

## Appendix A

**Table A1. Respondents and Other Assumptions**

<b>Description</b>	<b>Number</b>	<b>Source</b>
Annual Number of Construction Starts > 1 acre	243,076	Jack Faulk, personal communication. Tuesday 5/21/2008 5:57 PM
Total Number of Small MS4s Issued by EPA	462	Jack Faulk, personal communication. Tuesday 5/21/2008 5:57 PM.
Total Number of Small MS4s Issued by Authorized States	5,635	Jack Faulk, personal communication. Tuesday 5/21/2008 5:57 PM.
Total Number of Industrial Facilities eligible for the "no exposure" to stormwater waver from Phase I regulations.	36,377	Economic Analysis of the Final Phase II Stormwater Rule (10/01/1999) as cited in NPDES Stormwater Program Phase II (EPA ICR No 1820.04, OMB Control No. 2040-0211) corrected by Jack Faulk, personal communication. Th 04/08/2008: "I believe the no exposure number is five times higher than our current thinking. I would use 36377 as the number of sites covered by a no exposure certification."
Total Number of Existing Major NPDES Permits - Municipal	4,171	PCS or ICIS Query: Standard (individual) NPDES Municipal
Total Number of Existing Minor NPDES Permits - Municipal	10,390	PCS or ICIS Query: Standard (individual) NPDES Municipal
Total Number of Existing Sludge Only NPDES Permits - Municipal	1,685	PCS or ICIS Query: Sludge Only Municipal
Total Number of Existing Major NPDES Permits - Nonmunicipal	2,173	PCS or ICIS Query: Standard (individual) NPDES Nonmunicipal
Total Number of Existing Minor NPDES Permits - Nonmunicipal	35,501	PCS or ICIS Query: Standard (individual) NPDES Nonmunicipal
Total Number of Existing Sludge Only NPDES Permits - Nonmunicipal	217	PCS or ICIS Query: Sludge Only Nonmunicipal
Total Number of Existing Major NPDES Permits - Federal	92	PCS or ICIS Query: Standard (individual) NPDES Federal
Total Number of Existing Minor NPDES Permits - Federal	647	PCS or ICIS Query: Standard (individual) NPDES Federal
Annual Number of New Major NPDES Permits - Nonmunicipal Industrial	19	PCS or ICIS Query: New STANDARD NPDES in the previous 3 years Nonmunicipal

Annual Number of New Minor NPDES Permits - Nonmunicipal Industrial	1,117	PCS or ICIS Query: New STANDARD NPDES in the previous 3 years Nonmunicipal
Annual Number of New NPDES Permits - Nonmunicipal Stormwater	55	PCS or ICIS Query: New STORMWATER NPDES in last 3 years Nonmunicipal
Total Number of Existing NPDES Permits - Nonmunicipal Industrial	37,674	PCS or ICIS Query: Standard (individual) NPDES Nonmunicipal
Total Number of Existing NPDES Permits - Nonmunicipal Stormwater (individual Permit)	652	PCS or ICIS Query: STORMWATER (individual) NPDES Nonmunicipal
Total Number of NPDES General Permits Issued by EPA (Not permittees covered by general permits, but general permits)	26	PCS or ICIS Query: General Permits (not permittees)
Total Number of NPDES General Permits Issued by Authorized States (Not permittees covered by general permits, but general permits)	443	PCS or ICIS Query: General Permits (not permittees)
Total Number of Phase I MS4s Permittees (Issued by States)	934	Jack Faulk, personal communication. Tuesday 5/21/2008 5:57 PM. Assumed half are large and half are medium MS4s.
Total Number of Phase I MS4s Permittees (Issued by EPA)	16	Jack Faulk, personal communication. Tuesday 5/21/2008 5:57 PM. Assumed half are large and half are medium MS4s.
Total Number of Phase I MS4s Permits (Issued by States)	280	Jack Faulk, personal communication. Tuesday 5/21/2008 5:57 PM.
Total Number of Phase I MS4s Permits (Issued by EPA)	7	Jack Faulk, personal communication. Tuesday 5/21/2008 5:57 PM.
Annual Number of New Permits-Major	52	PCS or ICIS Query: New Standard (individual) NPDES in the previous 3 years
Annual Number of New Permits-Minor	1,233	PCS or ICIS Query: New Standard (individual) NPDES in the previous 3 years
Annual Number of New State Issued Permits-General	9	PCS or ICIS Query: New general permits (not permittees) in the previous 3 years
Number of Local Pretreatment Programs in Authorized States	1,115	Information Collection Request: National Pretreatment Program. OMB Control No. 2040-0009, EPA ICR No. 0002.13. September 2007.

