

6. Quality Assurance												
	Audits Routine calibrations Coordination/implementation											
	Training Reporting											
	QA plan review (annual) R	93	23	5	\$55	432	\$1,028					
	QA plan preparation (RO)	93	47	5	\$959	865	\$17,834					
Element #6 totals						1,297	\$18,862					
7. Supervision												
	Planning/coordination Supervision/review 5 Minute SO2 Planning/coordination Supervision/review											
Element #7 totals												
Summary of Burdens and Costs						3,139	\$703,196					
Summary Totals												

- 1.151 (percent inflation 2004 to 2011)
- 1.175 (percent inflation 2004 to 2012)
- 1.198 (percent inflation 2004 to 2013)

- 1.020 (percent inflation 2010 to 2011)
- 1.041 (percent inflation 2010 to 2012)
- 1.062 (percent inflation 2010 to 2013)

Table :

Nov 2009

Total Amor. Cost	# Old Plus New Sites	Labor Hours	Labor O & M	Summary SO2				Previous Amortized Hours an				
				Labor Hours	Labor Costs	Non-labor O & M	Equip/ Contract \$	# Old Sites	Hours/ Site	Years Amor.	Cost/ Site	Total Amor. Hours
				399	\$24,987			93	30	7	\$1,920	399
				106	\$6,407			93	8	7	\$492	106
				505	\$31,394							505
							\$568,286			7	\$10,410	
							\$28,414			7	\$10,410	
				446	\$12,633			390	8	7	\$231	446
				891	\$43,606			390	16	7	\$799	891
				1,337	\$56,240		\$596,700					1,337
	390											
	390	46,800	\$2,288,441	46,800	\$2,288,441							
		46,800	\$2,288,441	46,800	\$2,288,441		\$359,112					
	390											
	390	4,680	\$235,667	4,680	\$235,667		\$448,890					
	390	21,840	\$1,159,483	21,840	\$1,159,483							
		26,520	\$1,395,150	26,520	\$1,395,150		\$448,890					
	390	5,460	\$285,494	5,460	\$285,494							
	390	3,510	\$196,165	3,510	\$196,165							
	390	4,680	\$255,867	4,680	\$255,867							
	390	1,560	\$82,596	1,560	\$82,596							
	390	1,365	\$71,374	1,365	\$71,374							
	390	878	\$49,041	878	\$49,041							
	390	1,170	\$63,967	1,170	\$63,967							
	390	390	\$20,649	390	\$20,649							
		19,013	\$1,025,153	19,013	\$1,025,153							

3.2, 2012 SO2 Monitoring Costs

Nov 2009

Total Amor. Cost	New Site Hours and Costs						# Old Plus New Sites	Labor Hours	Labor O & M	Summary SO2					
	# New Sites	Hours/ Site	Years Amor.	Cost/ Site	Total Amor. Hours	Total Amor. Cost				Labor Hours	Labor O & M	Labor Hours	Labor Costs	Non-labor O & M	Equip/ Contract \$
\$25,508	32	30	7	\$1,958	137	\$8,949				536	\$34,457				
\$6,541	32	8	7	\$502	37	\$2,295				143	\$8,836				
\$32,049										679	\$43,292				
\$579,986	115		7	\$1,517		\$174,471							\$754,457		
\$28,999	6		7	\$1,517		\$8,724							\$37,723		
\$12,896	115	8	7	\$236	131	\$3,877				577	\$16,774				
\$44,516	115	16	7	\$815	263	\$13,383				1,154	\$57,899				
	115			\$2,500									\$287,500		
\$666,397			28	\$4,085	394	\$200,456							\$1,079,680		
							390					\$373,776			
							390	46,800	\$2,381,888	46,800	\$2,381,888				
								46,800	\$2,381,888	46,800	\$2,381,888	\$373,776			
							390					\$458,250			
							390	4,680	\$240,581	4,680	\$240,581				
							390	21,840	\$1,183,660	21,840	\$1,183,660				
								26,520	\$1,424,241	26,520	\$1,424,241	\$458,250			
							390	5,460	\$291,447	5,460	\$291,447				
							390	3,510	\$200,255	3,510	\$200,255				
							390	4,680	\$261,203	4,680	\$261,203				
							390	1,560	\$84,318	1,560	\$84,318				
							390	1,365	\$72,862	1,365	\$72,862				
							390	878	\$50,064	878	\$50,064				
							390	1,170	\$65,301	1,170	\$65,301				
							390	390	\$21,080	390	\$21,080				
								19,013	\$1,046,528	19,013	\$1,046,528				

