

Appendix A - Regulated Entity Burden and Cost

Note: This appendix presents the total incremental burden and cost to regulated facilities over the three year period of the ICR. To calculate the average annual burden and cost presented in Section 6(e) of the ICR (Bottom Line Burden Hours and Cost Tables), the total incremental burden and cost presented in this appendix is divided by three.

Activity		Report Type	Burden Per Response (min)	Cost Per Response	Number of Responses per Respondent	Number of Affected Respondents	Total Number of Responses	Total Burden (min)	Total Cost	
Checking EPA Website	Standard Industrial Dischargers	Majors	5.00	\$ 5.47	1	3,727		18,635	\$ 20,390	
		Non-Majors	5.00	\$ 5.47	1	38,926		194,630	\$ 212,961	
		Non-Major Generals	5.00	\$ 5.47	1	31,805		159,025	\$ 174,002	
		Total					74,458		372,290	\$ 407,353
	Biosolids	Majors	5.00	\$ 5.47	1			-	\$ -	
		Non-Majors	5.00	\$ 5.47	1			-	\$ -	
		Total					-	-	\$ -	
	CAFOs	Non-Majors	5.00	\$ 5.47	1	2,782		13,908	\$ 15,218	
		Non-Major Generals	5.00	\$ 5.47	1	11,624		58,118	\$ 63,592	
		Total				14,405		72,026	\$ 78,810	
	Combined Sewer Systems	Majors	5.00	\$ 5.47	1	591		2,957	\$ 3,236	
		Non-Majors	5.00	\$ 5.47	1	199		993	\$ 1,086	
		Non-Major Generals	5.00	\$ 5.47	1	38		190	\$ 208	
		Total				828		4,140	\$ 4,530	
	Pretreatment and SIUs	Majors	5.00	\$ 5.47	1			-	\$ -	
		Non-Majors	5.00	\$ 5.47	1			-	\$ -	
		Non-Major Generals	5.00	\$ 5.47	1			-	\$ -	
		Total						-	\$ -	
	Sanitary Sewer Systems	Majors	5.00	\$ 5.47	1	3,682		18,410	\$ 20,144	
		Non-Majors	5.00	\$ 5.47	1	9,955		49,775	\$ 54,463	
		Major Generals	5.00	\$ 5.47	1	525		2,626	\$ 2,873	
		Non-Major Generals	5.00	\$ 5.47	1	1,945		9,725	\$ 10,641	
		Total				16,107		80,536	\$ 88,121	
	Stormwater	Phase 1	5.00	\$ 5.47	1	297		1,487	\$ 1,627	
		Phase 2	5.00	\$ 5.47	1	6,299		31,494	\$ 34,460	
		Industrial Stormwater Generals	5.00	\$ 5.47	1	100,000		500,000	\$ 547,091	
		Construction Stormwater Generals	5.00	\$ 5.47	1	76,599		382,995	\$ 419,066	
		Total				183,195		915,976	\$ 1,002,244	
Checking EPA Website Grand Total								288,994	1,444,968	\$ 1,581,057