Number of Local Pretreatment Programs in Non-Authorized States	397	Information Collection Request: National Pretreatment Program. OMB Control No. 2040-0009, EPA ICR No. 0002.13. September 2007.
Total Number of Existing POTWs $\geq 1.0$ mgd	3,993	PCS or ICIS Query: SIC 4952 POTW
Total Number of Existing POTWs 0.1 - 1.0 mgd	5,664	PCS or ICIS Query: SIC 4952 POTW
Total Number of Existing POTWs $< 0.1$ mgd	3,313	PCS or ICIS Query: SIC 4952 POTW
Total Number of Existing POTWs Unknown Flow	1,530	PCS or ICIS Query: SIC 4952 POTW
Total Adjusted Number of Existing POTWs $\geq 1.0$ mgd	4,462	PCS or ICIS Query: SIC 4952; adjusted to account for facilities without flow information in PCS
Total Adjusted Number of Existing POTWs 0.1 - 1.0 mgd	6,337	PCS or ICIS Query: SIC 4952; adjusted to account for facilities without flow information in PCS
Total Adjusted Number of Existing POTWs $< 0.1$ mgd	3,701	PCS or ICIS Query: SIC 4952; adjusted to account for facilities without flow information in PCS
Total Number of Existing PrOTWs	3,561	PCS or ICIS Query: SIC 4952 PrOTW
Total Number of Industrial stormwater dischargers covered by a Multi-Sector General Permit (MSGP)	89,415	Jack Faulk, personal communication. Tuesday 5/21/2008 5:57 PM
Annual Number of Notice of Termination (NOT) from Industrial stormwater dischargers under the Multi-Sector General Permit (MSGP)	6,857	Estimate from previous ICR.
Annual Number of Municipal Sludge Facilities required under their sewage sludge permit conditions to submit Permittee Reports of Planned Facility Changes and Anticipated Noncompliance.	153	Estimate from previous ICR.
Annual Number of Nonmunicipal Sludge Facilities required under their sewage sludge permit conditions to submit Permittee Reports of Planned Facility Changes and Anticipated Noncompliance.	10	Estimate from previous ICR.
Annual Number of sludge facilities required to submit Permittee Reports of Inaccurate Previous Information under sewage sludge use or disposal conditions	30	Estimate from previous ICR.

Total Number of Non-Stormwater General Permittees (State-issued)	54,053	GPCFs March 2008, excluding GM. From Beth Ragnauth
Total Number of Non-Stormwater General Permittees (EPA-issued)	2,805	GPCFs March 2008, excluding GM. From Beth Ragnauth
Uniform Federal Transportation/Utility System Application Form (Alaskan Lands Application)	3	Estimate from previous ICR.
MS4 Petition for Individual Permit	24	Estimate from previous ICR.
Permit Consolidation Request	2	Estimate from previous ICR.
Notification of Construction Prior to Wastewater Permit Issuance	3	Estimate from previous ICR.
NPDES Ocean Discharge Information	30	Estimate from previous ICR.
Total Number of CAFO Permittees	15,782	Supporting Statement for the Information Collection Request for NPDES Regulatory Revisions for Concentrated Animal Feeding Operations (Supplemental Notice of Proposed Rulemaking). March 2008. EPA ICR NO. 1989.05
Total Number of CAAP Permittees	245	Information Collection Request: Concentrated Aquatic Animal Production Effluent Guidelines. ICR No. 2087.03, OMB No. 2040-0258. September 2007
Annual Number of POTWs required to submit compliance schedule reports regarding sewage sludge permit conditions	100	Estimate from previous ICR.
Annual Number of PrOTWs required to submit compliance schedule reports regarding sewage sludge permit conditions	32	Estimate from previous ICR.
Annual Number of POTWs required to submit non-compliance reports regarding sewage sludge permit conditions	31	Estimate from previous ICR.
Annual Number of PrOTWs required to submit non-compliance reports regarding sewage sludge permit conditions	10	Estimate from previous ICR.

