				Previous	Amoritize	d Hours and	d Costs	New	Site Hou	urs and Co	osts									
						Total	Total					Total	Total	# Old				Summary No	D2	
		# Old	Hours/	Years	Cost/	Amor.	Amor.	# New	Hours/	Years	Cost/	Amor.	Amor.	Plus New	Labor	Labor	Labor	Labor	Non-labor	Equip/
Cost Ele	ment	Sites	Site	Amor.	Site	Hours	Cost	Sites	Site	Amor.	Site	Hours	Cost	Sites	Hours	O & M	Hours	Costs	O & M	Contract \$
	ork Design																			
	Network design study (RO)																			
	Site selection (RO)																			
Element	#1 totals																			
	nstallation																			
	Analyzer																			
	Spare analyzers																			
	Procurement																			
	Equipment installation																			
Element	#2 totals																			
3. Supp	lies and Site Visits																			
	Supplies																			
	Routine site visits																			
Element	#3 totals																			
4. Main	enance																			
1	Spare parts/supplies	l																		
	Remedial repairs																			
	Routine maintenance																			
	#4 totals																			
5 Data N	fanagement																			
	Data acquistion/processing																			
	Data reporting																			
	Data validation																			
	Data distribution																			
	# 5 totals																			
6. Qual	ty Assurance																			
	Audits																			
	Routine calibrations																			
	Coordination/implementatio	1																		
	Training																			
-	Reporting													-			-			
	QA plan review (annual)																			
=1	QA plan preparation (RO)																			
	#6 totals																			
7. Supe	Planning/coordination																			
	Supervision/review																			
Flomont	#7 totals																			
	orological Instrumentation																			
o. wiele	Equipment																			
l	Procurement	l																		
	Installation																			
	Spare parts/supplies																			
	Routine site service																			
	Repairs																			
	Data acquistion/reporting																			
1	Data validation	l																		
1	Data distribution	l																		
1	QA plan preparation	l																		
1	Calibrations	l																		
	Audits																			
l	Training	l																		
l	Reporting	l																		
	Implementation/coordination	Ì																		
l	Planning/coordination	l																		
	Supervision/review																			
Element	# 8 totals																			
Comment	and Dougland and Co.																			
Summa	ry of Burdens and Costs																			
Cumrer	ny Totalo																			
Juinma	ry Totals																			

- 1.128 (percent inflation 2004 to 2010)
- 1.151 (percent inflation 2004 to 2011)
- 1.175 (percent inflation 2004 to 2012)
- 1.041 (percent inflation 2009 to 2011)
- 1.062 (percent inflation 2009 to 2012)