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Activity	Report Type	Burden Per Response (min)	Cost Per Response	Number of Responses per Respondent	Number of Affected Respondents	Total Number of Responses	Total Burden (min)	Total Cost
Registration with CDX	Standard Industrial Dischargers	Majors	40.00	\$ 39.38	1	3,182	127,260	\$ 125,300
		Non-Majors	40.00	\$ 39.38	1	34,229	1,369,178	\$ 1,348,087
		Non-Major Generals	40.00	\$ 39.38	1	31,802	1,272,073	\$ 1,252,478
		Total				69,213	2,768,512	\$ 2,725,865
	Biosolids	Majors	40.00	\$ 39.38	1	-	-	\$ -
		Non-Majors	40.00	\$ 39.38	1	-	-	\$ -
		Total				-	-	\$ -
	CAFOs	Non-Majors	40.00	\$ 39.38	1	2,781	111,253	\$ 109,539
		Non-Major Generals	40.00	\$ 39.38	1	11,622	464,899	\$ 457,738
		Total				14,404	576,152	\$ 567,277
	Combined Sewer Systems	Majors	40.00	\$ 39.38	1	436	17,431	\$ 17,162
		Non-Majors	40.00	\$ 39.38	1	147	5,897	\$ 5,806
		Non-Major Generals	40.00	\$ 39.38	1	38	1,520	\$ 1,496
		Total				621	24,847	\$ 24,464
	Pretreatment and SIUs	Majors	40.00	\$ 39.38	1	-	-	\$ -
		Non-Majors	40.00	\$ 39.38	1	-	-	\$ -
		Non-Major Generals	40.00	\$ 39.38	1	-	-	\$ -
		Total				-	-	\$ -
	Sanitary Sewer Systems	Majors	40.00	\$ 39.38	1	3,396	135,853	\$ 133,760
		Non-Majors	40.00	\$ 39.38	1	9,310	372,387	\$ 366,651
		Non-Major Generals	40.00	\$ 39.38	1	1,945	77,792	\$ 76,594
		Total				14,651	586,032	\$ 577,005
	Stormwater	Phase 1	40.00	\$ 39.38	1	275	11,015	\$ 10,846
		Phase 2	40.00	\$ 39.38	1	6,496	259,820	\$ 255,818
		Industrial Stormwater Generals	40.00	\$ 39.38	1	1,870	74,803	\$ 73,651
		Construction Stormwater Generals	40.00	\$ 39.38	1	9,191	367,638	\$ 361,975
		Total				17,832	713,277	\$ 702,289
	Registration with CDX Grand Total					116,720	4,668,820	\$ 4,596,900

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Activity	Report Type	Burden Per Response (min)	Cost Per Response	Number of Responses per Respondent	Number of Affected Respondents	Total Number of Responses	Total Burden (min)	Total Cost
Electronic Signature Agreement (ESA)	Standard Industrial Dischargers	Majors	10.80	\$ 11.82	1	3,182	34,364	\$ 37,600
		Non-Majors	10.80	\$ 11.82	1	34,233	369,715	\$ 404,535
		Non-Major Generals	10.80	\$ 11.82	1	-	-	\$ -
		Total					37,415	404,079
	Biosolids	Majors	10.80	\$ 11.82	1	-	-	\$ -
		Non-Majors	10.80	\$ 11.82	1	-	-	\$ -
		Total					-	\$ -
	CAFOs	Non-Majors	10.80	\$ 11.82	1	2,782	30,041	\$ 32,871
		Non-Major Generals	10.80	\$ 11.82	1	-	-	\$ -
		Total					2,782	30,041
	Combined Sewer Systems	Majors	10.80	\$ 11.82	1	436	4,707	\$ 5,150
		Non-Majors	10.80	\$ 11.82	1	147	1,592	\$ 1,742
		Non-Major Generals	10.80	\$ 11.82	1	-	-	\$ -
		Total					583	6,299
	Pretreatment and SIUs	Majors	10.80	\$ 11.82	1	-	-	\$ -
		Non-Majors	10.80	\$ 11.82	1	-	-	\$ -
		Non-Major Generals	10.80	\$ 11.82	1	-	-	\$ -
		Total					-	\$ -
	Sanitary Sewer Systems	Majors	10.80	\$ 11.82	1	3,397	36,684	\$ 40,139
		Non-Majors	10.80	\$ 11.82	1	9,311	100,555	\$ 110,025
		Non-Major Generals	10.80	\$ 11.82	1	-	-	\$ -
		Total					12,707	137,239
	Stormwater	Phase 1	10.80	\$ 11.82	1	275	2,974	\$ 3,255
		Phase 2	10.80	\$ 11.82	1	6,496	70,158	\$ 76,766
		Industrial Stormwater Generals	10.80	\$ 11.82	1	-	-	\$ -
		Construction Stormwater Generals	10.80	\$ 11.82	1	-	-	\$ -
		Total					6,772	73,133
Electronic Signature Agreement (ESA) Grand Total						60,258	650,791	\$ 712,083