							390	14,040	\$858,302	14,040	\$858,302		
							390	10,140	\$486,662	10,140	\$486,662		
							390	1,560	\$96,233	1,560	\$96,233		
							390	1,950	\$109,522	1,950	\$109,522		
							390	2,340	\$143,891	2,340	\$143,891		
\$1,070							93	23	\$1,312	456	\$2,382		
\$18,183							93	47	\$2,624	911	\$20,807		
\$19,253								30,100	\$1,698,545	31,397	\$1,717,798		
							390	4,680	\$310,694	4,680	\$310,694		
							390	11,700	\$659,422	11,700	\$659,422		
							390	1,170	\$77,673	1,170	\$77,673		
							390	2,925	\$164,855	2,925	\$164,855		
								20,475	\$1,212,644	20,475	\$1,212,644		
\$717,699						\$200,456		142,907	\$7,763,846	144,883	\$7,826,391	\$832,026	\$1,079,680
													\$9,738,097

146,047 \$9,514,027

Table 3.3, 2013 SO2 Monitoring Costs

Previous Amortized Hours and Costs						New Site Hours and Costs								
# Old Sites	Hours/ Site	Years Amor.	Cost/ Site	Total Amor. Hours	Total Amor. Cost	# New Sites	Hours/ Site	Years Amor.	Cost/ Site	Total Amor. Hours	Total Amor. Cost	# Old Plus New Sites	Labor Hours	Labor O & M
76	30	7	\$1,958	326	\$21,253									
76	8	7	\$502	87	\$5,450									
				413	\$26,703									
275		7	\$10,620		\$417,214									
14		7	\$10,620		\$20,861									
275	8	7	\$236	314	\$9,272									
275	16	7	\$815	629	\$32,004									
				943	\$479,350									
275						115						390		
275						115						390	46,800	\$2,381,888
													46,800	\$2,381,888
												390		
												390	4,680	\$245,291
												390	21,840	\$1,206,829
													26,520	\$1,452,120
												390	5,460	\$297,152
												390	3,510	\$204,175
												390	4,680	\$266,315
												390	1,560	\$85,968
												390	1,365	\$74,288
												390	878	\$51,044
												390	1,170	\$66,579
												390	390	\$21,492
													19,013	\$1,067,014

														390	14,040	\$875,103
														390	10,140	\$496,188
														390	1,560	\$98,116
														390	1,950	\$111,666
														390	2,340	\$146,707
	57	15	5	\$978	171	\$11,144								57	29	\$1,640
							36	15	5	\$518	108	\$3,729		36	108	\$3,729
					171	\$11,144									30,167	\$1,733,148
														390	4,680	\$316,775
														390	11,700	\$672,330
														390	1,170	\$79,194
														390	2,925	\$168,082
															20,475	\$1,236,381
					1,526	\$517,198									142,974	\$7,870,550

144,500 \$9,228,744

Table 3.0, Summary of SO2 2011-2013

Nov 2009

Labor Hours	Labor Costs	Non-labor O & M	Equip/ Contract \$
326	\$21,253		
87	\$5,450		
413	\$26,703		
			\$417,214
314	\$9,272		
629	\$32,004		
943	\$41,275		\$417,214
		\$373,776	
46,800	\$2,381,888		
46,800	\$2,381,888	\$373,776	
		\$467,220	
4,680	\$245,291		
21,840	\$1,206,829		
26,520	\$1,452,120	\$467,220	
5,460	\$297,152		
3,510	\$204,175		
4,680	\$266,315		
1,560	\$85,968		
1,365	\$74,288		
878	\$51,044		
1,170	\$66,579		
390	\$21,492		
19,013	\$1,067,014		