Table 5.2, 2011 NO2 Monitoring Costs

June	1.	. 20	109	
------	----	------	-----	--

ı			Previous	s Amoritiz	ed Hours a	and Costs	New S	ite Hours	and Costs										Julie 1, 2009
					Total	Total					Total	Total	# Old				Summary NO		
		Hours/		Cost/	Amor.	Amor.	# New	Hours/	Years	Cost/	Amor.	Amor.	Plus New	Labor	Labor	Labor	Labor	Non-labor	Equip/
	Sites	Site	Amor.	Site	Hours	Cost	Sites	Site	Amor.	Site	Hours	Cost	Sites	Hours	O & M	Hours	Costs	O&M	Contract \$
	-						71	30	7	\$1,881	304	\$19,076				304	\$19,076		
							71	8	7	\$482	304 81	\$4,892				304 81	\$4,892		
							/1	0		Ψ402	385	\$23,968				385	\$23,968		
											303	Ψ20,300				303	Ψ23,300		
							82		7	\$13,533		\$158,529							\$158,529
							4		7	\$13,533		\$7,926							\$7,926
							82	8	7	\$227	94	\$2,656				94	\$2,656		
							82	16	7	\$783	187	\$9,169				187	\$9,169		
										\$28,075	281	\$178,281				281	\$11,825		\$166,456
							82						82					\$37,753	
							82	4,920		\$2,934		\$240,580	82	4,920	\$240,580	4,920	\$240,580	Φ51,155	
							02	4,320		\$2,934		\$240,580	02	4,920	\$240,580	4,920	\$240,580	\$37,753	
										Ψ2,334		Ψ240,300		4,320	ΨΣ-10,300	4,320	ΨΣ-10,300	Ψ51,133	
							82						82					\$47,191	
							82	656		\$35,252			82	656	\$35,252	656	\$35,252		
							82	2,870		\$155,447			82	2,870	\$155,447	2,870	\$155,447		
										\$190,699				3,526	\$190,699	3,526	\$190,699	\$47,191	
								200		045 70 °				4.000	0.45 36-	, , , ,	015 75-		
							82 82	820 369		\$45,728 \$20,622			82 82	4,920 0	\$45,728 \$20,622	4,920 0	\$45,728 \$20,622		
							82	615		\$33,694			82	615	\$33,694	615	\$33,694		
							82	205		\$11,137			82	205	\$11,137	205	\$11,137		
								2,009		\$111,182				5,740	\$111,182	5,740	\$111,182		
								,,,,,											
							82	2,952		\$177,910			82	2,952	\$177,910	2,952	\$177,910		
							82	1,968		\$177,910			82	1,968	\$177,910	1,968	\$177,910		
							82	164		\$9,910			82	164	\$9,910	164	\$9,910		
							82	205		\$11,279			82	205	\$11,279	205	\$11,279		
	_						82 71	246 18		\$14,818 \$1,963			82 71	246 18	\$14,818 \$1,963	246 18	\$14,818 \$1,963		
							71	15	5	\$939	213	\$66,669	71	213	\$66,669	213	\$66,669		
								10		\$394,728		\$66,669		5,766	\$460,458	5,766	\$460,458		
												,		-,					
							82	492		\$31,995			82	492	\$31,995	492	\$31,995		
							82	1,230		\$67,908			82	1,230	\$67,908	1,230	\$67,908		
								1,722		\$99,903				1,722	\$99,903	1,722	\$99,903		
									_	#F 00F		***							***
							82 82	8	7 7	\$5,205 \$5,110	94	\$60,973 \$59,854							\$60,973 \$59,854
							82	8	7	\$4,475	94	\$52,426	1			94	\$52,426		Ψ33,034
							82	3		-1,110		, .20	82			"	102,120	\$85,362	
							82	30		\$49,297			82	1,230	\$49,297	1,230	\$49,297		
							82	20		\$39,693			82	820	\$39,693	820	\$39,693		
							82	16		\$30,986			82	656	\$30,986	656	\$30,986		
							82	16		\$33,633			82	656	\$33,633	656	\$33,633		
							82 82	16 15		\$27,913 \$34,742			82 82	656 615	\$27,913 \$34,742	656 615	\$27,913 \$34,742		
							82	18		\$35,212			82 82	738	\$34,742	738	\$34,742		
							82	6		\$12,634			82	246	\$12,634	246	\$12,634		
							82	10		\$21,511			82	410	\$21,511	410	\$21,511		
							82	8		\$17,371			82	328	\$17,371	328	\$17,371		
							82	10		\$23,304			82	410	\$23,304	410	\$23,304		
							82	9		\$21,426			82	369	\$21,426	369	\$21,426		
							82	20		\$47,888	407	#170 OF:	82	820	\$47,888	820	\$47,888	#C5 055	#100 OCT
								210		\$410,400	187	\$173,254		7,954	\$395,610	8,048	\$448,036	\$85,362	\$120,827
								3,941		\$1,237,922	854	\$682,750		29,628	\$1,498,432	30,388	\$1,586,651	\$170,306	\$287,283
								0,0-71			554	JUL, 100		20,020	-1,100,102	50,530		+1.0,000	420.,200
																			\$2,044,240
_																			

