 21		\$ 379

Line No.	MWC	Project No	Project No Description	Order	Order Description	Actuals 7/1 - 12/31	2011 Total	Order Cost Since Inception
494	50	5507018 Total	imprRelb/Sys Depnd-G-Valves- SO	Total	MANAZARTETTS-ARRIBUS ACTES AND ARTES	\$ 211	\$ 231	\$ 248
495	50	5507019 Total	ImprRelb/Sys Depnd-G-Valves- NV	Total		\$ 79	\$ 227	\$ 364
496	50	5507020 Total	ImprRelb/Sys Depnd-G-Valves- PN	Total	W444445555444655544W********************	\$ 7	\$ 21	\$ 65
497	50	5507021Total	ImprRelb/Sys Depnd-G-Valves- SA	Total		\$ 146	\$ 245	\$ 471
498	50	5507022 Total	impr Reib/Sys Depnd-G-Valves- SF	Total		\$89	\$ 489	\$ 569
499	50	5507023 Total	ImprReib/Sys Depnd-G-Valves- Si	Total	**************************************	\$ 4	\$ 4	\$ 4
500	50	5507024 Total	imprReib/Sys Depnd-G-Valves- SJ	Total		\$ 25	\$ 60	\$ 61
501	50	5507025 Total	imprReib/Sys Depnd-G-Valves- ST	Total	37.000.00 (1.000	\$ 150	\$ 474	\$ 902
502	50	5507026 Total	ImprReib/Sys Depnd-G-Valves- YO	Total	100000000000000000000000000000000000000	\$ 112	\$ 401	\$ 698
503	50	5508123 Total	North Coast Service Replacements	Total		\$ 0	\$ 1	\$ 57
504	50	5509084	HB- Impr Rel/Dep G	30848824	GPUPGRADŒUREKALPSYSTEM PH1	\$ 14	long and a supplied of the long of the lon	\$ 17
505	50	5509084	HB- Impr Rel/Dep G	OTHER		\$ 19	\$ 122	\$ 123
506	50	5509084 Total	HB - Impr Rel/Dep G	Total	***************************************	\$ 33	\$ 139	\$ 140
507	50	5509085 Total	HB - Impr Rel / Dep. Gas Svcs	Total	DADOGER MI DECOM A TORTA DAS EMPERA	\$ 177	\$ 259	\$ 290
508 509	50 50	5509100 5509100	HB-Impr Relb/Sys Depnd-G-Regs HB-Impr Relb/Sys Depnd-G-Regs	30767694 OTHER	R7RCREBUILDREGULATORSTAR13/EUREKA	\$ 26 \$ 35	\$80 \$292	\$ 97 \$ 936
510	50	5509100 Total	HB - Impr Relb/Sys Depnd-G-Regs	Total	V====;00x=500350353x==500000500000000000000000	\$ 61	\$ 372	\$ 1.033
511	50	5509101Total	HB - Impr Reib/Sys Depnd-G-CP Sys	Total		\$ 27	\$ 372 \$ 53	\$ 1,033
512	50	550910110tal	HB - Impr Reib/Sys Depnd-G-V sys	Total		\$ 67	\$ 53 \$ 89	\$ 89
513	50	550910210tal	HB - Impr Relb/Sys Depnd-G-Oth Equip	Total	200 TX	\$ 4	\$ 4	\$ 4
514	50	5509252 Total	Est - Int Est/DesignDist - SCV MWC 50	Total	70-b	-\$ 669	-\$ 589	-\$ 1,079
515	50	5509277 Total	Mapping - Other Mapping - SCV MWC 50	Total		-\$ 54	-\$ 36	-\$ 42
516	50	5510860 Total	MWC 50 SCV Allocation	Total		\$ 181	-\$ 206	-S 171
517	50	5511060	Impr Rei/Dep - GOverbuild-CC	30716113	*P1-GP3710GROSSRDCAPITOLA	\$298	\$298	\$299
518	50	5511060	ImprRel/Dep - GOverbuild-CC	OTHER	450(0.00)()()(0.00)(0.00)()()()(0.00000000	\$178	\$270	\$ 302
519	50	5511060Total	imprRel/Dep - G Overbuild-CC	Total	**************************************	\$ 476	\$ 568	\$ 601
520	50	5511061Total	lmprRel/Dep - G Overbuild-DA	Total	\$200	\$ 81	\$ 82	\$ 82
521	50	5511062Total	lmprRel/Dep - G Overbuild-Dl	Total	\$0.000.000.000.000.000.000.000.000.000.	\$ 106	\$ 203	\$ 237
522	50	5511064Total	ImprRei/Dep - G Overbuild-FR	Total		-\$ 41	\$ 195	\$ 487
523	50	5511065Total	ImprRel/Dep - G Overbuild-HB	Total		\$ 2	\$ 4	\$ 10
524	50	5511068Total	ImprRei/Dep - G Overbuild-Mi	Total		\$ 3	\$ 14	\$ 14
525	50	5511069Total	ImprRel/Dep - G Overbuild-NB	Total	ACCUST MADDLE AD AND DECOST SHEET AND AND AND ASSESSMENT ASSESSMENT AND ASSESSMENT	\$ 377	\$ 763	\$ 1,137
526	50	5511070Total	imprRel/Dep - G Overbuild-NV	Total		\$ 52	\$ 64	\$ 67
527	50 50	5511072	ImprRel/Dep - GOverbuild-SA	30767106	OC4 GPLAKESIDEVILLAGB/HP MAIN, FOLSOM	\$20	\$1,017	\$1,185
528	50	5511072	ImprRel/Dep - GOverbuild-SA ImprRel/Dep - GOverbuild-SA	30806913 OTHER	GPLAKESSIDEVILLAGEMHPSVCSFOLSOM	\$9	\$1,392 \$17	1
529 530	50	5511072 5511072Total	imprRei/Dep - G Overbuild-SA	Total	(A+(A+(TT)-WANGAGGGGGGGANAN/A-TT-ATTTANKT)-NGGGGGGGGGGGGGGGGGAN/A-TT-AK/AN/AKAAA	\$ 25 \$ 54	\$ 2,426	\$69 \$3,136
531	50	5511074 Total	impr Rel/Dep - G Overbuild-SI	Total	***************************************	\$ 0	\$ 2,420	\$ 3,130
532	50	5511075Total	ImprRel/Dep - G Overbuild-SJ	Total	0.52-10-1-1-1-20-1-1-1-1-1-1-1-1-1-1-1-1-1-		\$ 47	\$ 47
533	50	5511076Total	ImprRel/Dep - G Overbuild-SO	Total	25(4)	**************************************	\$ 66	\$ 184
534	50	5511077 Total	Impr Rel/Dep - G Overbuild-ST	Total	0.7	\$ 58	\$ 311	\$ 362
535	50	5511078 Total	Impr Rel/Dep - G Overbuild-YO	Total	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	\$ 146	\$ 159	\$ 166
536	50	5710899 Total	Imp Rei / Dep, Gas Svcs - DA	Total	T	*1	\$ 34	\$ 46
537	50	5710902Total	impRei/Dep,GasSvcs-FR	Total	***************************************	\$ 10	\$ 15	\$ 15
538	50	5710909 Total	impRei/Dep,GasSvcs-SA	Total		\$11	\$ 11	\$ 11
539	50	5712641Total	ImprRelb/Sys Depnd-G-CPSys - Mi	Total	1/0 64/1111/11/16/11/0	\$ 0	\$ 1	\$ 15
540	50	5712653Total	lmprRelb/Sys Depnd-G-Valves- DA	Total	NAMES OF THE PROPERTY OF THE P	\$ 18	\$ 18	\$ 18
541	50	5737258 Total	MWC 50 SCV Allocation	Total		\$ 0	\$ 0	\$ 0
542	52		MWC52 TOTAL	Total	MWC 52 TOTAL	\$ 139	\$ 505	
543	52	5500664 Total	RepiPlant Corr G-CC	Total		-\$ 3	\$ 27	\$ 29
544	52	5500665 Total	RepiPlant Corr G-DA	Total	**************************************	-\$ 7	\$ 17	\$ 21
545	52	5500666 Total	RepiPlant Corr G-Di	Total		\$ 0	\$ 6	\$ 5
546	52	5500667 Total	RepiPlant Corr G-EB	Total	4004000	\$ 11	\$ 13	\$ 13
547	52	5500670 Total	RepiPlant Corr G-FR	Total	(Makasi Mar 40,400)	\$ 0	\$ 0	\$ 0
548	52	5500672 Total	RepiPlant Corr G-KE	Total	 	\$0	\$ 0	\$ 0
549	52	5500674 Total	RepiPlant Corr G-Mi	Total	***************************************	\$ 4	\$ 2	\$ 4
550	52	5500675 Total	RepiPlant Corr G-NB	Total		\$ 1	\$ 82	\$ 82
551	52 52	5500737 Total	ReplPlant Corr G - SO	Total		\$ 0 \$ 17	\$ 0 \$ 13	\$ 0 \$ 20
552 553	52 52	5500738 Total 5500739 Total	RepiPlant Corr G-NV RepiPlant Corr G-PN	Total Total		\$ 17 \$ 32	\$ 13 \$ 66	\$ 20 \$ 75
554	52	5500739 Fotal	RepiPlant Corr G-PN	Total		\$ 32	\$ 39	\$ 58
555	52	5500740 Fotal	RepiPlant Corr G-SF	Total	**************************************	\$ 4	\$ 4	\$ 30
556	52	5500742 Total	RepiPlant Corr G-SJ	Total	\$1000000000000000000000000000000000000	-\$ 4	\$ 48	\$ 71
557	52	5500743 Total	RepiPlant Corr G-Si	Total	MM0=0MM	\$ 0	\$ 2	\$ 2
558	52	5500744 Total	RepiPlant Corr G-ST	Total	CC===03000 == 03000 = 0 = 0 = 0 = 0 = 0 =	\$ 9	\$ 10	\$ 10
559	52	5500745 Total	RepiPlant Corr G-YO	Total	leeweeseeweenamamamamamamamamamamamamamamamamamama	-\$ 2	\$ 1	\$ 4
annergement	52	5502421 Total	System-wide Gas Emergencies	Total		\$ 0	\$ 0	\$ 0
560			tono anti-responsable de la companya		Nessanna		SOMEON CONTRACTOR OF STREET	Constant
560 561	52	5509104 Total	HB - RepiPlant Corr G	Total		\$ 1	\$ 2	\$ 2
one consensed	Sucrementarion	5509104 Total 5509320 Total	HB - RepiPlant Corr G Emerg Resp-G-Dig-Ins- DA	Total Total	xx57//mmmmmmmmmmmmmmmmmmmmmmmmmmmmmmmmmm	\$ 1 -\$ 3	\$ 2 -\$ 3	\$ 2 \$ 0

Line No.	MWC	ProjectNo	ProjectNoDescription	Order	OrderDescription	Actuals 7/1 - 12/31	2011Total	Order Cost Since Inception
564	52	5509324Total	EmergResp-G-Dig-InsHB	Total		\$7	\$ 69	\$ 69
565	52	5509327Total	EmergResp-G-Dig-Ins MI	Total	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	\$ 5	\$ 5	\$ 5
566	52	5509328Total	EmergResp-G-Dig-Ins NB	Total		\$ 9	\$ 27	\$ 27
567	52	5509329Total	EmergResp-G-Dig-Ins NV	Total		\$3	\$ 3	\$3
568	52	5509330Total	EmergResp-G-Dig-InsPN	Total	***************************************	-\$3	\$ 27	\$ 64
569	52	5509331Total	EmergResp-G-Dig-InsSA	Total	POTRICE CONTROL OF THE PROPERTY OF THE PROPERT	\$4	\$15	\$ 57
570	52	5509334Total	EmergResp-G-Dig-InsSJ	Total	10170	\$ 3	\$14	\$ 14
571	52	5719398Total	ReplPlant EmerG-SA	Total		\$8	\$8	\$8
572		Grand Total				\$123,796	\$218,708	

5. O&M Spending by Major Work Category

Request

Amount spent during the reporting period, year-to-date, and annual totals on O&M for safety, integrity and reliability.

Response

Table 5-1 provides a summary, by expense MWC, of the spending on gas distribution pipeline safety, reliability and integrity for the period July 1 through December 31, 2011, and for the full year 2011.

TABLE 5-1

PACIFIC GAS AND ELECTRIC COMPANY

SUMMARY OF EXPENSE SPENDING ON O&M FOR SAFETY, INTEGRITY AND RELIABILITY

(IN THOUSANDS OF 2011 DOLLARS)

MWC	MWC Description	-	\ctuals I - 12/31	2011 Total		
DE	G Dist Leak Survey	\$	10,446	\$	20,115	
DF	G&E T&D Locate & Mark	\$	14,404	\$	27,227	
DG	G Dist Cathodic Protection	\$	8,880	\$	13,973	
EX	G Dist Meter Protection	\$	458	\$	486	
FG	G Dist Operate System	\$	2,050	\$	4,118	
FH	G Dist Preventive Maint	\$	2,767	\$	16,866	
FI	G Dist CorrectiveMaint	\$	18,460	\$	37,828	
GF	G Dist Mapping	\$	496	\$	970	
GG	G Dist Planning & Ops Engineer	\$	2,115	\$	3,005	
JS	G Dist Integrity Management	\$	18,741	\$	24,699	
KF	GT&D Impl RegulatoryChange	\$	2	\$	323	
Gas Distr	ibution Expense	\$	78,820	\$	149,609	

Note:

The 2011 total includes \$312,000 related to energy usage that was inadvertently omitted from Gas Distribution Pipeline Safety Report No. 2011-01 for the period January 1 through June 30, 2011.

6. Comparison of Settlement Agreement Allocations to Actual Spending Request

Comparison of amounts spent on capital projects and O&M to Settlement Agreement allocation, showing remaining balance or amount spent in excess of allocation.

Response

Table 6-1 repeats the information found in Table 2-1 (Settlement Agreement Allocation), Table 3-1 (Budget), and Table 6-1 (Actuals) and shows the difference between total 2011 spending and the Settlement Agreement allocations for O&M MWCs. Table 6-2 repeats the information found in Table 2-2 (Settlement Agreement Allocation), Table 3-2 (Budget), and Table 4-1 (Actuals) and shows the difference between total 2011 spending and the Settlement Agreement allocations for capital MWCs.

TABLE 6-1

PACIFIC GAS AND ELECTRIC COMPANY

COMPARISON OF 0&M SPENDING TO SETTLEMENT AGREEMENT ALLOCATION

(IN THOUSANDS OF 2011 DOLLARS)

MWC	MWC Description	Budget		Settlement Agreement Allocation		20	111 Total	Variance between 2011 Total and Allocation		
DE	G Dist Leak Survey	\$	18,609	\$	15,482	\$	20,115	\$	4,633	
DF	G&E T&D Locate & Mark	\$	26,978	\$	29,902	\$	27,227	\$	(2,675)	
DG	G Dist Cathodic Protection	\$	8,748	\$	10,757	\$	13,973	\$	3,216	
EX	G Dist Meter Protection	\$	199	\$	1,200	\$	486	\$	(714)	
FG	G Dist Operate System	\$	3,038	\$	3,945	\$	4,118	\$	173	
FH	G Dist Preventive Maint	\$	19,173	\$	16,924	\$	16,866	\$	(58)	
FI	G Dist Corrective Maint	\$	39,550	\$	35,656	\$	37,828	\$	2,173	
GF	G Dist Mapping	\$	934	\$	1,600	\$	970	\$	(630)	
GG	G Dist Planning & Ops Engineer	\$	3,070	\$	3,060	\$	3,005	\$	(54)	
JS	G Dist Integrity Management	\$	19,500	\$	19,500	\$	24,699	\$	5,199	
KF	GT&D Impl Regulatory Change	\$	367	\$	0	\$	323	\$	323	
Gas Distr	ibution Expense	\$	140,166	\$	138,025	\$	149,609	\$	11,584	

TABLE 6-2
PACIFIC GAS AND ELECTRIC COMPANY
COMPARISON OF CAPITAL SPENDING TO SETTLEMENT AGREEMENT ALLOCATION
(IN THOUSANDS OF 2011 DOLLARS)

MWC	MWC Description		Budget	Settlement Agreement Allocation		20	011 Total	Variance between 2011 Total and Allocation		
14	G Dist Pipeline Repl Program	\$	123,707	\$	123,266	\$	126,999	\$	3,733	
27	Gas Meter Protection-Capital	\$	332	\$	593	\$	9	\$	(584)	
47	G Dist Capacity	\$	12,000	\$	12,760	\$	12,521	\$	(239)	
50	G Dist Reliability General	\$	39,390	\$	20,660	\$	58,543	\$	37,883	
52	G Dist Leak Repl/Emergency	\$	702	\$	264	\$	505	\$	241	
2J	GT&D Impl Regulatory Change	\$	0	\$	0	\$	500	\$	500	
2K	G Dist Repl/Convert Cust HPR	\$	15,000	\$	0	\$	19,631	\$	19,631	
Gas Distril	oution Capital	\$	191.131	\$	157.543	\$	218,708	\$	61.165	

7. Capital Project Status

Request

Identify and describe capital projects and O&M work that has been started and completed during reporting period including completion date and report on the status of work-in-progress.

Response

Table 7-1 includes all O&M MWCs, showing, where applicable, work that is measured in units. Where possible, the table includes unit and dollar amounts for the 2011 PG&E budget, the first reporting period, second reporting period, and the full-year 2011 actuals. The actual units have been updated for both the first reporting and second reporting period to show the most up-to-date and accurate unit counts. The percent of units complete column has been eliminated for this reporting period as YTD actual units and spending reflect the completion of 2011 work.

Table 7-2 identifies the status of capital projects. The construction of a number of projects reflected in Table 7-2 were completed before the reporting period, however, since the project recorded more than \$10,000 in expenditures (i.e., trailing costs and adjustments) during this reporting period, these projects were also included in the table. The projects in Table 7-2 show, as applicable, (i) a planned construction start date, (ii) an actual construction start date for those projects that have started construction, (iii) a forecasted finish construction date and (iv) an actual finished construction date for those projects that are complete.

Capital projects may be in one of five stages of progress: Complete,
Documentation, Construction, Pre-Construction, Design and Cancel. Figure 7-1
explains the definition of each status, as well as the number of projects in each
status that are addressed in this report.

FIGURE 7-1 PACIFIC GAS AND ELECTRIC COMPANY PROJECT STAGE DEFINITION

Status	Description	Number of Projects
Complete	Projects that do not expect to have any more construction labor charges and have documentation completed.	97
Documentation	Projects that do not anticipate any more construction charges but still require documentation, such as as-builds and job closure documents.	43
Construction	Projects that are currently being constructed.	44
Pre-Construction	Projects that are being evaluated for financial authorization or pending third-party permits.	16
Design	Projects that are currently being engineered or estimated.	4
Cancel	Projects that will be cancelled due to change in job scope.	1
	Total	205

Note:

The cancelled project represents a GPRP project in San Francisco. PG&E still plans to replace the assets; however, the project is being re-designed. Therefore the initial project in SAP was cancelled and will be replaced with a new project.

TABLE 7-1 PACIFIC GAS AND ELECTRIC COMPANY GAS DISTRIBUTION O&M PROGRESS BY CATEGORY (IN THOUSANDS OF 2011 DOLLARS)

						Actu			Actu					
			2011 E	3uc	iget	1/1 -	6/3	0	7/1 - 1	2/3	31	2011	Tot	al
Line No	Work Category	Unit of Measure	Units	E	Budget	Units	1	Actual	Units		Actual	Units	7	Actual
1	Routine Leak Survey	* Services Surveyed	735,000	\$	10,618	301,137	\$	5,028	517,826	\$	7,843	818,963	\$	12,871
2	Special Leak Survey / Other	Miles Surveyed	1,008	\$	7,991	729	\$	4.640	463	S	2,604	1,192	\$	7,244
3	MWC DE Total	1		\$	18,609		\$	9,669		\$	10,446		\$	20,115
4	General / Other]		\$	800		\$	630		\$	685		\$	1,315
5	Mark & Locate	USA Tags	503,423	\$	26,178	290.246	\$	12,193	276,746	\$	13,719	566,992	\$	25,912
6	MWC DF Total			\$	26,978		\$	12,823		\$	14,404		\$	27,227
		Pipe-to-Soil		-				· · · · · ·						
	Cathodic Protection	Measurements												
7	(CP) Monitoring	Taken	46,254	\$	3,372	23.491	\$	1,863	22,763	\$	1,749	46,254	\$	3,612
	<u> </u>	CP Areas		-			-		· · · · · · · · · · · · · · · · · · ·	-		·		
8	CP Resurveying	Resurveyed	391	\$	829	186	\$	586	341	S	1,288	527	\$	1.874
	7 3	CP Areas											<u> </u>	
9	CP Troubleshooting	Diagnosed	2,068	\$	3,049	1,727	\$	2,167	1,767	\$	2,461	3,494	\$	4,628
	CP Isolated	Isolated Services												
10	Services	Evaluated	13,469	\$	898	344	\$	19	76,478	\$	3,275	76,822	\$	3,294
11	CP Field Support			\$	600		\$	457		\$	108		\$	565
12	MWC DG Total			\$	8,748		\$	5,092		\$	8,880		\$	13,973
	Meter Protection -													
13	Posts	Meter Sites	98	\$	199	31	\$	27	46	\$	449	77	\$	476
	Meter Protection -													
14	Valves	Meter Sites	0	\$	0	0	\$	1	8	\$	8	8	\$	9
15	MWC EX Total			\$	199		\$	28		\$	458		\$	486
16	General			\$	345		\$	135		\$	113		\$	248
	Gas System													
	Monitoring	Number of												
17	(Pressure Charts)	Operations	24,722	\$	2,142	14,286	\$	1,307	12,376	\$	1,420	26,662	\$	2,728
	Gas System													
	Operations (Winter	Number of												
18	Ops)	Operations	1,798	\$	551	1,020	\$	314	929	\$	270	1,949	\$	585
19	Other						\$	312		\$	246		\$	558
20	MWC FG Total			\$	3,038		\$	2,068		\$	2,050		\$	4,118
21	General			\$	757		\$	408		\$	531		\$	939
	Regulator Station	Regulator Station												
22	Maintenance	Runs Maintained	3,687	\$	4,846	1,794	\$	2,920	1,980	\$	3,143	3,774	\$	6,063
	Misc. Maintenance	Feet of Main												
23	of Mains	Maintained	5,400	\$	949	1,049	\$	667	1,277	\$	743	2,326	\$	1,410
	Misc. Maintenance	No. of Services												
24	of Services	Maintained	2,483	\$	1,648	838	\$	1,352	810	\$	1,615	1,648	\$	2,967
		Distribution												
	Distribution Valve	Valves												
25	Maintenance	Maintained	5,933	\$	1,339	3,410	\$	670	2,607	\$	571	6,017	\$	1,241
	ServiceValve	Service Valves												
26	Replacements	Replaced	7,505	\$	1,859	4,755	\$	919	4,126	\$	923	8,881	\$	1,842
	Atmoonharia	** Ahous Court												
	Atmospheric	** Above Ground												
07	Corrosion	Locations	0.000.707	e e	·yyy	E0.4	ø	0.000	4 000	6	/F 000	4 707		4 400
27	Inspections/Repairs	Inspected	3,352,781	\$	7,775	564	\$	6,690	1,203	\$	(5,222)	1,767	\$	1,468
	Non-Recurring													
	Project (Safety								,					, and . and .
28	Enhancements)		n/a	\$	0	n/a	\$	472	n/a	\$	455	n/a	\$	927
29	MWC FH Total			\$	19,173		\$	14,098		\$	2,767		\$	16,866

TABLE 7-1 PACIFIC GAS AND ELECTRIC COMPANY GAS DISTRIBUTION O&M PROGRESS BY CATEGORY (IN THOUSANDS OF 2011 DOLLARS) (CONTINUED)

			2011	211	inet	Actu 1/1 -			Actu 7/1 - 1			2011	Tot	-21
Line No	Work Category	Unit of Measure	Units		Budget	Units		Actual	Units	,	Actual	Units		Actual
30	Main Leak Repairs	Leaks Repaired	1.816	\$	10.822	1.186	\$	6.288	963	\$	5.365	2,149	s	11.653
	Service Leak	Leano rropaires	7,070	ř	10,022	7,100	Ť	0,200		Ť	0,000	2,110	Ť	17,000
31	Repairs	Leaks Repaired	15,414	\$	22.863	6,435	s	9.040	4.856	s	8.677	11,291	\$	17,716
	1	Dig-In Leaks		Ë			Ė			H			H	
32	Main Dig-in Repairs	Repaired	216	\$	241	17	\$	(185)	46	\$	236	63	\$	51
	Service Dig-in	Dig-In Leaks											\vdash	
33	Repairs	Repaired	990	\$	590	248	\$	125	305	\$	(356)	553	\$	(231)
34	Restoration	Corrosion Work Tags Completed	1,329	\$	2,356	826	\$	1,320	772	\$	1,485	1,598	\$	2,806
	Regulator Station	Regulator Station												
35	Repairs	Repairs	1,079	\$	1,977	696	\$	1,298	665	\$	1,841	1,361	\$	3,139
36	Valve Repair	Valves Repaired	331	\$	700	152	\$	433	118	\$	315	270	\$	748
37	Gas Overbuilds					36	\$	683	12	\$	632	48	\$	1,315
38	Gas Corr Maint Projects - Other						S	366		s	265		s	630
39	MWC FI Total	L		<u>.</u>	39,550		S	19,368		\$	18,460		S	37,828
40	Gas Mapping			Ī\$	934		\$	474		1\$	496		T\$	970
41	MWC GF Total			S	934		S	474		S	496		S	970
42	General		n/a	\$	225	n/a	\$	0	n/a	\$	0	n/a	\$	0
43	Gas Planning		n/a	\$	2,845	n/a	\$	890	n/a	\$	2,115	n/a	\$	3,005
44	MWC GG Total	k		\$	3,070		\$	890		\$	2,115		\$	3,005
	AC Meter Inspection	s	3,352,781			3,442,129	\$	0	\$ 0	\$	8,186	3,442,129	\$	8,186
1	DIMP Related													
46	Activities			\$	19,500		\$	5,957		\$	10,555		\$	16,512
47	MWC JS Total GT&D Impl			\$	19,500		\$	5,957		\$	18,741		\$	24,699
48	Regulatory Change			\$	367		\$	321		\$	2		\$	323
49	MWC KF Total	3		\$	367		\$	321		\$	2		\$	323

Notes:

- 1. In the 2011 GRC Exhibit (PG&E-3) Chapters 17 and 18, MWC DE routine survey forecasted units by using miles surveyed. The GRC forecast units have been converted to number of services. Since the current unit tracking for distribution survey is captured by number of services, subsequent reports will use services for routine survey units.
- 2. MWC FH originally included Atmospheric Corrosion inspection and correction on meters. An improved process was implemented, and this work is now being accounted for under MWC JS (DIMP). Thus, \$5.8 million of Atmospheric Corrosion Inspections and Repairs moved from MWC FH to MWC JS during the July 1 to December 31, 2011 reporting period. The units for AC Meter Inspections have also been moved from MWC FH to MWC JS to correspond with the dollar adjustment.
- 3. MWC GG consists of costs associated with the Gas Distribution Planning Engineers. An accounting error occurred within the first reporting period that was reversed in the second half of the year.
- MWC FI Gas Overbuilds was moved to MWC FI from MWC EW (New Business and Work Requested by Others) during the second reporting period of 2011.

TABLE 7-2 PACIFIC GAS AND ELECTRIC COMPANY STATUS OF CAPITAL PROJECTS

		0		Planned	Actual	Actual	Forecasted
Line No	Project Status	Order Number	Project Name	Start Date	Construction Start	Finish Date	1
1	Complete	30820811	OC1 MAIN REINFORC - STONE VLLY RD., ALAM	5/2/11	3/4/11	7/26/11	5/31/1
2	Complete	30813057	OC4 G RM REPL MAIN, ORANGE AVE, NOVATO	5/2/11	12/7/10	9/15/11	6/30/1
3	Complete	30784975	OC2 RBLD DR D-36, WEBER & FARRINGTON, FR	6/27/11	3/4/11	12/15/11	7/27/1
4	Complete	30712896	GP 7TH ST & HENSLEY, RICHMOND	12/27/10	12/3/09	11/1/11	12/31/10
5	Complete	30692911	OC1 G REBUILD CORNWALL DR STN, PITTSBUR	7/26/10	5/28/10	1/31/11	9/17/10
6	Complete	30714055	OC4 ROSEVILLE & BUTTERNUT (A-62) REG RPL	9/27/10	7/17/09	6/27/11	12/13/1
7	Complete	A	BOW DR. & CRESTVIEWDR.	5/13/11		12/14/11	11/15/1
8	Complete	30798844	OC4 INST. 1050' OF 6" PL, ELM ST, LIVE	4/4/11	5/9/11	10/20/11	8/26/1
9	Complete	30740781 30616134	OC4 VACA VLY & SHELTER COVE - INSTL R OC1 G BERKELEY GPRP - PH 1: ASHBY UPRATE	11/22/10	3/22/10	2/14/11	1/14/1
11	Complete Complete	30810379	OC1 STONERIDGE DR PLEASANTON	8/9/10 8/15/11	8/9/10 9/15/11	2/10/11	9/30/1
12	Complete	30759576	OC1 G REPL R-11 DEWEY & LAGUNA HONDA, SF	10/4/10	4/1/10	5/13/11	12/31/1
13	Complete	30742428	OC4 INST 1700FT 6-IN PL, BRUCE RD, CHICO	11/29/10	11/17/10	6/17/11	2/25/1
14	Complete	30810188	OC4 REBLD DR MRC-12, 1ST & E ST, WHEAL	6/7/11	10/21/10	12/27/11	9/30/1
15	Complete	30848181	OC4 GP REPL 2300' MN, 1500 KIRK, GRIDLE	8/8/11	8/8/11	12/14/11	08/12/1
16	Complete	30797133	OC4 G CAP REG 118 REBUILD YOUNTVILLE	4/1/11	8/9/11	11/28/11	11/4/1
17	Complete	30797736	LOCUST, LEE TO SACRAMENTO, LODI	3/21/11	4/15/10	12/22/11	4/15/1
18	Complete	30747707	OC1 DUBLIN BLVD DUBLIN INSTALL 4100 FT O	9/7/10	11/2/10	3/18/11	1/31/1
19	Complete	30786843	OC1 RH-06-INSTALL DR.ST. VERMONT & "B" S	9/13/10	9/21/10	3/11/11	12/31/1
20	Complete	30789549	OC1 BYRON MAIN EXTENSION - BIXLER RD BYR	4/11/11	1/3/11	5/12/11	5/13/1
21	Complete	30675123	OC2 G 1,270-FT 4"PL:GREATAMERICA PKWY,SC	8/10/10	12/1/10	1/10/11	1/6/1
22	Complete	30783043	OC1 CORDILLERAS REDWOOD CITY	12/15/10	8/11/10	2/17/11	1/31/1
23	Complete	30751625	OC4 GP RM REPL HWY CROSSING, MAGAZINE ST	9/1/10	7/26/10	12/3/10	10/31/10
24	Complete	30850389	AVE D & TWO RIVERS	9/5/11	9/10/11	10/25/11	12/30/1
25	Complete	30844564	OC2 GP HPR SNEDIGAR RD, RIVERBANK	8/22/11	7/1/11	12/30/11	11/18/1
26	Complete	30817657	OC2 G ABNDN HPR STN DIANA AVE & LOTUS MH	7/1/11	8/1/11	9/19/11	10/31/1
27	Complete	30676310	OC1 TOWER ROAD HPR TO DRS	10/20/10	7/28/09	7/5/11	12/31/10
28	Complete	30676390	OC1 SHOREWAY DR BELMONT	2/18/11	7/28/09	11/5/11	9/30/1
29 30	Complete	30756701 30762547	9TH & LINCOLN, STOCKTON OC4 G GREPLACE REG STA R42 / DEPOT ST /	11/18/10	11/17/10 4/15/10	3/30/11 10/26/11	3/18/1
31	Complete Complete	30790051	OC2 HARDING WY, SAN JUAN AVE TO ABBY CT	9/26/11	9/26/11	11/16/11	1/15/1
32	Complete	30827211	OC4 GP RM BUHMAN & TWIN OAKS, NAPA	2/14/11	1/8/11	9/27/11	7/15/1
33	Complete	30761621	OC1 GREPL 6"STLHP TUNNEL AVE SF/BRISBANE	8/16/10	£	L	12/24/1
34	Complete	30758821	OC1 INSTLL 400" PL AND ABANDON DR STN 2	3/7/11	10/7/10	l	5/13/1
35	Complete	30766290	OC2 2010 INST ANODES (15) FRESNO DIVISN	12/9/10	5/12/10	4/27/11	3/1/1
36	Complete	30767106	OC4 GP LAKESIDE VILLAGE MHP MAIN, FOLSO	1/3/11	6/1/10	L	6/30/1
37	Complete	30805155	GP 214 E OLIVE AVE FRESNO	10/15/10	9/24/10	10/26/11	12/3/1
38	Complete	30755040	GRANTLINE & L-2	8/2/10	3/26/10	10/6/10	10/2/1
39	Complete	30759573	OC1 GREPL MAIN CASITAS & CRESTA VISTA,	1/3/11	6/2/10	6/30/11	7/1/1
40	Complete	30787989	OC1 INST DUAL DR. STATION OSGOOD RD. FRE	8/23/10	10/19/10	8/31/11	2/11/1
41	Complete	30813051	OC4 GP REPL MAIN BRIDGEWY BRDWLK SAUSALT	8/8/11	1/25/11	12/21/11	8/31/1
42	Complete	30806816	OC1 R4E G GPRP SAN BRUNO, SF	12/1/10	12/1/10	9/22/11	9/17/1
43	Complete	30808260	OC1 G GPRP BAYVIEW 3, SAN FRANCISCO	1/3/11	1/3/11	7/19/11	12/22/1
44	Complete	30808157	OC1 G GPRP SOUTH VALENCIA 5, SAN FRANCIS	1/3/11	12/29/10	1/5/12	12/29/1
45	Complete	30808096	OC1 G GPRP SUNSET 3, SF	1/3/11	1/3/11	9/22/11	12/30/1
46	Complete		OC1 G GPRP OCEANVIEW, SAN FRANCISCO	1/3/11 10/25/10		9/15/11	12/22/1 4/9/1:
47	Complete	A	OC1 GPRP CAPITOL 3, SAN FRANCISCO OC1 R2L GP WINDSOR, ALAMEDA GPRP	7/5/10	6/2/11	8/18/11 10/25/11	11/10/1
48	Complete Complete	30806817	OC1 GPRP MISSION DISTRICT3, SAN FRANC	12/17/10	12/16/10	10/25/11	8/12/1
50	Complete	30835636	OC4 GD GPRP FIRST ST WEST, SONOMA	4/4/11	4/4/11	5/23/11	5/18/1
51	Complete	30806814	OC1 G GPRP OXFORD, SF	12/10/10	11/17/10	9/15/11	12/22/1
52	Complete	30806806	OC1 M027972GPRP OUTER MISSION 2	1/3/11	11/22/10	9/23/11	9/30/1
53	Complete	30804481	OC1 GPRP 25TH ST SPOT MAIN, SAN FRAN	1/25/11	2/22/11	5/10/11	4/15/1
54	Complete	30792458	OC2 GP WEST MODESTO GPRP - PHASE 1	7/18/11	7/14/11	12/27/11	11/4/1
55	Complete	30821410	OC1 G GPRP JOOST, SF	6/24/11	7/5/11	1/5/12	3/27/1
56	Complete	30807801	OC1 G GPRP SUNSET 2, SF	1/3/11	1/3/11	6/9/11	12/30/1
57	Complete	30829620	OC1 M GPRP - CONGO 1 - SF	6/15/10	6/3/11	1/17/12	12/23/1
58	Complete	30821199	OC1 G GPRP OLMSTEAD, SF	7/12/11	7/11/11	12/15/11	12/30/1
59	Complete	30815779	OC1 G GPRP HOLLYPARK 1 (100 APPLETON AVE	1/3/11	12/10/10	7/11/11	3/31/1
60	Complete	30808590	OC1 GPRP MISSION DISTRICT4, SAN FRAN	2/22/11	4/18/11	1/4/12	10/14/1
61	Complete	30808261	OC1 5R4E G GPRP 18TH ST, SAN FRANCISCO	1/3/11	2/11/11	1/3/12	12/22/1
62	Complete	30821601	OC1 R1 E G GPRP BERNAL HEIGHTS, SF	6/6/11	6/9/11	12/6/11	1/12/1
63	Complete	30796765	OC1 HOOVER GPRP (2011 CRITICAL PROJECT)	7/18/11	6/7/11	12/19/11	12/14/1
64	Complete	30757861	R2 INST 17000 FT OF 8" PL MAIN FRESNO	6/28/10	6/28/10	1/10/11	1/6/1