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Activity		Report Type	Burden Per Response (min)	Cost Per Response	Number of Responses per Respondent	Number of Affected Respondents	Total Number of Responses	Total Burden (min)	Total Cost
NetDMR Training	Standard Industrial Dischargers	Majors	204.00	\$ 200.86	1	3,182		649,093	\$ 639,095
		Non-Majors	204.00	\$ 200.86	1	34,233		6,983,508	\$ 6,875,932
		Non-Major Generals	204.00	\$ 200.86	1	-		-	\$ -
		Total					37,415		7,632,601
	Biosolids	Majors	204.00	\$ 200.86	1	-		-	\$ -
		Non-Majors	204.00	\$ 200.86	1	-		-	\$ -
		Total						-	\$ -
	CAFOs	Non-Majors	204.00	\$ 200.86	1	-		-	\$ -
		Non-Major Generals	204.00	\$ 200.86	1	-		-	\$ -
		Total						-	\$ -
	Combined Sewer Systems	Majors	204.00	\$ 200.86	1	436		88,905	\$ 87,535
		Non-Majors	204.00	\$ 200.86	1	147		30,075	\$ 29,612
		Non-Major Generals	204.00	\$ 200.86	1	38		7,752	\$ 7,633
		Total					621		126,732
	Pretreatment and SIUs	Majors	204.00	\$ 200.86	1	-		-	\$ -
		Non-Majors	204.00	\$ 200.86	1	-		-	\$ -
		Non-Major Generals	204.00	\$ 200.86	1	-		-	\$ -
		Total						-	\$ -
	Sanitary Sewer Systems	Majors	204.00	\$ 200.86	1	3,397		692,920	\$ 682,246
		Non-Majors	204.00	\$ 200.86	1	9,311		1,899,363	\$ 1,870,105
		Non-Major Generals	204.00	\$ 200.86	1	-		-	\$ -
		Total					12,707		2,592,283
	Stormwater	Phase 1	204.00	\$ 200.86	1	275		56,183	\$ 55,318
		Phase 2	204.00	\$ 200.86	1	5,413		1,104,347	\$ 1,087,335
		Industrial Stormwater Generals	204.00	\$ 200.86	1	-		-	\$ -
		Construction Stormwater Generals	204.00	\$ 200.86	1	-		-	\$ -
		Total					5,689		1,160,530
NetDMR Training Grand Total						56,432		11,512,146	\$ 11,334,811

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Activity		Report Type	Burden Per Response (min)	Cost Per Response	Number of Responses per Respondent	Number of Affected Respondents	Total Number of Responses	Total Burden (min)	Total Cost	
Electronic Reporting to EPA	Standard Industrial Dischargers	Majors				884	15,912	29,172	12,739	
		Permit Application/NOI						-	\$ -	
		DMR	1.83	\$ 0.80	18	884	15,912	29,172	\$ 12,739	
		Program Reports								
		Non-Majors				7,846	141,228	258,918	113,064	
		Permit Application/NOI							-	\$ -
		DMR	1.83	\$ 0.80	18	7,846	141,228	258,918	\$ 113,064	
		Program Reports								
		Non-Major Generals				13,495	134,948	263,353	115,001	
		Permit Application/NOI	8.33	\$ 3.64	1	2,454	2,454	20,447	\$ 8,929	
	DMR	1.83	\$ 0.80	12	11,041	132,494	242,906	\$ 106,072		
	Program Reports							-	\$ -	
	Total					22,225	292,088	551,443	\$ 240,804	
	Biosolids	Majors				11,025	-	1,837	802	
		Permit Application/NOI							-	\$ -
		DMR							-	\$ -
		Program Reports	0.17	\$ 0.07	1	11,025		1,837	\$ 802	
		Non-Majors				-	-	-	-	
		Permit Application/NOI							-	\$ -
	DMR							-	\$ -	
	Program Reports							-	\$ -	
	Total					11,025	-	1,837	\$ 802	
	CAFOs	Non-Majors				1,351	1,351	6,980	\$ 3,048	
		Permit Application/NOI							-	\$ -
		DMR							-	\$ -
		Program Reports	5.17	\$ 2.26	1	1,351	1,351	6,980	\$ 3,048	
		Non-Major Generals				6,640	6,640	39,117	\$ 17,082	
		Permit Application/NOI	10.00	\$ 4.37	1	995	995	9,949	\$ 4,345	
DMR							-	\$ -		
Program Reports	5.17	\$ 2.26	1	5,645	5,645	29,168	\$ 12,737			
Total					7,991	7,991	46,097	\$ 20,130		
Combined Sewer Systems	Majors				436	6,259	12,658	5,527		
	Permit Application/NOI							-	\$ -	
	DMR	1.83	\$ 0.80	18	151	2,713	4,974	\$ 2,172		
	Program Reports	2.17	\$ 0.95	12.43	285	3,547	7,684	\$ 3,356		
	Non-Majors				155	2,268	4,551	1,988		
	Permit Application/NOI							-	\$ -	
	DMR	1.83	\$ 0.80	18	60	1,085	1,989	\$ 869		
	Program Reports	2.17	\$ 0.95	12.43	95	1,182	2,562	\$ 1,119		
	Non-Major Generals				42	468	973	425		
	Permit Application/NOI	11.33	\$ 4.95	1	4	4	43	\$ 19		
DMR	1.83	\$ 0.80	12	19	228	418	\$ 183			
Program Reports	2.17	\$ 0.95	12.43	19	236	512	\$ 223			
Total					633	8,995	18,182	\$ 7,940		