30,482 \$2,351,489

Table 5.3, 2012 NO2 Monitoring Costs

June 1, 2009

		Previous	Amoritized	Hours and	Costs	New S	ite Hour	s and Cos	its									
				Total	Total					Total	Total	# Old				Summary NO		
	Hours/		Cost/	Amor.	Amor.		Hours/		Cost/	Amor.	Amor.	Plus New	Labor	Labor	Labor	Labor	Non-labor	Equip/
Sites	Site	Amor.	Site	Hours	Cost	Sites	Site	Amor.	Site	Hours	Cost	Sites	Hours	O & M	Hours	Costs	O&M	Contract \$
71	20	-	#1 000	204	#10.474	71	30	-	#1 000	204	#10 474				000	#20.040		
71 71	30 8	7 7	\$1,920 \$492	304 81	\$19,474 \$4,994	71 71	30	7 7	\$1,920 \$492	304 81	\$19,474 \$4,994				609 162	\$38,948 \$9,987		
/1			Φ49Z	385	\$24,467	71			Ф492	385	\$24,467				771	\$48,935		
				303	Ψ24,407					303	Ψ24,407				771	Ψ40,933		
82		7	\$13,806		\$161,727	83		7	\$13,806		\$163,700							\$325,427
4		7	\$13,806		\$8,086	4		7	\$13,806		\$8,185							\$16,271
82	8	7	\$231	94	\$2,712	83	8	7	\$231	95	\$2,745				189	\$5,456		
82	16	7	\$799	187	\$9,360	83	16	7	\$799	190	\$9,474				377	\$18,834		
				281	\$181,885				\$28,642	285	\$184,103				566	\$24,290		\$341,699
82						83						165					\$116,090	
82						83	4,980		\$2,995		\$248,591	165	14,820	\$494,187	14,820	\$494,187		
									\$2,995		\$248,591		14,820	\$494,187	14,820	\$494,187	\$116,090	
82						83						165					\$145,113	
82						83	664		\$36,426			165	1,976	\$108,399	1,976	\$108,399	Ψ143,113	
82						83	2,905		\$160,624			165	8,645	\$478,001	8,645	\$478,001		
						- 55	_,000		\$197,049			100	10,621	\$586,400	10,621	\$586,400	\$145,113	
									,				,				-,	
82						83	830		\$47,251			165	6,620	\$140,614	6,620	\$140,614		
82						83	374		\$21,309			165	738	\$69,002	738	\$69,002		
82						83	623		\$34,816			165	1,853	\$103,610	1,853	\$103,610		
82						83	208		\$11,508			165	618	\$34,247	618	\$34,247		
							2,034		\$114,884				9,828	\$347,473	9,828	\$347,473		
00							2.000		#100 00F			105	0.000	ΦE 47.074	0.000	#E47.074		
82 82						83 83	2,988 1,992		\$183,835 \$183,835			165 165	8,892 5,928	\$547,074 \$380,389	8,892 5,928	\$547,074 \$380,389		
82						83	1,992		\$10,240			165	494	\$30,474	494	\$30,474		
82						83	208		\$11,654			165	618	\$34,682	618	\$34,682		
82						83	249		\$15,311			165	741	\$45,565	741	\$45,565		
71						71	18		\$2,003			142	53	\$6,010	53	\$6,010		
71	15	5	\$959	213	\$13,615	71	15	5	\$959	213	\$13,615	142	51	\$4,966	213	\$13,615		
				213	\$13,615				\$407,837		\$13,615		16,776	\$1,049,160	16,939	\$1,057,809		
82						83	498		\$33,061			165	1,482	\$98,386	1,482	\$98,386		
82						83	1,245		\$70,169 \$103,230			165	3,705 5,187	\$208,817 \$307,203	3,705	\$208,817 \$307,203		
							1,743		\$103,230				5,187	\$307,203	5,187	\$307,203		
82		7	\$5,310		\$62,203	83		7	\$5,310		\$62,961							\$62,961
82	8	7	\$5,213	94	\$61,062	83	8		\$5,172	95	\$61,323							\$61,323
82	8	7	\$4,566	94	\$53,484	83	8		\$4,530	95	\$53,713				95	\$53,713		
82						83						165					\$131,157	
82	30		\$100,582			83	30		\$50,904			165	3,705	\$151,486	3,705	\$151,486		
82	20		\$80,988			83	20		\$40,988			165	2,470	\$121,976	2,470	\$121,976		
82	16		\$63,223			83	16		\$31,997			165	1,976	\$95,220	1,976	\$95,220		
82 82	16 16		\$68,622 \$56,953			83 83	16 16		\$34,730 \$28,824			165 165	1,976 1,976	\$103,352 \$85,777	1,976 1,976	\$103,352 \$85,777		
82 82	15		\$70,886			83	15		\$35,875			165	1,853	\$106,762	1,853	\$106,762		
82	18		\$71,844			83	18		\$36,360			165	2,223	\$108,205	2,223	\$108,702		
82	6		\$25,777			83	6		\$13,046			165	741	\$38,822	741	\$38,822		
82	10		\$43,890			83	10		\$22,213			165	1,235	\$66,103	1,235	\$66,103		
82	8		\$35,443			83	8		\$17,938			165	988	\$53,381	988	\$53,381		
82	10		\$47,548			83	10		\$24,064			165	1,235	\$71,612	1,235	\$71,612		
82	9		\$43,716			83	9		\$22,125			165	1,112	\$65,841	1,112	\$65,841		
82	20		\$97,708			83	20		\$49,450			165	2,470	\$147,158	2,470	\$147,158		
	210		\$822,270	187	\$176,749		210		\$423,524	190	\$177,997		23,959	\$1,215,694	24,054	\$1,269,407	\$131,157	\$124,285
	210		\$822,270	1,067	\$396,716		3,987		\$1,278,163	860	\$648,774		81,191	\$4,000,117	82,785	\$4,135,704	\$392,360	\$465,983
																		\$4,994,046