TABLE 7-2 PACIFIC GAS AND ELECTRIC COMPANY STATUS OF CAPITAL PROJECTS (CONTINUED)

				Planned	Actual	Actual	Forecasted
Line No	Project Status	Order Number	Project Name	Construction Start Date	Construction Start	Construction Finish Date	
65	Complete	30835701	OC4 GPRP GROVE HILL AVE, SAN ANSELMO	8/1/11	7/25/11	10/11/11	10/28/1
66	Complete	30649246	OC1 GPRP BALBOA TERRACE, SAN FRANCISCO	5/28/10	11/17/09	12/9/10	12/31/10
67	Complete	30801105	OC2 G HAROLD AVE GPRP, SJ	7/5/11	9/21/10	10/31/11	8/22/1
68	Complete	30807391	HUNTINGTON & 5TH 2011 GPRP FRESNO	12/13/10	12/11/10	8/17/11	11/11/1
69	Complete	30829626	OC1 E G GPRP OCEAN AND PLYMOUTH, SF	3/10/11	3/14/11	5/9/11	8/26/1
70	Complete	30674899	OC1 G GPRP SAINT FRANCIS 4, SF	7/1/10	4/27/10	3/10/11	12/31/1
71	Complete	30826696	OC4 GD GPRP WEST AND VARIOUS, PETALUMA	10/10/11	4/27/11	12/27/11	12/29/1
72	Complete	30668852	GPRP:LOCUST&WASHINGTON, LODI PHAS	12/6/10	12/28/09	12/9/11	5/13/1
73	Complete	30674922	OC1 G GPRP GEARY 4 SAN FRANCISCO	5/10/10	5/14/10	3/1/11	7/18/1
74	Complete	30736194	OC1 GPRP REDWOOD CITY	9/1/10	2/5/10	5/16/11	05/13/1
75	Complete	30753677	OC1 G GPRP BAYVIEW 2 SAN FRANCISCO	7/1/10	7/14/10	1/12/11	01/31/1
76	Complete	30754768	OC1 G GPRP STAPLES SAN FRANCISCO	7/19/10	7/21/10	1/14/11	12/14/1
77	Complete	30754774	OC1 G GPRP HOLLY PARK 1 SF	8/2/10	8/5/10	1/31/11	03/31/1
78	Complete	30737244	OC4 GPRP SANTA MARGARITA, SAN RAFAEL	9/1/10	8/17/10	10/29/10	10/29/10
79 80	Complete	30737291	OC4 GPRP I STREET PETALUMA	6/15/10	2/27/10	2/11/11	11/30/1
	Complete	30741372	OC2 GPRP THIRD STREET OAKDALE PHASE 2	8/2/10	J		
81 82	Complete Complete	30822326 30809059	OC1 E GPRP WOOD, SF OC2 INSTALL(10) DEEPWELLS KERN-VARS LOC	12/13/10 8/15/2011	9/20/11	1/27/12 1/27/2012	02/02/1: 9/30/201
83	Complete	30757362	OC2 INSTALL(10) DEEPWELLS KERN-VARS LOC	11/1/10	9/9/10	1/27/2012	11/26/1
84	Complete	30760327	OC1 REPL 700' OF 2" WITH 2"PL ESPL. PAC	9/13/10	9/9/10	11/17/10	11/12/1
85	Complete	30616130	OC4 GP PRP ELIZABETH @ MASON, VACAVILLE	9/1/10	9/13/10	1/26/11	12/31/1
86	Complete	30742231	OC2 MERCED PHASE 3 RELIABILITY	11/8/10	1	£	
87	Complete	1	OC2 REPL. MAIN HEIGHT& BERKELEY ST, BAK.	11/1/10	ž		12/31/1
88	Complete	30680560	G S 12TH & S 13TH ST, SAN JOSE GPRP	7/1/09	4/2/09	3/8/10	1/1/10
89	Complete	30616128	OC4 G PRP DOBBINS @ KENDAL, VACAVILLE	7/26/10	7/26/10	12/3/10	10/15/1
90	Complete	30784111	OC2 CAPACITY INCREASE HARLAN RNCH CLOVIS	9/1/2010	J	3/17/2011	11/16/201
91	Complete	30762994	OC4 GD CAPACITY CENTRAL AVE MCKINLEYVIL	10/5/2010	9/3/2010	10/28/2010	L
92	Complete	30749119	GPCAPACITY:6"HP PARALLEL MAIN MODESTO	7/2/2010	7/8/2010	11/1/2010	11/1/201
93	Complete	30477107	INST 900' 8"STL,INDUSTRIAL WY, BENICIA	2/7/2006	2/7/2006	12/3/2008	1/11/200
94	Complete	30750011	OC2 WEST FRESNO GPRP 2010	6/30/2010	3/2/2010	11/15/2011	12/30/2010
95	Complete	30857635	G REPL MAIN - SOUTH VALENCIA 5, SF	6/16/2011	12/31/2012	1/5/12	12/29/201
96	Complete	30864808	G GPRP JOOST MWC 50 WORK, SF	7/22/11	12/31/12	1/5/12	12/30/1
97	Complete	30864810	G GPRP BERNAL HEIGHTS MWC 50 WORK, SF	7/22/2011	12/31/2012	12/6/11	12/30/201
98	Documentation	30806568	OC1 GP ZINNDR, OAKLAND MAIN REPLACEMENT	9/26/11	9/21/11	12/14/11	11/18/1
99	Documentation	30810993	OC4 RPLMAIN-DUTCH LN & BRAND LN, PENNGRO	10/3/11	5/18/11	11/7/11	11/23/1
100	Documentation	30812259	REBUILD MARSHALL DRIVE DR STATION	6/13/11	2/8/11	11/20/11	8/19/1
101	Documentation	30808140	OC1 G GPRP PERSIA, SAN FRANCISCO	1/3/11	1/10/11	1/20/12	12/16/1
102	Documentation	30812536	OC1 REDWOOD CITY GPRP 2 (2011 CRITICAL	5/23/11	4/12/11	1/21/12	12/29/1
103	Documentation	30822277	GPRP CORBETT, SAN FRANCISCO	8/22/11	8/19/11	12/27/11	12/22/1
104	Documentation	30847079	R6 HPR-AC 11000' 6" PL MAIN, HEGAN,CHICO	9/5/2011	7/7/2011	1/17/2012	12/30/201
105	Documentation	30755086	ORB-01 12TH & ORO DAM, OROVILLE	8/1/11	8/19/10	10/17/11	09/30/1
106	Documentation	30850391	TURNER & DE VRIES OC1 G REBUILD DR STA CRESCENT DR CONC	10/31/2011	11/3/2011	1/23/2012	12/30/201
107	Documentation	30757351	I	9/7/2010	7/22/2010	11/17/2011	11/1/201
108 109	Documentation Documentation	30843654 30847284	DE VRIES S/O KINGDON GRANTLINE W/O BANTA	8/8/2011	7/30/2011	12/6/2011 12/6/2011	12/30/201 11/18/201
110	Documentation		ORCHARD E/O DUSTIN LODI				
111	Documentation	l	CONVERT JAHANT RD DFM TO DISTRIBUTION	9/12/2011	9/26/11	1/5/12	
112	Documentation	30758392	A-03 ALMA & OREGON SILLER FILTER	7/12/10	8/4/10	12/15/11	08/19/1
113	Documentation	30851959	GP DOWNRATE MN HALL RD, ESCALON 31 HPR	10/24/11	10/28/11	1/20/12	01/06/1
114	Documentation	30851916	GP INST MN PAULINE AVENUE MODESTO	8/29/11	8/20/11	11/14/11	10/28/1
115	Documentation	<u> </u>	HWY 99 & ARCHER AV REPL 6 HPR W/2"PL	9/5/11	11/9/11	1/18/12	12/31/1
116	Documentation	30804511	REPL LP GPRP 14TH & H, MARYSVILLE	4/4/11	2/22/11	1/3/12	12/30/1
117	Documentation	30760406	FRENCH BAR, HWY 49 TO PERRY, JACKSON	7/11/11	10/12/10	10/24/11	09/09/1
118	Documentation	30784976	REBLD DR L-38, BROWN &VAN NESS, FRES	9/1/11	8/10/11	12/8/11	10/31/1
119	Documentation	30822379	G ST. BTWN 24TH & 29TH ST. REPL 1 90	10/3/11	5/2/11	12/28/11	12/30/1
120	Documentation	30826697	GD REBUILD DR#733, LAWNDALE, KENWOOD *GC	8/8/11	5/2/11	1/13/12	11/10/1
121	Documentation	30795318	RED BLUFF LP CAPACITY	7/5/11	8/26/11	1/5/12	10/30/1
122	Documentation	30758394	A-10 JUNIPERO & ARASTRADERO BLOCK VALVE	12/6/10	11/15/10	11/16/11	01/26/1
123	Documentation	30795703	RED BLUFF GPRP CEDAR & JACKSON	7/11/11	7/11/11	11/10/11	10/14/1
124	Documentation	30741815	OC1 A89 CHRISTIAN & RALSTON, BELMONT	6/27/2011	2/12/2010	1/14/2012	12/31/201
125	Documentation	30805685	GPRP - 32ND ST. @ 12TH TO 14TH AVE,	4/1/11	2/8/11	12/15/11	12/30/1
126	Documentation	30806906	GPRP - 19TH & FRANKLIN BLVD, SAC	6/1/2011	10/10/2011	1/3/2012	12/20/201
127	Documentation	30807430	HUNTINGTON & 8TH GPRP 2011 FRESNO	6/1/2011	4/13/2011	12/22/2011	11/25/201
400	Documentation	30808712	HUNTINGTON & TULARE 2011 GPRP FRESNO	7/1/2011	3/3/2011	1/18/2012	9/18/201
128 129	Documentation	<u> </u>	BERKELEY GPRP - PHASE 2: PRINCE/TELEG	3/28/2011	11/19/2010	10/24/2011	10/21/20

TABLE 7-2 PACIFIC GAS AND ELECTRIC COMPANY STATUS OF CAPITAL PROJECTS (CONTINUED)

		Order		Planned	Actual Construction	Actual	Forecasted
Line No	Project Status	Number	Project Name	Start Date	Start	Finish Date	
130	Documentation	30835973	INSTALL NEW DIST REG AIRPORT/ RANCH	8/1/11	10/17/11	1/18/12	12/30/1
131	Documentation	30762887	R2L REPL VALVES STHP-24, FRESNO & NAVY	5/16/2011	10/14/2010	8/17/2011	7/29/201
132	Documentation	30785447	OC4 GR-UPGRADE R585-BROADWAY&MACARTHUR,S	3/1/12	6/23/11	1/18/12	03/31/1
133	Documentation	30798920	REBLD DR MRC-13 AS DUAL RUN, WHEATLA	8/19/2011	3/10/2011	1/9/2012	12/31/201
134	Documentation	30806913	GP LAKES SIDE VILLAGE MHP SVCS FOLSOM	11/15/2010	1	6/16/2011	6/30/20
135	Documentation	30823128	GD RELI-MS NARROWS B2 (KASTANIA),PETA	8/15/2011	10/24/2011	1/11/2012	12/29/201
136	Documentation	30846074	GP HAZEL AVE BETW. GREENBACK & FORTUNA	5/16/2011	4/29/2011	8/24/2011	5/20/20
137	Documentation	30879874	CIRBY WAY EAST OF RIVERSIDE, ROSEVILLE	9/12/2011	J	11/4/2011	11/3/20
138	Documentation	30774980 30679552	D-S REBUILD DR-56 WONDERLND, MTN GAT OC4 G RM SHORT ST., VALLEJO	5/23/2011	5/17/2011	9/22/2011	6/17/201
139 140	Documentation	30716113	P1-GP 3710 GROSS RD CAPITOLA	9/1/2010	10/20/2011 7/25/11	1/10/2012 9/6/11	10/28/201 08/05/1
141	Documentation Construction	30833648	OC1 DOLORES MFRP, SF	9/12/11	3/7/11	1/23/12	12/30/1
142	Construction	30746089	PH 1 BERRYESSA RD SAN JOSE GPRP2010	11/22/10	12/21/09	3/28/11	3/21/1
143	Construction	30755085	OC4 ORB-006 MYERS & IDORA RBLD, OROVILLE	2/8/2010	2/8/2010	3/20/11	7/20/201
144	Construction	30873243	RPLC 900' 4"STL W / 6" PL SANTA RITA RD.	10/31/2011	10/31/2011		10/8/201
145	Construction	30814788	MODESTO RELIABILITY PHASE 1 - MODESTO	4/25/2011	4/27/2011		5/31/201
146	Construction	30803970	12 REPL U25 REG STA / UKIAH	2/1/2012	4/8/2011		3/29/201
147	Construction	30790567	GP RCB-83 63RD & HOLLIS ST EMERYVILLE	10/4/2011	8/2/2011		11/18/201
148	Construction	30787993	NEW REG STATION - POWER INN & CUCAM	8/1/2011	12/6/2010		11/16/201
149	Construction	30742044	RH-18, PANAMA & HESPERIAN REG. STA.	1/31/2011	2/2/2010		10/20/201
150	Construction	30741812	C45 STANFORD-WELLESLEY FILTER, RTA	9/1/2011	2/12/2010		12/2/201
151	Construction	30754754	OC4 R-003 ORLAND TERTIARY RBLD, WOODWAR	11/1/2010	9/2/2010		1/28/201
152	Construction	30679554	G RM PACIFIC AVE., SANTA ROSA	2/1/2012	12/16/2011		3/30/20
153	Construction	30767694	R7 RC REBUILD REGULATOR STA R13 / EUREKA	8/1/2012	11/10/2010		8/31/201
154	Construction	30774574	LH D-S BLCKVLV, DR93 MAPLELEAF RELOCATE	5/2/2011	6/10/2011		10/7/201
155	Construction	30790056	R2 EMERSON AVE, TRACY AVE. TO WALL AVE.	7/2/2012	3/31/2011		10/12/201
156	Construction	30840378	RBUILD REG STN RC-03;CYN RD@SUNSET,LB	1/9/2012	1/9/2012		3/9/201
157	Construction	30714400	R1 GP CARLSON & ADAMS ALBANY REPLACE REG	10/25/2010	5/4/2010		10/29/201
158	Construction	30852023	GP INST MN SANTA FE CENTRAL AV RVB 21	9/6/2011	8/11/2011		1/6/201
159	Construction	30822273	E G GPRP CROWN TERRACE, SAN FRANCIS	11/1/2011	11/29/2011		3/30/201
160	Construction	30676477	INSTALL DRS JUNIPERO SERRA STANFORD.	10/1/2011	9/4/2009		12/30/201
161	Construction	30823194	OC1 M GPRP CRESCENT 3, SAN FRANCISCO	2/14/2011	4/26/2011		10/21/201
162	Construction	30811006	G INST 1400' 4" PL, MNTGUE, BSSET, SC	10/3/2011	1/12/2012		3/22/201
163	Construction	30829811	GPRP OUTER MISSION 3	11/1/2011	11/21/2011		4/30/201
164 165	Construction	30829813	G GPRP MONTEREY 5, SAN FRANCISCO	9/26/2011	8/27/2011 4/22/2011		1/31/201
166	Construction Construction	30843241 30822328	GPRP KING AVE, NAPA E G GRPR HOLLY PARK 2	7/18/2011	9/2/2011		1/16/20 6/29/201
167	Construction	30850390	E TURNER & RAY	11/21/2011	12/8/2011		2/16/201
168	Construction	30847285	GRANTLINE E/O MAC ARTHUR	9/5/2011	10/20/2011		12/31/201
169	Construction	30852116	HPR PROJECT- SAN JUAN ROAD, AROMAS	10/3/2011	10/27/2011		1/17/201
170	Construction	30848926	HPR PROJECT: ARCHER ROAD, SALINAS	9/26/2011	7/27/2011		12/9/201
171	Construction	30877576	R* NORTHPOINT ALDYL-A REPL PHASE 1	9/23/2011			3/31/20
172	Construction	30524499	GP CITY OF SC PHASE 3 GPRP-THEALAMED	1/7/2008	J		11/6/20
173	Construction	30833652	GPRP - SPOT MAIN - BEALE ST., SF	8/22/2011	£		12/29/20
174	Construction	30784477	CSM CAPACITY - INSTALL 850' OF 6" PL	8/15/2011	8/18/2011		9/15/201
175	Construction	30820278	G GPRP BALBOA PARK 4, SF	4/12/2011	4/27/2011		12/30/201
176	Construction	30813671	REBUILD VICTORY DR STATION	6/6/2011	4/28/2011		10/28/201
177	Construction	30811188	4,200FT 6" PL MAIN INST. VALLEY AV.PL	9/1/2011	12/12/2011		2/2/201
178	Construction	30749118	GPCAPACITY:6"HP PARALLEL MAIN OAKDALE	4/4/2011	9/26/2011		11/9/201
179	Construction		E 3RD AVE 6" MAIN INSTALL	9/12/11	10/6/11		10/31/1
180	Construction		GP INSTMN EAST WHITMOREHUGHSON	9/6/11	9/2/11		01/13/
181	Construction		GP INST MN GEER RD,TURLOCK, 25 HP	10/10/11	10/12/11		01/19/1
182	Construction	L	G PARK AVENUE GPRPSAN JOSE	10/25/2010	I		12/3/201
183	Construction	30801106	G COTTLE & CAMINO PBLO GPRP, SJ	9/9/2011	9/21/2010		1/25/201
184	Construction	L	G HPR REPLMNT-DIANAAVE E/O 101 MH-6"PL	7/25/11	L		12/30/
185	Pre-construction	30753589	R6 GD REBUILD RED BLUFF DR 103	11/1/2011	1/24/2012		3/31/20
186	Pre-construction	30877577	R1 NORTHPOINT ALDYL-A REPL PHASE 2	11/28/2011	12/31/2012		6/29/20
187	Pre-construction	30827449	R4E GPRP OLIVE BTWN HICKORY & L ST, DAV	5/1/2012	12/31/2012		7/31/20
188	Pre-construction	30835514	GPRP MIRABEL & RAINBOW, MILL VALLEY	7/2/2012	1		8/31/20
189	Pre-construction		R4 GPRP RICE LN & EAST WARD, LARKSPUR	3/1/2012			4/2/20
190	Pre-construction	30790929	MCALLEN FROM WILSON TO HOLMAN	8/29/2011	1/3/2011		6/29/20
191	Pre-construction	30826505	G REBUILD RHEEM DR STATION, MORAGA	2/6/2012	3/3/2011		3/30/20
192 193	Pre-construction	30755087	ORB-38, E. GRIDLEY RD, GRIDLEY	5/30/2011	5/24/2011		5/25/201
	Pre-construction	30799615	R4 E REBUILD DR MRC-10, OLIVEHRST	4/16/2012	3/4/2011		6/29/201

TABLE 7-2 PACIFIC GAS AND ELECTRIC COMPANY STATUS OF CAPITAL PROJECTS (CONTINUED)

				Planned	Actual	Actual	Forecasted
Line No	Project Status	ject Status Order Project Name	Project Name	Construction	Construction	Construction	Construction
Line ivo			Troject Name	Start Date	Start	Finish Date	Finish Date
195	Pre-construction	30788198	R2 PARALLEL 4" PL MAIN, MARIPOSA WAY	3/1/2012	9/15/2010		5/4/2012
196	Pre-construction	30759876	R2 G REBUILD GOLF CLUB DR, PLEAS	7/1/2011	12/31/2012		9/16/2011
197	Pre-construction	30784977	R2 REPLCE (16) CAT PROTECT ANODES FRESNO	11/3/2011	3/17/2011		12/30/2011
198	Pre-construction	30862558	LK 4011201471 RML GOODHILL RD KENTFIELD	7/13/2011	7/11/2011		12/30/2011
199	Pre-construction	30848824	GP UPGRADE EUREKA LP SYSTEM / PH1	4/1/2012	8/15/2011		8/31/2012
200	Pre-construction	30761915	P RM REPL CRK CROSSING, LUCAS VLY RD	7/5/2011	12/31/2012		9/23/2011
201	Design	30883821	GR MARKET ST (5TH TO GRANT) LP TO HP	6/1/12	12/29/11		03/30/13
202	Design	30835391	R7 GPRP RUTHERFORD AVE, SAN ANSELMO	5/1/12	12/31/12		07/27/12
203	Design	30871984	P1 VINEYARD VLY MBLE HOME PK., ST HELENA	3/1/12	9/23/11		12/31/12
204	Design	30841763	INSTALL REMOTE CP YOLO	3/21/11	12/31/12		03/24/11
205	Cancel	30820364	R4 G GPRP ATHENS, SF	7/18/2011	1/5/2011		11/30/2011

8. Completed Capital Project Cost

Request

Total costs of each completed capital project.

Response

The 97 capital projects that were completed from January 1 to December 31, 2011, are listed in Table 8-1. As explained previously, a project is considered complete when construction is complete, documentation is complete, and labor charges are no longer expected.

TABLE 8-1 PACIFIC GAS AND ELECTRIC COMPANY COSTS FOR COMPLETED PROJECTS (IN THOUSANDS OF 2011 DOLLARS)

Line No.	Order			2011 Total		Cost Since Inception Ending 12/31/2011		
1	30820811	OC1 MAINREINFORC - STONE VLLYRD., ALAM	\$	785	\$	785		
2	30813057	OC4 G RM REPL MAIN, ORANGE AVE, NOVATO	\$	392	\$	411		
3	30616128	OC4 G PRP DOBBINS @ KENDAL, VACAVILLE	\$	24	\$	489		
4	30616130	OC4 GP PRP ELIZABETH@ MASON, VACAVILLE	\$	63	\$	718		
5	30616134	OC1 G BERKELEY GPRP - PH 1: ASHBYUPRATE	\$	166	\$	1,703		
6	30649246	OC1 GPRP BALBOATERRACE, SAN FRANCISCO	\$	20	\$	2,088		
7	30668852	GPRP:LOCUST&WASHINGTON,LODI PHAS	\$	980	\$	1,478		
8	30674899	OC1 G GPRP SAINT FRANCIS 4, SF	\$	88	\$	1,609		
9	30674922	OC1 G GPRP GEARY4 SAN FRANCISCO	\$	82	\$	4,099		
10	30680560	G S 12TH & S 13TH ST, SAN JOSE GPRP	\$	19	\$	1,202		
11	30736194	OC1 GPRP REDWOOD CITY	\$	160	\$	1,440		
12	30737244	OC4 GPRP SANTAMARGARITA, SAN RAFAEL	\$	34	\$	388		
13	30737291	OC4 GPRPISTREETPETALUMA	\$	85	\$	1,073		
14	30741372	OC2 GPRP THIRD STREET OAKDALEPHASE 2	\$	35	\$	754		
15	30750011	OC2 WEST FRESNO GPRP 2010	\$	161	S	2.228		
16	30753677	OC1 G GPRP BAYVIEW 2 SAN FRANCISCO		264	\$	2,951		
17	30754768	OC1 G GPRP STAPLES SAN FRANCISCO	- - -	239	\$	1,439		
18	30754774	OC1 G GPRP HOLLY PARK 1 SF		334	Š	3,242		
19	30792458	OC2 GP WEST MODEST OG PRP - PHASE 1	\$	593	\$	597		
20	30793853	OC2 REPL. MAINHEIGHT & BERKELEYST, BAK.	+ \$	24	\$	332		
21	30796765	OC1 HOOVER GPRP (2011 CRITICAL PROJECT)		692	\$	693		
22	30801105	OC2 G HAROLD AVEGPRP. SJ		381	\$	381		
23	30804481	OC1 GPRP 25TH ST SPOTMAIN, SAN FRAN		410	\$	41		
24	30806806	OC1 M027972GPRP OUTER MISSION2		2,188	\$	2,468		
25	30806814	OCT G GPRP OXFORD.SF	+ \$	3,555	\$	3,753		
26	30806816	OCT R4E G GPRP SAN BRUNO, SF	\$	1,718	\$	1.948		
27	30806817	OCT GPRP MISSIONDISTRICT 3, SAN FRANC		2,648	\$	2,997		
28	30807391	HUNTINGTON & 5TH 2011 GPRP FRESNO	- S	1,305	ş S	1,315		
29	30807801	OCTG GPRP SUNSET 2, SF	\$	3.054	\$			
	l	· ·	1 "		\$	3,055		
30	30807861	OC1 GPRP CAPITOL3, SAN FRANCISCO	\$	3,654	\$	3,910		
31	30807977	OC1 G GPRP OCEANVIEW, SAN FRANCISCO		2,689		2,690		
32	30808096	OC1 G GPRP SUNSET 3, SF	\$	3,591	\$	3,593		
33	30808157	OC1 G GPRP SOUTH VALENCIA5, SAN FRANCIS	\$	1,072	\$	1,078		
34	30808260	OC1 G GPRP BAYVIEW 3, SAN FRANCISCO	\$	2,373	\$	2,377		
35	30808261	OC1 5R4E G GPRP 18TH ST, SAN FRANCISCO	\$	3,665	\$	3,665		
36	30808590	OC1 GPRP MISSIONDISTRICT 4, SAN FRAN	\$	3,501	\$	3,501		
37	30814275	OC1 R2L GP WINDSOR, ALAMEDAGPRP	\$	959	\$	960		
38	30815779	OC1 G GPRP HOLLYPARK 1 (100 APPLETONAVE	\$	358	\$	489		
39	30821199	OC1 G GPRP OLMSTEAD,SF	\$	1,416	\$	1,416		
40	30821410	OC1 G GPRP JOOST,SF	\$	1,766	\$	1,766		
41	30821601	OC1 R1 E G GPRP BERNAL HEIGHTS, SF	\$	1,362	\$	1,362		
42	30822326	OC1 E GPRP WOOD, SF	\$	1,397	\$	1,397		
43	30826696	OC4 GD GPRP WEST AND VARIOUS, PETALUMA	\$	408	\$	408		
44	30829620	OC1 M GPRP - CONGO 1 - SF	\$	1,652	\$	1,652		
45	30829626	OC1 E G GPRP OCEAN AND PLYMOUTH, SF	\$	501	\$	50		
46	30835636	OC4 GD GPRP FIRST ST WEST, SONOMA-	\$	384	\$	384		
47	30835701	OC4 GPRP GROVEHILL AVE, SAN ANSELMO	\$	625	\$	625		
48	30676310	OC1 TOWER ROAD HPR TO DRS	\$	70	\$	45		
49	30676390	OC1 SHOREWAYDR BELMONT	\$	402	\$	539		
50	30817657	OC2 G ABNDN HPR STN DIANAAVE & LOTUS MH		455	\$	455		
51	30844564	OC2 GP HPR SNEDIGARRD, RIVERBANK	\$	458	\$	458		
52	30850389	+AVED & TWORIVERS+	\$	447	\$	44		
53	30477107	INST 900' 8"STL,INDUSTRIALWY,BENICIA+	\$	15	\$	990		
54	30675123	OC2 G 1.270-FT4"PL:GREATAMERICAPKWY.SC	\$	94	\$	28		
55	30740781	OC4 VACAVLY& SHELTER COVE - INSTLR		184	\$	419		
	JU/4U/01	I OUT AVORATIO SHEFTER COAE, INSTER	1 0	104	(ک	413		

TABLE 8-1 PACIFIC GAS AND ELECTRIC COMPANY COSTS FOR COMPLETED PROJECTS (IN THOUSANDS OF 2011 DOLLARS) (CONTINUED)

Line No.	Order	Order Project Description		1 Total	Cost Since Inception Ending 12/31/2011	
57	30747707	OC1 DUBLIN BLVD DUBLIN INSTALL 4100 FT O	\$	141	\$	1,186
58	30749119	GPCAPACITY:6"HPPARALLELMAINMODESTO	\$	31	\$	771
59	30757861	R2 INST 17000 FT OF 8" PL MAINFRESNO	\$	78	\$	1,857
60	30762994	OC4 GD CAPACITYCENTRAL AVEMCKINLEYVIL	\$	18	\$	521
61	30783042	OC1 BOW DR. & CRESTVIEWDR.	\$	566	\$	576
62	30783043	OC1 CORDILLERAS REDWOOD CITY	\$	397	\$	458
63	30784111	OC2 CAPACITYINCREASE HARLAN RNCH CLOVIS	\$	25	\$	571
64	30786843	OC1 RH-06-INSTALLDR.ST. VERMONT& "B" S	\$	141	\$	1,015
65	30787989	OC1 INST DUAL DR. STATIONOSGOODRD. FRE	\$	419	\$	836
66	30789549	OC1 BYRON MAINEXTENSION- BIXLERRD BYR	\$	822	\$	833
67	30797133	OC4 G CAP_REG 118 REBUILD_YOUNTVILLE	\$	559	\$	568
68	30797736	+LOCUST, LEE TO SACRAMENTO,LODI+	\$	332	\$	338
69	30798844	OC4 INST. 1050' OF 6" PL, ELM ST, LIVE	\$	292	\$	300
70	30810188	OC4 REBLD DR MRC-12,1ST & E ST, WHEAL	\$	634	\$	645
71	30810379	OC1 STONERIDGEDR PLEASANTON	\$	242	\$	242
72	30848181	OC4 GP REPL 2300' MN, 1500 KIRK, GRIDLE	\$	353	\$	353
73	30692911	OC1 G REBUILD CORNWALL DR STN, PITTSBUR	\$	28	\$	485
74	30712896	GP7TH ST & HENSLEY, RICHMOND	\$	303	\$	370
75	30714055	OC4 ROSEVILLE& BUTTERNUT (A-62) REG RPL	\$	43	\$	396
76	30742231	OC2 MERCED PHASE 3 RELIABILITY	\$	281	\$	364
77	30751625	OC4 GP RM REPL HWY CROSSING, MAGAZINEST	\$	50	\$	626
78	30755040	GRANTLINE& L-2 +	\$	16	\$	793
79	30756701	9TH & LINCOLN, STOCKTON	\$	455	\$	597
80	30757362	OC1 G DR STATIONCARION CT PITTSBURG	\$	9	\$	262
81	30758821	OC1 INSTLL 400" PL AND ABANDONDR STN 2	\$	279	\$	292
82	30759573	OC1 GREPL MAINCASITAS& CRESTAVISTA,	\$	638	\$	656
83	30759576	OC1 G REPL R-11 DEWEY& LAGUNAHONDA, SF	\$	621	\$	941
84	30760327	OC1 REPL 700' OF 2" WITH 2"PL ESPL. PAC	\$	36	\$	244
85	30761621	OC1 GREPL 6"STLHP TUNNEL AVESF/BRISBANE	\$	122	\$	793
86	30762547	OC4 G GREPLACEREG STAR42 / DEPOTST /	\$	201	\$	370
87	30766290	OC2 2010 INSTANODES (15) FRESNO DIVISN	\$	363	\$	434
88	30767106	OC4 GP LAKESIDE VILLAGEMHP MAIN, FOLSO	\$	1,017	\$	1,185
89	30784975	OC2 RBLD DR D-36, WEBER & FARRINGTON, FR	\$	313	\$	313
90	30790051	OC2 HARDING WY, SAN JUAN AVETO ABBYCT+	\$	253	\$	253
91	30805155	GP 214 E OLIVEAVEFRESNO	\$	279	\$	440
92	30809059	OC2 INSTALL (10) DEEPWELLS KERN-VARSLOC	\$	219	\$	219
93	30813051	OC4 GP REPL MAINBRIDGEWYBRDWLK SAUSALT	\$	191	\$	191
94	30827211	OC4 GP RM BUHMAN & TWIN OAKS, NAPA	\$	1,363	\$	1,363
95	30857635	G REPL MAIN- SOUTH VALENCIA5, SF	\$	288	\$	288
96	30864808	G GPRP JOOSTMWC 50 WORK, SF	\$	2,503	\$	2,503
97	30864810	G GPRP BERNAL HEIGHTS MWC 50 WORK, SF	\$	879	\$	879

Comparability of Actual Costs and Settlement Agreement Allocations Request

Reported actual costs should be directly comparable to amounts approved in the Settlement Agreement. Identify whether any reported amounts include Administrative and General (A&G) expenses, indirect and/or overhead costs and, if so, show these amounts.