2011				2012		
Summary SO2				Summary SO2		
Labor Hours	Labor Costs	Non-labor O & M	Equip/ Contract \$	Labor Hours	Labor Costs	Non-labor O & M
399	\$24,987			536	\$34,457	
106	\$6,407			143	\$8,836	
505	\$31,394			679	\$43,292	
			\$568,286			
			\$28,414			
446	\$12,633			577	\$16,774	
891	\$43,606			1,154	\$57,899	
1,337	\$56,240		\$596,700	1,731	\$74,673	
		\$359,112				\$373,776
46,800	\$2,288,441			46,800	\$2,381,888	
46,800	\$2,288,441	\$359,112		46,800	\$2,381,888	\$373,776
		\$448,890				\$458,250
4,680	\$235,667			4,680	\$240,581	
21,840	\$1,159,483			21,840	\$1,183,660	
26,520	\$1,395,150	\$448,890		26,520	\$1,424,241	\$458,250
5,460	\$285,494			5,460	\$291,447	
3,510	\$196,165			3,510	\$200,255	
4,680	\$255,867			4,680	\$261,203	
1,560	\$82,596			1,560	\$84,318	
1,365	\$71,374			1,365	\$72,862	
878	\$49,041			878	\$50,064	
1,170	\$63,967			1,170	\$65,301	
390	\$20,649			390	\$21,080	
19,013	\$1,025,153			19,013	\$1,046,528	

14,040	\$875,103		
10,140	\$496,188		
1,560	\$98,116		
1,950	\$111,666		
2,340	\$146,707		
200	\$12,784		
108	\$3,729		
30,338	\$1,744,292		
4,680	\$316,775		
11,700	\$672,330		
1,170	\$79,194		
2,925	\$168,082		
20,475	\$1,236,381		
144,500	\$7,949,673	\$840,996	\$417,214
			\$9,207,883

14,040	\$840,771			14,040	\$858,302		
10,140	\$476,721			10,140	\$486,662		
1,560	\$94,267			1,560	\$96,233		
1,950	\$107,285			1,950	\$109,522		
2,340	\$140,951			2,340	\$143,891		
456	\$2,314			456	\$2,382		
911	\$62,418			911	\$20,807		
31,397	\$1,724,727			31,397	\$1,717,798		
4,680	\$304,347			4,680	\$310,694		
11,700	\$645,953			11,700	\$659,422		
1,170	\$76,087			1,170	\$77,673		
2,925	\$161,488			2,925	\$164,855		
20,475	\$1,187,875			20,475	\$1,212,644		
146,047	\$7,708,979	\$808,002	\$596,700	146,615	\$7,901,064	\$832,026	
			\$9,113,681				

Monitoring Costs

Nov 2009

		2013			Average 2011-2013 SO2			
		Summary SO2						
Equip/ Contract \$	Labor Hours	Labor Costs	Non-labor O & M	Equip/ Contract \$	Labor Hours	Labor Costs	Non-labor O & M	Equip/ Contract \$
	326	\$21,253			420	\$26,899		
	87	\$5,450			112	\$6,898		
	413	\$26,703			532	\$33,796		
\$754,457				\$417,214				\$579,986
	314	\$9,272			446	\$12,893		\$9,471
	629	\$32,004			891	\$44,503		
\$287,500								\$95,833
\$1,041,957	943	\$41,275		\$417,214	1,337	\$57,396		\$685,290
			\$373,776				\$368,888	
	46,800	\$2,381,888			46,800	\$2,350,739		
	46,800	\$2,381,888	\$373,776		46,800	\$2,350,739	\$368,888	
			\$467,220				\$458,120	
	4,680	\$245,291			4,680	\$240,513		
	21,840	\$1,206,829			21,840	\$1,183,324		
	26,520	\$1,452,120	\$467,220		26,520	\$1,423,837	\$458,120	
	5,460	\$297,152			5,460	\$291,364		
	3,510	\$204,175			3,510	\$200,198		
	4,680	\$266,315			4,680	\$261,128		
	1,560	\$85,968			1,560	\$84,294		
	1,365	\$74,288			1,365	\$72,841		
	878	\$51,044			878	\$50,050		
	1,170	\$66,579			1,170	\$65,282		
	390	\$21,492			390	\$21,074		
	19,013	\$1,067,014			19,013	\$1,046,232		

	14,040	\$875,103			14,040	\$858,059			
	10,140	\$496,188			10,140	\$486,523			
	1,560	\$98,116			1,560	\$96,205			
	1,950	\$111,666			1,950	\$109,491			
	2,340	\$146,707			2,340	\$143,850			
	200	\$12,784			370	\$5,827			
	108	\$3,729			644	\$28,984			
	30,338	\$1,744,292			31,044	\$1,728,939			
	4,680	\$316,775			4,680	\$310,605			
	11,700	\$672,330			11,700	\$659,235			
	1,170	\$79,194			1,170	\$77,651			
	2,925	\$168,082			2,925	\$164,809			
	20,475	\$1,236,381			20,475	\$1,212,300			
	\$1,041,957	144,500	\$7,949,673	\$840,996	\$417,214	145,721	\$7,853,239	\$827,008	\$685,290
	\$9,775,047			\$9,207,883					\$9,365,537