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Activity	Report Type	Burden Per Response (min)	Cost Per Response	Number of Responses per Respondent	Number of Affected Respondents	Total Number of Responses	Total Burden (min)	Total Cost			
Electronic Reporting to EPA (continued)	Pretreatment and SIUS	Majors				696	3,977	10,309	4,502		
		Permit Application/NOI						-	\$ -		
		DMR	1.83	\$ 0.80	18	193	3,474	6,369	\$ 2,781		
		Program Reports	7.83	\$ 3.42	1	503	503	3,940	\$ 1,721		
		Non-Majors					5,493	5,748	43,409	18,956	
		Permit Application/NOI							-	\$ -	
		DMR	1.83	\$ 0.80	18	15	270	495	\$ 216		
		Program Reports	7.83	\$ 3.42	1	5,478	5,478	42,914	\$ 18,740		
		Total					6,189	9,725	53,718	\$ 23,458	
	Sanitary Sewer Systems	Majors					2,804	23,186	44,112	19,263	
		Permit Application/NOI							-	\$ -	
		DMR	1.83	\$ 0.80	18	1,021	18,371	33,680	\$ 14,707		
		Program Reports	2.17	\$ 0.95	2.70	1,783	4,815	10,432	\$ 4,556		
		Non-Majors					7,581	62,687	119,266	52,081	
		Permit Application/NOI							-	\$ -	
		DMR	1.83	\$ 0.80	18	2,759	49,669	91,060	\$ 39,764		
		Program Reports	2.17	\$ 0.95	2.70	4,821	13,018	28,206	\$ 12,317		
		Non-Major Generals					2,157	14,504	29,064	12,692	
		Permit Application/NOI	9.33	\$ 4.08	1	213	213	1,990	\$ 869		
		DMR	1.83	\$ 0.80	12	973	11,670	21,395	\$ 9,343		
		Program Reports	2.17	\$ 0.95	2.70	971	2,621	5,679	\$ 2,480		
		Total					12,541	100,377	192,442	\$ 84,036	
		Stormwater	Phase 1					185	878	1,658	724
			Permit Application/NOI							-	\$ -
	DMR		1.83	\$ 0.80	18	41	734	1,346	\$ 588		
	Program Reports		2.17	\$ 0.95	1	144	144	311	\$ 136		
	Phase 2						1,168	1,168	2,530	1,105	
	Permit Application/NOI								-	\$ -	
	DMR								-	\$ -	
	Program Reports		2.17	\$ 0.95	1	1,168	1,168	2,530	\$ 1,105		
Industrial Stormwater Generals						46,330	124,392	259,684	113,399		
Permit Application/NOI	6.17		\$ 2.69	1	7,300	7,300	45,015	\$ 19,657			
DMR	1.83		\$ 0.80	3	39,031	117,092	214,669	\$ 93,742			
Program Reports								-	\$ -		
Construction Stormwater Generals						15,728	15,728	73,647	32,160		
Permit Application/NOI	4.83		\$ 2.11	1	14,938	14,938	72,199	\$ 31,528			
DMR	1.83		\$ 0.80	1	790	790	1,449	\$ 633			
Program Reports							-	\$ -			
Total					63,410	142,165	337,519	\$ 147,388			
Electronic Reporting to EPA Grand Total						112,990	561,342	1,199,401	\$ 524,557		