Response

All actual costs set forth in this report are directly comparable to amounts set forth in the Settlement Agreement. Tables 9-1 and 9-2 show the payroll taxes and benefits for expense MWCs and Capitalized A&G for capital MWCs, respectively.

TABLE 9-1
PACIFIC GAS AND ELECTRIC COMPANY
A&G AND TAXES IN EXPENSE
RECORDED PAYROLL TAXES AND BENEFITS BY MWC
(IN THOUSANDS OF 2011 DOLLARS)

MWC	MWC Description	E	M&O xpense	ayroll Taxes	В	Benefits		2011 Total	
DE	Leak Survey	\$	16,849	\$ 968	\$	2,298	\$	20,115	
DF	Locate & Mark - G&E	\$	22,762	\$ 1,314	\$	3,151	\$	27,227	
DG	Cathodic Protection	\$	12,125	\$ 532	\$	1,316	\$	13,973	
EX	Meter Protection-Inspect&Corr	\$	420	\$ 16	\$	50	\$	486	
FG	Opr Distribution Sys - Gas	\$	3,514	\$ 172	\$	432	\$	4,118	
FH	Preventive Maintenance Gas	\$	13,653	\$ 938	\$	2,275	\$	16,866	
FI	Perf Maint to Corr Fail - Gas	\$	32,506	\$ 1,564	\$	3,759	\$	37,828	
GF	Gas Dist Mapping	\$	763	\$ 56	\$	151	\$	970	
GG	Opr Distribution Sys - Gas Eng	\$	2,334	\$ 155	\$	517	\$	3,005	
JS	Gas Dist Integrity Management	\$	23,663	\$ 262	\$	774	\$	24,699	
KF	GT&D Impl Regulatory Change	\$	284	\$ 12	\$	27	\$	323	
	Total	\$	128,873	\$ 5,989	\$	14,749	\$	149,609	

TABLE 9-2
PACIFIC GAS AND ELECTRIC COMPANY
A&G TAXES IN CAPITAL
RECORDED CAPITALIZED A&G BY MWC
(IN THOUSANDS OF 2011 DOLLARS)

MWC	MWC Description	Ca _l	oitalized A&G	2011 Total		
14	G Dist Pipeline Repl Program	\$	9,250	\$	126,999	
27	Gas Meter Protection-Capital	\$	1	\$	9	
47	G Dist Capacity	\$	967	\$	12,521	
50	G Dist Reliability General	\$	4,885	\$	58,543	
52	G Dist Leak Repl/Emergency	\$	54	\$	505	
2J	GT&D Impl Regulatory Change	\$	26	\$	500	
2K	G Dist Repl/Convert Cust HPR	\$	1,277	\$	19,631	
	Total	\$	16,460	\$	218,708	

10. 2011 GRC Forecasted Capital Project Status

Request

Identify whether capital projects forecasted in Application 09-12-020 have been started, completed, remain to be undertaken (include anticipated start and completion date) or have been reprioritized. If reprioritized, provide the reasons for the reprioritization and the justification for the new project(s). Describe the new capital project(s) including estimated start and completion date. Discuss whether funding will be requested in a future rate case application for forecasted capital projects that were reprioritized and identify these projects.

Response

Table 10-1 provides the status of the safety, integrity and reliability-related capital projects forecasted in Application 09-12-020. The table shows (i) units of work (where applicable) and costs forecasted in the GRC, (ii) actual units of work undertaken (where applicable) and costs incurred for this reporting period, and (iii) an update on units of work completed and costs incurred for the period July 1-December 31, 2011, and the full year 2011.

TABLE 10-1 PACIFIC GAS AND ELECTRIC COMPANY SUMMARY GAS DISTRIBUTION CAPITAL PROGRAMS IN GRC FORECAST, ACTUALS AND YEAR END COMPARISON (IN THOUSANDS OF 2011 DOLLARS)

			20	11 (GRC Forec	ast	(1)		20	11 Budge	t			Actu	ual 7/1 - 12	2/31			2	011 Total	
Line				U	Init Cost	F	orecast		Un	nit Cost		Budget		Un	it Cost	A	Actuals		Uni	Cost	Actual
No.	Work Category	Unit of Measure	Units		(\$)		(\$)	Units		(\$)		(\$)	Units(2)		(\$)		(\$)	Units		(\$)	(\$)
1	GPRP	Ft of Main Installed	185,044	\$	472	\$	87,305	138,868	\$	513	\$	71,301	77,053	\$	503	\$	38,732	144,290	\$	519	\$ 74,868
2	CSRP	Services Replaced	6,500	\$	6,707	\$	43,595	7,707	\$	6,800	\$	52,406	4,365	\$	6,104	\$	26,642	7,402	\$	6,949	\$ 51,434
3	Plastic	Ft of Main Installed																1,498	\$	465	\$ 697
4	MWC 14 Total					\$	130,900				\$	123,707				\$	66,037		••••••		\$ 126,999
	Capacity Main	TO A STATE OF THE																			
5	Install	Ft of Main Installed	55,000	\$	151	\$	8,320	68,720	\$	127	\$	8,740	7,297	\$	610	\$	4,451	49,821	\$	164	\$ 8,148
	Capacity Reg																				
6	Station	Reg Station Installed	11	\$	338,182	\$	3,720	7	\$	414,286	\$	2,900	3	\$ '	1,019,645	\$	3,059	6	\$	699,320	\$ 4,196
7	Capacity Misc	N/A				\$	1,510				\$	360				\$	58				\$ 176
8	MWC 47 Total					\$	13,550				\$	12,000				\$	7,568				\$ 12,521
9	Main Replace	Ft of Main Installed	4,500	\$	493	\$	2,220	25,092	\$	493	\$	12,370	16,283	\$		\$	11,632	30,344	\$	532	\$ 16,128
10	Service Replace	Services Replaced	740	\$	8,533	\$	6,315	742	\$	8,533	\$	6,335	598	\$	8,796	\$	5,260	1,318	\$	8,824	\$ 11,630
11	Reg Station	Reg Station	24	\$	244,414	\$	5,866	109	\$	128,299	\$	13,985	30	\$	243,007	\$	7,290	59	\$	234,247	\$ 13,821
	Cathodic																				
12	Protection	N/A				\$	2,350				\$	2,608				\$	1,608				\$ 3,002
13	Overbuilds	N/A														\$	1,362				\$ 4,913
14	Miscellaneous (3)	N/A				\$	1,677				\$	3,092				\$	3,576				\$ 8,617
	Electronic Pres					***************************************															
15	Monitor (3)		220	\$	5,000	\$	1,100	0	\$	0	\$	0	7	\$	5,000			26	\$	5,000	
	CP Remote																				
16	Monitor (3)		1,723	\$	1,400	\$	2,412	300	\$	3,333	\$	1,000				\$	433				\$ 433
17	MWC 50 Total					\$	21,940				\$	39,390				\$	30,728				\$ 58,543
18		Services Relocated	76	\$	8,289	\$	630	40	\$	8,289	\$	332	0	\$	0	\$	9	0	\$	0	\$ 9
19	MWC 27 Total					\$	630				\$	332				\$	9				\$ 9
20	MWC 52 Total					\$	280				\$	702				\$	139				\$ 505
21	MWC 2J										\$	0				\$	434				\$ 500
	Cust High	Cust HPR																			
22	Pressure Reg	Replace/Remove						500	\$	30,000	\$	15,000	529	\$	35,691	\$	18,881	529	\$	37,109	\$ 19,631
23	MWC 2K Total										\$	15,000				\$	18,881				\$ 19,631
24	Total					\$	167,300				\$	191,131				\$	123,796				\$ 218,708

Notes:

- 1. 2011 GRC Forecast based on 2011 GRC Testimony Exhibit (PG&E-3) Chapter 19.
- 2. 2011 Actual Units are based on projects with completed documentation.
- 3. MWC 50 Miscellaneous includes various actual costs such as Electronic Pressure Monitoring and CP Remote Monitor.

In Application 09-12-020, PG&E forecasted the number of units it expected to complete within broad project categories, such as Gas Pipeline Replacement Program (GPRP) and Gas Distribution New Capacity. In total, PG&E spent over \$51 million more than the capital forecasted in Application 09-12-020 for gas distribution pipeline safety, integrity and reliability-related capital programs. Specifically, PG&E spent more on copper services, reliability main and service replacements, and regulator stations than forecasted. However, PG&E spent less than originally forecast on GPRP, Capacity, Electronic Pressure Monitoring, Cathodic Protection Remote Monitoring and Meter Protection. The variances between actual and forecast spend are further explained in detail below.

MWC 14 - Gas Pipeline Replacement Program. In PG&E's testimony in Application 09-12-020, PG&E stated: "The financial forecast for MWC 14 for the years 2011-2013 was developed assuming the continuation of the GPRP and CSRP [Copper Service Replacement Program]. As DIMP is developed, funding for the traditional GPRP and CSRP programs will be reallocated to support new DIMP-driven expenditures." (Exhibit (PG&E-3), Chapter 19, p. 19-4.) PG&E spent \$12.4 million less than the Application 09-12-020 forecast. The decreased GPRP spending in 2011 compared to the original GRC forecast is being offset by increased spending on CSRP, reliability main replacements with equivalent priorities to GPRP, and reliability regulator stations. PG&E spent \$7.8 million more than forecasted in Application 09-12-020 for CSRP, reliability main replacements, and regulator stations. Though PG&E did not spend the MWC 14 full amount forecast in Application 09-12-020, PG&E did spend \$3.9 million more on GPRP than allocated in the Settlement Agreement. PG&E expects to request additional funding in a future rate case for GPRP, but this funding would supplement, rather than replace, the funding received through Decision 11-05-018.

MWC 50 – Gas Distribution Reliability Program

Electronic Pressure Monitoring Program – Spending in the Electronic
Pressure Monitoring Program has been delayed while the Company
assesses optimal technologies for this program. Existing pressure
recorders are being replaced as required with the currently approved
electronic technology, but the systematic program to replace these units

- has been delayed pending the assessment of technologies. PG&E may seek additional funding for this program in a future rate case.
- 2. Cathodic Protection Remote Project The Cathodic Protection Remote Project is being piloted this year for system-wide deployment in subsequent years. Depending on the results of the pilot, PG&E may seek additional funding for this program in a future rate case. Currently, PG&E is addressing installation concerns on customer premises.

<u>MWC 27 – Meter Protection</u>. The reduced spending on meter protection is being offset by higher spending on higher priority safety-related work. PG&E plans to complete the meter protection work forecasted in the 2011 GRC within the 2011-2013 rate case cycle.

MWC 2K – Customer High Pressure Regulator. The expenditures for High-Pressure Regulators (HPR) were not forecasted in the 2011 GRC because this work was a result of new findings discovered during an accelerated gas transmission survey. HPRs are regulator sets that branch off a transmission line and reduce transmission pressure to provide gas service to less than three customers. The results of the gas transmission survey discovered a significant number of leaks associated with HPRs.

In 2011, PG&E began an aggressive program to rebuild or replace HPR-Type stations. PG&E has approximately 4,700 such HPR sets. PG&E will target rebuilding or replacing approximately 1,000 of these HPR sets and/or small district regulator stations each year over the next several years to address potential atmospheric corrosion and equipment deterioration.

11. 2011 Planned Capital Projects

Request

At the beginning of each calendar year, describe the capital projects planned to be undertaken for the year.

Response

The projects undertaken in 2011 are set forth in Table 17-1.

12. Variance Explanations Between Settlement Agreement Allocations and Actual Spending

Request

To the extent PG&E does not fully spend the amounts for capital projects or O&M related to pipeline safety, integrity management, and reliability specified in the Settlement Agreement, explain the reasons for doing so.

Response

PG&E has included in Tables 12-1 and 12-2 information responsive to this request. Although there are program areas where PG&E did not spend more than the amount specified in the Settlement Agreement, in total, PG&E spent in excess of the total Settlement Agreement amounts for both expense and capital related to gas distribution pipeline safety, integrity and reliability.

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SB_GT&S_0215248

TABLE 12-1 PACIFIC GAS AND ELECTRIC COMPANY SUMMARY OF DISTRIBUTION EXPENSE SETTLEMENT AGREEMENT AMOUNT VS. SPENDING COMPARISON (IN THOUSANDS OF 2011 DOLLARS)

MWC	MWC Description	Budget	GRC (2011 Settlement Agreement Allocation)	2011 Total	Difference (Settlement Agreement Allocation - 2011 Total)	Explanation
DE	Leak Survey	\$18,609	\$15,482	\$20,115	\$4,633	Spending exceeds Settlement Agreement.
DF	Locate and Mark	\$26,978	\$29,902	\$27,227	(\$2,675)	Decrease primarily due to lower volume of Underground Service Alert requests than forecast due to the slowdown of third-party construction. Volume changes year over year primarily based on the economy.
DG	Cathodic Protection	\$8,748	\$10,757	\$13,973	\$3,216	Spending exceeds Settlement Agreement.
EX	Meter Protection	\$199	\$1,200	\$486	(\$714)	Decrease primarily due to decision not to pursue certain meter protection work in 2011 to support higher priority work.
FG	Operate Gas Distribution System	\$3,038	\$3,945	\$4,118	\$173	Spending exceeds Settlement Agreement.
FH	Gas Distribution Preventative Maintenance	\$19,173	\$16,924	\$16,866	(\$58)	Variance is immaterial.
	Gas Distribution Corrective Maintenance	\$39,550	\$35,656	\$37,828	\$2,173	Spending exceeds Settlement Agreement.
GF	Operations Distribution – Gas Mapping	\$934	\$1,600	\$970	(\$630)	Decrease primarily due to lower gas mapping labor costs than originally forecasted and a reduction in mapping improvement projects to support higher priority work.
GG	Gas Engineering	\$3,070	\$3,060	\$3,005	(\$54)	Variance is immaterial.
JS	Distribution Integrity Management Program	\$19,500	\$19,500	\$24,699	\$5,199	Spending exceeds Settlement Agreement.
KF	Implement Regulatory Change	\$367	\$0	\$323	\$323	Work not planned in the GRC.
	Total	\$140,166	\$138,025	\$149,609	\$11,584	Total spending exceeds Settlement Agreement.

4

SB_GT&S_0215249

TABLE 12-2 PACIFIC GAS AND ELECTRIC COMPANY SUMMARY OF DISTRIBUTION CAPITAL SETTLEMENT AGREEMENT VS. SPENDING COMPARISON (IN THOUSANDS OF 2011 DOLLARS)

MWC	MWC Description	Budget	GRC (2011 Settlement Agreement Allocation)	2011 Total	Difference (Settlement Agreement Allocation - 2011 Total)	Explanation
14	Gas Pipeline Replacement Program	\$123,707	\$123,266	\$126,999	\$3,733	Spending exceeds Settlement Agreement.
27	Gas Meter Protection	\$332	\$593	\$9	(\$584)	Decrease primarily due to decision not to pursue certain meter protection expense work in 2011 to support higher priority work. This resulted in reduced capital spending.
47	Gas Distribution New Capacity	\$12,000	\$12,760	\$12,521	(\$239)	Variance is immaterial.
50	Gas Distribution Reliability	\$39,390	\$20,660	\$58,543	\$37,883	Increase primarily driven by increases in pipeline replacement and service leak replacements.
52	Gas Distribution Emergency Response	\$702	\$264	\$505	\$241	Spending exceeds Settlement Agreement.
2J	GT&D Impl Regulatory Change	\$0	\$0	\$500	\$500	MWC not included in Settlement Agreement.
2K	G Cust HPR	\$15,000	\$0	\$19,631	\$19,631	MWC not included in Settlement Agreement.
	Total	\$191,131	\$157,543	\$218,708	\$61,165	Total spending exceeds Settlement Agreement.

Project Descriptions and Status

13a. Capital Project Status

Request

Discuss status and progress of capital projects previously started and not completed.

Response

This information is set forth in Table 7-2, and is reflected as well in Table 17-1, Column 13 (Project Status).

13b. Pipeline Records

Request

Identify and explain any discrepancies found with pipeline records. Report if no records exist.

Response

Discrepancies found with pipeline records are reported when active facilities are not mapped, the facilities are on the map but not in the field, or when other inaccuracies are found in PG&E's maps. Table 13B-1 includes mapping corrections reported from July 1 to December 31, 2011, which includes mapping corrections found during capital and O&M work.

TABLE 13B-1 PACIFIC GAS AND ELECTRIC COMPANY GAS MAPPING CORRECTIONS REPORT

Line No.	Division	Date Rec'd by Mapping	Dept Reported	Location	Map#	Discrepancy
1	DA	7/5/2011	Construction	ARQUES & LAWRENCE	3350-H7	Wrong textinformation on map (i.e.RE-NUMBERED)
2	DA	7/14/2011	Construction	Morse & Glendale	3350-G4	Corrected Equip
3	DA	7/14/2011	Construction	California & Escuela	3349-F2	Corrected Equip
4	DA .	7/14/2011	Construction	Lawrence Station Rd	3350-E7	Corrected Equip
5	DA DA	8/31/2011	Construction	Middlefield & Stierlin	3349-E4	Wrong textinformation on map (i.e. Corrected Items)
7	DA	8/31/2011 8/31/2011	Construction Construction	Middlefield & Burgoyne Winchester	3349-E4 3412-H4	Wrong textinformation on map (i.e. Corrected Items) Wrong textinformation on map (i.e. Corrected Text)
8	DA	8/31/2011	Construction	Middlefield & Burgoyne	3349-E4	VALVEREMOVED
9	DA	10/3/2011	Construction	MOFFETT& BAYSHORE	3349-E6	Wrong textinformation on map (i.e. Corrected Text)
10	DA	10/3/2011	Construction	STEVENS CRK/STELLIN	3411-E1	Wrong text information on map (i.e. Corrected Text)
11	DA	10/3/2011	Construction	ELLIS & TL 132	3349-F8	Wrong textinformation on map (i.e. Corrected Text)
12	DA	12/20/2011	Construction	enterprize & 11th	3350-E2	Facilties shown in wrong location (i.e. mapped wrong location)
13	KE	8/23/2011	Compliance	Kern	5026-F1	Brach services (two) not posted.
14	KE	8/25/2011	Construction	Kern	5026-11	Revised for Leak SurveySchedule
15	KE	8/25/2011	Construction	Kern	5127-C1	Revised for Leak SurveySchedule
16	KE	9/23/2011	Construction	Kern	5027-D8	Revised for Leak SurveySchedule
17	KE	9/23/2011	Construction	Kern	5028-C1	Revised for Leak Survey Schedule
19	KE	9/26/2011 9/26/2011	Construction	Kern	5027-G8 5028-C3	Revised for Leak SurveySchedule Revised for Leak SurveySchedule
20	KE	10/4/2011	Construction Construction	Kern Kern	5028-C3 5050-E2	Gas services not shown on plat.
21	KE	11/4/2011	Construction	Kern	5027-F1	GSR shows wrong address
22	KE	11/1/2011	Construction	Kern	5027-F2	Plat map shows wrong street name.
23	KE	10/17/2011	Construction	Kern	5028-A2	Two as-builts in the job folder. One says main is DB and the other says it was inserte
24	KE	10/11/2011	Construction	Kern	5028-C8	GSR shows wrong address
25	KE	11/18/2011	Construction	Kern	4760-B2	Revised for Leak SurveySchedule
26	KE	11/18/2011	Construction	Kern	5027-C2	Revised for Leak SurveySchedule
27	KE	11/18/2011	Construction	Kern	5027-D3	Revised for Leak SurveySchedule
28	KE	11/18/2011	Construction	Kern	5027-G8	Revised for Leak SurveySchedule
29	KE .	11/18/2011	Construction	Kern	5027-H5	Revised for Leak SurveySchedule
30	KE	11/18/2011	Construction	Kern	5027-H6	Revised for Leak SurveySchedule
32	KE	11/18/2011 11/18/2011	Construction Construction	Kern Kern	5027-J5 5028-B4	Revised for Leak SurveySchedule Revised for Leak SurveySchedule
33	KE	11/23/2011	Construction	Kern	5028-E3	Out with DXM4 for field check. Gas service not shown on plat.
34	KE	11/23/2011	Construction	Kern	5028-E3	Address corretion
35	KE	11/29/2011	Construction	Kern	5028-G1	Revised for Leak SurveySchedule
36	MI	6/29/2011	Construction	Tanager Ct. not posted on map	23E08	Completed job, Mapping never rcv'd2 s.o.'s
37	M	7/10/2011	Mapping	2nd St & E St., wrong addresses	12F14	Wrong textinformation on map (i.e. Mapping never rov'daddress-changes)
38	MI	7/11/2011	Mapping	Scarlett Ct., missing curb vlv	23B04	Mapper didn't post curb viv
39	M	7/19/2011	Construction	Lassen St.missing 2 svcs	18E01	Completed job, 2 s.o.'s never rov'd by Mapping
40	1/41	7/25/2011	Construction	Hesperian s/b c/o	13E13	Mapped incorrectly (i.e. C/o svc wasn't erased offmap)
41	MI	8/3/2011	Construction	Hayward	13D14	Mapped incorrectly (i.e. Mapper posted in wrong location in 1956)
42	MI	8/4/2011	Construction	Mowry, curb valve not posted	20A10	Mapped incorrectly (i.e. Mapper didn't post curb vlv)
43	MI	8/4/2011 8/5/2011	Construction	Manchester Cm not posted Risdon not posted on map	20A10 14A15	Completed job, Mapping never rov'd 3 s.o.'s
45	MI	8/7/2011	Construction	Fremont BI 4 svcs c/o or stubs	20A10	Completed job, Mapping never rov'ds.o. Completed job, Mapping never rov'dc/o s.o.'s
46	MI	8/19/2011	Mapping	Antonini posted in wrong location	30D01,2	Streets intersect in 2 locations, Mapper posted in wrong location
47	M	8/23/2011	Mapping	Pinot Noir Ct spelled incorrectly	22E10	Wrong textinformationn on map (i.e. Street mis-spelled)
48	M	8/11/2011	Construction	Stevenson Blvd	20A12	Mapper posted 2 svcs at incorrect location
49	Mi	11/3/2011	Mapping	8th St & 9th St had 2 block numbers	19B06	When mapper removed street, they forgotto remove additional block numbers
50	MI	12/2/2011	Mapping	Montrose, wrong address	10F07	Wrong textinformation on map (wrong address on s.o.)
51	MI	12/20/2011	Construction	Montereyshows straight svc	20B10	Facilities shown in wrong location (i.e. S.o. doesn't show bend in svc)
52	PN	8/3/2011	Construction	re-dwg Wilmington Wy	3278-15-1	Facilities shown in wrong location (WRONG AS-BUILT & POST)
53	PN PN	8/5/2011	Construction	C/O CANADA& PO MISSINGGSR	3346-B5	Completed job not received by Mapping (i.e. C/O CANADA& PO MISSINGGSR)
54	PN	7/27/2011	Mapping	10THAVE, SAN MATEO		Undocumentedieldchange(i.e. ONE NOT DOC. OTHERNOT C/O)
55 56	PN	9/15/2011 9/19/2011	Estimating Construction	ARLINGTON, MP SVC NOT IN PARCEL CAMPUS, STANFORD	3280-I1-18 3348-B2-7	INCORRECT FOOTAGE ON AS-BUILT Mappped incorrectly (i.e. DEACT SVC IMPROPERLY)
57	PN	SHOLZUII	Mapping	BIRCH AVE- SVC NOTMAPPED	3214-H7	Wrong text information map (i.e. RASTERERASEDOR NOTPOSTED)
58	PN	12/13/2011	Mapping	TRINIDA, FC	3215J5	UPDATED ADDRESS
59	SF	7/20/2011	Planning	Roanoke and Chenery	3-E16C	Mapped incorrectly (i.e. mapping standard & svcs tied wrong main)
60	SF	9/12/2011	Planning	Jackson & Mason	2E02B	Mapped incorrectly (i.e. Valve # was incorrectly labeled.)
61	SF	9/12/2011	Planning	5th and Clara	2F03D	Mapped incorrectly (i.e. Valve # was incorrectly labeled.)
62	SF	9/12/2011	Planning	Arguello and California	1F12A	Mapped incorrectly (i.e. Valve # was incorrectly labeled.)
63	SF	9/12/2011	Planning	9th and Jessie	4A02A	Regulator Stations 215 & 215A were incorrectly labeled.
64	SF	9/12/2011	Planning	Mason & John	2E02B	Wrong text information on map (i.e. Valve # was incorrectly labeled.)
65	SF	9/12/2011	Planning	Plymouth and Lakeview	5A12B	Wrong text information on map (i.e. Valve # was incorrectly labeled.)
66	SF	9/13/2011	Planning	Palou and Ingalls	4F06A	Wrong text information on map (i.e. Wrong valvesymbol)
67	SI	10/18/2011	Construction	Chestnut St Yuba City	2154-F4	Offset & measurements
68 69	SI	10/5/2011 12/21/2011	Construction	Auburn H ST.	2154-G2 2154-E7	Facilitis shown in wrong location. Incorrect footage from PL SVC NOTON PLATSHEET
70	SJ	1212112011	Construction CONSTRUCTION	NEWHALL & COLEMAN	3412-B8	Facilities shown on wrong location
	SJ	11/18/11	Estimating	QUIMBY RD	3414-E8	Facilities shown on wrong location
71						

14a. Regulatory Requirement Driven Capital Projects

Request

Explain if a capital project is undertaken in response to a federal and/or Commission regulatory requirement or advisory and/or National Transportation Safety Board (NTSB) recommendation.

Response

Table 17-1, Column 14, identifies projects initiated in response to federal and/or Commission regulatory requirements or advisory and/or National Transportation Safety Board recommendations, including projects that were initiated as a result of a CPUC audit.

14b. Risk Management "Top 100" Projects

Request

Identify if project was/is on Risk Management Top 100 list or was/is in a "high-consequence area".

Response

Items 14b and 15 request information on gas distribution projects or pipelines that are on PG&E's "Risk Management Top 100" list, or are in high consequence areas. Gas distribution pipelines have never been part of the Top 100 list, which has historically been applied only to gas transmission pipeline segments. Similarly, "high consequence area" is a federal definition that does not apply to gas distribution pipelines. See response to Item 15 for further discussion on risk ranking as part of the new DIMP.

15. Most Recent Risk Management "Top 100"

Request

Include most recent Risk Management Top 100 report if it includes gas distribution pipelines; identify changes from the prior report and explain why the changes were made.

Response

As explained in response to Item 14b, the Top 100 list applied only to gas transmission pipeline segments and was never applied to gas distribution. However, the Company is performing distribution risk ranking as part of its DIMP. The risk ranking methodology and results will be provided to the CPUC as part of the DIMP Audit scheduled for December 2012.

16. Distribution Pipeline Inspection Plan

Request

Include most recent distribution pipeline inspection plan showing inspection methods to be used for specific pipeline segments and progress to plan.

Note and explain any changes to the prior plan. Report on inspection results, identify and describe any discrepancies found with pipeline records. Report if no records exist.

Response

PG&E's gas distribution pipeline inspection plan is shown in Table 16-1. The table shows the MWC that the inspection activity is under as well as the inspection method along with a brief description. The inspection unit information was updated for the first and second reporting period to reflect the most accurate information available. A summary of the results of each inspection method is also included. For a list of records discrepancies, please see Table 13B-1.

TABLE 16-1 PACIFIC GAS AND ELECTRIC COMPANY DISTRIBUTION PIPELINE INSPECTION PLAN AND PROGRESS-TO-PLAN

MWC	Inspection Method	Description	Units Planned (1/1/2011- 12/31/2011)	Units Completed (1/1/2011- 6/30/2011)	Units Completed (7/1/2011 - 12/31/2011)	Total Units Completed in 2011	Results
DE	Leak Survey	Gas distribution leak survey is conducted either annually, every 3 years, or every 5 years depending on the type of facility. Leak survey involves taking instrument reads over the pipeline in order to determine the presence of any gas leaks. All leaks that are found are either fixed immediately if deemed hazardous (Grade 1) or graded and scheduled for repair or recheck (Grade 2, 2+, or 3).	735,000 Services	301,137	517,826	818,963	As a result of the leak survey inspections through December 31, 26,388 total leaks were found: 6,129 of Grade 1 leaks 3,620 of Grade 2+ leaks 5,332 of Grade 2 leaks 11,317 of Grade 3 leaks
DG	Cathodic Protection (CP) Monitoring	CP Monitoring includes taking pipe-to-soil reads (which provides information about the cathodic protection levels on the pipeline) and rectifier roads. On gas distribution, pipe-to-soil reads are taken every other month (bi-monthly) on CP Areas, yearly reads on steel mains protected by a locating wire, annually on short isolated sections of main as well as sections read once every 10 years. Rectifiers are required to be read, at a minimum, annually. Note: Until 2012 rectifier maintenance work has been grouped with pipe-to-soil monitoring. Due to the nature of the work rectifier maintenance was given additional units due to length of time to maintain the rectifier versus the time it took for the pipe to-soil monitoring. This report includes the actual monitoring reads and rectifier maintenance completed with no additional adders.	46,254 Reads	23,491	22,763	46,254	As a result of the cathodic protection monitoring during the second reporting period of 2011, 1,767 corrective troubleshooting notifications were issued, for a total of 3,494 troubleshooting notifications in 2011.
ÐG	Isolated Steel Service Program	All distribution services that have been identified as being cathodicelly isolated from the distribution main are visited once every 10 years. A pipe-to-soil read is taken to make sure the service is under adequate cathodic protection.	13,469 Services	344	76,478	76,822	Of the 76,822 services cleared in 2011 a total of 2,111 services were found to be steel services when a total call to the services which a dequate cathodic protection. Of these, 1,326 have been provided adequate cathodic protection. The remainder will be protected by 101/12012. Note that this rate of inadequate cathodic protection for steel services is not indicative of PG&E's gas services in general. These gas services were investigated specifically because evidence existed of possible problems.
FН	District Regulator Maintenance	Gas distribution district regulators tations receive two different types of inspection maintenance. An "A" inspection consists of adiagnostic test of the regulator function, visual inspection of the regulator environment and operation of all valves, and is conducted annually. A "B" inspection consists of everything that is required in the "A" inspection and it also includes an internal inspection of the regulator equipment and replacement of all rubber goods. The "B" inspection is performed, at a minimum, once every8 years. Note: The Planned and Units Complete have been updated from	3,687 District Reg. Inspections	1,794	1,980	3,774	As a result of the district regulator maintenance inspections during the second reporting period of 2011, 665 corrective notifications were issued, for a total of 1,361 corrective notifications in 2011.
FH	Valve Maintenance	the first reporting period based on a more accurate unit count. Gas distribution valve maintenance involves operating and inspecting the valves on an annual basis. Note: The Planned and Units Complete have been updated from the first reporting period based on a more accurate unit count.	5,933 Valve Inspections	3,410	2,607	6,017	As a result of the valve maintenance inspections during the second reporting period of 2011, 118 corrective notifications were issued, for a total of 27 correctivenotificationsin 2011.
PH/JS	Atmospheric Corrosion (AC) Inspections	AC Inspections involve a visual inspection of all above ground/exposed pipeline facilities that could be subject to atmospheric corrosion. This inspection is performed every 3 years. Note: The Planned and Units Complete have been updated from the first reporting period based on a more accurate unit count.	3,352,781 Inspections	3,442,693	1,203	3,443,896	As a result of the AC inspections during the second reporting period of 2011, 27 locations were identified for follow-up, for a total of 28,453 locations in 2011.
DF	Standby/Field Meets	Whenever excavation work is being performed on gas distribution critical facilities, a field meet with the contractor and a standby employee, present on site while the pipeline is exposed, are both required. These inspections are performed "as-needed" based on the location of excavation. Note: The Units Complete have been updated from the first reporting period based on a more accurate unit count.	503,423 L&M Tickets	290,248	276,746	566,992	As a result of the L&M tickets during the second reporting period of 2011, 523 required standby, for a total of 1,077 in 2011.
EX	Meter Protection Inspection	The physical locations in the Meter Protection database are being inspected to validate the information. Note: The inspections commenced during the second reporting period	0 locations	-	18,251	18,251	As a result of the Locations inspected during the second reporting period, 7,904 need protection, 3,785 needs a service valve, 6,582 did not require any work.