Table 22.1, 2011 General SO2 Network Mon

Cost Element	Previous Amortized Hours and Costs						New Site Hours and Costs for			
	# Old Sites	Hours/ Site	Years Amor.	Cost/ Site	Total Amor. Hours	Total Amor. Cost	# New Sites	Hours/ Site	Years Amor.	Cost/ Site
1. Network Design										
Network design study (see pollutant)										
Site selection (see pollutant)										
Additional indirect cost adj (\$2/hour)					146,592	\$337,455				
Element #1 totals										
2. Site Installation										
Multigas calibrator	130		7	\$16,114		\$299,260				
Zero air supply	130		7	\$4,604		\$85,503				
Ambient air intake manifold assembly	130		7	\$1,727		\$32,064				
Shelter (large, temp controlled)	130		10	\$29,351		\$381,557				
Shelter delivery charges	130		10	\$576		\$7,482				
Other shelter equipment/accessories	130		10	\$4,604		\$59,852				
Data logger	130		10	\$2,302		\$29,926				
Site preparation	130		7	\$5,180		\$96,191				
Power drop	130		7	\$806		\$14,963				
Land/lease	130			\$1,200		\$156,000				
Element #2 totals						\$1,162,796				
3. Sampling and Analysis										
Vehicle										
Travel time to sites	130				104	\$10,175				
Element #3 totals					104	\$10,175				
4. Maintenance										
Element #4 totals										
5. Data Management										
Analysis and trends (rep org)	108	208		\$10,564	22,464	\$1,140,899				
Element #5 totals					22,464	\$1,140,899				
6. Quality Assurance										
Multigas calibrator	108		7	\$16,114		\$248,616				
Zero air supply	108		7	\$4,604		\$71,033				
Miscellaneous equipment	108		7	\$2,302		\$35,517				
Element #6 totals						\$355,166				

7. Supervision										
Element #7 totals										
Summary of Burdens and Costs					22,568	\$2,669,036				
Summary Totals										

1.151 (percent inflation 2004 to 2011)

1.175 (percent inflation 2004 to 2012)

1.198 (percent inflation 2004 to 2013)

1 (percent inflation 1998 to 2007)

1 (percent inflation 1998 to 2008)

1 (percent inflation 1998 to 2009)

1 (percent inflation 2004 to 2006)

1 (percent inflation 2004 to 2007)

1 (percent inflation 2004 to 2008)

1 (percent inflation 2004 to 2009)

1 (percent inflation 2006 to 2007)

1 (percent inflation 2006 to 2008)

1 (percent inflation 2005 to 2007)

1 (percent inflation 2005 to 2008)

1 (percent inflation 2005 to 2009)

1.128 (percent inflation 2004 to 2010)

1.151 (percent inflation 2004 to 2011)

1.175 (percent inflation 2004 to 2012)

Amortizing Costs

Nov 2009

General Network					Summary, General Network				Previous Amortized Hours a		
Total Amor. Hours	Total Amor. Cost	# Old Plus New	Hours	O & M	Labor Hours	Labor Costs	Non-labor O & M	Equip/ Contract \$	# Old Sites	Hours/ Site	Years Amor.
							146,592	\$337,455			
							146,592	\$337,455			
								\$299,260	130		7
								\$85,503	130		7
								\$32,064	130		7
								\$381,557	130		10
								\$7,482	130		10
								\$59,852	130		10
								\$29,926	130		10
								\$96,191	130		7
								\$14,963	130		7
							\$156,000		130		
							\$156,000	\$1,006,796			
								\$75,232			
					104	\$10,175			130		
					104	\$10,175	\$75,232				
					22,464	\$1,140,899			108	208	
					22,464	\$1,140,899					
								\$248,616	130		7
								\$71,033	130		7
								\$35,517	130		7
								\$355,166			