Annual Number of permittees required to respond to Section 308(a) letters	1,200	Estimate from previous ICR.
Total Number of Pesticides Packaging and Repackaging facilities with certification potential	326	Estimate from previous ICR.
Total Number of Aluminum Forming facilities with certification potential	76	Estimate from previous ICR.
Total Number of Coil Coating facilities with certification potential	101	Estimate from previous ICR.
Total Number of Can Making (subcategory of coil coating) facilities with certification potential	18	Estimate from previous ICR.
Total Number of Porcelain Enameling* facilities with certification potential	54	Estimate from previous ICR.
Total Number of Pharmaceutical Manufacturing facilities with certification potential	130	Estimate from previous ICR.
Total Number of Pulp, Paper, and Paperboard facilities with certification potential	361	Estimate from previous ICR.
Total Number of Subpart B, Bleached Papergrade Kraft and Soda facilities with certification potential	74	Estimate from previous ICR.
Total Number of Building Paper and Board Mills facilities with certification potential	174	Estimate from previous ICR.
Total Number of Steam Electric facilities with certification potential	1,372	Estimate from previous ICR.
Total Number of Electroplating** facilities with certification potential	0	Estimate from previous ICR.
Total Number of Metal Finishing facilities with certification potential	2,032	Estimate from previous ICR.
Total Number of Electrical and Electronic Components facilities with certification potential	86	Estimate from previous ICR.
Annual Number of Part 435 Certification of Oil and Gas Extraction	68	Estimate from previous ICR.

Annual Number of sites to be permitted Coal Remining at AML with pre-existing discharges (AL)	0	Economic and Environmental Impact Assessment of Effluent Limitations Guidelines and Standards for the Coal Mining Industry: Remining and Western Alkaline Subcategories (EPA-821-B-01-013).
Annual Number of sites to be permitted Coal Remining at AML with pre-existing discharges (IL)	0	Economic and Environmental Impact Assessment of Effluent Limitations Guidelines and Standards for the Coal Mining Industry: Remining and Western Alkaline Subcategories (EPA-821-B-01-013).
Annual Number of sites to be permitted Coal Remining at AML with pre-existing discharges (IN)	5	Economic and Environmental Impact Assessment of Effluent Limitations Guidelines and Standards for the Coal Mining Industry: Remining and Western Alkaline Subcategories (EPA-821-B-01-013).
Annual Number of sites to be permitted Coal Remining at AML with pre-existing discharges (KY)	7	Economic and Environmental Impact Assessment of Effluent Limitations Guidelines and Standards for the Coal Mining Industry: Remining and Western Alkaline Subcategories (EPA-821-B-01-013).
Annual Number of sites to be permitted Coal Remining at AML with pre-existing discharges (MD)	1	Economic and Environmental Impact Assessment of Effluent Limitations Guidelines and Standards for the Coal Mining Industry: Remining and Western Alkaline Subcategories (EPA-821-B-01-013).
Annual Number of sites to be permitted Coal Remining at AML with pre-existing discharges (OH)	21	Economic and Environmental Impact Assessment of Effluent Limitations Guidelines and Standards for the Coal Mining Industry: Remining and Western Alkaline Subcategories (EPA-821-B-01-013).
Annual Number of sites to be permitted Coal Remining at AML with pre-existing discharges (PA)	26	Economic and Environmental Impact Assessment of Effluent Limitations Guidelines and Standards for the Coal Mining Industry: Remining and Western Alkaline Subcategories (EPA-821-B-01-013).
Annual Number of sites to be permitted Coal Remining at AML with pre-existing discharges (TN)	9	Economic and Environmental Impact Assessment of Effluent Limitations Guidelines and Standards for the Coal Mining Industry: Remining and Western Alkaline Subcategories (EPA-821-B-01-013).
Annual Number of sites to be permitted Coal Remining at AML with pre-existing discharges (VA)	9	Economic and Environmental Impact Assessment of Effluent Limitations Guidelines and Standards for the Coal Mining Industry: Remining and Western Alkaline Subcategories (EPA-821-B-01-013).
Annual Number of sites to be permitted Coal Remining at AML with pre-existing discharges (WV)	0	Economic and Environmental Impact Assessment of Effluent Limitations Guidelines and Standards for the Coal Mining Industry: Remining and Western Alkaline Subcategories (EPA-821-B-01-013).
Total Number of Western Alkaline Coal Mining with Sediment Control	46	Need to get from EPA. Original Source: 1998 Keystone Coal Industry Manual (as cited in EPA ICR No. 1944.03). These mines are in AZ, CO, MT, NM, ND, UT and WY. All except NM have NPDES authorization.