MWC FH: Originally included Atmospheric Corrosion inspection and correction on meters. An improved process was implemented, and this work is now being accounted for under MWC JS (DIMP).

MWC DF: The GRC Settlement was based on higher economic forecast than 2011 results. However the 2011 budget was based on an

updated forecast that proved to be lower than 2011 results.

17. Project Descriptions

Request

Project descriptions shall include the following:

- a) Project name
- b) Work description: Provide details of work to be undertaken
- c) Purpose: Explain why the work is necessary
- d) Timeframe: Start to completion, including significant milestones.
- e) Pipeline number
- f) Mileposts
- g) Geographical coordinates and location (city, place name, county)
- h) Pipeline map
- i) Class location
- j) Identify if pipeline is in a high consequence area
- k) Vintage of each pipeline segment and year installed
- I) Manufacturer of the pipe
- m) Whether the pipe is seamless or non-seamless
- n) Maximum allowable operating pressure of the pipeline
- o) Operating pressure
- p) Pipeline dimensions (diameter, thickness, length) of each segment
- q) Areas and communities the pipeline is providing service to
- r) Explain how work on pipeline will affect service
- s) Explain how work on pipeline might affect (such as operating pressure) the operation of other distribution pipelines and facilities connected to the project
- t) For exposed pipelines: Examine for external defects and report results
- u) For removed pipelines: Examine for external and internal defects and report results

Response

Tables 17-1 through 17-4 provide the information requested and are described below:

- Table 17-1 lists all projects with applicable project details.
- Table 17-2 describes the history of plastic pipe and plastic pipe dimensions.
- Table 17-3 describes the steel pipe dimensions.

- Table 17-4 shows the results of all gas inspection reports for the period July 1 to December 31, 2011. Table 17-4 is a summary of the results from inspections performed when a pipeline is exposed. This can also include the internal inspection when applicable.
- a) Table 17-1, Column 17a The project name is the order description.
- b) Table 17-1, Column 17b Work description is the Maintenance Activity Type code which describes the category of work for this project. This includes the range of years the pipe deactivated was installed by material. Also included is the length in footage and diameter of the pipe deactivated by material.
- c) Table 17-1, Column 17c Purpose of the work is the program that the work is being funded under.
- d) See Table 7-2 Timeframe includes the planned and actual start and finish dates for construction.
- e) Not Applicable Pipeline number is used specifically for transmission.
- f) Not Applicable Mileposts are used specifically for transmission, however, location information is provided in Columns 17g and 17h.
- g) Table 17-1, Column 17g GIS coordinates are not available for gas distribution, however, the division and city for the project is provided.
- h) Table 17-1, Column 17h Pipeline Map is the Map and Plat or Facility.
- i) Not Applicable Class location does not apply to distribution facilities.
- j) Not Applicable "High Consequence Area" does not apply to distribution facilities.
- k) Table 17-1, Column 17k Vintage of pipe is the range of years the pipe installed was manufactured by material. This information is only available for projects that are completed. The year installed is the year the project was completed, by material.
- Table 17-1, Column 17I Manufacturer is noted for pipe installed on the completed project. The information in Table 17-1 is based on construction as-builts. Tables 17-2 and 17-3 list the approved manufacturers for plastic and steel pipe.
- m) Table 17-1, Column 17m For steel pipe, Table 17-1 sets forth whether the pipe is seamless or non-seamless on the completed project.
- n) Table 17-1, Column 17n Table 17-1 sets forth the Maximum Allowable Operating Pressure (MAOP) of the pipeline for the final system at the

- completion of the project. For regulator stations, the MAOP is for the system at the outlet of the station.
- o) Table 17-1, Column 17o Table 17-1 sets forth the operating pressure of the pipeline for the final system at the completion of the project. For regulator stations, the operating pressure will be for the system at the outlet of the station.
- p) Table 17-1, Column 17p Pipeline dimensions sets forth the diameter and length in footage by material for pipe installed. Tables 17-2 and 17-3 set forth the standard thickness for plastic and steel pipe.
- q) Table 17-1, Column 17g Areas and communities the pipeline serves.
- r) Table 17-1, Column 17r Sets forth the number of gas services anticipated to have a service interruption due to the project.
- s) Table 17-1, Column 17s The effect on the operation of other distribution pipelines and facilities connected to the project are described as the pressure changes due to the project. This notes the changes in the MAOP or Net Open Percentage of the system or the increase in capacity for the low pressure point the gas system.
- t) Table 17-4 For exposed pipelines, external defect report results are included.
- u) Table 17-4 For removed pipelines, external and internal defects and report results are included.

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012062774676	04	80	30518524 051	PAREFURER	ALPUYSTEM: PH:	Protest Colony	Aun Mogracanieni	Lingy - A Prins (rg) (1821 - 1884 Naise (2010) Siero (1821 - 1884	1640 013 'Sine! 126' 017' Aloya - Fridanc 83 017' Fridanc	Repairing Up raine	Respons	Pacokk	WALL SERV	ELAF BY	-				-		DE E	y, 400	OT STATE PROME	Her offers	No
8 - 140 EAST-10-10		No	2016:815 APR	REFLORE GRO	SEINGLIGGAE VET NO	thoras actory b	dec Roomsen to	See 1982	500" of 6" Steen 100" of 6" Steen 146" of 6" Steen	Remarks Server	North Bay	Sec Relies	WALL 2822	par m						,	17 14		an of all Steel	1 Ferrina	No.
0 esrga		но	30583077 GR	MARKET BY 15TH	a decert involen	Menastra b	tale Ropiscom en	1320 1171-1278	100 of 12" Ener	Residing Carenal	Sec Proces	o Sac Preco	ke WAILOOS WAILOOS	CATES							se so	P\$45	SIC of 8' SMAI	14.805003	ph g
Design		H¢.	1	}	LE HOME PR. ST HELPIN	Papa jes Regi	2 004 41 /	togy skilosopskilo 1989 skilosopskilos	1500 AL ALEGO A PIANOS 1500 AL STANDAR A PIANOS 150 AL STANDAR A PIANOS 1500 A STANDAR A PIANOS	Padre Rep Pogras	MARK 444	HEGG	Y-A11,717	P.A1V1							V.		×n	er severe	
			<u> </u>	1									BLL287UHATES							10	PSIG	NEHD OF AT PRESIDE EDITOR OF STREET	221S4:r/ma	MA ASSAULTANCE	thicgo
ŀ	417	30047705 A	PRICE REMOTE - C-	-	-	newsers carear research	Zenza Ive			1012 70710	ļ.,,	ESEA 20	AC-CDS		-		-		5 AUG 16	2 - 1324		15% of 7 Pay c	NO WINCO	ttir significani i c	chingo
	RO	30820284	R GURRATHENS.	4		Gas Elgatine Regradas enterios;	Steel 1839	970 914 PD 916.	Casillate Posta Re-	Program Sac Po	alsosce So	Psiesopeo (59	UL DOCS PLAY FOR						125		< 60	625' of 6' Plants 637 of 6' Plants	17 8000000	TRO Propor 4	e seage.

TABLE 17-2 PACIFIC GAS AND ELECTRIC COMPANY PLASTIC PIPE HISTORY

	1	/lanufactu	rers and Brands	
Manufacturer/Brand	From	To	PE Grade	Notes
DuPont Aldyl A	1965	1990	PE2306/2406	
Nipak	1972	1985	PE2306/2406	Went out of business in 1985
Phillips Driscopipe	1972	2000	PE2306/2406 PE3408 (1/4" only)	Merged with Plexco in 2000 to form
				Performance Pipe
Plexco	1986	2000	PE2306/2406	Merged with Driscopipe in 2000 to form Performance Pipe
CSR/PolyPipe	1991	present	PE2406/2708	Purchased by CSR in 1995, kept PolyPipe name
Uponor	1992	2004	PE2406	Purchased by US Poly
Performance Pipe	2000	present	PE2406/2708	
Driscoplex			PE4710 (1/4" only)	
US Poly UAC 2000	2004	present	PE2406/2708	Now owned by JM Eagle
KWH Wehogas	2006	present	PE2406/2708	
Note: dates based or	best ava	ilable infor	mation and may be ap	proximate.

PLASTIC PIPE DIMENSIONS

		Dimensions a	nd Tolerance:	3	
Nominal Size (inches)	SDR	Outside Diameter (inches)	Outside Diameter Tolerance (inches)	Minimum Wall Thickness (inches)	Wall Thickness Tolerance (inches)
1/4 CTS	6	0.375	±0.004	0.062	+0.006
½ CTS	7	0.625	±0.004	0.090	+0.009
1 CTS	11.5	1.125	±0.005	0.099	+0.012
1-1/4 IPS	10	1.660	±0.005	0.166	+0.020
2 IPS	11	2.375	±0.006	0.216	+0.026
3 IPS	11.5	3.500	±0.008	0.304	+0.036
4 IPS	13.5	4.500	±0.009	0.333	+0.040
4 IPS ¹	11.5	4.500	±0.009	0.391	+0.047
6 IPS	13.5	6.625	±0.011	0.491	+0.059
6 IPS 1	11.5	6.625	±0.011	0.576	+0.069
8 IPS	13.5	8.625	±0.013	0.639	+0.077

¹ 4" IPS and 6" IPS purchased by PG&E was SDR 11.5 until 1996, at which point a switch was made to SDR 13.5 (per Gas Bulletin 90.) Given a three-year storage life, SDR 11.5 pipe could have been used through 1999.

TABLE 17-3 PACIFIC GAS AND ELECTRIC COMPANY STEEL PIPE DIMENSIONS

A: Pipe, Mains, Serviands Prepared by: STEEL PIPE DIMENSIONS JZB1

CODE NUMBERS FOR STEEL PIPE

1

5

Asset Vipe: Gas Transmission and Distribution

Function: Design

Issued by: G OriginalSignedBy

Dat e: 04) 21) 08

#06: This document replaces Revision #05n. of Folime a challenguesi, ptiosee Page 2.

This document also appears in folheowing manual:

· Gas Applicant Design Manual

Purpose andScope

This numbered document provides code numbers for steel pipe.

Acr onyms

ARC abrasive resistant coating double) submerged arc welded DSAVV electric resistance welded ERW FBE: fusion bonded epoxy

SMLS: seam ess

PG& E StandarSidzelija pe Table 1

Nomi nal	Pi pe	Wal I					(Code		Cc	de for	Co	de		Q	ode	for		
Pi pe Di amet er (I nches)	Out si de Di amet er (I nches)	Thi ckness (I nches)	G ade	Sear	n Typ	эе	1	for Bare		W	r apped	1	or 3E		FB	∃+ Al	7C		
3 / 4	1.050	0.113		В		SV	LS		0	1 1	5 7 4		0 1	0	0 6	7 -			
	, , , , ,	0.154		В		SN	LS		0	1 1	9 5 1		0 1	1	3	6 -			
1	1.315	0.133		В		SN	LS		0	1 1	5.75		end.						
9	,	0.179		В		8/	L S		0	1 1	935		nteri			-			
1) 1	4	1.660	0 .	14(O			В		SN	L S	0 1	- 1	5 7	6	-	0	1 () 1
2	2.37	7 5 0	154			В		SN	LS		0 1	157	-8		0	1-0	1 4	7	
3	3.5(0 0	. 216			В		SIV	LS		0 1	169	-2		0	1-0	1 7	8	
4	4.500	0.188		X4 2	W		ER	0 1 0	9	4 1	we	0	1 0	9	1 4				
*		0.237		В		SN	L S		0	1 1	6-93	0	1 () 3	6 4		(1	0 7
6	6.625	0.188		X5 2	W		ER	0 1 1	0	0 4	w	0	1 (9	4 4				
		0.280		В		<i>S</i> 1	L S		0	1 1	688	0	1 (0 (1 4		(1	0 8
		0.188		X5 2	W		ER	0 1 0	7	1 7		0	1 (7	1 8		(1	0 7
8	8.625	0.250		X4 2	W		ER	0 1 0	2	3 7	NAME .	0	1 (8 (3 8		(1	0 8
		0.322		В		SV	LS		0	1 1	6-89	0	1 (0	2 9		(1	0 8
1 0	10.75	0.250		X5 2	W		ER	0 1 0	7	9 7	we	0	1 (7	98		(1	0 8
	, , , , ,	0.365		В		SV	LS		0	1 1	804	0	1 (0 (3 4		(1	0 8
1 2	12.75	0.281		X5 2	W		ER	0 1 0	8	0 6	w	0	1 () 9	3 5		(1	0.9
2 feet	, , 0	0.375		В		SN	LS		0	1 1	948	0	1 (0 (3 7		(1	0 8

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A) Plage 1 of 2

TABLE 17-3 PACIFIC GAS AND ELECTRIC COMPANY STEEL PIPE DIMENSIONS (CONTINUED)

A: Pipe, Mains, Servainodes

STEEL PIPE DIMENSIONS Code Numbers for Steelpe

Table 1 PG&E Standard Pipe Sizes, continued

Nominal Pipe Diameter (Inches)	Pi pe Out si de Di amet er (I nches)	Wal I Thi ckness (I nches)	G ade	Seam Type	Code f or Bar e	Code for Wrapped	Code f or FBE	Code for FBE+ ARC	
1 6	16.00	0.312		X5 2 W	ER 0 1 1 0	5 1 -	0100	3 8 0	1085
10	10.00	0.375		B S	VLS 0	11819	0100	3 9 0	1085
2 0	20.	0 0 0	0.37	5 W X6	0 0 1 0 8	ESR 8 -	no-	md.	
2 4	24.00	0.375		X6 0	DSAW	010-901	0107	9 0 0	1090
Zan X	21.00	0.500		X6 0	DSAW	0 1 0 0 5 2	0100	5 7 0	1086
2 6	26.00	0.375		X6 0	DSAW	010-864	0108	6 6 0	1086
2 0	20.00	0.500		X6 0	DSAW	010-904	0109	0 5 0	1090
3 0	30.00	0.375	X6 0	DSAW	0107	722-	0107	6 7 0	1086
3.0	00.00	0.500		X6 0	DSAW	010-500	0108	69 0	1087
3 4	34.	0 0 0	0.50	5 X6	3 O E	SAW - 0	1 00818097	8 0 0	1087
3 6	36.	0 0 0	0.50	0 X6	5 E	SAW - 0	1 00910099	1 0 0	1091

¹ Pipe with this wall thickness requires 4.2.) miliminshumilionogyer, to whemesure adequate protection from traffic loads.

Revision Notes

Revision 0.6 has the following changes:

- 1. Updated the data in Table 1.
- 2. This document is part of Change 60.

				REPORT				SYSTEM	YEAR	CATHO	DIC FEE				COATING	CIRCUM		AL COATING	COATING	SUPP	ORT GOU	GING DISCO	LOR CRA	Adking
DIVISION	DISTRICT	ADDRESS STRE	EET ADDRESS ONT	DATE	WALL MAR	PLAT	8LOCK	PRESSURE	INSTA	LL PROTY	N EXPOS	SED MATERIA	LINE SIZE	COATING TYPE	COND	COND	GOUGIN					Y Y	1	YN
Ke				7/1/11	1)	P (>60osig)		V	3.00	Steel	16.00	Tape	Good		None	n			1	1		+
	n Francisco Mai		n Brancisco 7	7/11/11	3	E12	52 LI	{<=10.5"wc}	2011	n	<u> </u>	PE 2406/2708 (Yellow)	1.00	Bare/None	Fair		None	В	n	Go	de r	1		-
h	n Francisco Teh			7/1/11	2	F04	L	P (<=60psig)	1959	V	3.00	Steel	1.25	Double wrap	Excellent		None	n	 	Go		 		
	cramento		remento 7	7/1/11	527	F03		P (<=60psig)		V	2.00	Steel		Hot Applied Asphalt	Fair		None	n	V	God		 		-
		_ 1	ru Heights 2	7/1/11	467	G05		P (<=60psig)		y	3.00	Steel	0.75	Hot Applied Asphalt	Fair		None	у	· v	Goo	_1	 	 	-
			aloga 7	7/2/11	472	003	3 5	P (<=60psig)	1974	V	0.00	Steel	0.75		Fair		None	y D	Y n	Ger	1	ļ'		-
1	linas 5th		niales /	7/3/11	954		1 1		L		1.00	Steel			Fair		None	11	"	001	-	ļ		
1	(30	1140165 /		1304	105	19 /	P (<=60psig)	1991	У	ļ		0.75	Ероху	FdII		NOTIE			Į	4	ļ	ļ	
no Fre	snd S	Orange	Fresno	7/5/11				HP (<=60ps	ig)		2.	00 PE 2406 (Oran	.e) ;	2.00								n	n	
San Francisco	San Francisc	o Folsom	San Francisco	7/5/11			96				6.	00 PE 2406/2708 (Y	llow)	2.00						1	1	n	n	
Gas Transmission	GS North	Vierra	Antioch	7/5/11	57	1	2.2	TP(>60ps	g) 197	2 y	40	.00 Steel	3	4.00 HotApplied A	sphalt	Good		None	n	n	Good			T
San Francisco	San Francisco	21st	San Francisco	7/5/11	3	C09	46	SHP (<=25p)	ig) 201	У	12	.00 Steei		100 Hot Applied A	sphalt	Good		None	У	¥	Good	1		
Aresno	Fresno	Monterey	Fresno	7/5/11	1		2	HP (<=60ps	ig)		4.	00 Steel		00 Single wrap	(3	cellent		None	У	l v	Good	1		_
Central Coast	Coast	Milky	Aptos	7/5/11	3677		1	TP(>60ps	g) 194	I v	3.			00 Hot Applied A	sphalt	Fair		None	V	V	Good	1		+
Central Coast	Coast	Milky	Aptos	7/5/11	3677	E08	0	TP(>60ps	g) 194	1 v	J	©0 Steel		75 ExtruCoat		cellent		None	l v	l v	Good	 		+
Sacramento	Yolo	Old Davis	+	7/6/11	2582		- i	TP (>60psi	2)	'		1		100					 ` 	 	+	 		+
Sacramento	V O lo	California	Davis	7/6/11	2582		<u>-</u>	TP (>6Upsi	5.	'	-	UU Steel		100					 	 	+	 		+
Sacramento	V 010	cantornia	Davis	7/6/11	2582			TP (>60ps)	[ļ,		1		100					 	ł	+	ļ'		-
dentral Coast	LOBSE	Terrace	Felton	7/6/11	3598			FIP (<=60ps	P' 10-7	ļ		90 PEZ406 (Oran	-	T						ļ	1	1 ,	-	-
das transmission	5	Moroni	Iviendian	1	2131		3	TP (200ps	6/ 13/	Y Y		.00 Steel	-1	N.Ou Tape				***************************************	1	ļ	1		L	
was redeleted 5550TI	33 WORD	1 .		7/6/11	2131	101		HP (<-80psi	61 199	<u> </u>	40		Herman	Non Tahe		De HEIII		wome	l ''	1"	9000			
10111	Vein	Mayo	Ridgecrest	770711			13	nin (se-ot/ps)	57	-11	-3:	de LE 7400/7109/14	11000)	-00							n	n	n	
oast Coast	Terrace	Feiton	7/6/1	11 3598	E05	13	HP (<	60psig) 199	0 y	1.	00 PE 2	406/2708 (Yellow)	.25						1	1	п	n	n	T
Fresna		Fresno	7/7/1		H03	24		60psig) 196		6.	-	Steel	.75 Do	bie wrap	Good		None	n		Good	T			
sisco San Fra	incisco Mission	San Fra			t	54	l		· · · · · · · ·		PE 2	406/2708 (Yellow)	.00	· · ·						t	n	n	n	+
	ncisco Almaden	San Fra			F12	55	LP (<=	10.5"wc) 201	1	10	I	Steel		Applied Asphalt	Fair		None	У	V V	Good	†	t		+
	ncisco Gorham	San Frai			F15	40		60psig) 201		2.	I	Steel			Fair		None	· · · · · · · · · · · · · · · · · · ·	1 '	Good	+	 		+-
	incisco Kansas	San Frai			803	72	L	60psig) 200	2	7	1.	\$06/2708 (Yellow) 0	.50	1		-			 	 	+	+ n	n	+
Vallejo	Lori	8enicia	7/8/1		F01	82			F	10.	•	£ 2406 (Orange)	.00	-					1		- B	n	n n	+
110 7010	2nd	Davis	7/8/1	5			BP72	60psig) 198	Q		I	#06/2708 (Yellow)	.00	1					ļ	 	+	 	 	
1	meisco Julian	San Fra		1	1 507	100	/		ļ		3	106/2708 (Tellow)	00	-						ļ	-	1		-
1	meisco Folsom	San																	ļ	ļ		ļ'	ļ	-
.1300 3811116	1110300 10130111	2811	Francisco	7/8/11			85				L	PE 2406/2708 (Ye	ow} 0	.50						ļ				
Kern	Hern	Oregon		7/11/11	1		53	HP (<=60psi	g) 1983	n	2.0	10 PE 2406 (Orang	e) 2	.00									n	r
North Valley	Redding	Roan	Anderson	7/11/11	1151	G02	1.	HP (<=60psi	g) 1963	V	28.	do Steel	0	.75 Double wrap		air		Light	У	n	Good	1		
Kern	Hern	Sunland	Ridgecrest	7/11/11			3.5	HP (<=60ps)	3)	¥	1.0) Steel	2	DD Hot Applied As	phalt (ood Aco	ptable		n	n	1	1		T
San Francisco	San Francisco	Stoneybrook	Presidio	7/11/11	1		86		2011			Steel	2	00 Hot Applied As	phalt (ood		Light	n Possib	le Lack of	Consult Pi	peline Engin	ser	1
North Bay	Marin	Bulkley	Sausalito	7/11/11	3042	D03	1.4	HP (<=60psi	8) 1940	Ý										T	T			
North Bay	Marin	Bulkley	Sausalito	7/11/11	3042	0.03	14	HP (<=60psi	() 1940	y	T								1	t	T	1		1
San Francisco	San Francisco	angton	San Francisco	7/12/11	<u> </u>	<u> </u>	74	HP (<=60ps)	<u> </u>		 	PE Z406/2708 (Ye	low)	<u> </u>					-	 	+	1	l l	-
Gas Transmission	GS North	Brannan Island	Rio Vista	7/12/11	 	 	0	TP (>60psig	ļ			Steel	6	DU Paint		ood Acc	eptable	Vone	n	n	Good			+
Gas transmission	dis Motte	PWV 12	Rio Vista	7/12/11	1							2000	- 6	o Paint			ptable	vone	in .	n	+	+		+
Gps Transmission	us worth	HWY I2	Rio Vista	7/12/11	1			Pag											 	 	+	+		+
				_	<u> </u>	10.4		(560psig)				Steel	6.00		Gos	d Accep	tabie No	ne n	- n		Cood	+		
			Carmichael	7/13/11	2467	101	31.	HP (<=60psig)		¥	3.00		1.25						-	-	-	-		-
	San Francisco L		San Francisco	7/13/11	6	A04	1.2.	LP (<=10.5"wc		n	8.00		4.00		Goo		No		ļ	ļ		ļ		-
			Fresno	7/14/11			46	HP (<=60psig)		Y	4.00		6.00		ilt God	KI .	No	ne n			Good			_
			Fresno	7/14/11						¥	2.00		0.50									n	Y	n
L			Fresno	7/14/11			46	LP {<= 10.5"wc		Y	4.00	1	6.00		dt God	ki	No	ne n						
		- 1 - /	Sacramento	7/15/11	2526	A04	3.7	HP (<=60psig)		У	4.00	1	4.00											
es 10	Fresno A	idno	Fresno	7/15/11	T	l	63	LP (<=10.5°wc)		n	6.00	PE 2406/2708 (Yello)	7) 1.00						1	T	T	In	n	I)
esho	Freino A	nono I	Fresno	7/15/11	1	T	63	LP (<=10.5 WE)		n	6.00	PE Z406/Z708 (Yello	7) 1.00							1	1	n	n	n
orth valley	Redding T	nra	Kedding	1/15/11	1080		16	HP (<=60psig)	1963	V	8.00	Steel	0.75	Hot Applied Aspir	alt Po	·	NO	ne y	†	 	9000	t		+
cramento	Sac amento F	asom :	Sacramento	7/15/11	2588	801	- 25	HP (<=60psig)		у	5:00	Steel	4.00	1		-			+	 	+	+		+
ciamento	Sad amento S	in ader	Sacramento	7/16/11	2586	107	33	HP (x=60psig)		V	2.00	Steel	2.00	Hut Applied Asph	it Guo	b l			 	-	duad	+		+
	San Francisco N	disonRising :	San Francisco	0/10/11	1-0-	A05	48	HP (<=60psig)	2011		4.00	PE 2406/2708 (Yello	7) 2.00						 		+	 		+
n Francisco		I	alu:	2/20/44	1070	COS	40	HP (x=60psig)	1963		15.00		4:06	l	Fai		No.	ne v		-	-	ļ		-
n Francisco orth Valley	Redding P	aliread																						1
orth Valley	Redding P	aliread bater	Corporate	7/16/11	2586	107	-33	HP (<=60psig)			3.00	Steel	0.75	Hot Applied Asphalt						Goo		-		-

DIVISION	DISTRICT	ADDRESS STREET	ADDRESS CITY	REPORT	WALLMAP	PLAT	BLOCK	SYSTEM PRESSURE	YEAR INSTALL	CATHODIC PROT Y/N	FEET EXPOSED	MATERIAL	UNE SIZE	COATING TYPE	COATING	CIRCUM WELD COND	EXTERNAL GOUGING	COATING DAMAGED YN	COATING REPAIRED YN	SUPPORT	GOUGING YN	DISCOLOR YN	CRACKING YN	TEECAP CRACK YN
Fresno	Fresno	8alch	Fresno	7/17/11	WALE INDA	1,500	63	LP (<=10.5"wc)	MOTALL	V	6.00	PE 2406/2708 (Yellow)	1.00	COATRIVETRE	50110	COND	GOOGING			COND	2.14	n	В	n n
Fresno	Fresno	E Kings Canyon	Fresno	7/18/11	-		4	HP (<=60psig)		n	4.00	Steel	2.00	Double wrap	Good		None	D		Good				
San Jose	San Jose	Stevens Creek	San Jose	7/19/11	3412	E03	26	HP (<=60psig)	1956	V	6.00	Steel	8.00	Double wrap	Good		None	V	V	Good				-
Sacramento	Sacramento	30th	North Highlands	7/19/11	2465	E08	4	TP (>60psig)		V I	2.00	Steel	0.75	Double wrap	Good		None	V	V	Good				
North Valley	Redding	Lake	Shasta Lake City	7/19/11	1010		2	HP (<=60psig)	1970	v	2.00	Steel	0.75	Tage	Good		None	n		Good				
Kern	Kern	Airport	Bakersfield	7/19/11			45	HP (<=60osig)	1996	n	4.00	PE 2406/2708 (Yellow)	1.25	1							n	n	n	n
San Francisco	San Francisco		San Francisco	7/19/11	4	F03	78	HP (<=60psig)	1994	n	1.00	PE 2406/2708 (Yellow)	2.00								n	n	n	
Fresno	Fresno	Bethel	Sanger	7/20/11	-		1	HP (<=60psig)		v	10.00	Steel	6.00	Hot AppliedAsphalt	Good		None	V	v					
Kern	Kern	Morro	Bakersfield	7/20/11			7	HP (<=60psig)		n	1.00	PE 2406/2708 (Yellow)	0.50								n	n	n	п
Kern	Kern	San Emedio	Taft	7/20/11			20	SHP (<=2Spsig)		n	3.00	PE 2406 (Orange)	0.50								n	n	n	n
North Valley	Redding	Forest	Shasta Lake City	7/20/11	1010		2	HP (<=60psig)	1964	y	3.00	Steel	0.75	Tape	Good		None	п		Good				
North Coast	Ukiah	Myron	Ukiah	7/21/11	2130	C01	2.1	SHP (<=25psig)	1969	v	6.00	Steel	0.75	Extru Coat	Excellent		None	n	n	Good				
Kern	Kern	Keith	Bakersfield	7/21/11			18	HP (<=60psig)		'n	4.00	PE 2406/2708 (Yellow)	0.50									n	n	n
Fresno	Fresno	E Kings Canyon	Fresno	7/21/11	3870		7	HP (<=60psig)			2.00	PE 2406 (Orange)	1.25								n	n	n	n
San Francisco	San Francisco	Foerster	San Francisco	7/21/11			39	HP (<=60psig)	2011			Steel	1.25	Hot AppliedAsphalt	Good		None	п		Good				
Sacramento	Sacramento	Younger Creek	Sacramento	7/22/11	2588	E01	6	HP (<=60psig)		n	2.00	PE 2406 (Orange)	2.00	1							n	n	B	
San Francisco	San Francisco	Noriega	San Francisco	7/22/11			22	1				Steel	4.00	Somastic	Fair		Light	n	n	Good				
Kern	Kern	Meacham	Bakersfield	7/22/11			1	TP (>60psig)		У	1.00	Steel	16.00	Somastic	Good		1	n						
San Francisco	San Francisco	Market	San Francisco	7/22/11	3	815	1.4	LP (<=10.5"wc)	2011	v	6.00	Steel	16.00	Double wrap	Excellent		None	V	V	Good				
Fresno	Fresno	Madison	Fresno	7/22/11	1		8	HP (<=60psig)		V	3.00	Steel	3.00	Hot AppliedAsphalt	Poor		None	v	v					
San Francisco	San Francisco	Caine	San Francisco	7/22/11			72					PE 2406/2708 (Yellow)							-			п	п	n
Sacramento	Sacramento	Tilden	Orangevale	7/22/11	2468	F08	10	HP (<=60psig)		y	4.00	Steel	0.75	†										
Fresno	Fresno	Fulton	Fresno	7/23/11			74	HP (<=60psig)		V	2.00	Steel	0.75	Hot AppliedAsphalt	Poor		None	V	V					
Fresno	Fresno	Trinity	Fresno	7/23/11			46	LP (<=10.5"wc)		ý	2.00	Steel	6.00	Double wrap	Good		None	n		Good				
Kern	Kern	Garden	Bakersfield	7/25/11	5027	108	6	HP (<=60psig)	1994	n	1.00	PE 2406 (Orange)	0.50								п	п	В	D.
North Vailey	Redding	PleasantHills	Anderson	7/25/11	1151	102	24	HP (<=60psig)	2005	n	10.00	PE 2406/2708 (Yellow)	2.00								n	n	n	
North Valley	Redding	PleasantHills	Anderson	7/25/11	1151	302	24	HP (<=60psig)	2005	n	10.00	PE 2406/2708 (Yellow)	2.00								n	n	п	D.
Sacramento	Solano	Bristo!	Fairfield	7/26/11	2777		40	HP (<=60psig)		v	6.00	Steel	2.00	-										
Kern	Kern	Taft		7/26/11	5127		3	HP (<=60psig)		v	3.00	Steel	4.00	Hot AppliedAsphalt	Good		None	V	V					
Kern	Kern	4 Th	Bakersfield	7/26/11			8	HP (<=60psig)		v	3.00	Steel	1.00	Hot AppliedAsphalt	Good		None	v	v	Good				
North Valley	Redding	С	Redding	7/26/11	1080	F02	3	HP (<=60psig)	1963	ý	12.00	Steel	2.00	Double wrap	Fair		None	v	v	Good				
North Coast	Eureka	н	Eureka	7/26/11	849	G01	79	HP (<=60psig)	1951	v	6.00	Steel	4.00	Somastic	10		Light	n						-
North Valley	Redding	Eureka	Redding	7/27/11	1079		1	HP (<=60psig)	1964	v	10.00	Steel	3.00	Hot AppliedAsphalt	Fair		None	n		Good				
North Valley	Redding	Eureka	Redding	7/27/11	1079		1 1	HP (<=60psig)	1964	V V	10.00	Steel	4.00	Double wrap	Good		None	В.		Good				
North Valley	Redding	Eureka	Redding	7/27/11	1079		1	HP (<=60psig)	1976	y	6.00	Steei	2.00	Double wrap	Good		None	n						
San Francisco	San Francisco	Sanchez	San Francisco	7/28/11	2012		64	1.0 (PE 2406/2708 (Yellow)	0.50	To build with	0000						п	п	п	
San Francisco	San Francisco		San Francisco	7/28/11	1		12	HP (<=60psig)	2011	n	2.00	PE 2406/2708 (Yellow)	2.00	-							n	n	n	
Fresno	Fresno	S Temperance	Fowler	7/28/11			7	HP (<=60psig)		D	3.00	PE 2406/2708 (Yellow)	4.00								В	п	В	T D
Fresno	Fresno	Sunland		7/28/11			7	HP (<=60psig)		y	6.00	Steel	4.00	Single wrap	Good		None	п		Good				
Eresno	Fresno	Sunland	Fresno	7/28/11			7	HP (<=60psig)		i i	6.00	Steel	4.00	Single wrap	Good		None	n		Good				
Fresno	Fresno	Sunland	Fresno	7/28/11			7	HP (<=60psig)		ý	8.00	Steel	4.00	Single wrap	Good		None	n		Good				
San Francisco	San Francisco	Prentiss	San Francisco	7/29/11	4		107	HP (<=60psig)	2004	n	2.00	PE 2406/2708 (Yellow)	0.50	1							n	n	B	
Kern	Kern	Sims		7/29/11			23	HP (<=60psig)	1983	n	2.00	PE 2406 (Orange)	2.00								n	n	n	n
San Francisco	-	Rockaway	San Francisco	7/29/11	3	012	14	LP (<=10.5"wc)	2011	n	4.00	Steel	4.00	Hot AppliedAsphalt	Good		None	V	V	Good				
North Valley	Redding	North	Shasta Lake City	7/29/11	1010	808	64	HP (<=60psig)	1964	V	6.00	Steei	0.75	Ероху	Good		None	13	n	Good				
Fresno	Fresno	E Balch	Fresno	8/1/11			39	HP (<=60psig)	2011	v		PE 2406/2708 (Yellow)	1.00	T							n	n	n	n
North Vailey	Redding	Lakeview	Redding	8/1/11	1079	C05	49	HP (<=60psig)	1962		1.00	Steel	2.00	Double wrap	Good		None	n		Good	·····	· · · · · · · · · · · · · · · · · · ·		<u> </u>
Fresno	Fresno	W Shields	Fresno	8/1/11			15	HP (<=60psig)		V	2.00	Steel	2.00	Hot Applie dAsphalt	Fair		None	n						
Fresno	Fresno	S West	Easton	8/1/11	1	·	1	TP (>60psig)		T v	12.00	Steel	16.00	Other	Fair			n	ļ					
North Coast		N State	Ukiah	8/2/11	2129	808	23	SHP (<=25psig)	1955	V	8.00	Steel	6.00	Hot Applie dAsphalt	Fair		None	V	V	Good				
Sacramento	Yolo	1st	Winters	8/2/11	2579	E01	10	HP (<=60psig)	2000	V	2.00	Steel	0.00				.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	<i>'</i>	<u> </u>	1001001				-
San Francisco	San Francisco	Hickory	San Francisco	8/2/11	1		43	HP (<=60psig)				PE 2406/2708 (Yellow)	0.50	1							D	п	п	
San Francisco	San Francisco		San Francisco	8/2/11	5	A13	38	LP (<=10.5°wc)	2011	V	1.00	PE 2406/2708 (Yellow)	1.25	 							n	n	n	
North Valley	Redding	Innauil	Redding	8/2/11	1080		7	HP (<=60psig)	1969	· ·	2.00	Steel	0.75	Double wrap	Fair		None	п	1	Good				
San Francisco	Tree drawing	Page	San Francisco	8/3/11	3	A16	31	HP (<=60psig)	40.00		2.100	PE 2406/2708 (Yellow)	0.50	1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	1		.,,,,,,,	·		- 5555	n	n		
		Leslie	Ukiah	8/3/11	2130	D01	37	TP (>60psig)	1967	v	1.00	Steel	12.00		ļ									-