Table 22.2, 2012 General SO2 Network Monitoring Costs

nd Costs			New Site Hours and Costs for General Network							
Cost/ Site	Total Amor. Hours	Total Amor. Cost	# New Sites	Hours/ Site	Years Amor.	Cost/ Site	Total Amor. Hours	Total Amor. Cost	# Old Plus New	Hours
	147,160	\$345,826								
	147,160	\$345,826								
\$16,450		\$305,500	115		7	16,450		270,250		
\$4,700		\$87,286	115		7	4,700		77,214		
\$1,763		\$32,732	115		7	1,763		28,955		
\$29,963		\$389,513	115		10	29,963		344,569		
\$588		\$7,638	115		10	588		6,756		
\$4,700		\$61,100	115		10	4,700		54,050		
\$2,350		\$30,550	115		10	9,400		108,100		
\$5,288		\$98,196	115		7	5,288		86,866		
\$823		\$15,275	115		7	823		13,513		
\$1,200		\$156,000	115			1,200		138,000		
		\$1,183,789						\$1,128,273		
	104	\$10,387								
	104	\$10,387								
\$10,784	22,464	\$1,164,688								22,464
	22,464	\$1,164,688								22,464
\$16,450		\$305,500	115		7	16,450		270,250		
\$4,700		\$87,286	115		7	4,700		77,214		
\$2,350		\$43,643	115		7	2,350		38,607		
		\$436,429						\$386,071		

Table 22.3, 2013 General

Nov 2009

					Previous Amortized Hours and Costs						
Summary, General Network					# Old Sites	Hours/ Site	Years Amor.	Cost/ Site	Total Amor. Hours	Total Amor. Cost	# New Sites
O & M	Labor Hours	Labor Costs	Non-labor O & M	Equip/ Contract \$							
			147,160	\$345,826					144,101	\$345,266	
			147,160	\$345,826					144,101	\$345,266	
		\$16,450		\$575,750	345		7	\$16,772		\$826,620	
		\$4,700		\$164,500	345		7	\$4,792		\$236,177	
		\$1,763		\$61,688	345		7	\$1,797		\$88,566	
		\$29,963		\$734,081	345		10	\$30,549		\$1,053,941	
		\$588		\$14,394	345		10	\$599		\$20,666	
		\$4,700		\$115,150	345		10	\$4,792		\$165,324	
				\$138,650	345		10	\$2,396		\$82,662	
		\$5,288		\$185,063	345		7	\$5,391		\$265,699	
		\$823		\$28,788	345		7	\$839		\$41,331	
	1,200			\$156,000	345			\$1,200		\$414,000	
	1,200	\$64,273		\$2,174,063						\$3,194,986	
			\$76,800								
	104	\$10,387			130				104	\$10,590	
	104	\$10,387	\$76,800						104	\$10,590	
\$1,164,688	22,464	\$1,164,688			168	208		\$10,995	34,944	\$1,847,201	
\$1,164,688	22,464	\$1,164,688							34,944	\$1,847,201	
				\$575,750	156		7	\$16,772		\$373,776	
				\$164,500	156		7	\$4,792		\$106,793	
				\$82,250	156		7	\$2,396		\$53,397	
				\$822,500						\$533,966	

\$1,164,688	23,768	\$1,239,348	\$223,960	\$3,342,389					179,149	\$5,932,009		
				\$4,805,697								

\$6,044,112

SO2 Network Monitoring Costs

Nov 2009

New Site Hours and Costs for General Network								Summary, General Network				
Hours/ Site	Years Amor.	Cost/ Site	Total Amor. Hours	Total Amor. Cost	# Old Plus New	Hours	O & M	Labor Hours	Labor Costs	Non-labor O & M	Equip/ Contract \$	Labor Hours
										144,101	\$345,266	
										144,101	\$345,266	0
											\$826,620	
											\$236,177	
											\$88,566	
											\$1,053,941	
											\$20,666	
											\$165,324	
											\$82,662	
											\$265,699	
											\$41,331	
											\$414,000	
											\$3,194,986	
											\$78,304	
								104	\$10,590			104
								104	\$10,590	\$78,304		104
								34,944	\$1,847,201			22,464
								34,944	\$1,847,201			22,464
											\$373,776	
											\$106,793	
											\$53,397	
											\$533,966	