Total number of Subpart B, Bleached Papergrade Kraft and Soda Enrolled in Milestone Plans	29	EPA ICR No. 1877.03
Total Number of Subpart B, Bleached Papergrade Kraft and Soda anticipated to Enrolled in Milestone Plans (Tier One Mills)	0	Estimate from previous ICR.
Total Number of Subpart B, Bleached Papergrade Kraft and Soda anticipated to Enrolled in Milestone Plans (Tier Two Mills)	0	Estimate from previous ICR.
Total Number of Subpart B, Bleached Papergrade Kraft and Soda anticipated to Enrolled in Milestone Plans (Tier Three Mills)	0	Estimate from previous ICR.
Total Number of Subpart B Bleached Papergrade Kraft & Soda, Direct Discharging facilities	75	Estimate from previous ICR.
Total Number of Subpart E Ca / Sodium / Mg Sulfite, Direct Discharging facilities	5	Estimate from previous ICR.
Total Number of Subpart E Ammonium Sulfite, Direct Discharging facilities	2	Estimate from previous ICR.
Total Number of Subpart E Specialty Grade, Direct Discharging facilities	2	Estimate from previous ICR.
Total number of Minor (Municipal) Dischargers not required to report	1,666	PCS or ICIS Query: STANDARD (municipal and nonmunicipal) minor reporting frequency
Total number of Minor (nonmunicipal) Dischargers not required to report	14,374	PCS or ICIS Query: STANDARD (municipal and nonmunicipal) minor reporting frequency
Total number of Minor (Municipal) Dischargers that report Monthly	7,439	PCS or ICIS Query: STANDARD (municipal and nonmunicipal) minor reporting frequency
Total number of Minor (nonmunicipal) Dischargers that report Monthly	14,678	PCS or ICIS Query: STANDARD (municipal and nonmunicipal) minor reporting frequency
Total number of Minor (Municipal) Dischargers that report Bimonthly	7	PCS or ICIS Query: STANDARD (municipal and nonmunicipal) minor reporting frequency
Total number of Minor (nonmunicipal) Dischargers that report Bimonthly	59	PCS or ICIS Query: STANDARD (municipal and nonmunicipal) minor reporting frequency