83,118 \$5,437,967

Table 5.0, Summary of NO2 2010-2012 Monitoring Costs

June 1, 2009

	2010				2011				2012						Julie 1, 2003
	Summary NO				Summary NO				Summary NC				Average 2010		
Labor	Labor	Non-labor	Equip/	Labor	Labor	Non-labor	Equip/	Labor	Labor	Non-labor	Equip/	Labor	Labor	Non-labor	Equip/
Hours	Costs	O & M	Contract \$	Hours	Costs	O & M	Contract \$	Hours	Costs	O&M	Contract \$	Hours	Costs	O & M	Contract \$
0	\$0			304	\$19,076			609	\$38,948			304	\$19,341		
0	\$0			81	\$4,892			162	\$9,987			81	\$4,960		
0	\$0			385	\$23,968			771	\$48,935			385	\$24,301		
			\$0				\$158,529				\$325,427				\$161,319
			\$0				\$7,926				\$16,271				\$8,066
0	\$0			94	\$2,656			189	\$5,456			94	\$2,704		
0	\$0			187	\$9,169			377	\$18,834			188	\$9,334		
0	\$0		\$0	281	\$11,825		\$166,456	566	\$24,290		\$341,699	282	\$12,038		\$169,385
		\$0				\$37,753				\$116,090				\$51,281	
0	\$0			4,920	\$240,580			14,820	\$494,187			6,580	\$244,922		
0	\$0	\$0		4,920	\$240,580	\$37,753		14,820	\$494,187	\$116,090		6,580	\$244,922	\$51,281	
ا	**	\$0		050	#0F 0F0	\$47,191		1.070	#100.000	\$145,113		0	#47.CC4	\$64,101	
- 1	\$0			656	\$35,252			1,976				877	\$47,884		
0	\$0	# 0		2,870	\$155,447	647.101		8,645	\$478,001	Ø1 4E 110		3,838	\$211,149	PC 4 104	
0	\$0	\$0		3,526	\$190,699	\$47,191		10,621	\$586,400	\$145,113		4,716	\$259,033	\$64,101	
	40			4.000	¢4E 700			6 630	#140 C14			2047	#C2 11 4		
0	\$0 \$0			4,920 0	\$45,728 \$20,622			6,620 738	\$140,614 \$69,002			3,847 246	\$62,114 \$29,875		
0	\$0 \$0			615	\$20,622			1,853	\$103,610			823	\$29,875 \$45,768		
٥	\$0			205	\$11,137			618	\$34,247			274	\$45,768 \$15,128		
0	\$0				\$11,137			9,828				5,189	\$15,128		
U	\$0			5,740	\$111,182			9,828	\$347,473			5,189	\$152,885		
o	\$0			2,952	\$177,910			8,892	\$547,074			3,948	\$241,661		
0	\$0			1,968	\$177,910			5,928	\$380,389			2,632	\$186,100		
	\$0			164	\$9,910			494	\$30,474			2,032	\$13,461		
0	\$0			205	\$11,279			618	\$34,682			274	\$15,320		
	\$0			246	\$14,818			741	\$45,565			329	\$20,128		
0	\$0			18	\$1,963			53	\$6,010			24	\$2,658		
0	\$0			213	\$66,669			213	\$13,615			142	\$26,761		
0	\$0			5,766	\$460,458			16,939	\$1,057,809			7,568	\$506,089		
-	***				2 100, 100				12,001,000			.,	7000,000		
o	\$0			492	\$31,995			1,482	\$98,386			658	\$43,461		
o	\$0			1,230	\$67,908			3,705	\$208,817			1,645	\$92,242		
0	\$0			1,722	\$99,903			5,187	\$307,203			2,303	\$135,702		
							\$60,973				\$62,961				\$41,311
							\$59,854				\$61,323				\$40,393
				94	\$52,426			95	\$53,713						
						\$85,362				\$131,157				\$72,173	
				1,230	\$49,297			3,705	\$151,486			1,645	\$66,928		
				820	\$39,693			2,470	\$121,976			1,097	\$53,890		
				656	\$30,986			1,976	\$95,220			877	\$42,069		
				656	\$33,633			1,976	\$103,352			877	\$45,661		
				656	\$27,913			1,976	\$85,777			877	\$37,897		
				615	\$34,742			1,853	\$106,762			823	\$47,168		
				738	\$35,212			2,223	\$108,205			987	\$47,805		
				246	\$12,634			741	\$38,822			329	\$17,152		
				410	\$21,511			1,235	\$66,103			548	\$29,205		
				328	\$17,371			988	\$53,381			439	\$23,584		
				410	\$23,304			1,235	\$71,612			548	\$31,639		
				369	\$21,426			1,112	\$65,841			494	\$29,089		
				820	\$47,888			2,470	\$147,158	***		1,097	\$65,015		
				8,048	\$448,036	\$85,362	\$120,827	24,054	\$1,269,407	\$131,157	\$124,285	10,638	\$537,101	\$72,173	\$81,704
0	\$0	\$0	\$0	30,388	\$1,586,651	\$170,306	\$287,283	82,785	\$4,135,704	\$392,360	\$465,983	37,662	\$1,872,072	\$187,555	\$251,089
U	\$ U	\$0	\$0	30,368	ψ±,500,031	φ±10,306	φ <u></u> 201,283	02,705	φ4 ,±35,704	φ33Z,36U	9400,883	37,002	φ1,072,072	φ101,005	φ231,089
			\$0				\$2,044,240				\$4,994,046				\$2,310,716
							12,51.,210				+ .,,5-10				,,0