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Activity	Report Type	Burden Per Response (min)	Cost Per Response	Number of Responses per Respondent	Number of Affected Respondents	Total Number of Responses	Total Burden (min)	Total Cost
Paper & Mailing Savings	Standard Industrial Dischargers	Majors	\$ (1.01)	30 - 36	3,090	-	\$ (94,080)	
		Majors, Federal (DMRs)	\$ (1.01)	36	105	-	\$ (3,806)	
		Majors, State (DMRs)	\$ (1.01)	30	2,986	-	\$ (90,274)	
		Non-Majors	\$ (1.01)	30 - 36	33,250	-	\$ (1,008,693)	
		Non-Majors, Federal (DMRs)	\$ (1.01)	36	550	-	\$ (19,947)	
		Non-Majors, State (DMRs)	\$ (1.01)	30	32,700	-	\$ (988,746)	
		Non-Major Generals	\$ (1.01)	24 - 36	31,805	-	\$ (774,793)	
		Non-Major General, Federal (DMRs)	\$ (1.01)	36	450	-	\$ (16,328)	
		Non-Major General, State (DMRs)	\$ (1.01)	24	31,355	-	\$ (758,465)	
		Total				68,145	-	\$ (1,877,566)
	Biosolids	Majors (Program Reports)	\$ (0.52)	2	4,209	-	\$ (4,356)	
		Non-Majors (Program Reports)	\$ (0.52)	2	694	-	\$ (718)	
		Total			4,903	-	\$ (5,074)	
	CAFOs	Non-Majors (Program Reports)	\$ (0.52)	2	2,782	-	\$ (2,878)	
		Non-Major Generals (Program Reports)	\$ (0.52)	2	11,624	-	\$ (12,027)	
		Total			14,405	-	\$ (14,906)	
	Combined Sewer Systems	Majors	(\$0.52) - (\$1.01)	24.86 - 36	591	-	\$ (20,527)	
		Majors, Federal (DMRs)	\$ (1.01)	36	20	-	\$ (730)	
		Majors, State (DMRs)	\$ (1.01)	30	403	-	\$ (12,191)	
		Majors, All (Program Reports)	\$ (0.52)	24.86	591	-	\$ (7,606)	
		Non-Majors	(\$0.52) - (\$1.01)	24.86 - 36	199	-	\$ (6,932)	
		Non-Majors, Federal (DMRs)	\$ (1.01)	36	8	-	\$ (292)	
		Non-Majors, State (DMRs)	\$ (1.01)	30	135	-	\$ (4,086)	
		Non-Majors, All (Program Reports)	\$ (0.52)	24.86	199	-	\$ (2,554)	
		Non-Major Generals	(\$0.52) - (\$1.01)	24 - 24	38	-	\$ (1,381)	
		Non-Major General, Federal (DMRs)	\$ (1.01)	24	-	-	\$ -	
	Non-Major General, State (DMRs)	\$ (1.01)	24	37	-	\$ (893)		
	Non-Major General, All (Program Reports)	\$ (0.52)	24.86	38	-	\$ (489)		
	Total				828	-	\$ (28,840)	
	Pretreatment and SIUs	Majors	(\$0.52) - (\$1.01)	2 - 36	1,167	-	\$ (38,175)	
		Majors, Federal (DMRs)	\$ (1.01)	36	328	-	\$ (11,894)	
		Majors, State (DMRs)	\$ (1.01)	30	839	-	\$ (25,367)	
		Majors, All (Program Reports)	\$ (0.52)	2	884	-	\$ (915)	
		Non-Majors	(\$0.52) - (\$1.01)	2 - 36	104	-	\$ (3,254)	
		Non-Majors, Federal (DMRs)	\$ (1.01)	36	8	-	\$ (285)	
		Non-Majors, State (DMRs)	\$ (1.01)	30	96	-	\$ (2,907)	
		Non-Majors, All (Program Reports)	\$ (0.52)	2	59	-	\$ (62)	
		Total				1,271	-	\$ (41,429)