Total number of Minor (Municipal) Dischargers that report Quarterly	1,038	PCS or ICIS Query: STANDARD (municipal and nonmunicipal) minor reporting frequency
Total number of Minor (nonmunicipal) Dischargers that report Quarterly	4,491	PCS or ICIS Query: STANDARD (municipal and nonmunicipal) minor reporting frequency
Total number of Minor (Municipal) Dischargers that report Semi-Annually	14	PCS or ICIS Query: STANDARD (municipal and nonmunicipal) minor reporting frequency
Total number of Minor (nonmunicipal) Dischargers that report Semi-Annually	360	PCS or ICIS Query: STANDARD (municipal and nonmunicipal) minor reporting frequency
Total number of Minor (Municipal) Dischargers that report Annually	226	PCS or ICIS Query: STANDARD (municipal and nonmunicipal) minor reporting frequency
Total number of Minor (nonmunicipal) Dischargers that report Annually	1,539	PCS or ICIS Query: STANDARD (municipal and nonmunicipal) minor reporting frequency
Percent of Non-stormwater General Permittees not required to report	55.8%	PCS or ICIS Query: General Permits (non-stormwater) reporting frequency
Percent of Non-stormwater General Permittees that report Monthly	13.8%	PCS or ICIS Query: General Permits (non-stormwater) reporting frequency
Percent of Non-stormwater General Permittees that report Bimonthly	0.0%	PCS or ICIS Query: General Permits (non-stormwater) reporting frequency
Percent of Non-stormwater General Permittees that report Quarterly	22.6%	PCS or ICIS Query: General Permits (non-stormwater) reporting frequency
Percent of Non-stormwater General Permittees that report Semi-Annually	3.3%	PCS or ICIS Query: General Permits (non-stormwater) reporting frequency
Percent of Non-stormwater General Permittees that report Annually	4.5%	PCS or ICIS Query: General Permits (non-stormwater) reporting frequency
Total Number of Domestic Septage Haulers	4,784	Estimate from previous ICR.
Sludge Only, Class I Mgmt Facilities (Municipal Biosolids)	138	PCS or ICIS Query: Sludge Only Municipal by Sludge Type
Sludge Only, Non-Class I Mgmt Facilities (Municipal Biosolids)	1,242	PCS or ICIS Query: Sludge Only Municipal by Sludge Type
Sludge Only, Unknown Class Mgmt Facilities (Municipal Biosolids)	305	PCS or ICIS Query: Sludge Only Municipal by Sludge Type
Sludge Only, Class I Mgmt Facilities (Industrial)	27	PCS or ICIS Query: Sludge Only Nonmunicipal by Sludge Type



Sludge Only, Non-Class I Mgmt Facilities (Industrial)	99	PCS or ICIS Query: Sludge Only Nonmunicipal by Sludge Type
Sludge Only, Unknown Class Mgmt Facilities (Industrial Biosolids)	91	PCS or ICIS Query: Sludge Only Nonmunicipal by Sludge Type
Sludge / NPDES POTWs, Class I Sludge Mgmt Facilities	826	PCS or ICIS Query: SIC 4952 (POTW) by sludge type
Sludge / NPDES POTWs, Non-Class I Sludge Mgmt Facilities	1,168	PCS or ICIS Query: SIC 4952 (POTW) by sludge type
Sludge / NPDES POTWs, Unknown Class Sludge Mgmt Facilities	12,506	PCS or ICIS Query: SIC 4952 (POTW) by sludge type
Sludge / NPDES PrOTWs, Class I Sludge Mgmt Facilities	35	PCS or ICIS Query: SIC 4952 (PrOTW) by sludge type
Sludge / NPDES PrOTWs, Non-Class I Sludge Mgmt Facilities	41	PCS or ICIS Query: SIC 4952 (PrOTW) by sludge type
Sludge / NPDES PrOTWs, Unknown Class Sludge Mgmt Facilities	3,485	PCS or ICIS Query: SIC 4952 (PrOTW) by sludge type
Total number of Major Municipal facilities in the Great Lakes Watershed	323	PCS or ICIS Great Lakes Queries
Total number of Major Nonmunicipal facilities in the Great Lakes Watershed	214	PCS or ICIS Great Lakes Queries
Total number of Minor Municipal facilities in the Great Lakes Watershed	937	PCS or ICIS Great Lakes Queries
Total number of Minor Nonmunicipal facilities in the Great Lakes Watershed	1,375	PCS or ICIS Great Lakes Queries
Additional facilities that will require WQBEL monitoring under the Great Lakes Program	176	Assessment of Compliance Costs Resulting from Implementation of the Final Great Lakes Water Quality Guidance (March 13, 1995)
Municipal facilities required to develop approvable control strategies (Pollutant Minimization Programs) under the Great Lakes Program	20	EPA estimate
Municipal facilities required to Implement control strategies (Pollutant Minimization Programs) under the Great Lakes Program	170	EPA estimate
Nonmunicipal facilities required to develop approvable control strategies (Pollutant Minimization Programs) under the Great Lakes Program	40	EPA estimate