Table 22.1, 2010 General Network Monitoring Costs

																			June 8, 2009
		Previous	s Amoritize	d Hours and	l Costs			New Site	e Hours a	and Cost	s for Gen	eral Netwo	ork		Summary, General Network				
					Total	Total					Total	Total					Summary, Gen	eral Network	
	# Old	Hours/	Years	Cost/	Amor.	Amor.	# New	Hours/	Years	Cost/	Amor.	Amor.	# Old			Labor	Labor	Non-labor	Equip/
Cost Element	Sites	Site	Amor.	Site	Hours	Cost	Sites	Site	Amor.	Site	Hours	Cost	Plus New	Hours	O & M	Hours	Costs	O & M	Contract \$
Network Design																			
Network design study (see pollutant)																			
Site selection (see pollutant)																			
Travel other than monitoring site																			
Saturation studies																			
Additional indirect cost adj (\$2/hour)																			
Element #1 totals																			
2. Site Installation																			
Multigas calibrator																			
Zero air supply																			
Ambient air intake manifold assembly	ŀ																		
Shelter (large, temp controlled)							1						1						
Shelter (small, temp controlled)																			
Shelter delivery charges																			
Other shelter equipment/accessories																			
Site preparation																			
Power drop																			
Land/lease																			
Rent																			
Element #2 totals																			
Sampling and Analysis																			
Open path monitoring																			
Utilities																			
Vehicle																			
Travel time to sites																			
Element #3 totals																			
Maintenance																			
Element #4 totals																			
Data Management																			
Analysis and trends (rep org)																			
Element #5 totals																			
Quality Assurance																			
Multigas calibrator																			
Zero air supply																			
Miscellaneous equipment																			
Element #6 totals																			
7. Supervision																			
Element #7 totals																			
Lieneni #1 Wais																			
Summary of Burdens and Costs																			
Summary of Burdens and Costs																			
Summary Totals																			
Summary Totals																			

1 158 (percent inflation 1998 to 2007)

0

\$0

1.158 (percent inflation 1998 to 2007))
--	---

1.1803 (percent inflation 1998 to 2008)

1.2042 (percent inflation 1998 to 2009)

1.0277 (percent inflation 2004 to 2006)

1.0448 (percent inflation 2004 to 2007)

1.0648 (percent inflation 2004 to 2008)

1.0864 (percent inflation 2004 to 2009)

1.0166 (percent inflation 2006 to 2007)

1.0361 (percent inflation 2006 to 2008)

1.0319 (percent inflation 2005 to 2007)

1.0517 (percent inflation 2005 to 2008)

1.073 (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)