Table 22.0, Summary of General SO2 Network 2011-2013 Monitoring Costs

2010			2011				2012				
Summary, General Network			Summary, General Network				Summary, General Network				
Labor Costs	Non-labor O & M	Equip/ Contract \$	Labor Hours	Labor Costs	Non-labor O & M	Equip/ Contract \$	Labor Hours	Labor Costs	Non-labor O & M	Equip/ Contract \$	Labor Hours
		\$337,455				\$345,826				\$345,266	
\$0		\$337,455	0	\$0		\$345,826	0	\$0		\$345,266	0
		\$299,260				\$575,750				\$826,620	
		\$85,503				\$164,500				\$236,177	
		\$32,064				\$61,688				\$88,566	
		\$381,557				\$734,081				\$1,053,941	
		\$7,482									
		\$59,852				\$115,150				\$165,324	
		\$29,926				\$138,650				\$82,662	
		\$96,191				\$185,063				\$265,699	
		\$14,963				\$28,788				\$41,331	
		\$0				\$156,000				\$414,000	
		\$1,006,796				\$2,159,669				\$3,174,320	
\$10,175	\$75,232		104	\$10,387	\$76,800		104	\$10,590	\$78,304		104
\$10,175	\$75,232		104	\$10,387	\$76,800		104	\$10,590	\$78,304		104
\$1,140,899			22,464	\$1,164,688			34,944	\$1,847,201			26,624
\$1,140,899			22,464	\$1,164,688			34,944	\$1,847,201			26,624
		\$248,616				\$575,750				\$373,776	
		\$71,033				\$164,500				\$106,793	
		\$35,517				\$82,250				\$53,397	
		\$355,166				\$822,500				\$533,966	

\$1,151,074	\$75,232	\$1,699,417	22,568	\$1,175,075	\$76,800	\$3,327,995	35,048	\$1,857,791	\$78,304	\$4,053,552	26,728	
		\$2,925,722				\$4,579,870				\$5,989,647		

Nov 2009

Average 2010-2012 General Network		
Labor Costs	Non-labor O & M	Equip/ Contract \$
		\$342,849
\$0		\$342,849
		\$567,210
		\$162,060
		\$60,773
		\$723,193
		\$2,494
		\$113,442
		\$83,746
		\$182,318
		\$28,361
		\$190,000
		\$2,113,595
\$10,384	\$76,779	
\$10,384	\$76,779	
\$1,384,263		
\$1,384,263		
		\$399,381
		\$114,109
		\$57,054
		\$570,544

\$1,394,647	\$76,779	\$3,026,988
		\$4,498,413

Summary for SO2 for 2011-2013 Monitoring Burden and Costs

Cost Element	Average 2011-2013 SO2					Average :	
	Labor Hours	Labor Costs	Non-labor O & M	Equip/ Contract \$	Total Cost	Labor Hours	Labor Costs
1. Network Design	532	\$33,796			\$33,796		
2. Site Installation	1,337	\$57,396		\$685,290	\$742,686		
3. Sampling & Analysis	46,800	\$2,350,739	\$368,888		\$2,719,627	104	\$10,384
4. Maintenance	26,520	\$1,423,837	\$458,120		\$1,881,957		
5. Data Management	19,013	\$1,046,232			\$1,046,232	26,624	\$1,384,263
6. Quality Assurance	31,044	\$1,728,939			\$1,728,939		
7. Supervision	20,475	\$1,212,300			\$1,212,300		
Totals	145,721	\$7,853,238	\$827,008	\$685,290	\$9,365,537	26,728	\$1,394,647

SO2 Grand Total Average 2011-2013

Cost Element	Labor Hours	Labor Costs	Non-labor O & M	Equip/ Contract \$	Total Cost
1. Network Design	532	\$33,796	\$0	\$342,849	\$376,645
2. Site Installation	1,337	\$57,396	\$0	\$2,798,886	\$2,856,281
3. Sampling & Analysis	46,904	\$2,361,123	\$445,667	\$0	\$2,806,789
4. Maintenance	26,520	\$1,423,837	\$458,120	\$0	\$1,881,957
5. Data Management	45,637	\$2,430,494	\$0	\$0	\$2,430,494
6. Quality Assurance	31,044	\$1,728,939	\$0	\$570,544	\$2,299,483
7. Supervision	20,475	\$1,212,300	\$0	\$0	\$1,212,300
Totals	172,449	\$9,247,885	\$903,787	\$3,712,278	\$13,863,950

Nov 2009

2011-2013 General Network		
Non-labor O & M	Equip/ Contract \$	Total Cost
	\$342,849	\$342,849
	\$2,113,595	\$2,113,595
\$76,779		\$87,163
		\$1,384,263
	\$570,544	\$570,544
\$76,779	\$3,026,988	\$4,498,413

Aug 2006