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Paper & Mailing Savings (continued)	Sanitary Sewer Systems	Majors	(\$0.52) - (\$1.01)		5.4 - 36	3,676	-	(110,667)	
		Majors, Federal (DMRs)	\$ (1.01)		36	106	-	\$ (3,854)	
		Majors, State (DMRs)	\$ (1.01)		30	3,193	-	\$ (96,544)	
		Majors, All (Program Reports)	\$ (0.52)		5.4	3,676	-	\$ (10,269)	
		Non-Majors	(\$0.52) - (\$1.01)		5.4 - 36	9,938	-	(302,940)	
		Non-Majors, Federal (DMRs)	\$ (1.01)		36	287	-	\$ (10,419)	
		Non-Majors, State (DMRs)	\$ (1.01)		30	8,756	-	\$ (264,756)	
		Non-Majors, All (Program Reports)	\$ (0.52)		5.4	9,938	-	\$ (27,765)	
		Non-Major Generals	(\$0.52) - (\$1.01)		5.4 - 24	1,942	-	(51,122)	
		Non-Major General, Federal (DMRs)	\$ (1.01)		24	-	-	\$ -	
		Non-Major General, State (DMRs)	\$ (1.01)		24	1,889	-	\$ (45,697)	
		Non-Major General, All (Program Reports)	\$ (0.52)		5.4	1,942	-	\$ (5,425)	
		Total				15,556		-	\$ (464,729)
		Stormwater	Phase 1	(\$0.52) - (\$1.01)		2 - 36	297	-	(8,454)
	Phase 1, Federal (DMRs)		\$ (1.01)		36	10	-	\$ (348)	
	Phase 1, State (DMRs)		\$ (1.01)		30	258	-	\$ (7,799)	
	Phase 1, All (Program Reports)		\$ (0.52)		2	297	-	\$ (308)	
	Phase 2		(\$0.52) - (\$1.01)		2 - 36	2,520	-	(2,607)	
	Phase 2, Federal (DMRs)		\$ (1.01)		36	-	-	\$ -	
	Phase 2, State (DMRs)		\$ (1.01)		30	-	-	\$ -	
	Phase 2, All (Program Reports)		\$ (0.52)		2	2,520	-	\$ (2,607)	
	Industrial Stormwater Generals		\$ (1.01)		6 - 9	100,000	-	\$ (611,857)	
	Industrial Stormwater General, Federal		\$ (1.01)		9	2,354	-	\$ (21,352)	
	Industrial Stormwater General, State		\$ (1.01)		6	97,646	-	\$ (590,505)	
	Construction Stormwater Generals		\$ (1.01)		2 - 3	2,221	-	\$ (4,586)	
	Construction Stormwater Generals, Federal		\$ (1.01)		3	107	-	\$ (324)	
	Construction Stormwater Generals, State	\$ (1.01)		2	2,114	-	\$ (4,262)		
Total				105,038		-	\$ (627,504)		
Paper & Mailing Savings Grand Total					205,243		-	\$ (3,054,974)	
Three-Year Total					288,994	561,342	19,476,125	\$ 15,694,435	
Average Annual					233,160	187,114	6,492,042	\$ 5,231,478	

Note: The average annual number of respondents is based on the following: In the first year regulated facilities must check the EPA website, and some may incur savings associated with paper mailings. In the second year, some regulated facilities must dual report to EPA and some may incur savings associated with paper mailings. In the third year, fewer regulated facilities must dual report to EPA and a greater number incur savings associated with paper mailings.