Nonmunicipal facilities required to implement approvable control strategies (Pollutant Minimization Programs) under the Great Lakes Program	250	EPA estimate
Annual modification and variance request under the Great Lakes Program	18	Assessment of Compliance Costs Resulting from Implementation of the Final Great Lakes Water Quality Guidance (March 13, 1995)
Total number of Municipalities with Combined Sewer Systems	746	2004 Report to Congress: Impacts and Control of CSOs and SSOs
Total number of CSO Permits	853	CSO update. Limno-Tech Inc. (06/20/2007)
CSO permits with LTCP Permit Requirements	761	CSO update. Limno-Tech Inc. (06/20/2007)
Municipalities that will submit NMC documentation in the next 3 years - Small	13	65% of CSO permits that will submit NMC documentation (OMB No. 2040-0170; EPA ICR No. 1680.04)
Municipalities that will submit NMC documentation in the next 3 years - Medium	5	25% of CSO permits that will submit NMC documentation (OMB No. 2040-0170; EPA ICR No. 1680.04)
Municipalities that will submit NMC documentation in the next 3 years - Large	2	10% of CSO permits that will submit NMC documentation (OMB No. 2040-0170; EPA ICR No. 1680.04)
Percentage of Municipalities that Choose Public Notification - Option 1 (Signs at outfalls)	43%	Previous CSO Control Policy ICR (OMB No. 2040-0170; EPA ICR No. 1680.04)
Percentage of Municipalities that Choose Public Notification - Option 2 (Signs at beaches, other public exposure areas)	43%	Previous CSO Control Policy ICR (OMB No. 2040-0170; EPA ICR No. 1680.04)
Percentage of Municipalities that Choose Public Notification - Option 3 (Press or radio advisories)	30%	Previous CSO Control Policy ICR (OMB No. 2040-0170; EPA ICR No. 1680.04)
Small Permittees Writing LTCP that have existing studies	13	6.6% of CSO permits that will submit LTCP (OMB No. 2040-0170; EPA ICR No. 1680.04)
Medium Permittees Writing LTCP that have existing studies	26	13.1% of CSO permits that will submit LTCP (OMB No. 2040-0170; EPA ICR No. 1680.04)
Large Permittees Writing LTCP that have existing studies	8	4.3% of CSO permits that will submit LTCP (OMB No. 2040-0170; EPA ICR No. 1680.04)
Small Permittees Writing LTCP that do not have existing studies	117	59.3% of CSO permits that will submit LTCP (OMB No. 2040-0170; EPA ICR No. 1680.04)
Medium Permittees Writing LTCP that do not have existing studies	25	12.8% of CSO permits that will submit LTCP (OMB No. 2040-0170; EPA ICR No. 1680.04)

Large Permittees Writing LTCP that do not have existing studies	8	3.9% of CSO permits that will submit LTCP (OMB No. 2040-0170; EPA ICR No. 1680.04)
---	---	--

**Table A2. Unique Respondents**

<b>Respondent Type</b>	<b>Number</b>
Annual Number of Construction Starts > 1 acre	243,076
Total Number of Small MS4s	6,097
Total Number of Large/Medium MS4s	950
Total Number of Existing Standard and sludge only Individual NPDES Permits	54,876
Total Number of Industrial stormwater dischargers covered by a Multi-Sector General Permit (MSGP)	89,415
Total Number of Existing NPDES Permits - Nonmunicipal Stormwater (individual Permit)	652
Total Number of Industrial Facilities eligible for the "no exposure" to stormwater waver from Phase I regulations	36,377
Total Number of Non-Stormwater General Permittees	54,053
Total Number of CAFO Permittees	15,782
Total Number of CAAP Permittees	245
Total Number of Domestic Septage Haulers	4,784
Total number of Municipalities with Combined Sewer Systems	746
Total number of Vessels	57,761
Total non-state respondents	564,814
Authorized States	46
States, Tribes, territories and DC	618 *

\* 572 of these 618 states respond to only one information item (certification of EPA-issued permits) [C40]