Table 22.2, 2011 General Network Monitoring Costs

	Drovious	Amoritiza	d Hours and	d Costs			Now Cito	Hours and	Cocto for	Conoral Na	otwork							June 8, 2009
_	Previous	Amonuze	u nouis aii	Total	Total		New Site	Hours and	CUSIS IUI	Total	Total					Summary, Gene	rol Notwork	
// Old		\/	0			// 81		\/	0			// OI-I						E-miles (
# Old	Hours/	Years	Cost/	Amor.	Amor.	# New	Hours/	Years	Cost/	Amor.	Amor.	# Old			Labor	Labor	Non-labor	Equip/
Sites	Site	Amor.	Site	Hours	Cost	Sites	Site	Amor.	Site	Hours	Cost	Plus New	Hours	O & M	Hours	Costs	O & M	Contract \$
										30,388	\$18,526							\$18,526
																		\$0
						82		7	\$17,265		\$202,247							\$202,247
						82			\$4,604		\$53,933							\$53,933
						82			\$1,727		\$20,225							\$20,225
						82			\$29,351		\$240,674							\$240,674
						32		10	Ψ 2 0,001		Ψ 2 -10,074							Ψ240,074
						82		10	\$576		\$4,719							\$4,719
								10										\$4,719
						82					\$37,753							
						82		7			\$60,674							\$60,674
						82		7	\$806		\$9,438							\$9,438
						82						82	!	\$141,573				\$141,573
						82												\$1,342
											\$629,663			\$141,573				\$0
						82											\$47,191	
						82								\$1,062				\$1,062
						82			131		\$12,836				131	\$12,836		
									131		\$12,836			\$1,062	131	\$12,836	\$47,191	\$1,062
						82	4		\$16,658		\$16,658		82	\$16,658	328	\$16,658		
						32			\$10,000		\$16,658		82	\$16,658				
											Ψ±0,030		02	Ψ10,030	320	Ψ10,038		
						00		7	¢17.265		¢202 247						¢17.265	\$202,247
						82 82			\$17,265		\$202,247 \$53,933						\$17,265 \$4,604	\$202,247 \$53,933
								7										
						82		7	\$2,302		\$26,966						\$2,302	\$26,966
											\$283,146							\$283,146
											\$942,303			\$159,293	459	\$29,494	\$47,191	\$284,208
																		\$360,893

0 \$1,148,787

Table 22.3, 2012 General Network Monitoring Costs

	Previous	Amoritize	d Hours and	Costs			New Site	e Hours an	d Costs fo	or General	Network							
				Total	Total					Total	Total					Summary, Gene	ral Network	
# Old	Hours/	Years	Cost/	Amor.	Amor.	# New	Hours/	Years	Cost/	Amor.	Amor.	# Old			Labor	Labor	Non-labor	Equip/
Sites	Site	Amor.	Site	Hours	Cost	Sites	Site	Amor.	Site	Hours	Cost	Plus New	Hours	O & M	Hours	Costs	O & M	Contract \$
																		1
																		1
																		1
				30,388	\$18,912							165	123,127		143,561	\$287,123		\$287,123
				30,300	\$10,912							103	123,121		143,301	\$0		\$0
																\$0		\$0
02		7	¢17.00E		#20C 4C4	00		7	¢17.00E		#200 002							D41E 446
82		7	\$17,625		\$206,464	83			\$17,625		\$208,982							\$415,446
82		7	\$4,700		\$55,057	83		7			\$55,729							\$110,786
82		7	\$1,763		\$20,646	83		7			\$20,898							\$41,545
82		10	\$29,963		\$245,693	83		10	\$29,963		\$248,689							\$494,381
82		10	\$588		\$4,818	83		10	\$588		\$4,876							\$9,694
82		10	\$4,700		\$38,540	83		10			\$39,010							\$77,550
82		7	\$5,288		\$61,939	83		7			\$62,695							\$124,634
82		7	\$823		\$9,635	83		7	\$823		\$9,753							\$19,388
82						83						165		\$435,338				\$435,338
						83						165						\$4,041
					\$642,792						\$650,631			\$435,338				\$1,732,802
																		1
						83						165					\$145,113	
82						83								\$3,265				\$3,265
82				131	\$13,104										131	\$13,104		1
				131	\$13,104										131	\$13,104	\$145,113	\$3,265
82	8		\$34,012	656	\$34,012										656	\$34,012		ĺ
				656	\$34,012										656	\$34,012		
156		7	\$17,625		\$392,786													\$392,786
156		7	\$4,700		\$104,743													\$104,743
156		7	\$2,350		\$52,371													\$52,371
					\$549,900													\$549,900
																		1,130
				787	\$1,239,807									\$435,338	787	\$47,115	\$145,113	\$2,285,967
					. ,,									,		, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,_20	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
																		\$2,478,194
																		72, 0,204