				REPORT				SYSTEM	YEAR	CATHODIC	FEET				COATING	CIRCUM	EXTERNAL	COATING	COATING	SUPPORT	GOUGING		CRACKING	TEECAP
DIVISION	DISTRICT	ADDRESS STREET	ADDRESS CITY	DATE	WALLMAP	PLAT	BLOCK	PRESSURE	INSTALL	PROTY/N	EXPOSED	MATERIAL	UNE SIZE	COATING TYPE	COND	COND	GOUGING	YN	YN	COND	YN	YN	YN	CRACK YN
Fresno San Francisco	Fresno	W Fresno	Fowler San Francisco	8/3/11 8/3/11	ļ		12	HP (<=60psig)	1996		3.00	PE 2406/2708 (Yellow)	2.00		ļ					 	n	n n	n	n n
North Coast	San Francisco Ukiah	Lake Mendocino	Ukiah	8/4/11	2068	108	Δ	HP (<=60osis)	1968	V	6.00	PE 2406/2708 (Yellow) Steel	2.00	Single wrap	Good		None	D		Good	n	n	n	
Fresno	Fresno	Lake Wielldochio	UKIAN	8/4/11	2008	15/6	116	HP (<=60psig)	1309	n	10.00	PE 2406/2708 (Yellow)	4.00	Stilling Mrah	0000		INDITE.	1	 	GUOG	n	п	n	n
Kern	Kern	Belaire	N Edwards	8/4/11	-		7	HP (<=60psig)		V 11	3.00	Steel Steel	2.00	Double wrap	Good		Light	-	-	-		11		
Fresno	Fresno	S 6th	14 COMBINS	8/6/11	 		35	HP (<=60psig)	1934	V	3.00	Steel	4.00	Hot AppliedAsphalt	Good		None	n	n	Good				
Fresno	Fresno	C		8/6/11	-		55	HP (<=60psig)	1933	v	4.00	Aldyl A	0.50	посмрртеокарнае	9000		IVDAG			0000	п	В	n	n
Fresno	Fresno	E Jensen	Fresno	8/7/11	 		18	HP (<=60psig)	1961	-	2.00	Steel	10.00	Hot AppliedAsphalt	Good		None	l'i		Good				
Sacramento	Sacramento	SSth	Sacramento	8/8/11	2587	A02	58	HP (<=60psig)	2002	y	3.00	Steel	2.00	1100 Pt paper of designation	Gioda		. 1707 (0.		-	0000	-			
Sacramento	Sacramento	Norcade	Sacramento	8/8/11	2527	304	6	HP (<=60psig)		v	4.00	Steei	0.75	Hot Applie dAsphalt	Fair		None	· v	4	Good				
Fresno	Fresno	S West	Fresno	8/8/11	1		7	HP (<=60psig)	2011	n	3.00	PE 2406/2708 (Yellow)	4.00					 	 	1	В	п	n	n
Fresno	Fresno	W Elgin	Fresno	8/8/11	 		12	HP (<=60psig)	1947	У	2.00	P£ 2406/2708 (Yellow)	0.50					 	<u> </u>	 		·		
Fresno	Fresno	E Barstow	Clavis	8/8/11			1	HP (<=60psig)	1950	v	6.00	Steel		Hot AppliedAsphalt	Good		None	n		1	<u> </u>			
Fresno	Fresno	W Elgin	Fresno	8/8/11	1		12	HP (<=60psig)	1947	У	2.00	PE 2406 (Orange)	0.50							1	n	n	n	n
Sacramento	Solano	Weatherly	Vacaville	8/8/11	2715	E08	7	HP (<=60psig)	1972	ý	3.00	Steel	4.00					1		1				
San Jose	San Jose	Forest	SantaClara	8/9/11	3412	E03	5	HP (<=60psig)	1940	y	4.00	Steel	2.00	Double wrap	Good		None	n						
Fresno	Fresno	Tuolumne	Fowler	8/9/11	1		17	HP (<=60psig)	1985	y	2.00	Aldyl A	1.00		1					1	n	n	n	n
Fresno	Fresno	North Hill	Selma	8/9/11				HP (<=60psig)	2011	n	2.00	PE 2406 (Orange)	0.50								n	n	n	n
Fresno	Fresno	E Alta	Fresno	8/9/11			8	HP (<=60psig)		У	3.00	Steel	3.00	Hot AppliedAsphalt	Good		None	п		Good				
Fresno	Fresno			8/9/11			9																	
Fresna	Fresno			8/9/11			9	HP (<=60psig)		n	4.00	PE 2406/2708 (Yellow)	2.00								n	n	n	n
Kern	Kern	21St	Bakersfield	8/9/11			10	HP (<=60psig)	1975	n	1.00	PE 2406 (Orange)	2.00									n	n	n
Fresno	Fresno	E Goshen	Fresno	8/9/11			8	HP (<=60psig)	1988	n	1.00	PE 2406 (Orange)	0.50								n	n	n	n
Kern	Kern	D	Ridgecrest	8/9/11			20	HP (<=60psig)	2011	n	2.00	PE 2406/2708 {Yellow}	1.00								n	n	n	n
Sacramento	Sacramento	3rd	Sacramento	8/10/11	2586	A07	11	HP (<=60psig)		γ	3.00	PE 2406/2708 (Yellow)	2.00								n	п	n	n
Sacramento	Sacramento	Hazel	Orangevale	8/10/11	2468	105	26	HP (<=60psig)		y	6.00	Steel	0.75											
Fresno	Fresno	ETower	Fresno	8/10/11			7	HP (<=60psig)	2011	¥	2.00	PE 2406 (Orange)	0.50								n	n	n	n
Fresno	Fresno	N Polk	Fresno	8/10/11			6	HP (<=60psig)		n	2.00	PE 2406 (Orange)	1.00								n	n	n	n
Fresno	Fresno	E Michigan	Fresno	8/10/11			14	HP (<=60psig)	1994	У	2.00	PE 3408 (Black)	0.00											
North Coast	Ukiah	Talmage	Ukiah	8/10/11	2130	E02	6	SHP (<=25psig)	1999	n	1.00	Aldyl A							ļ		n	n.	n	n
Fresno	Fresno	E Lansing	Fresno	8/11/11			6	HP (<=60psig)	2011	У	7.00	Steel		Double wrap	Good		None	n		Good				
Kern	Kern	10th	Bakersfield	8/11/11			3.4		1968	n	2.00	Steel	4.00	Double wrap	Good		None	n	n	ļ			!	ļ
North Valley	Redding	Argyle	Redding	8/12/11	1080	F08	6	HP (<=60psig)	1990	n	12.00	PE 2406 (Orange)	6.00							ļ	Y	n	n	n
Fresno	Fresno	E Muscat	Fresno	8/12/11	ļ		1	HP (<=60psig)			5.00	Steel	1.00	Hot AppliedAsphalt	Excellent	Acceptable	None	У	У	ļ				
Kern	Kern	22nd	Bakersfield	8/12/11			89	HP (<=60psig)	1997		2.00	PE 2406/2708 (Yellow)	2.00		-					ļ	n	n	n	n
Sacramento	Sacramento	W	Citrus Heights	8/12/11	2467	E03	54	HP (<=60psig)		У	5.00	Steel						ļ		ļ	ļ			
North Coast	Ukiah	Mendocino	Ukiah	8/15/11	2129	E07	1.2	SHP (<=25psig)	1968	Y	10.00	Steel	0.75	Extru Coat	Good		None	n	n	Good				
Fresno	Fresno	S Woodrow	Fresno	8/15/11			- 60	HP (<=60psig)	1974	-	3.00	PE 2406 (Orange)	0.50								n	n	n	n
Fresno	Fresno	N Dearing N Blackstone	Fresno	8/15/11	-	-	53	HP (<=60psig)	1976	n	1.00	Aldyl A	2.00		-		-	-	-	-	n	n	n	n
Fresno	Fresno	N Fine	Fresno	8/16/11	 		16	HP (<=60psig)	2011	n	4.00	PE 2406 (Orange)	1.00							 	D	В	n	- n
Fresno Sacramento	Solano	Redhead	Fresno Suisun	8/16/11	2778	E03	27	HP (<=60psig)	2011	n n	3.00	Pt 2406 (Urange) Aldvi A	0.50	-	-		-	-	-	-	n	n	n	- n
Gas Transmission	GS South	Oak Creek	Needles	8/17/11	5812	A03	0	TP (>60psig)			20.00	Steel	30.00	Hot AppliedAsphalt	Excellent		None	n		Good				
Gas Transmission	GS South	No Road	Needles Needles	8/17/11	5812	A03	0	TP (>60psig)	1950	Y V	10.00	Stee! Stee!	30.00	Hot AppliedAsphalt	Poor		None None	n	n n	Good	-	-		
Gas Transmission	4	No Road	Needles	8/17/11	5812	A03	0	TP (>60psig)	1950	y v	20.00	Steel	30.00	Hot AppliedAsphak	Fair		None	n	H 10	GOOG				
Gas Transmission	GS South	No Road	Needles	8/17/11	5812	A03	0	TP (>60psig)	1950	Y	20.00	Steel	30.00	Hot AppliedAsphalt	Fair		None	n n	1 y	Good		-		-
San Francisco	San Francisco	Clay	San Francisco	8/17/11	1 2012	E12	1 1	HP (<=60psig)	1230	γ	3.00	PE 2406/2708 (Yellow)	2.00	Trus Mpprieumsprids	F (R)		DATE:	1 12	 	GUZU	n	0	n	n
Fresno	Fresno	E Floral	Selma	8/17/11	1	C14	11	HP (<=60psig)		v	2.00	Steel	2.00	Single wrap	Good		None	В	-	Good	 "	11		1 11
Kern	Kern	Warren	Bakersfield	8/17/11	1		1	in (x-oobsig)		Y	2.00	PE 2406 (Orange)	0.50	Single wilds	1301/4		INDIR	 ''	 	13000	D	ρ.	n	
North Coast	Arcata	Eastern	Arcata	8/17/11	784	H02	22	HP (<=60psig)	1947	v	4.00	Steel Steel	0.30	Somastic	Excellent		None	В	W.	Good	 "	11		
Kern	Kern	c c c c c c c c c c c c c c c c c c c	A. vata	8/18/11	104	111/2	16	SHP (<=25osig)	1974	P P	2.00	PE 2406 (Orange)	0.50	201163330	LACEHEIR		IATURE	 	 '	Guod	D	-	n	h
Kern	Kern	1St.	Fellows	8/18/11	+		16	SHP (<=2Spsig)	1974	n	2.00	PE 2406 (Orange)	0.50	-	+			 		1	n	D.	n	l n
Fresno	Fresno	E Garland	Fresno	8/18/11	 	 	42	HP (<=60psig)	12/4	n 1	4.00	PE 2406 (2708 (Yellow)	1.00		 			 	 	 	 	'i	n 1	
Fresno	Fresno	É Lowe	Fresno	8/18/11	-		42	HP (<=60psig)		"	5.00	PE 2406 (Orange)	0.50	+	 						 	I)	n n	n
Fresno	Fresno	N Prospect	Fresno	8/19/11	 		46	· 1/2-00h28()		, n	3.00	PE 2406 (Orange)	0.50	+	 					 	D	II	n n	I
Fresno	Fresno	Montecito	Fresno	8/19/11	 		13	HP (<=60psig)		li v	6,00	Steel	3.00	Hot AppliedAsphalt	Good		None	- 17	11	Good	 	<u>''</u>		
1103110	1.10000	Loronecuro	1.10310	1 0/22/21	<u></u>		1 13	1 in 12-00halk) [Y	0.00	1 Julean	3.00	1-rocabhtenahttar	0000		1 wone	Y	7	1 0000	L			

DIVISION	DISTRICT	ADDRESS STREET	ADDRESS CITY	REPORT	WALL MAP	PLAT	8LOCK	SYSTEM PRESSURE	YEAR INSTALL	CATHODIC PROT Y/N	FEET EXPOSED	MATERIAL	LINESIZE	COATING TYPE	COATING	CIRCUM WELD COND	EXTERNAL GOUGING	COATING DAMAGED YN	COATING REPAIRED YN	SUPPORT	GOUGING	DISCOLOR	CRACKING YN	TEECAP CRACK YN
Fresno	Fresno	É Lansing	Fresno	8/19/11	SAME INIMP	FLMI	2	HP (<=60psig)	INSTALL	n n	5.00	PE 2406 (Orange)	1.00	COMING TIPE	COND	COND	GOOGING	118	F 1 V	COND	n n	D D	D	D D
North Valley	Redding	Argyle	Redding	8/19/11	1080	F08	- 6	HP (<=60psig)	1990	n	12.00	PE 2406 (Orange)	6.00	 	-							n	D D	1 n
Fresno	Fresno	N Hubert	Fresno	8/19/11	1000	rus	1.0	HP (<=60psig)	1990	"	4.00	Steel Steel	2.00	Other	Excellent		None				Y			+
Fresno San Francisco			San Francisco	8/19/11	1 1	E13	52	HP (<=60psig)		- Y	4.00	PE 2406/2708 (Yellow)	0.50	Other	Excellent		None				n	n		+
***************************************	San Francisco	LOCUST	Bakersfield	8/20/11		E15	86	HE (<=000518)			4.00		4.00	-			ļ				n			-
Kern	Kern	-	Bakersfield	8/20/11	 	ļ		100 (1.00 1.1		n	4.00	PE 2406/2708 (Yellow)	2.00	ļ	 							n	n	n
Kern	Kern						68 85	HP (<=60psig)		n n	3.00	PE 2406/2708 (Yellow)	2.00	ļ	 						n n	n	n	n
Kern			Bakersfield	8/20/11	 	 		HP (<=60psig)			5.00	PE 2406/2708 (Yellow)	2.00	 	 						n	П	n	n
Kern	Kern	Berkshire	Bakersfield	8/20/11		-	2.9	HP (<=60psig)	2002	n					-		-			-		ļ		
San Francisco	San Francisco	Diamond	San Francisco	8/22/11	3	D15	65	HP (<=60psig)			7.00	PE 2406 (Orange)	2.00	Hot AppliedAsphalt	Good		None	n						
Fresno	Fresno	Thorne	Fresno	8/23/11			39	HP (<=60psig)		n	7.00	PE 2406 (Orange)	1.25	ł							n	Ð	n	n
Kern	Kern	Meacham	Bakersfield	8/23/11	 		1	TP (>60psig)		Y	1.00	Steel	16.00	Somastic	Good		None	n						ļ
Fresno	Fresno	W Stanislaus	Fresno	8/24/11			20	HP (<=60psig)		n	2.00	PE 2406/2708 (Yellow)	0.50	ļ	Ļ						n	Г	n	п
Fresno	Fresno	De Wolf	Clavis	8/24/11				HP (<=60psig)		n	8.00	PE 2406/2708 (Yellow)	2.00	-								ļ		-
Fresno	Fresno	W Barstow	Fresno	8/24/11	-		5.6	HP (<=60psig)		n	4.00	PE 2406 (Orange)	2.00		-						n	n	n	п
Fresno	Fresno	De Wolf	Clovis	8/24/11			5.2	HP (<=60psig)		n	10.00	PE 2406/2708 (Yellow)	4.00		-							n	n	n
Fresno	Fresno	De Wolf	Clovis	8/24/11				HP (<=60psig)		n	5.00	PE 2406/2708 (Yellow)	4.00	ļ							п	n	n	n
Sacramento	Sacramento	D	Sacramento	8/24/11	2525	G04	9	TP (>60psig)		У	1.00	Steel	1.2.00									ļ		1
Fresno	Fresno	N Cedar	Fresno	8/25/11			8	HP (<=60psig)		У	3.00	PE 2406 (Orange)	0.50								п	n	n	n
Kern	Kern	Н	8akersfield	8/25/11			34	HP (<=60psig)			3.00	Steel		Hot Applie dAsphalt	Good		None	п	B					
Fresno	Fresno	W Gibson	Fresno	8/25/11			29	HP (<=60psig)		n	3.00	PE 2406/2708 (Yellow)	0.50								n	n	n	n
Fresno	Fresno	E	Kerman	8/25/11			16	HP (<=60psig)		п	1.00	PE 2406 (Orange)	0.50								п	n	п	п
Gas Transmission	GS North	Road	Suisun	8/26/11						V		Steel		Somastic	Good			n						
Fresno	Fresno	Holland	Clovis	8/26/11	1	1	48	HP (<=60psig)		n	4.00	PE 2406/2708 (Yellow)	0.50		1						n	n	n	n
Fresno	Fresno	N Wishon	Fresno	8/26/11			3.8	HP (<=60psig)		Y	4.00	Stee!	2.00	Hot Applie dAsphalt	Good		None	y	¥	Good				
North Valley	Redding	Deodar	Redding	8/26/11	1010	104	4	HP (<=60psig)	1977	n				1							n	i	n	n
Fresno	Fresno	W Robinwood	Fresno	8/26/11			8	HP (<=60psig)		n			Ì											
Kern	Kern	K		8/26/11			100	HP (<=60psig)		п	4.00	PE 2406 (Orange)	2.00								п	n	п	п
Kern	Kern			8/26/11	1	1	1	TP (>60psig)	1948	y	1.50	Steel	16.00	Hot Applie dAsphalt	Excellent		None	n	n			Ì		1
Kern	Kern	K	Bakersfield	8/26/11			100	HP (<=60psig)		n	4.00	PE 2406 (Orange)	2.00	1	 						В	n	0	n
Kern	Kern	Gosford	Bakersfield	8/27/11	1	1	2.4	HP (<=60psig)	2011	n	3.00	PE 2406/2708 (Yellow)	4.00	†	1							n	В	n
Fresno	Fresno	W Dudley	Fresno	8/27/11	-	1	5	HP (<=60psig)		V	4.00	Steel	0.75	1	Fair		None	n			D.	n	n	T n
Gas Transmission		No Road	17,23710	8/29/11	-	·		TP (>60psig)	1988	y	10.00	Steel	12.00	Tape	Good		None	n						1
Gas Transmission		Rodriguez	Watsonville	8/29/11	3751	A03	0	TP (>60psig)	1988	V	10.00	Steel	12.00	Tape	Good		None	n	n	Consult P	ipelineEngi	noar		+
Fresno	Fresno	N Van Ness	Fresno	8/29/11	1 3.32	100	5	HP (<=60psig)	2000	n	6.00	PE 2406/2708 (Yellow)	2.00	Tope			WONE			CONSTITUT	n n	n	п	n
North Valley	Redding	Parallel	Shastalake City	8/29/11	1011	C03	20	HP (<=60psig)	1986	- ·-	2.00	Aldyl A	0.50	 	 		 				р.	n n	n	<u> </u>
Fresno	Fresno	N Deing	Fresno	8/29/11	1011	1.03	12	HP (<=60psig)	1300	Y V	6.00	Steel	0.50	Hot AppliedAsphalt	Good		None	-		Good				
Fresno	Fresno	Clovis	Clovis	8/30/11	 	 	52	HP (<=60psig)			4.00	Steel	3.00	Hot AppliedAsphalt	Good		None	n	γ	Good				+
	Fresno		Clovis		 					У		Steel	3.00	·}			None			Good				+
Fresno		Clovis E Richert		8/30/11 8/30/11			52	HP (<=60psig)		У	2.00 9.00	 	2.00	HotAppliedAsphait	Good		170110	Y						+
Fresno	Fresno	c nichert	Fresno		-		16	HP (<=60psig)		Y		Steel PE 2406/2708 (Yellow)	2.00	Double wrap	184		None	Y	¥	Good				+
Kern	Kern	D. d.	Inyokern	8/30/11	0000	0.01	20	HP (<=60psig)	1040	n	3.00	}	 	David Comme			Nana			Cond	n	n	n	n
Kern	Kern	Padre	Bakersfield	8/31/11	5028	D01	3.8	HP (<=60psig)	1949	Y	3.00	Steel	0.75	Double wrap	Pair		None	Y	V	Good				+
North Valley	Redding	North	Redding	8/31/11	1079	J07	19	HP (<=60psig)	1962	У	3.00	Steel	2.00	Double wrap	Good		None							+
Sacramento	Solano	Peabody	Fairfield	8/31/11	2716	101	6	TP (>60psig)		Y	3.00	Steel	6.00	ļ	ļ									
Kern	Kern	Rose	Taft	8/31/11	-		56	SHP (<=2Spsig)		n	5.00	Aldyl A	0.50	ļ	-		-				n	n	n	n
Kern	Kern	Lamar	N Edwards	9/1/11	-		4	HP (<=60psig)	1952	Y		Steel	2.00	Double wrap	Good		None	Y	Y	Good				1
Kern	Kern	Prata	Bakersfield	9/1/11	-		4	HP (<=60psig)	2011	Y	3.00	Steel	2.00	Double wrap	Fair		None	Y	γ	Good				-
Sacramento	Sacramento	Linden	Citrus Heights	9/1/11	2467	805	1	HP (<=60psig)		Y	1.00	Steel	0.75	HotAppliedAsphal	Fair Fair		Light	γ	γ	Good				1
Sacramento	Sacramento	Laguna	Elk Grove	9/1/11	2654	F0.7	1	TP (>60psig)		У	1.00	Steel	8.00	Single wrap	Excellent		None	п	п	Good				1
Sacramento	Sacramento	Laguna	Elk Grove	9/1/11	2654	F07	1	HP (<=60psig)		n	4.00	Steel	6.00											
Sacramento	Sacramento	7th		9/1/11	2525	H03	44	HP (<=60psig)		У														
Fresno	Fresno	Academy	Sanger	9/1/11			57	HP {<=60psig}		у	2.00	PE 2406/2708 (Yellow)	1.00								n	n	n	n
Sacramento	Yolo	Alvarado	Davis	9/2/11	2521	103	26	HP (<=60psig)	1972	y	4.00	Steel	2.00											
North Valley	Redding	Toyon	Shasta Lake City	9/2/11	1010	805	23	HP (<=60psig)	1964	V	3.00	Steel	0.75	Double wrap	Good		None	В				1		T

	1	I			T	Π	T							I	T	CIRCUM	1	COATING	COATING					
				REPORT				SYSTEM	YEAR	CATHODIC	FEET				COATING	WELD	EXTERNAL	DAMAGED	REPAIRED	SUPPORT	GOUGING	DISCOLOR	CRACKING	TEECAP
DIVISION	DISTRICT	ADDRESS STREET	ADDRESS CITY	DATE	WALL MAP	PLAT	BLOCK	PRESSURE	INSTALL	PROT Y/N	EXPOSED	MATERIAL	LINESIZE	COATING TYPE	COND	COND	GOUGING	YN	YN	COND	YN	YN	YN	CRACK Y
Kern	Kern	Α	Taft	9/2/11	1	1.0010	2.0	SHP (<=25psig)	1956	v	3.00	Steel	2.00	Double wrap	Fair	1	None	v	v	Good		1		-
Fresno	Fresno	E Edgar	Fresno	9/2/11	 	†	4	HP (<=60psig)		n	3.00	PE 2406 (Orange)	1.00	The state of the s	1	 	110712	-			р	n	n	n
Sacramento	Sacramento	14th	Sacramento	9/4/11	2587	C07	6	HP (<=60psig)		V.	2.00	Steel	1.25	Single wrap	Good	 	None	Р	п	Good				
Sacramento	Yola	Aivarado	Davis	9/6/11	2521	303	26	HP (<=60psig)	1972	V	2.00	Steel	2.00	Taniar Crisp		 	110115			0.00				1
Sacramento	Yolo	El Cemonte	Davis	9/6/11	2583	A03	3	HP (<=60psig)		· · · · · · · · · · · · · · · · · · ·				-	 	-			ļ					
North Valley	Redding	Hwy299	Fall River	9/6/11	758	D02	1	HP (<=60psig)	1969		2.00	Aldyl A	0.50	 		-	-				п	Р	n	n
Fresno	Fresno	W Dakota	Fresno	9/6/11	1	1 002	66	HP (<=60psig)	2202	v	A.104	,	0.00		1	1				-	<u>:</u>	· · · · · · · · · · · · · · · · · · ·		·
Fresno	Fresno	N Angus	Fresno	9/6/11	3869	t	66	111 (1. 00 ps.15)			4.00	Steel	0.75	1	t	†	None					1		†
Kern	Kern	Duccio	Bakersfield	9/6/11	1	 	2	HP (<=60psig)	2003	n	4.00	PE 2406/2708 (Yellow)	1.00	†	 	<u> </u>	110112				п	п	п	В
Sacramento	Sacramento	East Ranch	Sacramento	9/7/11	2526	10.7	2.7	HP (<=60psig)		n	1.00	PE 2406/2708 (Yellow)	2.00	 	 	†	-				D.	n	n	n
Gas Transmission		No Road	Needies	9/8/11		103	0	TP (>60psig)	1956	v	15.00	Steel	30.00	Hot Applie dAsphalt	Good		None	0	v	Good				
Gas Transmission		No Road	Needles	9/8/11	 	J03	0	TP (>60psig)	1956	V	15.00	Steel	30.00	Hot Applie dAsphalt	Good	 	None	n 1	V	Good				-
Gas Transmission	·	No Road	Needles	9/8/11		103	0	TP (>60psig)	1956	-	10.00	Steel	30.00	Hot Applie dAsphalt	Good	 	None	n	V	Good				-
	GS South	No Road	Needles	9/8/11	5812	A03	0	TP (>60psig)	1950	V	10.00	Steel	30.00	Hot Applie dAsphalt	Good	-	None	n	У	Good				-
Sacramento	Yola	El Cemonte	Davis	9/8/11	2583	B04	16	HP (<=60psig)	1977	n	2.00	Aldyl A	2.00		0000	 	HOTE		-	0000		 		
North Valley	Redding	Mulberry	ShastaLake City	9/8/11	1011	E02	6	HP (<=60psig)	1964	V V	2.00	Steel	0.75	Double wrap	Good	-	None	n		-		 		-
Sacramento	Solano	Davis	Vacaville	9/8/11	2715	D07	3.1	TP(>60 osig)	1504	\	1.00	Steel	4.00	O Cable Wilap	0000		None						·	
Sacramento	Solano	Davis	Vacaville	9/8/11	2715	D07	9.1				1.00	Steel	4.00	 	 	 						-		
	Solano	Davis	Vacaville	9/8/11	2715	D07	9	TP (>60 psig) TP (>60 psig)		y v	1.00	21661	4.00	ļ	 	ļ								
Sacramento	-	1		9/9/11	3868	007	34	Tr (200psig)		- Y	4.00	Character	0.20	11 - 2 2 11 12 1 - 12	Cond	-	None			Good				-
Fresno	Fresno	N West	Fresno	9/9/11	3808	 	54	70 to 00 1 1			4.00	Steel	0.75	Hot AppliedAsphalt	Good		10000	Y	- У	5000			·	
Fresno	Fresno Solano	Clovis	Clovis	9/9/11	2716	007	9	TP (>60psig)		v	1.00	Steel Steel	6.00 4.00	-	-	-	None	-						-
Sacramento		Davis	Vacaville		2715		9	TP(>60psig)		·			4.00	 			-						·	
Sacramento	Solano	Davis	Vacaville	9/9/11	2715	D07	9	TP(>60psig)		У	1.00	Steel	4.00											
Sacramento	Solano Kern	Davis	Vacaville	9/9/11	2715	007		TP (>60psig)		У	4.00	Steel	4.00 8.00	#1		 	None			C == d			·	
Sacramento	Sacramento	Badger Cr		9/10/11	 		1.10	TP (>60psig)		V V	5.00	Steel Steel	12.00	Single wrap	Good	-	Meus	n	n	Good	ļ		·	
	-	Unity Point	Sacramento	9/12/11			119	TP (>60psig)		i		}		 		-								-
Fresno	Fresno	W Dudley	Fresno	9/12/11	2004	207	13	HP (<=60psig)		Y	3.00	PE 2406/2708 (Yellow)	0.50	 		-	-				n	n	n	n
Sacramento	Sacramento	Laguna	Elk Grove	9/12/11	2654	F07	1.	HP (<=60psig)		n	4.00	PE 2406/2708 (Yellow)	6.00	Davids	C-14		Nume	-		Const			·	
Fresno	Fresno	Sierra Madre	Fresno	9/12/11	1221	50.4	3.9	HP (<=60psig)	4004	ν	3.00	Steel	2.00	Double wrap	Good	-	None	n	Y	Good			·	-
North Valley	Redding	Locust	Cottonwood	9/12/11	1221	E04	22	HP (<=60psig)	1991	n	2.00	Aldyl A	0.50	ļ	ļ		ļ					n	П	n
Sacramento	Colusa	Hwy 45	Colusa	9/12/11	2087	C01	1	HP (<=60psig)		У	15.00	PE 2406/2708 (Yellow)	2.00							ļ	n	n	n	
Kern	Kern	Canter	Bakersfield	9/12/11			64	HP (<=60psig)		У	3.00	Steel	2.00	Double wrap	Good		None	У	Y				·	-
Sacramento	Sacramento	S Th	Rio Linda	9/12/11	2465	E01	50	HP (<=60psig)	1959	Y	4.00	Steel	0.75	-		-								
North Coast	Ukiah	Franklin	Willits	9/13/11	1943	E07	8	HP (<=60psig)	1972	n	4.00	Aldyl A	0.50	 	 			-			n	n	n	n
Fresno	Fresno	Kamm	Helm	9/13/11			2				4.00	PE 2406 (Orange)	0.50	-		-	-	-			n		п	n
Fresno	Fresno	N Bond	Fresna	9/13/11	2000	000	53	HP (<=60psig)	1010		8.00	PE 2406 (Orange)	2.00		-						n	n	n	n
Sacramento	Sacramento	Sonoma	Sacramento	9/13/11	2526	C03	6	TP (>60psig)	1943	У	1.00	Steel	12.00	Hot Applie dAsphalt	Good		-	n	n	Good				
Sacramento	Yolo	Main	Woodland	9/13/11	2460	200	3	HP(<=60psig)	2011	n	6.00	PE 2406/2708 (Yellow)	2.00				-						·	-
Sacramento	Solano	Davis	Vacaville	9/14/11	2715	007	9	TP (>60psig)		Y	1.00	Steel	4.00	1		-	-	-				-		-
Fresno	Fresno	N Fresno	Fresno	9/14/11	2745	0.02		HP (<=60psig)			5.00	PE 2406/2708 (Yellow)	4.00	 							п	n	п	n
Sacramento	Solano	Davis	Vacaville	9/14/11	2715	007	9	TP (>60psig)		У	1.00	Steel	4.00	-			-	ļ					·	
Sacramento	Sacramento	Mack	Sacramento	9/14/11	2529	301	27	TP (>60psig)		У	4.00	Steel	10.00				-						·	
Sacramento	Sacramento	Mack	Sacramento	9/14/11	2587	301	2.7	TP (>60psig)		У	2.00	Steel	10.00	ļ			-						·	
North Coast	Ukiah	N Orchard	Ukiah	9/15/11	2130	C01	5	SHP(<=25psig)	1979	n	10.00	PE 2406 (Orange)	2.00	-		-					n	n	n	-
Sacramento	Sacramento	Acacia	Sacramento	9/15/11	2526	C03	2	HP (<=60psig)		Y	18.00	PE 2406/2708 (Yellow)	1.00	Single wrap	Fair		None	n	n	Good				-
Sacramento	Sacramento	Acada	Sacramento	9/15/11	2526	C03	2	HP (<=60psig)		γ	3.00	Steel	4.00	Single wrap	Fair	-	None	n	n	Good				-
Sacramento	Sacramento	Sunrise		9/15/11	2529	J03	2	HP (<=60psig)	1990	Y	2.00	Steel	8.00	-	-		-			<u> </u>			·	
North Valley	Redding	Sharon	Redding	9/15/11	1079	E07	106	HP (<=60psig)	1963	У	4.00	Steel	2.00	Doublewrap	Good	-	None	n		Good			·	-
North Valley	RedBluff	Hwy 99W	Corning	9/15/11	1563	105	3	HP (<=60psig)	1974	n	5.00	Aldyl A	3.00				-	-			п		п	п
Fresno	Fresno	Weber	Kerman	9/15/11			1		1931		12.00			Hot Applie dAsphalt	Poor				n					
Kern	Kern	Poso	Wasco	9/15/11	<u> </u>		11	TP (>60psig)	1993	У	10.00	Steel	2.00	ļ	Good	<u> </u>	None	n		Good				
Fresno	Fresno	N Hughes	Fresno	9/15/11	-		35				2.00	Aldyl A	0.50	-		-	-				n	n	n	-
Sacramento	Sacramento	Acacia	Sacramento	9/15/11	2526	C03	2	HP (<>60psig)		Υ	1.00	Steel	1.2.00		1									