787 \$1,820,257

Table 22.0, Summary of General Network 2010-2012 Monitoring Costs

		2010				2011				2012						
		Summary,	General Ne	twork		Summary	, General N	etwork		Summary, G	eneral Netwo	rk	Average	2010-2012 G	eneral Netwo	ork
L	Labor	Labor	Non-labor	Equip/	Labor	Labor	Non-labor	Equip/	Labor	Labor	Non-labor	Equip/	Labor	Labor	Non-labor	Equip/
H	Hours	Costs	O & M	Contract \$	Hours	Costs	O & M	Contract \$	Hours	Costs	O & M	Contract \$	Hours	Costs	O & M	Contract \$
				\$0				\$18,526				\$287,123				\$101,883
				\$0				\$18,526				\$287,123				\$101,883
				\$0				\$202,247				\$415,446				\$205,898
				\$0				\$53,933				\$110,786				\$54,906
				\$0				\$20,225				\$41,545				\$20,590
				\$0				\$240,674				\$494,381				\$245,018
				\$0				\$4,719				\$9,694				\$4,804
				\$0				\$37,753				\$77,550				\$38,434
				\$0				\$60,674				\$124,634				\$61,769
				\$0				\$9,438				\$19,388				\$9,609
				\$0				\$141,573				\$435,338				\$192,304
								\$1,342				\$4,041				\$1,794
				\$0				\$772,577				\$1,732,802				\$835,126
			\$0				\$47,191				\$145,113				\$64,101	
			\$0					\$1,062				\$3,265				\$1,442
	0	\$0			131	\$12,836			131	\$13,104			87	\$8,647		
	0	\$0	\$0		131	\$12,836	\$47,191	\$1,062	131	\$13,104	\$145,113	\$3,265	87	\$8,647	\$64,101	\$1,442
	0	\$0			328	\$16,658			656	\$34,012			328	\$16,890		
	0	\$0			328	\$16,658			656	\$34,012			328	\$16,890		
				\$0				\$202,247				\$392,786				\$198,344
				\$0				\$53,933				\$104,743				\$52,892
				\$0				\$26,966				\$52,371				\$26,446
				\$0				\$283,146				\$549,900				\$277,682
	0	\$0	\$0	\$0	459	\$29,494	\$47,191	\$1,075,311	787	\$47,115	\$145,113	\$2,573,089	415	\$25,537	\$64,101	\$1,216,133
				\$0				\$1,151,996				\$2,765,317				\$1,305,771

NO2 Roadway Monitoring ICR Estimates

	2010		2011		Average 2010-2012			
	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost
NO2 Monitoring	0	\$0	30,388	\$2,044,240	82,785	\$4,994,046	37,662	\$2,310,716
General Network	0	\$0	459	\$1,151,996	787	\$2,765,317	415	\$1,305,771
Totals	0	\$0	30847	\$3,196,236	83572	\$7,759,363	38077	\$3,616,487

June 19, 2009

	June 1							110 13, 2003	009			
	·	10"	EPA OAQPS				Total EPA					
14	EPA Regional Offices Hours Costs		ITPID		EMAD				EPA Regional Offices		11	
1. SLAMS/PAMS oversight (includes site visits, annual network review)	Hours 2,125	\$120,421	Hours 0	Costs 0	1,231	Costs \$71,242	Hours 3,356	Costs \$191,663		2,125	Costs \$122,811	Hours 0
QA audits (includes perf. audits NPAP, & systems audits)	889	\$52,914	0	0	0	0	889	\$52,914		889	\$53,964	0
Regional monitoring meeting with States	133	\$7,396	0	0	0	0	133	\$7,396		133	\$7,543	0
National or regional monitoring meetings	98	\$5,519	0	0	0	0	98	\$5,519		98	\$5,628	0
5. 105 Grant activities	369	\$18,552	0	0	0	0	369	\$18,552		369	\$18,920	0
7. Other items	211	\$6,110	0	0	0	0	211	\$6,110		211	\$6,232	0
Methods development in support regulatory program, and reference and equivalent activities (See footnote)	0	0	0	0	0	0	0	0		0	0	0
9. In-house burdens for AIRS/AQS (includes AIRS Exec, AIRS TTN Web/Homepage, AIRS conference training)	0 e,	0	290	\$34,428	0	0	290	\$34,428		0	0	290
Contractor support including hot line, enhancements maintenance, training, etc.	0	0	85	\$4,982	0	0	85	\$4,982		0	0	85
11. Hardware/software NCC burden, national AQS costs	0	0	0	\$32,734	0	0	0	\$32,734		0	0	0
12. AIR NOW	0	0	0	\$18,452	0	0	0	\$18,452		0	0	0
13. Other (software purchased internal support)	0	0	0	\$2,492	0	0	0	\$2,492		0	0	0
Totals	3,825	\$210,912	375	\$93,089	1,231	\$71,242	5,431	\$375,243		3,825	\$215,098	375

Method development and reference and equivalent activities covered under another ICR (OMB # 2080.0005, EPA # 0559.08 for 4,718 hours and \$101,000.