	T			1				1						I	T	CIRCUM	T	COATING	COATING					T
				REPORT				SYSTEM	YEAR	CATHODIC	FEET				COATING	WELD	EXTERNAL	DAMAGED	REPAIRED	SUPPORT	GOUGING	DISCOLOR	CRACKING	TEECAP
DIVISION	DISTRICT	ADDRESS STREET	ADDRESS CITY	DATE	WALL MAP	PLAT	BLOCK	PRESSURE	INSTALL	PROT Y/N	EXPOSED	MATERIAL	LINESIZE	COATING TYPE	COND	COND	GOUGING	YN	YN	COND	YN	YN	YN	CRACK YE
Fresno	Fresno	NRing	Fresno	9/16/11			3				2.00	PE 2406/2708 (Yellow)	2.00								Р	n	n	
Sacramento	Sacramento	Keifer	Sacramento	9/16/11	1		1	HP (<=60psig)		V	2.00	Steel	12.00	1		1	1	1		1				
Fresno	Fresno	С	Fresno	9/16/11			38				3.00	PE 2406/2708 (Yellow)	0.50								n	n	n	n
Sacramento	Solano	Davis	Vacaville	9/16/11	2715	D07	9	TP(>60psig)		У	4.00	Steel	4.00	1						-		1		
Sacramento	Sacramento	Fitch	Sacramento	9/17/11	2527	T	6	HP (<=60psig)		У	9.00	Steel		Hot AppliedAsphal	Fair		1	n	n	Good				
Sacramento	Sacramento	Fitch	Sacramento	9/17/11	2527		6	HP (<=60psig)			8.00	Steel	0.75	Hot AppliedAsphalt	Pair		None	n		Good				
Sacramento	Sacramento	Fitch	Sacramento	9/18/11	2527		- 6	HP (<=60 psig)		У	9.00	Steel	0.75	Hot AppliedAsphalt	Fair		None	n		Good				
Sacramento	Sacramento	Fitch	Sacramento	9/18/11	2527	G03	6	HP (<=60psig)		Y	9.00	Steel	0.75	Hot AppliedAsphalt	Fair		None	n		Good		1		
Sacramento	Sacramento	Fitch	Sacramento	9/18/11	2527	G03	6	HP (<=60psig)		У	9.00	Steel	0.75	Hot AppliedAsphalt	Fair		None	n		Good				
Fresno	Fresno	S Peach	Fresno	9/19/11			1	HP (<=60psig)			4.00	Steel	6.00	Hot AppliedAsphalt	Good			n		Good				
Sacramento	Sacramento	Folsom	Rancho Cordova	9/19/11	2528		3	TP (>60psig)		¥	1.00	Steel	10.00	HotAppliedAsphall	Fair			n	n	Good		1		
Sacramento	Solano	Sierra	Rio Vista	9/19/11	2851		16	HP (<=60psig)		У	3.00	Steel	4.00											
Sacramento	Sacramento	Folsom	Rancho Cordova	9/19/11	2528	F03	40	HP (<=60psig)		¥	1.00	Steel	6.00	HotAppliedAsphali	Fair		1	n	n	Good				
Sacramento	Sacramento	Folsom		9/19/11	2528	H02	4	TP (>60psig)		γ	1.00	Steel	10.00											
North Coast	Fortuna	9th	Fortuna	9/19/11	_984	101.	45	HP (<=60psig)	1951	У	3.00	Steel	3.00	Single wrap	Good	Acceptab	e None	n						
Sacramento	Sacramento	Folsom	Rancho Cordova	9/19/11	2528	H02	1.2	HP (<=60psig)		У	1.00	Steel	6.00											
Sacramento	Sacramento	El Nido	Sacramento	9/19/11	2527	F02	2.7			y	5.00	Steel	2.00	Hot AppliedAsphalt	Good	Acceptable	None	n	У	Good				
Kern	Kern	Laguna	Bakersfield	9/19/11			34	HP (<=60psig)		У	4.00	Steel	2.00	Hot AppliedAsphalt	Good		None	У	у	Good				
Sacramento	Sacramento	Folsom	Rancho Cordova	9/19/11	2528	H02	3	TP (>60psig)		У	1.00	Steel	10.00											
Sacramento	Sacramento	Folsom	Rancho Cordova	9/19/11	2528	F06	5	TP (>60psig)		Y	1.00	Steel	10.00						}			1		
North Coast	Ukiah	E HIII	Willits	9/20/11	1944		1	HP (<=60psig)	1973	n	4.00	PE 2406 (Orange)	0.50								n	n	n	
Fresno	Fresno	E Flora!	Selma	9/20/11			53	HP (<=60psig)			4.00	PE 2406/2708 (Yellow)	1.00								n	n	n	n
Sacramento	Sacramento	Foisom	Rancho Cordova	9/20/11	2528	H02	5	HP (<=60psig)		У	1.00	Steel	6.00	Hot AppliedAsphalt	Pair			n	n	Good				
North Coast	Ukiah	Barbara	Willits	9/20/11	1943	E07	12	HP(<=60psig)	1980	n	10.00	PE 2406 (Orange)	0.50								n	п	n	
Sacramento	Sacramento	Park	Sacramento	9/20/11	2527	A03	9				4.00	Steel	1.00											
Sacramento	Sacramento	Folsom	Rancho Cordova	9/20/11	2528	H02	5	TP (>60psig)		У	1.00	Steel	10.00	Hot AppliedAsphalt	Fair			n	n	Good				
North Valley	Redding	Leona	Shasta Lake City	9/20/11	1011	003	18	HP (<=60psig)	1964	Y	3.00	Steel	0.75	Hot AppliedAsphalt	Good		None	n		Good				
Kern	Kern	Meacham	Bakersfield	9/20/11			2	TP (>60psig)		Y	1.00	Steel	16.00		Good			n	n	Good				
Kern	Kern	18th	Bakersfield	9/20/11			1	HP (<=60psig)		y	2.00	PE 2406 (Orange)	0.50								n	n	n	n
North Coast	Ukiah	Talmage	Ukiah	9/21/11	2130	F05	9	SHP (<=25psig)	2008	n	4.00	PE 2406 (Orange)	0.50								n	n	n	
Kern	Kern			9/21/11			9	HP (<=60psig)			2.00	PE 2406 (Orange)									n	п	n	n
Sacramento	Sacramento	Estates	Sacramento	9/21/11	2527	103	24	HP (<=60psig)		Y	2.00	Steel	2.00											
Fresno	Fresno	С	Avenal	9/21/11			12.	HP (<=60psig)			4.00	Steel	2.00	Hot AppliedAsphalt	Good	1	None	n		Good				
Fresno	Fresno	Beechwood	Fresno	9/21/11	1	1	6	HP (<=60psig)			5.00	PE 2406/2708 (Yellow)	1.00	Hot AppliedAsphalt	Good	1	None	Y	Y	Good				
North Coast	Ukiah	S Dora	Ukiah	9/21/11	2129	F08	43	SHP (<=25psig)	1972	n	4.00	Aldyl A	0.50								n	n	n	
Kern	Kern	Meacham	Bakersfield	9/21/11			1	TP (>60psig)		У	2.00	Steel	12.00	Tape	Good			n	n	Good			L	
Kern	Kern	Meacham	Bakersfield	9/21/11			2	TP (>60psig)		У	1.00	Steei	16.00		Good			n	n	Good				
Sacramento	Sacramento	Cabrillo	Sacramento	9/22/11	2587	C03	46	HP (<=60psig)		У		Steel	2.00	Hot AppliedAsphalt	Fair		None	n	n	Good				
Sacramento	Sacramento	26th	Rio Linda	9/22/11			1.	HP (<=60psig)		y	4.00	Steel		Hot AppliedAsphalt	Fair		None	У	y	Good				
Sacramento	Solano	Tahoe	Rio Vista	9/22/11	2851	E02	2	HP (<=60psig)		Y	3.00	Steel	2.00											
Kern	Kern	Gosford		9/22/11			1	HP (<=60psig)		n	3.00	PE 2406 (Orange)	4.00								n	n	n	n
Sacramento	Sacramento	Bell	Sacramento	9/22/11	2526	G06	17	HP (<=60psig)		У	3.00	Steel	3.00	Hot Applied Asphalt	Fair			n		Good		ļ		
Sacramento	Sacramento		Sacramento	9/22/11	2655	803	3.3	HP (<=60psig)		n	6.00	PE 2406/2708 (Yellow)	2.00								ľ)	n	I)	
Sacramento	Sacramento	3rd	Sacramento	9/23/11	2587	803	3.1	HP (<=60psig)		Y	3.00	Steel	2.00	Single wrap	Fair	1	None	n	n	Good				
Sacramento	Sacramento	61st	Sacramento	9/23/11	2587	C03	42	HP {<=60psig}		Y	1.00	Steel	2.00	Hot AppliedAsphalt	Fair	1	None	n	n	Consult P	i pe li neEng	ineer		1
Sacramento	Sacramento	62nd	Sacramento	9/23/11	2587	C03	3.7	HP (<=60psig)		Y	3.00	Steel	3.00	Single wrap	Fair		None	n	n					-
Sacramento	Sacramento	62nd	Sacramento	9/23/11	2587	C03	37	HP (<=60psig)		Y	3.00	Steel	3.00	Single wrap	Fair		None	n	n	Good				
Sacramento	Sacramento	60th	Sacramento	9/23/11	2587	C03	5.2	HP (<=60psig)		У	4.00	Steel	2.00	HotAppliedAsphalt	Fair		None	n	n	Good		1		
Sacramento	Sacramento	61st	Sacramento	9/23/11	2587	C03	2	HP (<=60psig)		У	4.00	Steel	4.00	HotAppliedAsphalt	Fair	ļ	None	n	n	Good				
Sacramento	Sacramento	62nd	Sacramento	9/23/11	2587	C03	1	HP (<=60psig)	ļ	У	4.00	Steel	4.00	HotAppliedAsphalt	Fair	1	None	ļ	n	Good			4	ļ
Sacramento	Sacramento	61st	Sacramento	9/23/11	2587	C03	42	HP (<=60psig)		У	1.00	Steel	2.00	HotAppliedAsphalt	Fair	-	None	n	n	Good				
Sacramento	Sacramento	60th	Sacramento	9/23/11	2587	C03	49	HP {<=60psig}		У	4.00	Steel	2.00	HotAppliedAsphalt	Fair	-	None	n	n	Good				
Sacramento	Sacramento	60th	Sacramento	9/23/11	2587	C03	49	HP (<=60psig)		Y	3.00	Steel	2.00	HotAppliedAsphalt	Good		None	n	n	Good		L		

																CIRCUM		COATING	COATING					
				REPORT				SYSTEM	YEAR	CATHODIC	FEET				COATING	WELD	EXTERNAL	DAMAGED	REPAIRED	SUPPORT	GOUGING	DISCOLOR	CRACKING	TEECAP
DIVISION	DISTRICT	ADDRESS STREET	ADDRESS CITY	DATE	WALL MAP	PLAT	BLOCK	PRESSURE	INSTALL	PROT Y/N	EXPOSED	MATERIAL	LINESIZE	COATING TYPE	COND	COND	GOUGING	YN	YN	COND	YN	YN	YN	CRACK Y
Sacramento	Yolo	College	Davis	9/23/11	2582	804	41	HP (<=60psig)		y	3.00	Steel	0.75											
Kern	Kern	Patton		9/23/11	1		1	TP (>60psig)			3.00	Steel	16.00	ExtruCoat	Good		1	n		Good				
Kern	Kern	G	Bakersfield	9/23/11			58	HP (<=60psig)		n	3.00	PE 2406/2708 (Yellow)	2.00									n	n	n
Sacramento	Sacramento	Walerga	North Highlands	9/23/11	2466	E04	35	HP (<=60psig)		У	1.00	PE 2406 (Orange)	2.00								n	n	n	
Fresno	Fresno	N Fresno	Fresno	9/24/11			36				5.00	PE 2406 (Orange)			1	T	1				n	n	ľì	
Fresno	Fresno	Fresno	Fresno	9/24/11			36	HP (<=60psig)		n	5.00	PE 2406 (Orange)	2.00								n	n	n	n
Sacramento	Sacramento	Grand	Sacramento	9/26/11	2526	802	89	HP (<=60psig)		y	3.00	Steel	1.50	Single wrap	Fair		None	n	n					
Sacramento	Sacramento	Verano	Sacramento	9/26/11	2526	805	7	HP (<=60psig)		y	3.00	Steel	2.00	Single wrap	Fair		None	n	п	Good				
Sacramento	Sacramento	Mahogany	Sacramento	9/26/11	2526	805	55	HP (<=60psig)		У	3.00	Steel	2.50	Single wrap	Fair		None	n	n	Good				
Sacramento	Sacramento	60th	Sacramento	9/26/11	2587	C03	49	HP (<=60psig)		у	3.00	Steei	2.00	Hot Applie dAsphalt	Good		None	n	n	Good				
Sacramento	Sacramento	60th	Sacramento	9/26/11	2587	C03	51	HP (<=60psig)		V	4.00	Steel	2.00	Hot Applie dAsphalt	Good	1	None	n	n	1				1
Sacramento	Sacramento	62 nd	Sacramento	9/26/11	2587	C03	37	HP (<=60psig)		V	1.00	Steel	3.00	Hot Applie dAsphalt	Good		None	n	n	Good				
Sacramento	Sacramento	62nd	Sacramento	9/26/11	2587	C03	3.7	HP (<=60psig)		V	1.00	Steel	3.00	Hot Applie dAsphalt	Good	-	None	r:	п	Good	<u> </u>	1		
Sacramento	Sacramento	17th	Sacramento	9/26/11	2587	C03	50	HP (<=60psig)		y	4.00	Steel	2.00	Hot Applie dAsphalt	Good		None	n	n	Good				
Sacramento	Sacramento	Cabrillo	Sacramento	9/26/11	2587	C03	22	HP (<=60psig)		ý	4.00	Steel	2.00	Double wrap	Good		None	n	n					
Sacramento	Sacramento	Wymark	Elk Grove	9/26/11	2654		52	HP (<=60psig)		<u> </u>	6.00	PE 2406/2708 (Yellow)	4.00	1	T			l			n	n	n	1
Sacramento	Sacramento	Wymark	Elk Grove	9/26/11	2654	H07	5.2	HP (<=60psig)			8.00	PE 2406/2708 (Yellow)	4.00	†	<u> </u>	†	†			<u> </u>		·		1
Kern	Kern	Dolphin	Ridgecrest	9/26/11	1		9	HP (<=60psig)		n	5.00	PE 2406 (Orange)	4.00		 	 	†			 	n	n	п	n
Sacramento	Sacramento	Howe	Sacramento	9/26/11	2526	G06	9	HP (<=60psig)	~~~~~~	V	0.50	PE 2406 (Orange)	1.00	·	1	 	 	<u> </u>	<u></u>	 	i	n	n	-
Sacramento	Sacramento	Edison	Sacramento	9/26/11	2527	803	8	HP (<=60psig)		v	3.00	Steel	0.75	HotAppliedAsphalt	Fair	<u> </u>	None	V	V	Good	·			
Sacramento	Solano	Davis	Vacaville	9/27/11	2715	007	9	TP (>60psig)		1	1.00	Steel	4.00	Tro Crepping an approve	1		11000			0004	-	-		
Sacramento	Sacramento	54th	Sacramento	9/27/11	2587	C02	55	LP (<=10.5"wc)		T V	8.00	Wroughtiren	2.00	Bare/None	Fair		Light	l n	n	Good				+
Sacramento	Sacramento	57th	Sacramento	9/27/11	2587	C03	70	LP (<=10.5"wc)		- V	4.00	Steel	4.00	Hot AppliedAsphalt	Fair	 	None	<u> </u>	n	Good				
Sacramento	Sacramento	Belmont	Sacramento	9/27/11	2526	C03	37	HP (<=60psig)		- '	3.00	Steel	2.00	Single wrap	Fair		None	<u>''</u>	n	Good		1		
Sacramento	Sacramento	Belmont	Sacramento	9/27/11	2526	C03	37	HP (<=60psig)		Ϋ́Υ	3.00	Steel	2.00	Single wrap	Fair	 	None	n	n	Good	ļ	1		
Sacramento	Sacramento	Belmont	Sacramento	9/27/11	2526	C03	37	HP (<=60psig)		- Y	3.00	Steel	2.00	Single wrap	Fair		None	'i	n	Good				
Sacramento	Sacramento	62nd	Sacramento	9/27/11	2587	C03	37	HP (<=60psig)		V V	4.00	Steel	3.00	Hot AppliedAsphalt	Good	 	None	n	n	Good		-		+
Sacramento	Sacramento	62nd	Sacramento	9/27/11	2587	C03	3.7	HP (<=60psig)		Y	4.00	Steel	3.00	Hot AppliedAsphalt	Good	 	None	'i	n	Good		-		+
Sacramento	Sacramento	62nd	Sacramento	9/27/11	2587	C03	3.7	HP (<=60psig)		y y	4.00	Steel	3.00	Hot AppliedAsphalt	Fair	 	None	<u> </u>	n	Good		-		
Sacramento	Sacramento	Oak	Citrus Heights	9/27/11	2467	E08	8	HP (<=60psig)		-	4.00	Steel	4.00	TTO EMPORTE GROOTING	1 311	 	Ivene	ļ'i	ļ	Good		1		
Fresno	Fresno	N College	Fresno	9/27/11	2407	Euo	65	HP (<=60psig)		n Y	2.00	PE 2406/2708 (Yellow)	2.00	ļ	 	 	 				n		n	
North Bay	Marin	Centro West	Tiburon	9/27/11	3042	806	16	HP (<=60psig)		n	2.00	FE 2400, 2706 (TEROW)	2.00	-		 					<u> </u>			
	Marin	Centro West	Tiburon	9/27/11	3042	806	16	HP (<=60psig)			3.00	PE 2406/2708 (Yellow)	1.00	-	 	 	 					n n	n	
North Bay	117100111	Gerber		9/28/11	5042	800	1.0	TP (>60psig)		-	1.00	Steel Steel	8.00	Double wrap	Good	 	 			Good	- Y			
Sacramento	Sacramento	Opal	Sacramento Sacramento		2000	C03	200			Y	3.00	Steel	3.00		Fair	 	None	n n	n	Good				
	Sacramento	Diamond	Sacramento	9/28/11	2526 2526	CO3	15 25	HP (<=60psig) HP (<=60psig)		Y V	3.00	Steel	2.00	Single wrap Single wrap	Fair	 	 	II	n			-		
Sacramento			Satiamento		2320	003	25	-		<u> </u>	3.00			Single wrap	Fair	 	None	<u> </u>	n	Good	ļ			
Kern	Kern	Oak Creek 60th	Sacramento	9/28/11	2007	C03	48	TP (>60psig)		Y	4.00	Steel Steel	6.00 2.00	Unit A marking distribution	Fair	 	None	n	n	Good				
Sacramento	Sacramento	60th		9/29/11	2587	C03		HP (<=60psig)		Y	4.00	Steel	2.00	HotAppliedAsphalt	Fair		None	n n	n					
	- Contractive	 	Sacramento				51	HP (<=60psig)		Y				Hot AppliedAsphalt			110110			Good				
Sacramento	Sacramento	60th	Sacramento	9/29/11	2587	C03	51	HP (<=60psig)		У	4.00	Steel	2.00	Hot AppliedAsphalt	Fair	 	None	n	n	Good				
Sacramento	Sacramento	60th	Sacramento	9/29/11	2587	C03	49	-	1000	γ	4.00	Steel	2.00	Hot AppliedAsphalt	Good		None	n	n	Good		 		┼──
Kern	Kern	White	Bakersfield	9/29/11	+		1	1101	1980	n	8.00	PE 2406/2708 (Yellow)	4.00			 					n	n	n	n
Kern	Kern	Columbus	Bakersfield	9/29/11			15	HP (<=60psig)	1975	n	4.00	PE 2406 (Orange)	0.50	-							n	n	n	n
Fresno	Fresno	E Tulare	Fresno	9/29/11			21	HP (<=60psig)		n	2.00	PE 2406 (Orange)	3.00	-							n	n	n	n
Kern	Kern	Bucknell	Bakersfield	9/30/11	2027	200	94	HP (<=60psig)		Y	2.00	PE 2406 (Orange)	0.50	C	-			-		0	n	n	n	n
Sacramento	Sacramento	Walt	Sacramento	9/30/11	2527	E02	3.2	HP (<=60psig)		Y	2.00	Steel	2.00	Single wrap	Good		None	Y Y	Y	Good	-			+
Sacramento	Sacramento	62 nd	Sacramento	10/3/11	2007	C04	64	HP (<=60psig)		Y	2.00	Steel	3.00	Hot AppliedAsphalt	Fair		None	n	n	Good				+
Sacramento	Sacramento	62nd	Sacramento	10/3/11	2587	C04	8	HP (<=60psig)		У	4.00	Steel	4.00	Hot AppliedAsphalt	Fair	 	None	n	n	Good	ļ			+
Sacramento	Sacramento	Academy	Sacramento	10/3/11	2526	C04	25	HP (<=60psig)		Y	4.00	Steel	2.00	Single wrap	Fair		None	n	n	Good			,	
Sacramento	Sacramento	Judah	Sacramento	10/3/11	2526	C04	3.2	HP (<=60psig)		Y	4.00	Steel	2.00	Single wrap	Fair		None	n	n	Good		-		
Sacramento	Sacramento	Judah	Sacramento	10/3/11	2526	C04	3.2	HP (<=6Ωpsig)		У	3.00	Steel	2.00	Single wrap	Fair	ļ	None	<u>n</u>	n	Good	ļ			
Sacramento	Sacramento	Meer	Sacramento	10/3/11	2586	C04	5	HP (<=60psig)		У	4.00	Steel	2.00	HotAppliedAsphalt	Good	-	None	В	n	Good				-
Sacramento	Sacramento	Meer	Sacramento	10/3/11	2586	C04	5	HP (<= 60psig)		Y	4.00	Steel	2.00	HotAppliedAsphalt	Good	1	None	n	n	Good		1		

	T			T	T	I	Γ			I				T	T	CIRCUM	T	COATING	COATING	1				
				REPORT				SYSTEM	YEAR	CATHODIC	FEET				COATING	WELD	EXTERNAL	DAMAGED	REPAIRED	SUPPORT	GOUGING	DISCOLOR	CRACKING	TEECAP
DIVISION	DISTRICT	ADDRESS STREET	ADDRESS CITY	DATE	WALL MAP	PLAT	BLOCK	PRESSURE	INSTALL	PROT Y/N	EXPOSED	MATERIAL	LINESIZE	COATING TYPE	COND	COND	GOUGING	YN	YN	COND	YN	YN	YN	CRACK YN
Sacramento	Sacramento	61st	Sacramento	10/3/11	2587	C03	1	HP (<=60psig)		v	4.00	Steel	4.00	Hot AppliedAsphalt	Fair		None	n	n	Good				
Sacramento	Sacramento	62nd	Sacramento	10/3/11	2587	C03	3.7	HP (<=60psig)		V	4.00	Steel	3.00	Hot AppliedAsphalt	Fair		None	n	n	Good				
Sacramento	Sacramento	62nd	Sacramento	10/3/11	2587	C03	37	HP (<=60psig)		У	4.00	Steel	3.00	Hot AppliedAsphalt	Fair		None	п	n	Good				
Kern	Kern	Beardsley	Bakersfield	10/3/11	4930		5	HP (<=60psig)	1999	п	2.00	PE 2406/2708 (Yellow)	0.50			-						п	п	n
Fresno	Fresno	Nebraska	Selma	10/3/11	1		9	LP {<=10.5"wc]		У	6.00	Steel	3.00	Hot AppliedAsphalt	Good	T	None	n	n					
Fresno	Fresno	Nebraska	Selma	10/3/11			9	HP (<=60psig)		γ	6.00	Steel	3.00	Hot AppliedAsphalt	Good		None							
Sacramento	Sacramento	Front	Sacramento	10/3/11	2525	102	50	HP (<=60psig)		у	4.00	Steel	2.00	Other	Excellent		None	n		Good				
Sacramento	Sacramento	Front	Sacramento	10/3/11	2525	102	5.0	HP (<=60psig)		γ	4.00	Steel	2.00	Other	Excellent		None	n		Good				
Sacramento	Sacramento	62nd	Sacramento	10/4/11	2587	C04	64	HP (<=60psig)		У	2.00	Steel	3.00	Hot AppliedAsphalt	Fair		None	n	n	Good				
Sacramento	Sacramento	P	Sacramento	10/4/11	2526	C04	26	HP (<=60psig)			3.00	Steel	2.00	Single wrap	Fair		None	n	n	Good				
Sacramento	Sacramento	62nd	Sacramento	10/4/11	2587	C03	3.7	HP (<=60psig)		Y	4.00	Steel	3.00	Hot AppliedAsphalt	Fair		None	n	n	Good				
Sacramento	Sacramento	62nd	Sacramento	10/4/11	2587	C04	64	HP (<=60psig)		У	4.00	Steel	2.50	Hot AppliedAsphalt	Fair			n	n	Good				
Sacramento	Sacramento	62nd	Sacramento	10/4/11	2587	C04	64	HP (<=60psig)		У	2.00	Steel	3.00	Hot AppliedAsphalt	Fair		None	n	n	Good				
Sacramento	Sacramento	62nd	Sacramento	10/4/11	2587	C04	37	HP (<=60psig)		Y	4.00	Steel	3.00	Hot AppliedAsphalt	Fair		None	n	n	Good				
Sacramento	Sacramento	62nd	Sacramento	10/4/11	2587	C04	62.	HP (<=60psig)		У	4.00	Steel	3.00	Hot AppliedAsphalt	Fair		None		n	Good				
Sacramento	Sacramento	Del Paso	Sacramento	10/4/11	2526	C04	13	HP (<=60psig)		У	3.00	Steel	2.00	Single wrap	Fair		None		n	Good				
Sacramento	Sacramento	Del Paso	Sacramento	10/4/11	2526	C04	12	HP (<=60psig)		У	3.00	Steel	2.00	Single wrap	Fair		None	n	n					
Sacramento	Sacramento	Ινγ	Sacramento	10/4/11	2526	C04	36	HP (<=60psig)		У	3.00	Steel	2.00	Single wrap	Fair		None	n	n	Good				
Sacramento	Sacramento	Meer	Sacramento	10/4/11	2586	C04	5	HP (<=60psig)		¥	3.00	Steel	2.00	Single wrap	Fair		None	n	n	Good				
Sacramento	Sacramento	Меег	Sacramento	10/4/11	2586	C04	5	HP (<=60psig)		γ	3.00	Steel	2.00	Single wrap	Fair		None	n	n					
Kern	Kern	Kern	Taft	10/4/11			4	SHP (<=25psig)	1949	У	6.00	Steel	2.00	Hot AppliedAsphalt	Good		None	У	У	Geod				
Sacramento	Sacramento	Palmer	Sacramento	10/5/11	2526	C04	46	HP (<=60psig)			3.00	Steel	2.00	Single wrap	Fair		None	n	п	Good				
Sacramento	Sacramento	Palmer	Sacramento	10/5/11	2526	C04	46	HP (<=60psig)		У	3.00	Steel	2.00	Single wrap	Fair		None	n	n	Good				
Sacramento	Sacramento	62nd	Sacramento	10/5/11	2587	C04	64	HP (<=60psig)		У	1.00	Steel	3.00	Hot Applie dAsphalt	Fair		None	n	В	Good				
Sacramento	Sacramento	62nd	Sacramento	10/5/11	2587	C04	64	HP (<=60psig)		γ	1.00	Steel	3.00	Hot Applie dAsphalt	Fair		None	n	n	Good				
Sacramento	Sacramento	62nd	Sacramento	10/5/11	2587	C04	62	HP (<=60psig)		γ	4.00	Steel	3.00	Hot AppliedAsphalt	Fair		None	n	п	Good				
Sacramento	Sacramento	62nd	Sacramento	10/5/11	2587	C03	37	HP (<=60psig)		γ	4.00	Steel	3.00	Hot Applie dAsphalt	Fair		None	n	п	Good				
Sacramento	Sacramento	62nd	Sacramento	10/5/11	2587	C03	37	HP (<=60psig)		γ	4.00	Steei	3.00	Hot Applie dAsphalt	Fair		None	n	n	Good				
Sacramento	Sacramento	Meer	Sacramento	10/5/11	2586	C04	6	HP (<=60psig)		¥	4.00	Steel	2.00	Hot Applie dAsphalt	Fair		None	n	B					
Sacramento	Sacramento	Meer	Sacramento	10/5/11	2586	C04	5	HP (<=60psig)		У	4.00	Steel	2.00	Hot AppliedAsphalt	Fair		None	n	n	Good				
Fresno	Fresno	E Minarets	Fresno	10/5/11			15			γ	3.00	Steel	2.00	Hot Applie dAsphalt	Poor		Light	У	y	Good				
Fresno	Fresno	Herndon	Clovis	10/5/11			1	HP (<=60psig)		n	6.00	PE 2406 (Orange)	4.00								n	n	п	n
Sacramento	Sacramento	16th	Sacramento	10/6/11	2586	C04	24	HP (<=60psig)		γ	3.00	Steel	2.00	Single wrap	Fair		None	n	n	Good				
Sacramento	Sacramento	16th	Sacramento	10/6/11	2586	C04	24	HP (<=60psig)		γ	4.00	Steel	2.00	Single wrap	Fair		None	n	n	Good				
Sacramento	Sacramento	62nd	Sacramento	10/6/11	2587	C04	64	HP (<=60psig)		γ	1.00	Steel	3.00	Hot Applie dAsphalt	Poor		None	n	n	Good				
Sacramento	Sacramento	62nd	Sacramento	10/6/11	2587	C04	64	HP (<=60psig)		У	2.00	Steel	3.00	Hot Applie dAsphalt	Poor			n	n	Good				
Sacramento	Sacramento	62nd	Sacramento	10/6/11	2587		3.7	HP (<=60psig)		¥	4.00	Steel	3.00	Hot Applie dAsphalt	Fair		None	n	n	Good				
Sacramento	Sacramento	62nd	Sacramento	10/6/11	2587	C03	37	HP (<=60psig)		y	4.00	Steel	3.00	Hot AppliedAsphalt	Fair		None	n	n	Good				
Sacramento	Sacramento	Staggs	Sacramento	10/6/11	2586	C04	36	HP (<=60psig)		y	4.00	Steel	2.00	HotAppliedAsphalt	Good		None	n	n	Good				
Sacramento	Sacramento	20th	Sacramento	10/6/11	2586	C04	16	HP (<=60psig)		y	4.00	Steel	2.00	Single wrap	Fair		None	n	n	Good				
Sacramento	Sacramento	62nd	Sacramento	10/6/11	2587		37	HP (<=60psig)		¥	4.00	Steel	3.00	HotAppliedAsphalt	Pair		None	n	n	Good				
Fresno	Fresno	Thesta	Fresno	10/6/11			39			У	2.00	Steel	0.50								n	n	n	n
Sacramento	Sacramento	16th	Rio Linda	10/7/11	2587	C04	64	HP (<=60psig)		У	4.00	Steel	3.00	Hot AppliedAsphalt	Poor		None	n	n	Good				
Sacramento	Sacramento	18th	Sacramento	10/7/11	2587	C04	13	HP (<=60psig)		y	1.00	Steel	2.00	HotAppliedAsphalt	Fair		None	n	n	Good				
Sacramento	Sacramento	18th	Sacramento	10/7/11	2587	C04	13	HP (<=60psig)		¥	1.00	Steel	2.00	Hot AppliedAsphalt	Fair		None	n	n	Good				
Sacramento	Sacramento	19th	Sacramento	10/7/11	2587	C04	62	HP (<=60psig)		y	4.00	Steel	3.00	HotAppliedAsphalt	Fair		None	n	n	Good				
Sacramento	Sacramento	20th	Sacramento	10/7/11	2586	C04	24	HP (<=60psig)		¥	3.00	Steel	1.50	Single wrap	Pair		None	n	n	Good				
Sacramento	Sacramento	62nd	Sacramento	10/7/11	2587	C04	64	HP (<=60psig)		У	4.00	Steel	3.00	Hot AppliedAsphalt	Poor		None	n	n	Good				
Sacramento	Sacramento	Joaquin	Sacramento	10/7/11	2586	C04	35	HP (<=60psig)		Y	4.00	Steel	2.00	Hot AppliedAsphalt	Fair		None	n	n	Good				
Sacramento	Sacramento	Joaquin	Sacramento	10/7/11	2586	C04	35	HP (<=60psig)		У	4.00	Steel	2.00	Hot AppliedAsphalt	Fair		None	n	n	Good				
Sacramento	Sacramento	Staggs	Sacramento	10/7/11	2586	C04	36	HP (<=60psig)		У	4.00	Steel	2.00	Hot AppliedAsphalt	Good			п	n	Good	n	n	п	n
Sacramento	Sacramento	15th	Sacramento	10/7/11	2586	C04	28	HP (<=60psig)		У	3.00	Steel	2.00	Single wrap	Fair		None	n	n	Good				
Fresno	Fresno	W Ashlan	Fresno	10/7/11			1	TP (>60psig)		Y	9.00	Steel	4.00	ExtruCoat	Excellent		None	У	Ý	Good				