1.31 (Inflation 1998 to 2010)

0.028171418815093 ratio of 165 monitors to 5,857 monitors in CY-2007

1.336 (Inflation 1998 to 2011) 1.363 (Inflation 1998 to 2012)

Burdens And Costs for CY-2011

Table 23.3, Total EPA Burdens And Costs for CY-2012

June 19, 2009

June 19, 2009

EPA OAQPS					EPA OAQPS				June 19, 2009		2010		
TPID		MAD	 Total EPA		EDA Do	EPA Regional Offices						tal EPA	Labor
Costs	Hours	Costs	Hours	Costs	Hours	Costs	Hours	Costs	Hours	Costs	Hours	Costs	Hours
0		\$72,656			2,125						3,356	\$199,417	
	1,231	\$12,050	3,350	\$195,467	2,125	\$125,293	ا	U	1,231	\$74,124	3,350	Ф199,417	3,330
0	0	0	889	\$53,964	889	\$55,055	0	0	0	0	889	ΦΕΕ ΛΕ Ε	889
ų	٥	U	009	Ф 53,904	008	\$55,055	ا	U	٩	U	009	\$55,055	009
-													
0	0	0	100	Φ7 F 4Ω	100	#7.COF	0	0	0	0	100	ተ ፖ ርዕር	122
U	٥	U	133	\$7,543	133	\$7,695	U	U	U	0	133	\$7,695	133
	0		00	ΦΕ 600	0.0	45.740		0	0		00	φE 740	00
0	0	0	98	\$5,628	98	\$5,742	0	0	0	0	98	\$5,742	98
0	0	0	369	#10 000	369	¢10.202	0	0	0	0	369	#10.202	200
<u> </u>	U	U	309	\$18,920	308	\$19,302	U	U	U	U	309	\$19,302	369
	0	0	211	ውር 222	211	ቀር ጋ ርዐ		0	0	0	211	ቀር ጋ ርዐ	211
0	0	0	211	\$6,232	211	\$6,358	0	0	0	0	211	\$6,358	211
0	0	0	0	0		0	0	0	0	0	0	0	0
ı ºı	0	U	U	U	(y ·	U	U	0	0	0	0	U
ΦΩΕ 111	0	0	290	#25 111		0	290	\$35,821	0	0	290	ተ ጋር በ21	290
\$35,111	٥	U	290	\$35,111	,	' 	290	\$35,821	U	U	290	\$35,821	290
# 5 001			0-	фE 001			0.5	ΦΕ 46:	-		0-	#= 10:	
\$5,081	0	0	85	\$5,081	(0	85	\$5,184	0	0	85	\$5,184	85
****	0			400.004				404.050				#04.050	
\$33,384	0	0	0	\$33,384	(0	0	\$34,059	0	0	0	\$34,059	0
440.010				#10.010				440.455				440.400	
\$18,819	0	0	0	\$18,819	(0	0	\$19,199	0	0	0	\$19,199	0
00.540			_	#0.540				#0.500	-			#0 FCC	-
\$2,542	0	0	0	\$2,542	(0	0	\$2,593	0	0	0	\$2,593	0
004.000	1.001	#70 CTO	E 464	0000.000	0.00	0040 445	077	000.055	4.004	074.404	E 404	#000 CO.	E 101
\$94,936	1,231	\$72,656	5,431	\$382,690	3,825	\$219,445	375	\$96,855	1,231	\$74,124	5,431	\$390,424	5,431

Method d

Table 23, Summary EPA Burdens And Costs for CY-2010-2012

Labor Costs \$191,663	2011 Su Labor Hours	Labor	2012 Su Labor				
Costs	Hours		l anor l		Aver 2010-2012 EPA Burd Labor Labor		
		Cooto		Labor			
\$191.663		Costs	Hours	Costs	Hours	Costs	
	3,356	\$195,467	3,356	\$199,417	3,356	\$195,516	
\$52,914	889	\$53,964	889	\$55,055	889	\$53,978	
\$7,396	133	\$7,543	133	\$7,695	133	\$7,545	
\$5,519	98	\$5,628	98	\$5,742	98	\$5,630	
\$18,552	369	\$18,920	369	\$19,302	369	\$18,925	
\$6,110	211	\$6,232	211	\$6,358	211	\$6,233	
0	0	0	0	0	0	0	
\$34,428	290	\$35,111	290	\$35,821	290	\$35,120	
\$4,982	85	\$5,081	85	\$5,184	85	\$5,082	
\$32,734	0	\$33,384	0	\$34,059	0	\$33,392	
\$18,452	0	\$18,819	0	\$19,199	0	\$18,823	
\$2,492	0	\$2,542	0	\$2,593	0	\$2,542	
\$375,243	5,431	\$382,690	5,431	\$390,424	5,431	\$382,786	

levelopment and reference and equivalent activities covered under another B # 2080.0005, EPA # 0559.08 for 4,718 hours and \$101,000.