				T	T											CIRCUM	1	COATING	COATING					
				REPORT				SYSTEM	YEAR	CATHODIC	FEET				COATING	WELD	EXTERNAL	DAMAGED	REPAIRED	SUPPORT	GOUGING	DISCOLOR	CRACKING	TEECAP
DIVISION	DISTRICT	ADDRESS STREET	ADDRESS CITY	DATE	WALL MAP	PLAT	BLOCK	PRESSURE	INSTALL	PROT Y/N	EXPOSED	MATERIAL	LINESIZE	COATING TYPE	COND	COND	GOUGING	YN	YN	COND	YN	YN	YN	CRACK YN
Kern	Kern	Benton	Bakersfield	10/8/11			57	HP (<=60psig)			4.00	Steel	2.00				None							
Sacramento	Sacramento	61st	Sacramento	10/10/11	2587	C03	42	HP (<=60psig)		y	1.00	Steel	2.00	Hot AppliedAsphalt	Fair	1	None	n	n	Good				
Sacramento	Sacramento	21st	Sacramento	10/10/11	2586	C04	20	HP (<=60psig)		V	3.00	Steel	2.00	Single wrap	Fair		None	n	n	Good			1	
Sacramento	Sacramento	63rd	Sacramento	10/10/11	2587	C04		HP (<=60psig)		٧	1.00	Steel	2.00	Hot AppliedAsphalt	Fair	<u> </u>	None	n	п	Good				
Fresno	Fresno	7th	Sanger	10/10/11	1		58			v	9.00	Steel	3.00	Hot AppliedAsphalt	Fair		None	V	ν		····			
Fresno	Fresno	Shaw	Fresno	10/10/11	3803		24			y	5.00	Steel	4.00	Hot AppliedAsphalt	Good		None	n		Good				
Kern	Kern			10/11/11			48	HP (<=60psig)		n	3.00	PE 2406 (Orange)	2.00		1		1				n	n	n	n
Fresno	Fresno	Fairview	Fresno	10/11/11	1		7	HP (<=60psig)		n	2.00	PE 2406/2708 (Yellow)	4.00		1	1	1				n	п	п	n
Fresno	Fresno	N Warren	Fresna	10/11/11	1		16	HP (<=60psig)		y	8.00		2.00	Hot Applie dAsphalt			None	V	V	Good	n	п	п	п
Fresno	Fresno	N Forkner	Fresno	10/11/11	1		19	HP (<=60osig)		V	9.00	Steel	2.00	Hot Applie dAsphalt	Good	<u> </u>	None	V	v	Good	n	n	n	n
Fresno	Fresno	S Hughes	Fresno	10/11/11	1		4			n	2.00	PE 2406/2708 (Yellow)	1.00	1	-	†	1				D	n	D	n
Sacramento	Sacramento	15th	Sacramento	10/12/11	2587	C03	24	HP (<=60psig)		v	1.00	Steel	2.00	Hot Applie dAsphalt	Fair		None	n	n	Good		-		
Kern	Kern	ElSerento	Bakersfield	10/12/17	1		51	HP (<=60psig)		V	3.00	Steel	2.00	11001199110010010	Fair	 	None	V	v	Good				-
Fresno	Fresno	Howard	Biola	10/12/11	1		1	TP (>60psig)		V	6.00	Steel	4.00	Hot Applie dAsphalt	1	-	None	V	V	GOOR				
Fresno	Fresno	10Th	Fresno	10/12/11	+		11	HP (<=60psig)	1953	Y Y	2.00	PE 2406 (Orange)	2.00	Trock with the mapping to	 	 	110110	 	, , , , , , , , , , , , , , , , , , ,		П	п	п	п
Fresno	Fresno	Via Monte Verde	Fresno	10/12/11	+		4	TP (>60psig)		V	2.00	Steel	2.00	Double wrap	Excellent	 	None	n		Good	·			-
Sacramento	Sacramento	15th	Sacramento	10/12/11	2587	C03	2.4	HP (<=60psig)		Y V	1.00	Steel	2.00	Hot Applie dAsphalt	Fair	 	None	n n	n	Good		 	·	-
North Coast	Ukiah	Norgard	Ukiah	10/13/11	2130	G01	6	SHP(<=25psig)	1986	n	6.00	Steel	8.00	Single wrap	Good	 	None	n	n	Good		-		
Sacramento	Sacramento	16th	Sacramento	10/13/11	2587	C03	21	HP (<=60psig)		<u>'</u>	1.00	Steel	2.00	ExtruCoat	Fair	 	None	n n	n	Good				ļ
Sacramento	Sacramento	16th	Sacramento	10/13/11	2587	C03	21	HP (<=60psig)		V	1.00	Steel	2.00	Hot Applie dAsphalt	Fair	-	None	n	n	Good				-
Sacramento	Sacramento	16th	Sacramento	10/13/11	2587	003	21				1.00	Steel	2.00	-	Fair		None	n	n n	Good				-
Kern	Kern	-		10/13/11	5447	car	2	HP (<=60psig)	10.00	V V	1.00	Steel	2.00	Hot AppliedAsphalt	+	-		V V	V	0000				-
		Lorene	N Edwards	-	5447	C05		HP (<=60psig)	1965			 		Double wrap	Good	 	Heavy	- Y	У				·	
Kern	Kern	Burton		10/13/11	1 2522	000	41	HP (<=60psig)		У	4.00	Steel Steel	2.00	Hot AppliedAsphalt	Fair Fair		None	Y	У	Good			·	
Sacramento	Sacramento	16th	Sacramento	10/14/11	2587	C03	21	HP (<=60psig)		Y	1.00		~~~~	Hot AppliedAsphalt	Fair		None None	n	n	Good			·	ļ
OCOTOTICE TO	Sacramento	162	Sacramento	10/14/11	2587	C03	21	HP (<=60psig)		Y		Steel	2.00	Hot AppliedAsphait			None	n	n	Good			·	
Sacramento	Sacramento	62nd	Sacramento	10/14/11	2587	C03	37	HP (<=60psig)		Y	4.00	PE 4710 (Black)	3.00	Double wrap	Good		None	n	n	Good				-
Kern	Kern	Kern Canyon	Bakersfield	10/14/11	4932	-	1	HP (<=60psig)		n	1.00	PE 2406/2708 (Yellow)	8.00	10.00 10.00 1.00			 							
Kern	Kern	Union	Bakersfield	10/14/11	4		- 5	HP (<=60psig)		Υ	3.00	Steel	2.00	Hot AppliedAsphalt	Good		None	У	- У	Good				
Fresno	Fresno	Fresno	Fresno	10/14/11	 		8	HP (<=60psig)		n	2.00	Aldyl A	3.00				ļ				n	п	п	n
Fresno	Fresno	11th	Fresno	10/14/11			48	HP (<=60psig)		n	3.00	PE 2406/2708 (Yellow)		 	ļ		 				n	n	n	n
Sacramento	Sacramento	4Sth	Sacramento	10/17/11	2587	C01	48	HP (<=60psig)		У	4.00	Steel	2.00	Hot AppliedAsphalt	Fair		None	n	n	Good				
Kern	Kern	Lexington	Bakersfield	10/17/11			14	HP (<=60psig)		У	4.00	Steel	0.75	Double wrap	Good		None	У	У	Good				
Fresno	Fresno	W Clinton	Fresno	10/17/11			3			¥	5.00	Steel	0.75	Double wrap	Good		None	n						
Fresno	Fresno	California	Fresno	10/17/11	-		1	HP (<=60psig)		n	1.00	PE 2406/2708 (Yellow)	4.00		ļ		ļ	ļ			n	n	n	n
Sacramento	Sacramento	D	Sacramento	10/17/11	2525	604	11	TP (>60psig)		γ	1.00	Steel	12.00	-	ļ								·	-
Sacramento	Sacramento	Meer	Sacramento	10/18/11	2586	C04	1.1	HP (<=60psig)		У	4.00	Steel	2.00	Hot AppliedAsphalt	Fair		None	n	n	Good			·	ļ
North Coast	Ukiah	E San Francisco	Willits	10/18/11	1 1943	E08	1	HP (<=60psig)	1973	n	4.00	Aldyl A	4.00				ļ				п	п	п	ļ
Kern	Kern	4 Th	Taft	10/18/11			60	SHP (<=2Spsig)		n	2.00	PE 2406/2708 (Yellow)	1.25		ļ		ļ				n	n	n	I n
Kern	Kern	14th	Bakersfield	10/18/11			1.6			n	2.00	PE 2406/2708 (Yellow)	2.00	ļ			ļ				n	n	n	n
Sacramento	Sacramento	Fegan	Sacramento	10/19/11	·	C04	37	HP (<=60psig)		У	4.00	Steel	2.00	HotAppliedAsphalt	Good		None	n	n	Good				
Sacramento	Sacramento	Joaquin	Sacramento	10/19/11	2586	C04	35	HP (<=60psig)		γ	3.00	Steel	2.00	Hot AppliedAsphalt	Good		None	n	n	Good			ļ	
Kern	Kern	Niles	Bakersfield	10/19/1:	14		7	HP (<=60psig)		У	3.00	Steel	0.75	Double wrap	Good		None	n	n	Good				-
Kern	Kern			10/19/11	-		40	HP (<=60psig)		Y	2.00	Steel	2.00	Double wrap	Fair		None	У	У					
Kern	Kern	Tyler		10/19/11	1	ļ	2.6	SHP (<=2Spsig)		У	6.00	PE 2406 (Orange)	2.00		ļ		ļ				n	n	n	n
Fresno	Fresno	3rd	Kettleman City	10/19/11			23	HP (<=60psig)		Y	2.00	PE 2406/2708 (Yellow)	0.50	1							n	n	n	n
Fresno	Fresno	N Blackstone	Fresno	10/19/11			19	HP (<=60psig)		γ	7.00	Steel	2.00	Hot AppliedAsphalt	Good		None	п	п					
Fresno	Fresno	W Vəssar	Fresno	10/19/11			33	HP (<=60psig)		γ	4.00	Steel	3.00	Bare/None			None						·	1
Sacramento	Sacramento	52nd	Sacramento	10/20/11	2587	C02	77	HP (<= 60psig)		У	4.00	Steel	2.00	ExtruCoat	Good		None	п	п	Good				
Sacramento	Sacramento	52nd	Sacramento	10/20/11	2587	C02	77	HP (<=60psig)		Y	4.00		2.00	Extru Coat	Good		None	n	n	Good				
Kern	Kern	0	Bakersfield	10/20/11			64	HP (<=60psig)		n	4.00	PE 2406 (Orange)	0.50								n	n	n	n
Fresno	Fresno	Kearney	Kerman	10/20/11	1		2	HP (<=60psig)		У	10.00	Steel	3.00	Hot AppliedAsphalt	Good		None	У	У					
Fresno	Fresno	Fresno	Fresno	10/20/11			4	TP (>60psig)			4.00	Steel		Somastic	Excellent			n		Good				
Fresno	Fresno	Shaw	Fresno	10/20/11			68	HP (<=60psig)		n	6.00	PE 2406/2708 (Yellow)	1.00								п	n	n	n

	I	I			1									1		CIRCUM		COATING	COATING					T
				REPORT				SYSTEM	YEAR	CATHODIC	FEET				COATING	WELD	EXTERNAL	DAMAGED	REPAIRED	SUPPORT	GOUGING	DISCOLOR	CRACKING	TEECAP
DIVISION	DISTRICT	ADDRESS STREET	ADDRESS CITY	DATE	WALL MAP	PLAT	BLOCK	PRESSURE	INSTALL	PROT Y/N	EXPOSED	MATERIAL	LINESIZE	COATING TYPE	COND	COND	GOUGING	YN	YN	COND	YN	YN	YN	CRACK YE
Sacramento	Sacramento	Staggs	Sacramento	10/21/11	2586	C04	36	HP (<=60psig)		v	4.00	Steel	2.00											
Sacramento	Sacramento	Н	Sacramento	10/21/11	2586	C02	39	HP (<=60psig)		V	4.00	Steel	2.00	Single wrap	Fair		None	п	п	Good				1
North Coast	Arcata	Mckinleyville	Mickinleyville	10/21/13	783	A08	3.4	HP (<=60psig)	1964	V	6.00	Steel	3.00	Somastic	Good			V	V	Good				1
Kern	Kern	Quincy		10/21/11			11	HP (<=60psig)			3.00	Steel	4.00	Double wrap	Good		None	V	V	Good				
Fresno	Fresno	Divisadero	Fresno	10/21/11	-		27	HP(<=60psig)			2.00	PE 2406/2708 (Yellow)							<u> </u>		n	n	n	n
Sacramento	Sacramento	Cabrillo	Sacramento	10/24/11	2587	C03	47	HP (<=60psig)		У	4.00	Steel	2.00	Hot AppliedAsphalt	Pair		None	n	n	Good				
Sacramento	Sacramento	Cabrillo	Sacramento	10/24/11	2587	C03	47	HP (<=60psig)		y	4.00	Steel	2.00	Double wrap	Good		None	n	n	Good				1
Sacramento	Sacramento	Cabridlet	Sacramento	10/24/11	2587	C03	47	HP (<=60psig)		V	4.00	Steel	2.00	HotAppliedAsphalt	Poor		None	n	n	Good				
Sacramento	Sacramento	El Cerrito	Sacramento	10/24/11	2587	C01	85	HP (<=60psig)		v	4.00		2.00	Hot AppliedAsphalt	Fair		None	n	n	Good				
Sacramento	Sacramento	El Cerrito	Sacramento	10/24/11	2587	C01	85	HP (<=60psig)			4.00	Steel	2.00	Hot AppliedAsphalt	Fair		None		n	Good				1
Sacramento	Sacramento	Whitney	Sacramento	10/24/11	2527	C01	1.1	HP (<=60psig)		V	3.50	Steel	2.00	Single wrap	Fair		None	n	n	Good				1
Sacramento	Sacramento	Whitney	Sacramento	10/24/11	2527	C01	11	HP (<=60psig)		V	3.00	Steel	2.00	Single wrap	Fair		None	n	n	Good				
Sacramento	Sacramento	Whitney	Sacramento	10/24/11	2527	C01	11	HP (<=60psig)		V	3.00	Steel	2.00	Single wrap	Fair		None	n	n	Good				
Sacramento	Yolo	Buena Tierra	Woodland	10/24/11	2459	108	20			y	4.00	Steel	0.75											1
Gas Transmission	GS South	Silo St	Fremont	10/24/11	2.0	C15	0	TP (>60psig)	1944	v	1.00	Steel	24.00	Hot AppliedAsphalt	Fair		None	n	n	Good				
Sacramento	Sacramento	Wood Berry	Rancho Cordova	10/24/11	2528	G04	34	HP (<=60psig)		y	8.00	Steel	2.00	HotAppliedAsphalt	Good		None	n	п	Good				
Fresno	Fresno	W Olive	Fresno	10/24/11			4	HP (<=60psig)		y	5.00	Aidyl A	0.50	1					1		n	n	n	n
Fresno	Fresno	E El Monte	Fresno	10/24/11			20	HP (<=60psig)		ý	3.00	Steel	3.00	HotAppliedAsphalt	Fair		None	V	v					
Sacramento	Sacramento	Cabrillo	Sacramento	10/25/11	2587	C03	46	HP (<=60psig)		V	4.00	Steel	2.00	Hot AppliedAsphalt	Fair		None	n	l n	Good				1
Sacramento	Sacramento	61st	Sacramento	10/25/11	2587		42	HP (<=60psig)		٧	4.00	Steel	2.00	Hot AppliedAsphalt	Fair		None	n	п	Good				
Sacramento	Sacramento	Cabrillo	Sacramento	10/25/11	2587	C03	46	HP (<=60psig)		v	4.00	Steel	2.00	Hot AppliedAsphalt	Fair		None	n	n	Good				
Sacramento	Sacramento	Altos	Sacramento	10/25/11	2526	001	40	HP (<=60psig)		v	1.00	Steel	2.00	Hot AppliedAsphalt	Fair		None	n	В	Good				
Sacramento	Sacramento	Altos	Sacramento	10/25/11	2526	D01	3.2	HP (<=60psig)		v	1.00	Steel	3.00	Hot AppliedAsphalt	Fair		None	n	n	Good				1
Sacramento	Sacramento	El Cerrito	Sacramento	10/25/11	2587	COI	18	HP (<=60psig)		v	4.00	Steel	2.00	Hot AppliedAsphalt	Fair		None	n	n	Good				
Sacramento	Sacramento	El Cerrito	Sacramento	10/25/11	2587	C01	18	HP (<=60psig)		v	4.00	Steel	2.00	Hot AppliedAsphalt	Fair		None	n	n	Good				1
Sacramento	Sacramento	Whitney	Sacramento	10/25/11	2527	C01	12	HP (<=60psig)		v	3.00	Steel	2.00	Single wrap	Fair		None	n	п	Good				
Sacramento	Sacramento	Potter	Sacramento	10/25/11	2527	C01	13	HP (<=60psig)		y	3.00	Steel	2.00	Single wrap	Fair		None	n	n	Good				
Sacramento	Sacramento	Whitney	Sacramento	10/25/11	2527	C01	12	HP (<=60psig)		v	3.00	Steel	2.00	Single wrap	Fair		None	n	п	Good				
Kern	Kern			10/25/11			11	TP (>60psig)		v	10.00	Steel	3.00	1										1
Kern	Kern	Gage	Bakersfield	10/25/11			10	LP (<=10.5"wc)		v	1.00	Steel	1.00								n	n	n	n
Sacramento	Sacramento	61st	Sacramento	10/26/11	2587	C03	42	HP (<=60psig)		V	4.00	Steel	2.00	HotAppliedAsphalt	Fair		None	n	n	Good				1
Sacramento	Sacramento	61st	Sacramento	10/26/11	2587	C03	42	HP (<=60psig)		у	4.00	Steel	2.00	Hot AppliedAsphalt	Fair		None	n	n	Good				
Sacramento	Sacramento	61st	Sacramento	10/26/11	2587	C03	42	HP (<=60osig)		v	4.00	Steel	2.00	Hot AppliedAsphalt	Fair		None	n	n	Good				
Sacramento	Sacramento	Fairfield	Sacramento	10/26/11	2526	0.01	44	HP (<=60psig)		y	1.00	Steel	2.00	Hot AppliedAsphalt	Poor		None	n	n	Good				
Sacramento	Sacramento	Fairfield	Sacramento	10/26/11	2526	001	45	HP (<=60psig)		V	1.00	Steel	2.00	HotAppliedAsphalt	Fair		None	n	n	Good				
Sacramento	Sacramento	El Cerrito	Sacramento	10/26/11	2587	C01	18	HP (<=60psig)		y	4.00	Steel	2.00	Hot Applied Asphalt	Fair		None	n	n	Good				
Sacramento	Sacramento	El Castillo	Sacramento	10/26/11	2587	C01	18	HP (<=60psig)		y	4.00	Steel	2.00	Hot Applie dAsphalt	Fair		None	n	n	Good				
Sacramento	Sacramento	Sierra View	Sacramento	10/26/11	2527	801	5	HP (<=60psig)		ý	3.00	Steel	2.00	Single wrap	Fair		None	n	n	Good				
Sacramento	Sacramento	Sierra View	Sacramento	10/26/11	2527	801	5	HP (<=60psig)		y	3.00	Steel	2.00	Single wrap	Fair		None		n	Good				
Sacramento	Sacramento	Sierra View	Sacramento	10/26/11	2527	B01	5	HP (<=60psig)		y	3.00	Steel	2.00	Single wrap	Fair		None	n	n	Good				
Sacramento	Sacramento	Del Paso	Sacramento	10/26/11	2525	E08	16	HP (<=60psig)		У	4.00	Steel		Hot AppliedAsphalt	Poor		Light	У	У	Good				
Kern	Kern	Mt Vernen	Bakersfield	10/26/11			41	HP (<=60psig)		п	2.00	PE 2406 (Orange)	0.50								n	n	п	п
Sacramento	Sacramento	Del Paso	Sacramento	10/26/11	2525	E08	16	HP (<=60osig)		٧	3.00	Steel		Hot Applie dAsphalt	Poor		Light	V	V	Good				
Gas Transmission	GS South	No Road	3 Rocks	10/27/11			0	TP (>60psig)	1962	y	24.00	Steel	3.00	Somastic	Good		None		n					
Sacramento	Sacramento	El Cerrito	Sacramento	10/27/11	2587	C01	71	HP (<=60psig)		V	3.00	Steel	2.00	Hot Applie dAsphalt	Fair		None	n	n	Good				
Sacramento	Sacramento	47th	Sacramento	10/27/11	2587	C01	71	HP (<=60psig)		y v	3.00	Steel	2.00	Hot Applie dAsphalt	Fair		None	n	n	Good				
Sacramento	Sacramento	62nd	Sacramento	10/27/11	2587	C03	40	HP (<=60psig)		y	4.00	Steel	3.00	Hot AppliedAsphalt	Fair		None	n	n	Good				
Sacramento	Sacramento	62nd	Sacramento	10/27/11	2587	C03	40	HP (<=60psig)		ÿ	4.00	Steel	3.00	Hot Applie dAsphalt	Fair		None	n	n	Good				
Sacramento	Sacramento	61st	Sacramento	10/27/11	2587	C03	39	HP (<=60psig)		v	4.00	Steel	3.00	Hot Applie dAsphalt	Fair		None	n	п	Good				1
Sacramento	Sacramento	Montclaire	Sacramento	10/27/11	2527	C02	55	HP (<=60psig)		V V	1.00	Steel	2.00	Double wrap	Fair		None	n	n	Good				1
Sacramento	Sacramento	Montclaire	Sacramento	10/27/11	2527	C02	56	HP (<=60psig)		v	2.00	Steel	2.00	Double wrap	Good		None	n	n	Good				1
Sacramento	Sacramento	Sierra View	Sacramento	10/27/11	2527	801	4	HP (<=60psig)		V V	3.00	Steel	2.00	Single wrap	Fair		None	n	l n	Good	************			1
		· · · · · · · · · · · · · · · · · · ·		10/27/11	2527		4	HP (<=60psig)			3.00	Steel	2.00	Single wrap	Fair		None	n		Good		-		+

	1			1	T					1				1	T	CIRCUM		COATING	COATING					
				REPORT				SYSTEM	YEAR	CATHODIC	FEET				COATING	WELD	EXTERNAL	DAMAGED	REPAIRED	SUPPORT	GOUGING	DISCOLOR	CRACKING	TEECAP
DIVISION	DISTRICT	ADDRESS STREET	ADDRESS CITY	DATE	WALL MAP	PLAT	BLOCK	PRESSURE	INSTALL	PROT Y/N	EXPOSED	MATERIAL	LINESIZE	COATING TYPE	COND	COND	GOUGING	YN	YN	COND	YN	YN	YN	CRACK YE
Sacramento	Sacramento	Sierra View	Sacramento	10/27/11	2527	801	5	HP (<=60psig)		У	4.00	Steel	2.00	Single wrap	Pair		None	n	n	Good				
Sacramento	Sacramento	Sierra View	Sacramento	10/27/11	2527	801	4	HP (<=60psig)		Y		Steel	2.00	Single wrap	Fair		Light	n	n	Consult i	ipelineEng	neer		
Sacramento	Yold	В	Davis	10/27/11	2582	805	2.3	HP (<=60psig)		У	3.00	Cast Iron	3.00								1			
Sacramento	Sacramento	Persimmon	Sacramento	10/27/11	2587	103	3.9	HP (<=60psig)		y	5.00	Steel	0.75											
Sacramento	Sacramento	Minnesota	Fair Oaks	10/27/11	2467	106	28	HP (<=60psig)		y y	5.00	Steel	1.25	Hot AppliedAsphalt	Poor		Light	У	У					
Kern	Kern	Lennore	Ridgecrest	10/27/11		1	62			У	4.00		2.00	Hot AppliedAsphalt	Poor		None	У	У	Good				
Fresno	Fresno	3rd	Clovis	10/27/11	1		2.2	HP (<=60psig)		У	12.00	Steel	2.00	HotAppliedAsphalt	Good		None	n		Good				
Sacramento	Sacramento	62nd	Sacramento	10/28/11	2587	C03	3.7	HP (<=60psig)		Y	3.00	Steel	3.00	Single wrap	Fair		None	n	n	Good				
Sacramento	Sacramento	62nd	Sacramento	10/28/11	2587	C03	3.7	HP (<=60psig)		У	3.00	Steel	3.00	Single wrap	Fair		None	n	n	Good				
Sacramento	Sacramento	62nd	Sacramento	10/28/11	2587	C04	64	HP (<=60psig)		У	3.00	Steel	3.00	Hot AppliedAsphalt	Fair		None	n	n	Good				
Sacramento	Sacramento	S	Sacramento	10/28/11	2587	C01	2.1	HP (<=60psig)		У	3.00	Steel	2.00	HotAppliedAsphalt	Good		None	r)	n	Good				
Sacramento	Sacramento	S	Sacramento	10/28/11	2587	COI	21	HP (<=60psig)		У	4.00	Steel	2.00	Hot AppliedAsphalt	Good		None	n	n	Good				
Sacramento	Sacramento	W. Country Club	Sacramento	10/28/11	2527	C01	8	HP (<=60psig)		У	1.00	Steel	2.00	Hot AppliedAsphalt	Fair		None	n	n	Good				
Sacramento	Sacramento	W. Country Club	Sacramento	10/28/11	2527	C01	8	HP (<=60psig)		у	1.00	Steel	2.00											
Sacramento	Sacramento	E Country Club	Sacramento	10/28/11	2527	801	17	HP (<=60psig)		Y	3.00	Steel	2.00	Single wrap	Fair		None							
Sacramento	Sacramento	E Country Club	Sacramento	10/28/11	2527	801	17	HP (<=60psig)		У	3.00	Steel	2.00	Single wrap	Fair		None	n	П	Good				
Sacramento	Sacramento	E Country Club	Sacramento	10/28/11	2527	801	17	HP (<=60psig)		y	3.50	Steel	2.00	Single wrap	Fair		None		n	Good			-	
Kern	Kern	Baker	Bakersfield	10/28/11			31	HP (<=60psig)		У	2.00	PE 2406 (Orange)	0.50								r.	n	n	n
Sacramento	Sacramento	Del Paso	Sacramento	10/31/11	2525		18	HP (<=60psig)		У	2.00	Steel		Hot Applie dAsphalt	Poor		1	n		Good	\		-	
Sacramento	Sacramento	Del Paso	Sacramento	10/31/11	2525	E08	15	HP (<=60psig)		y	3.00	Steel	0.50	Hot Applie dAsphalt	Poor									
Fresno	Fresno	N Maple	Fresno	10/31/11	1		35	HP (<=60psig)		n	1.00	PE 2406/2708 (Yellow)	2.00								n	n	n	n
Sacramento	Yolo	Barbara	Woodland	11/1/11	2460	H03	18	HP (<=60psig)		У	2.00	Steel	0.75											
Kern	Kern	Panarama	Bakersfield	11/1/11	1		2.2			У	6.00	PE 2406 (Orange)	0.50								n.	n	n	n
Sacramento	Sacramento	Greenback	Orangevale	11/1/11	2468	G01	13	HP (<=60psig)		У	2.00	Aldyi A	1.00										-	
Fresno	Fresno	6th	Fowler	11/2/11			3.2	LP (<=10.5"wc)		у	2.00	Steel	4.00	Hot Applie dAsphalt	Fair		None							
Sacramento	Sacramento	11th	Sacramento	11/3/11	2525	G04	21	TP (>60psig)		У	1.00	Steel	12.00		1									
North Bay	Napa	Grant	Calistoga	11/3/11	2508	H05	29	HP (<=60psig)	2011		3.00	Steel	2.00	Hot Applie dAsphalt	Good		None	n	n	Good				
Kern	Kern	White		11/3/11	5027		4	TP (>60psig)		У	2.00	Steel	10.00	1	Good		None	n						
Kern	Kern	Bryn Mawr	Bakersfield	11/3/11			3.9	HP (<=60psig)		У	3.00	Steel	2.00	Hot Applie dAsphalt	Fair		None							
Fresna	Fresno	San Mateo	Avenal	11/3/11			68	HP (<=60psig)		п	3.00	PE 2406/2708 (Yellow)	1.00								rs.	n	n	В
Fresno	Fresno	E Fantz		11/4/11			13	HP (<=60psig)		Y	4.00	Steel	2.00	Hot AppliedAsphalt	Good		None	n						
Sacramento	Sacramento	Lincoln Oaks	Fair Oaks	11/4/11	2467	H03	3	HP (<=60psig)		y	7.00	Steel	0.75	Hot AppliedAsphalt	Fair		None	У	¥	Good				
Sacramento	Sacramento	Kyle	Citrus Heights	11/5/11	2467	D08	46	HP (<=60psig		y	3.00	Steel	0.75	Paint	Excellent		None	n		Good				
Gas Transmission	GS South	No Road	Needles	11/7/11	5812	A03	0	TP (>60psig)	1950	Y	24.00	Steel	34.00	HotAppliedAsphalt	Poor		None	Y	у	Good				
Kern	Kern	Ward	Ridgecrest	11/7/11			8	HP (<=60psig)		n	7.00	PE 2406/2708 (Yellow)	3.00								n	n	n	n
North Valley	Redding	North	Shasta Lake City	11/7/11	1010	808	67	HP (<=60psig)	1964	У	3.00	Steel	2.00	Double wrap	Good		None	п		Good				
Kern	Kern	lowa		11/7/11			5	HP (<=60psig)		n	3.00	PE 2406/2708 (Yellow)	2.00								п	n	n	n
Fresno	Fresno	E Ticonderaga	fresno	11/7/11			3	HP (<=60psig)		n	2.00	PE 2406 (Orange)	2.00								n	n	n	n
Sacramento	Sacramento	14th	Sacramento	11/8/11	2586	A04	95	LP (<=10.5 °wc)		y	7.00	PE 2406 (Orange)	1.00								n	n	n	n
Fresno	Fresno	S Peach	Fresno	11/8/11			16	HP (<=60psig)		Y	4.00	Steel	0.75	Doublewrap	Excellent		None	п		Good				
Gas Transmission	GS North	No Road	Livermore	11/9/11	28	C11	0	TP (>60psig)	1944	y	10.00	Steel	24.00	HotAppliedAsphalt	Fair				¥					
Sacramento	Sacramento	Whitmore	Sacramento	11/9/11	2527	C02	3.4	HP (<=60psig)		У	1.00	Steel	2.00	Hot AppliedAsphalt	Good		None		n	Good				
Sacramento	Sacramento	Whitney	Sacramento	11/9/11	2527	C02	3.4	HP (<=60psig)		У	1.00	Steel	2.00	Hot AppliedAsphalt	Good		None	n	n	Good				
Sacramento	Sacramento	58th	Sacramento	11/9/11	2587	A03	41	HP (<=60psig)		У	6.00	PE 2406/2708 (Yellow)	1.00								n	n	n.	n
Sacramento	Sacramento	14th	Sacramento	11/9/11	2587	C03	67	HP (<=60psig)		γ	2.00	Steel	0.75	Single wrap	Poor		None	¥	¥	Good				
Sacramento	Sacramento	Power Inn	Sacramento	11/10/11	2587	C06	27	HP (<=60psig)		Y	1.00	Steel	4.00	Single wrap	Excellent		None	n	n	Good				
Sacramento	Sacramento	Power Inn	Sacramento	11/10/11	2587	C06	27	TP (>60psig)		Y	2.00	Steel	8.00	Single wrap	Excellent		None	n	n	Good				
Gas Transmission	GS North	No Road	Livermore	11/11/11	28	C10	-0	TP (>60psig)	1944	У	10.00	Steel	24.00	Hot AppliedAsphalt	Fair		None	n	У					
Kern	Kern	Augusta	Bakersfield	11/11/11			23	HP (<=60psig)		У	3.00	Steel	2.00	Double wrap	Good		None	n						
Gas Transmission	GS North	No Road	Livermore	11/12/11	30	E02	0	TP (>60psig)	1944	У	10.00	Steei	24.00	Hot AppliedAsphalt	Fair		None	n	У					
Gas Transmission	GS North	No Road	Livermare	11/12/11	30	E02	0	TP (>60psig)	1944	У	10.00	Steel	24.00	Hot AppliedAsphalt	Fair		None	n	У					
Gas Transmission	GS North	No Road	Livermare	11/13/11	30	E01	0	TP (>60psig)	1944	У	10.00	Steel	24.00	Hot AppliedAsphalt	Fair		None	n						
Gas Transmission	GS North	No Road	Sunol	11/14/11		812	0	TP (>60psig)	1944	y	10.00	Steel	24.00	Hot AppliedAsphalt	Fair		None	n	y					1

					l										1	CIRCUM	[COATING	COATING	1	-			
				REPORT				SYSTEM	YEAR	CATHODIC	FEET				COATING	WELD	EXTERNAL	DAMAGED	REPAIRED	SUPPORT	GOUGING	DISCOLOR	CRACKING	TEECAP
DIVISION	DISTRICT	ADDRESS STREET	ADDRESS CITY	DATE	WALL MAP	PLAT	BLOCK	PRESSURE	INSTALL	PROT Y/N	EXPOSED	MATERIAL	LINESIZE	COATING TYPE	COND	COND	GOUGING	YN	YN	COND	YN	YN	YN	CRACK Y
Gas Transmission	GS North	No Road	Livermore	11/14/11	30	E01	0	TP (>60psig)	1944	y	10.00	Steel	24.00	Hot AppliedAsphalt	Fair		None	n						
Fresno	Fresno	E California	Fresno	11/14/11			12	HP (<=60psig)		n	2.00	PE 2406/2708 (Yellow)	0.50								n	n	n	n
Gas Transmission	GS North	No Road	Livermore	11/15/11		F16	0	TP (>60psig)	1944	у	10.00	Steel	24.00	Hot AppliedAsphalt	Fair		None	n						
Kern	Kern	Union	Bakersfield	11/15/11			5	TP (>60psig)		y	12.00	Steel	10.00											
Fresno	Fresno	N Fresno	Fresno	11/15/11			5	HP (<=60psig)		Y	5.00	PE 2406/2708 (Yellow)	2.00								n	n	n	n
Fresno	Fresno	N Fresno	Fresno	11/15/11			5	HP (<=60psig)		Y	5.00	PE 2406/2708 (Yellow)	4.00								n	n	n	n
Sacramento	Sacramento	G	Sacramento	11/16/11	2525	H07	2	HP (<=60psig)		Y	5.00	P£ 2406/2708 (Yellow)	4.00								n	n	n	
Gas Transmission	GS North	No Road	Sunol	11/16/11		E06	0				10.00	Steel		HotAppliedAsphalt	Good		None	n	Y				<u></u> '	
Fresno	Fresno	N Van Ness	Fresno	11/16/11			29			У	5.00	Steel	2.00	Hot AppliedAsphalt	Good		None	У	У	Good				ļ
Sacramento	Sacramento	D	Sacramento	11/17/11	2525	G04	10	TP (>60psig)		Y	1.00	Steei	12.00	ļ			ļ	ļ				ļ		ļ
Gas Transmission		No Road	Fremont	11/17/11	26	A02	0	TP (>60psig)	1944	n	10.00	Steel	24.00				None	II.	n	ļ				ļ
Sacramento	Sacramento	Arden	Sacramento	11/17/11	2526	F06	5	HP (<=60psig)		Y	1.00	Steel	8.00	Hot AppliedAsphalt	Good		None	n	n	Good				
Sacramento	Sacramento	Arden	Sacramento	13/17/11	2526	F06	5	HP (<=60psig)		Y	1.00	Steel	8.00	Hot AppliedAsphalt	Good		None	l n	n	Good				-
Kern	Kern	Astor	Trona	11/17/11	-		5	HP (<=60psig)		Y	3.00	Steel	2.00	Double wrap	Good		None		-	Good				-
Fresno	Fresno	Herndon	Fresno	11/17/11			93	HP (<=60psig)		n	10.00	PE 2406/2708 (Yellow)	4.00	-					-	-	n	n	n	n
Sacramento	Sacramento	3rd	Sacramento	11/17/11	2586	A06	15	HP (<=60psig)		У	2.00	PE 2406/2708 (Yellow)	0.50	-				ļ	ļ		n	n	n	ļ
Sacramento	Sacramento	8th	Sacramento	11/18/11	2587	801	12	HP (<=60psig)		Y	6.00	Steel	2.00	Hot AppliedAsphalt	Poor		None	У	У У — У — — — — — — — — — — — — — — — —					
Sacramento	Sacramento	Hazel	Fair Oaks	11/19/11	2468	105	13	HP (<=60psig)		У	4.00	Steel	2.00	Hot AppliedAsphalt	Excellent		None	h	ļ	Good			·····	
Gas Transmission		No Road	Sunol	11/19/11	26	F04		TP (>60psig)	1944	-	10.00		21.00					 	-	-		-	·'	-
Gas Transmission		No Road	Fremont	11/19/11	26	A02	0	TP(>60psig)	1944		10.00	Steel	24.00	HotAppliedAsphalt	Fair		None	n	n			-	·	
Gas Transmission Gas Transmission	ļ	No Road	Fremont	11/19/11		008	n	TD (1-CD1-1)	1000	- v	10.00	Charl	24.00	11-44-01-20-01-1	r-i-		None	D.				-		-
North Coast	Ukiah	No Road Wellmar	Sunol Ukiah	11/21/11	2068	306	3	TP (>60ps/g) SHP (<=25ps/g)	1944 1988	n Y	10.00	Steel PE 2406 (Orange)	1.00	HotAppliedAsphalt	Fair		NOTE	111	 	 	n	n	0	
Fresno	Fresno	N Monte	UKISII	11/21/11	2000	300	3	HP (<=60psig)	1300	111111111111111111111111111111111111111	10.00	PE 2406 (Orange)	0.50	 							n n	0	· · · · · · · · · · · · · · · · · · ·	n
Sacramento	Sacramento	Logist	Carmichael	11/21/11	2527	A07	44	HP (<=60psig)		''	2.00	Steel	0.75	 	 			 	 	 	ļ ¹¹	ļ'i		
Sacramento	Sacramento	Marconi	Carmichael	11/21/11	2527	200	15	HP (<=60psig)		-	3,00	Steel	0.75	Hot AppliedAsphalt	Fair		None	h n	n	Good			[-
Gas Transmission	 	No Road	00111110110101	11/22/11	26	A02	0	TP (>60psig)	1944	n	10.00	Steel	24.00	HotAppliedAsphalt	Fair		None	- n	D.		-			1
Sacramento	Sacramento	Elder Creek	Sacramento	11/22/11	2587	F04	5	HP (<=60psig)		V V	4.00	Steel	4.00	HotAppliedAsphalt	Excellent		None	n	n n	Good	-		(1
Fresno	Fresno	E Church	Fresno	11/22/11	1		1.0	HP (<=60psig)		y	4.00	Steel	1.25	Hot AppliedAsphalt	Good		None	n	 	Good	-			<u> </u>
Sacramento	Sacramento	Eastern	Sacramento	11/22/11	2527	D04	3.7	HP (<=60psig)		V	3.00	Steel	0.75	Single wrap	Good		None	V	V	Good				
Mission	Mission	Mission	Hayward	11/22/11	13	C16	2.7	HP (<=60psig)	2005	n	5.00	PE 2406/2708 (Yellow)	6.00		1			1	1	1			-	
Sacramento	Sacramento	Alta Arden	Sacramento	11/23/11	2526	FOS	2	HP (<=60psig)		γ	2.00	Steel	1.00					1	1		n	n	n	
Fresno	Fresno	E Main	Fresno	11/23/11			26	LP (<=10.5"wc)		Y	2.00	Steel	3.00	Hot AppliedAsphalt	Good		None	n						
Fresno	Fresno	E Heaton	Fresno	11/23/11			33	HP (<=60psig)		n	12.00	PE 2406 (Orange)	2.00								n	n	n	n
Fresno	Fresno	E Clay	Fresno	11/23/11			3	HP (<=60psig)		γ	5.00	Steel	0.75	Hot AppliedAsphalt	Good		None	n	n					
Gas Transmission	GS North	No Road	Sunal	11/26/11		D09	0	TP (>60psig)	1944	n	10.00	Steel	24.00	Hot AppliedAsphalt			None	n	У					
Central Coast	Salinas	Hwy68	Salinas	11/26/11	3900	D01	1	TP (>60psig)	1988	Y		Steel	0.75	Double wrap	Good			п	n	Good				
Fresno	Fresno	W Fedora	Fresno	11/28/11			8	HP (<=60psig)		¥	5.00	Steel	0.75	Hot AppliedAsphalt	Good		None	У	γ	Good				
Sacramento	Sacramento	Main	North Highlands	11/29/11	2465	103	3	HP(<=60psig)		¥	2.00	PE 2406/2708 (Yellow)	1.00	1							n	n	n	n
Sacramento	Sacramento	A	Sacramento	11/29/11	2465	10.2	1.7	HP (<=60psig)		Y	5.00	Steel	2.00	Hot Applie dAsphalt	Fair		None	n		Good				1
Fresno	Fresno	7th	Avenal	11/29/11			3.4	HP (<=60psig)		n	3.00	PE 2406/2708 (Yellow)	1.00	<u> </u>							n	n	n	n
North Coast	Ukiah	W Standley	Ukiah	11/30/11	2129	0.06	8	SHP (<=25psig)	1999	n	6.00	PE 2406/2708 (Yellow)	1.00	1				ļ		L	n	n	п	
Sacramento	Sacramento		Orangevale	11/30/11	2468	E05	2.3	HP (<=60psig)		Y	3.00	Steel	1.25							ļ				
Sacramento	Sacramento	Las Casas	Rancho Cordova	11/30/11	2528	G02	48	HP (<=60psig)		У	5.00	Steei	4.00	Hot Applie dAsphalt	Good		None	У	У	Good				
Fresno	Fresno	S Clovis		11/30/11	-		15	HP (<=60psig)		n	2.00	PE 2406/2708 (Yellow)	1.00	-	-			-		-	n	n	n	n
Sacramento	Sacramento	Angelina	Carmichael	12/1/11	2527	C08	8	HP (<=60psig)		Y	6.00	Steel	0.75	Hot Applie dAsphalt	Good		None	-	-	Good	-		·	-
Sacramento	Sacramento	Roseville	Sacramento	12/2/11	2466	J01	119	TP(>60psig)		Y	1.00	Steel	12.00	Somastic	Excellent		None	n	n	Good			·	-
Sacramento	Sacramento	0.10	Carmichael	12/2/11	2528	A04	9	HP (<=60psig)		V	3.00	Steel	0.75	Other	Good		None	Y	У	Good				-
Sacramento	Sacramento	Del Paso	Sacramento	12/2/11	2526	805	57	HP (<=60psig)		Υ	3.00	Steel	0.75	Hot Applie dAsphalt	Excellent		None	n	n	Good				
Sacramento	Sacramento	Angelina	Carmidhael	12/2/11	2527	CO8	8	HP (<=60psig)		Y	6.00	Steel	0.75	Hot Applie dAsphalt	Good			У	У	Good				
Kern	Kern	China Lake	Ridgecrest	12/2/11	ļ	ļ	17	HP (<=60psig)	ļ	n	1.00	PE 2406/2708 (Yellow)	4.00		ļ			 	ļ	<u> </u>	n	n	n	n
Fresno	Fresno	E Home 9th	Fresno	12/2/11	3505	C06	3.1 5.7	HP (<=60psig) HP (<=60psig)		Y .	3.00	Steel	3.00	Bare/None	-		None	 	-	Good		-	·	-
Sacramento	Sacramento	pu	Sacramento	12/3/11	2586	COA	57	mr (<=bupsig)	L	Y	2.00	PE 2406 (Orange)	2.00	1		L			1		n	n n		<u> </u>

				T	T	1										CIRCUM	T	COATING	COATING					
				REPORT				SYSTEM	YEAR	CATHODIC	FEET				COATING	WELD	EXTERNAL	DAMAGED	REPAIRED	SUPPORT	GOUGING	DISCOLOR	CRACKING	TEECAP
DIVISION	DISTRICT	ADDRESS STREET	ADDRESS CITY	DATE	WALL MAP	PLAT	BLOCK	PRESSURE	INSTALL	PROT Y/N	EXPOSED	MATERIAL	LINESIZE	COATING TYPE	COND	COND	GOUGING	YN	YN	COND	YN	YN	YN	CRACK YN
Sacramento	Sacramento	44th	Sacramento	12/3/11	2587	C01	100	HP (<=60psig)		v	3.00	Steel	0.75	Hot AppliedAsphalt			None	v		Good				
Fresno	Fresno	W San Jose		12/3/11	3803		7	HP (<=60psig)		V	4.00	Steel	0.75	HotAppliedAsphalt	Good		None	y	У					
Fresno	Fresno	N Fruit	Fresno	12/3/11			17	HP (<=60psig)		n	3.00	PE 2406 (Orange)	0.50	1							n	п	п	n
Sacramento	Sacramento	Castro	Sacramento	12/5/11	2586	A03	84	HP (<=60psig)		п	4.00	PE 2406/2708 (Yellow)	0.50	1		<u> </u>					n	n	n	n
Kern	Kern	Warren	Bakersfield	12/5/11	-		4	HP(<=60psig)		·	1.00	PE 2406 (Orange)	0.50		1	<u> </u>	 				l)	n n	I)	n
Kern	Kern	Н	Ridgecrest	12/5/11	1	·	5			n	2.00	PE 2406 (Orange)		1		<u> </u>					n	n	n	n
Kern	Kern	Grace	Bakersfield	12/5/11	1	1	22				2.00	PE 2406/2708 (Yellow)	0.50	1							n	п	n	n
Fresno	Fresno	E Princeton		12/5/11	1	1	12	HP (<=60psig)		V	6.00	Steel	2.00	HotAppliedAsphalt	Fair	1	Light	V	v	Good	n	n	п	n
North Valley	Redding	Walnut	Redding	12/5/11	1079	C04	61	HP (<=60psig)	1972	v v	3.00	Steel	3.00	HotAppliedAsphalt	Fair	<u> </u>	None	· ·	D.	Good				
Fresno	Fresno	N Recreation	Fresno	12/5/11			3.6	HP (<=60psig)		n	1.00	PE 2406 (Orange)	1.00	1	1	<u> </u>	1				n	D	n	n
Sacramento	Yolo		Davis	12/5/11	2583	801	9	HP (<=60psig)		v	3.00	Steel	2.00	Other	Fair	†	None	V	V	Good				-
Kern	Kern	Stephens	Bakersfield	12/6/11	1		56	HP (<=60psig)		n	4.00	PE 2406 (Orange)	0.50	10000	1	 					D	n	n	n
Fresno	Fresno	W Normal	Fresno	12/6/11		-	7	HP (<=60psig)		<u>-</u>	5.00	Steel	0.75	HotAppliedAsphalt	Good	 	None	V	V	Good		-		-
Fresno	Fresno	S 5th	Fowler	12/6/11	 	<u> </u>	27	LP (<=10.5"wc)		, v	3.00	Steel	4.00	Doublewrap	Good		None	n	7	Good				-
Sacramento	Sacramento	Bluff	Fair Oaks	12/6/11	2529	 	1.	HP (<=60psig)	1975	n	20.00	Aidyi A	2.00	DOGGE WIDD	0000	 	140116	·		GGGG	п	V	n	n
Sacramento	Sacramento	Hazel	Fair Oaks	12/6/11	2468	J05	21	HP (<=60psig)	2010	V	1.00	Steel	0.75	Double wrap	Good	 	None	V	v	Good	· · · · · · · · · · · · · · · · · · ·			- "
Kern	Kern	NI NI	Bakersfield	12/7/11	1-4700		63	HP (<=60psig)		n	2.00	PE 2406 (Orange)	2.00	a capte wing	1 0000	 	1,0116	· · · · · ·	T		n			1
Kern	Kern	Castro	Bakersfield	12/7/11	 		45	HP (<=60psig)			2.00	rezado (Grange)	2.70		-		-							
Kern	Kern	Castro	Bakersfield	12/7/11	 	 	45	HP (<=60psig)		y	4.00	PE 2406 (Orange)	0.50		 	 	 				n	n	n	n
Fresno	Fresno	E Olive	Fresno	12/7/11	-	-	5	HP (<=60psig)			8.00	Steel Steel	1.00	Hot AppliedAsphalt	Good	-	None	р	D	Good	<u> </u>		<u> </u>	
Kern	Kern	Rosalia	Bakersfield	12/7/11	+		18	HP (<=60psig)		Y	3.00	Steel	0.75	Double wrap	Fair	 	None	n	11	0000				
Kern	Kern	Mayfair		-	-	-	1		1077	V V	1.00	PE 2406 (Orange)	0.73	DOMBIE WIED	FBH		IAOHE	11			n	п	п	п
		·	Bakersfield	12/7/11		 		HP (<=60psig)	1973			-			Fair	 	None	0		C4			· · · · · · · · · · · · · · · · · · ·	
Kern	Kern	Rosalia W Pinedale	Bakersfield	12/7/11			1.8	HP (<=60psig) HP (<=60psig)		Y	3.00 4.00	Steel Steel	0.75 4.00	Double wrap	Good		-	·	n	Good			·	
Fresno	Fresno	ļ	Fresno	<u> </u>	ł		 			n			3.00	Hot AppliedAsphalt		ļ	None	n	n	ļ			·	
Fresno Sacramento		N Fruit	Fresno	12/7/11	1 2000	H01	35	HP (<=60psig)		Y V	2.00	Steel	0.50	Double wrap	Good		None	n		Good	В		·	n
	Sacramento	Crocker	Sacramento	12/8/11	2527	HUL	29	HP (<=60psig)	1949	i		PE 2406/2708 (Yellow) PE 4710 (Black)		Itaa ta alia da aabab	 	1	- Name			Const	n	n	n	<u> </u>
Central Coast	Salinas		Salinas	12/8/11	3838			HP (<=60psig)	1949	Y	3.00		0.75	Hot AppliedAsphalt	+	Acceptable		V V	У	Good				
Kern	Kern	Troy	Bakersfield	12/8/11	 		1.3	HP (<=60psig)		Υ	2.00	Steel	0.75	Hot AppliedAsphalt	Fair		None	ν	- У	Good				
Kern	Kern	Flower		12/8/11			7	HP (<=60psig)		n	1.00	PE 2406 (Orange)	2.00	-		ļ					n.	n	n	n
Fresno	Fresno	Shaw	Clavis	12/8/11	 		68	HP (<=60psig)		n	2.00	PE 2406/2708 (Yellow)	1.00	 		ļ	ļ				П	r.	n.	n
Fresno	Fresno	E Dakota	Fresno	12/8/11			1.0	HP (<=60psig)			8.00	PE2406/2708 (Yellow)	4.00				-	-			n	n	n	n
Fresno	Fresno	W Shaw	Fresno	12/8/11			6	HP (<=60psig)		У			1.00	ļ	ļ						n	n	n	n
Fresno	Fresno	E Clinton	Fresno	12/8/11	-		- 6	HP (<=60psig)		n	6.00	PE 2406/2708 (Yellow)	4.00		ļ	ļ	ļ				n	n	n	n
Sacramento	Sacramento	Auburn	Sacramento	12/9/11	2526	C07	28	HP (<=60psig)		γ	1.00	PE 2406/2708 (Yellow)	1.00		ļ	ļ					n	n	п	п
Sacramento	Sacramento	Pope	Sacramento	12/9/11	2527	CO1.	2	HP (<=60psig)		γ	4.00	Steel	3.00			ļ							·	
Central Coast	Salinas	N Main	Salinas	12/9/11	3839		20	HP(<=60psig)	1965	γ	2.00	Steei	4.00	Hot Applie dAsphalt		Acceptable	None	Y	У	Good			·	
Kern	Kern	Ashe	Bakersfield	12/10/11			3	HP (<=60psig)		n	5.00	PE 2406/2708 (Yellow)	1.00	<u> </u>			ļ				n		n	n
Sacramento	Sacramento	Folsom	Rancho Cordova	12/12/11	2528	G03	7	TP (>60psig)	1960	γ	1.00	Steel	10.00	Tape	Good		None	n	n	Good			·	
Fresno	Fresno	W Olive	Fresno	12/12/11	ļ		1.4	HP (<=60psig)		γ	4.00	PE 2406/2708 (Yellow)	0.50	ļ	-						n	n	n	n
Sacramento	Sacramento	Lincoln	Carmichael	12/12/11	2528	A01	2	HP{<=60psig}		У		Steel	0.75	Single wrap	Good		None	n		Good			·	
Sacramento	Sacramento	Westporter	Sacramento	12/12/11	2588	805	40	HP (<=60psig)		n	5.00	Steel	2.00	1	ļ		ļ				n	n	В	п
Sacramento	Solano	Cordelia	Fairfield	12/13/13	2776	106	1	TP (>60psig)		У	2.00	Steel	16.00	Somastic	Good	ļ	ļ	n	n	Good				
Sacramento	Solano	Cordella	Fairfield	12/13/1:	2776	106	1	TP (>60psig)		У	2.00	Steel		Somastic	Good			n	I)	Good			ļ	
Sacramento	Sacramento	Bradshaw	Elk Grove	12/13/11	2655		1	HP (<=60psig)		n	3.00	PE 2406/2708 (Yellow)	8.00								n		n	
Sacramento	Sacramento	Bradshaw	Sacramento	12/13/11	2588	008	2	HP(<=60psig)		Y	14.00	Steel	0.75	Hot Applie dAsphalt	Fair		None	¥	n	Good				
Fresno	Fresno	P	Sanger	12/14/11			84	HP (<=60psig)		γ	4.00	Steel	0.75	Hot Applie dAsphalt	Good		None	y	¥	Good			· '	
Fresno	Fresno	W Shaw	Fresno	12/14/11	1		74			n	2.00	PE 2406 (Orange)	1.00	1	1						n	n	п	n
Fresno	Fresno	N 1st	Fresno	12/14/11	1		25	HP (<=60psig)		У	4.00	Steel	0.75	Hot Applie dAsphalt	Good		None	У	У	Good				
Sacramento	Sacramento	Edgewater	Sacramento	12/15/11	2525	008	13	HP (<=60psig)		У	4.00	Steel	2.00	Hot Applie dAsphalt	Excellent		None	n		Good				
Fresno	Fresno	S Elm	Fresno	12/15/11			46	HP (<=60psig)		У	4.00	Steei	0.75	Extru Coat	Good		None	¥	¥	Good				
Fresno	Fresno	W Dakota	Huron	12/15/11			1.1.	HP (<=60psig)		у	3.00	PE 2406 (Orange)	0.50	I							п	n	п	п
Fresno	Fresno	S Elm	Fresno	12/15/11			46	HP (<=60psig)			4.00	Steel	0.75	Extru Coat	Good		None	У	y	Good				
Sacramento	Sacramento	Duncan	Carmichael	12/16/11	2528	803	2.1	HP (<=60psig)		y	4.00	Steel	2.00	Hot Applie dAsphalt	Fair		None	У	¥	Good				

	T		1	T										[]		CIRCUM	T	COATING	COATING	Π		T		T
				REPORT				SYSTEM	YEAR	CATHODIC	FEET				COATING	WELD	EXTERNAL	DAMAGED	REPAIRED	SUPPORT	GOUGING	DISCOLOR	CRACKING	TEECA
DIVISION	DISTRICT	ADDRESS STREET	ADDRESS CITY	DATE	WALLMAP	PLAT	BLOCK	PRESSURE	INSTALL	PROT Y/N	EXPOSED	MATERIAL	LINE SIZE	COATING TYPE	COND	COND	GOUGING	YN	YN	COND	YN	YN	YN	CRACK
Sacramento	Sacramento		Fair Oaks	12/17/11	2468	106	25	HP (<=60psig)		D	4.00	PE 2406/2708 (Yellow)	2.00		0.0110	1				1	n	D	n	В
Sacramento	Sacramento	0	Sacramento	12/17/11	2525	102	24	HP (<=60psig)	-	V	3.00	Steel	4.00	Hot Applied Asphalt	Excellent	†	None	n	***********	Good		1		1
North Coast	Ukiah	Linda Vista	Ukiah	12/19/11	2130	D04	13	SHP(<=25psig)	1989	n	4.00	PE 2406 (Orange)	1.00			t					n	n	n	1
Central Coast	Monterey	Diaz	Sand City	12/19/11	3897	G01	27	HP (<= 60psig)		v	4.00	Steel		Somastic	Poor	1	None	V	V	Good		<u> </u>		1
Kern	Kern	Mavo	Ridgecrest	12/19/11			1,6			n	2.00	PE 2406 (Orange)	2.00			1		1		<u> </u>	n	n	1)	n
Kern	Kern	Taylor	Taft	12/19/11			30	SHP (<=25psig)		n	5.00	Aldyl A	2.00								n	n	n	n
Fresno	Fresno	W Bullard	Fresno	12/19/11			1.2	HP (<=60psig)		V	3.00	PE 2406/2708 (Yellow)	4.00	Hot Applied Asphalt	Excellent		None	n		Good	n	n	n	n
North Coast	Ukiah	AirportPark	Ukiah	12/20/11	2130	F01	- 4	SHP (<=25psig)	1986	n	4.00	PE 2406 (Orange)	1.25			1				1	n	n	n	n
Kern	Kern	Cov	Bakersfield	12/20/11			- 4			n	4.00	PE 2406/2708 (Yellow)	1.00			1					n	n	n	n
North Coast	Ukiah	N State	Ukiah	12/21/11	2129	C08	53	SHP (<=2Spsig)	1999	У	6.00	Steel	6.00	Single wrap	Good	1	Light	n	n	Good				
Kern	Kern	Columbia	Bear Valley Spr	12/21/11	5234		2	HP (<=60psig)		n	10.00	1	0.50			<u> </u>	<u> </u>				n	n	n	n
Fresno	Fresno	N Lucerne	Fresno	12/21/11			57	HP(<=60psig)		V	4.00	Steel	2.00	Hot Applied Asphalt	Good		None	V	ν	Good				
Fresno	Fresno	W North	Fresno	12/21/11			2	HP (<=60psig)		n	5.00	Steel	0.75	Hot Applied Asphalt	Good	1	None	y		Good				
Fresno	Fresno	N Lucerne	Fresno	12/21/11			57			V	2.00	Steel	2.00	Hot Applied Asphalt	Good		None	п		Good				
Kern	Kern	Coy	Bakersfield	12/21/11			- 4	HP (<= 60psig)		n	4.00	PE 2406 (Orange)	2.00			1				1	n	n	n	n
Kern	Kern	20th	Bakersfield	12/22/11			1.4	HP (<=60osig)	1973	n	2.00	Aldyl A	2.00			1					n	V	n	- n
Kern	Kern	Niles	Bakersfield	12/22/11			29	HP (<=60psig)		n	1.00	PE 2406 (Orange)	0.50			İ					n	n	n	n
Fresno	Fresno	S Willow	Fresno	12/22/11			5	HP(<=60psig)		V	3.00	Steel	3.00	Hot Applied Asphalt	Good	Accentable	None	п	n	Good				
Fresno	Fresno	Wilson	Fresno	12/22/11			63	HP (<=60psig)		v	2.00	Steel	2.00	Hot Applied Asphalt	Good	1	None	n		Good		<u> </u>		1
Fresno	Fresno	E Brandywine	Fresno	12/22/11			- 4	HP (<= 60psig)		n	3.00	PE 2406 (Orange)	2.00									n	n	n
Fresno	Fresno	E Brandywine	Fresno	12/22/11			- 4	HP (<=60psig)			3.00	PE2406 (Orange)	0.50								n	n	n	n
Kern	Kern	Hughes	Bakersfield	12/23/11			1	HP (<=60psig)		n	2.00	Aldyl A	2.00								n	n	n	n
Fresno	Fresno	N Ferger	Fresno	12/23/11			72	HP (<=60psig)		n	3.00	Aidvi A	0.50			1	1			1	n	n	n	I n
Fresno	Fresno	Elm	Fresno	12/23/11			1	HP (<=60psig)		V	3.00	Steel	2.00	Double wrap	Good		None	V	V	Good				
Fresno	Fresno	N Van Ness	Fresno	12/27/11			1.3	HP (<=60psig)		y	3.00	Steel	3.00	Hot Applied Asphalt	Good	1	None	n	n	Good				
Fresno	Fresno	É Montecito	Fresno	12/27/11			10	HP (<=60psig)		y	3.00	Steel	0.50	Hot Applied Asphalt	Good	 	None	п		Good		n	n	n
Kern	Kern	Mayo	Ridgecrest	12/27/11			1.6	HP (<=60psig)		n	1.50	PE 2406 (Orange)	2.00								n	n	n	n
Kern	Kern	Gilmore	Bakersfield	12/27/11			3	TP(>60psig)		V	5.00	Steel	2.00	Double wrap	Good		None	n		Good				
Kern	Kern	Hwy46	Shandon	12/28/11			1.	TP (>60psig)		n						1	1			1				
Kern	Kern	Hwy 46	Shandon	12/28/11			1.	TP (>60psig)		п	6.00	Steel	0.75	Double wrap	Good		None	n	n	Good				
Kern	Kern	E California	Ridgecrest	12/28/11	4760		17	HP (<=60psig)	1968	У	2.00	Steel	4.00	Double wrap	Good	1	None			Good				1
Kern	Kern		Bakersfield	12/28/11			35	HP (<=60psig)		n n	2.00	PE 2406/2708 (Yellow)	2.00			1	<u> </u>	·		<u> </u>	n	n	1)	n
Kern	Kern	California	Ridgecrest	12/28/11			18	HP (<=60ps(a)		V	2.00	Steel	4.00	Double wrap	Good		None							1
North Coast	Ukiah	Blosser	Willits	12/29/11	1943	E06	42	HP (<=60psig)	1993	n	6.00	PE 2406/2708 (Yellow)	1.00								n	n	n	
Fresno	Fresno	San Joaquin	Fresno	12/29/11			13	HP (<=60psig)		n	2.00	PE 2406/2708 (Yellow)	0.50								n	n	n	n
Fresno	Fresno	E Clinton	Fresno	12/29/11			2	HP (<=60psig)		n	3.00	PE 2406/2708 (Yellow)	0.50								n	n	n	п
Fresno	Fresno	L	Fresno	12/29/11			52	HP (<=60psig)		n	4.00	PE 2406/2708 (Yellow)	0.50			1	T			1	n	n	n	n
Kern	Kern	Chester	Bakersfield	12/30/11			30	HP (<=60psig)		y I	3.00	Steel	0.75	Double wrap	Fair	1	None	У	У	Good		<u> </u>		1
Kern	Kern	Colony	Bakersfield	12/30/11			15			n	6.00	PE 2406 (Orange)	2.00			1					n	n	n	n
Fresno	Fresno	Nees	Fresno	12/30/11			1	HP (<=60psig)		n	2.00	PE 2406 (Orange)	1.00								n	n	n	n
Fresno	Fresno	W Front	Selma	12/30/11			50	LP (<=10.5"wc		V	5.00	Steel	1.00	Hot Applied Asphalt	Good	1	None	п		Good		1		1