

APPENDIX E

Detailed Existing Budget/Additional Funds and Funding Dap Information

Existing and Supplemental MS4 Budgets	
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Phase I	
138	# of selected permittee who provided existing budget info
\$1,366,476,624	total sum of budgets for selected permittee types who provided that info
\$9,902,005	average budget amount associated with the total provided
138	# of selected permittee who provided existing budget info
\$1,520,295,906	total sum of budgets for selected permittee types who provided that info
\$11,016,637	average budget amount associated with the total provided
\$153,819,282	additional bugetary input
\$1,114,632	additional average budgetary input

Phase II	
404	# of selected permittee who provided existing budget info
\$570,252,132	total sum of budgets for selected permittee types who provided that info
\$1,411,515	average budget amount associated with the total provided
409	# of selected permittee who provided existing budget info
\$951,630,284	total sum of budgets for selected permittee types who provided that info
\$2,326,724	average budget amount associated with the total provided
\$381,378,152	additional bugetary input
\$915,209	additional average budgetary input

Non-traditional Phase II	
38	# of selected permittee who provided existing budget info
\$26,115,158	total sum of budgets for selected permittee types who provided that info
\$687,241	average budget amount associated with the total provided
38	# of selected permittee who provided existing budget info
\$30,325,158	total sum of budgets for selected permittee types who provided that info
\$798,030	average budget amount associated with the total provided
\$4,210,000	additional bugetary input
\$110,789	additional average budgetary input

State DOT	
15	# of selected permittee who provided existing budget info
\$66,570,000	total sum of budgets for selected permittee types who provided that info
\$4,438,000	average budget amount associated with the total provided
15	# of selected permittee who provided existing budget info
\$99,340,000	total sum of budgets for selected permittee types who provided that info
\$6,622,667	average budget amount associated with the total provided
\$32,770,000	additional bugetary input
\$2,184,667	additional average budgetary input

All MS4 Permittees	
595	# of selected permittee who provided existing budget info
\$2,029,413,914	total sum of budgets for selected permittee types who provided that info
\$3,410,780	average budget amount associated with the total provided
600	# of selected permittee who provided existing budget info
\$2,601,591,348	total sum of budgets for selected permittee types who provided that info
\$4,335,986	average budget amount associated with the total provided
\$572,177,434	additional bugetary input
\$925,206	additional average budgetary input

Budget/Funding Gap Information	
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Phase I	
85	# of selected permittee who provided funding gap info
\$700,296,336	total sum of budget/funding gap for selected permittee types
\$8,238,780	average budget/funding gap associated with the total provided

Phase II	
249	# of selected permittee who provided funding gap info
\$312,941,375	total sum of budget/funding gap for selected permittee types
\$1,261,860	average budget/funding gap associated with the total provided

Phase II Non-traditional	
22	# of selected permittee who provided funding gap info
\$8,090,950	total sum of budget/funding gap for selected permittee types
\$367,770	average budget/funding gap associated with the total provided

State DOT	
10	# of selected permittee who provided funding gap info
\$45,800,000	total sum of budget/funding gap for selected permittee types
\$4,580,000	average budget/funding gap associated with the total provided

All Permittees	
366	# of selected permittee who provided funding gap info
\$1,067,128,661	total sum of budget/funding gap for selected permittee types
\$2,923,640	average budget/funding gap associated with the total provided

Table 1-1

Phase I and Phase II communities	Total Number	% Needing More Funds	Number Needing More Funds	Average Annual Budget Shortfall	Total Annual Budget Shortfall (Annual Funding Gap)
Phase I	855	59%	501	\$8,238,780	\$4,127,875,943
Phase II	6,040	59%	3,582	\$1,261,860	\$4,519,629,199
Phase II Non-Traditional	605	46%	275	\$367,770	\$101,237,887
State DOT	50	57%	28	\$4,580,000	\$129,385,000
	7,550		4,386		\$8,878,128,029

Table 2-1

Population Served	Assumed Distribution of MS4s*	Distribution of MS4s by Population Served**	Additional Estimated Need (Average)	% Municipal Respondents Stating Current Budget is Not Enough	Total Need by Population Served Category
<10K	16.80%	1159	\$316,362	55%	\$201,239,921
10-50K	44.49%	3068	\$1,417,388	65%	\$2,813,152,038
50-100K	15.56%	1073	\$1,662,823	54%	\$963,642,157
100-500K	18.04%	1244	\$6,779,821	50%	\$4,251,260,573
500K-1M or more	5.10%	351	\$25,745,853	70%	\$6,360,071,297
Phase II Non-Traditional	0	605	\$367,770	46%	\$101,237,887
State DOT	0	50	\$4,580,000	54%	\$124,118,000
	100%	7550			\$14,814,721,872

*This distribution matches the distribution of survey respondents.

** The number of MS4s in this distribution listed in italics reflects a total of 6895 MS4s distributed per the percentages in the column listed in the immediately adjacent column. The number of 6895 is based upon the total number of MS4s (7550) minus PhII Non-Traditional and State DOT permits (605, 50, respectively).

Table 2-2

Population Served	Assumed Distribution of MS4s by Population Served+	Distribution of MS4s by Population Served	Additional Estimated Need (Average)	% Municipal Respondents Stating Current Budget is Not Enough	Total Need by Population Served Category
<10K	56.71%	3910	\$316,362	55%	\$679,126,340
10-50K	33.03%	2277	\$1,417,388	65%	\$2,088,506,717
50-100K	6.38%	440	\$1,662,823	54%	\$394,997,773
100-500K	3.33%	230	\$6,779,821	50%	\$784,562,026
500K-1M or more	0.55%	38	\$25,745,853	70%	\$686,372,019
Phase II Non-Traditional	0	605	\$367,770	46%	\$101,237,887
State DOT	0	50	\$4,580,000	54%	\$124,118,000
	100%	7550			\$4,858,920,761

+This distribution is based upon the number of municipal governments in the U.S. per the National League of Cities, 2007.

++ The number of MS4s in this distribution listed in italics reflects a total of 6895 MS4s distributed per the percentages in the column listed in the immediately adjacent column. The number of 6895 is based upon the total number of MS4s (7550) minus PhII Non-Traditional and State DOT permits (605, 50, respectively).

Table 2-3

Population Served	Assumed Distribution of MS4s by Population Served^	Distribution of MS4s by Population Served^^	Additional Estimated Need (Average)	% Municipal Respondents Stating Current Budget is Not Enough	Total Need by Population Served Category
<10K	44.14%	3043	\$316,362	55%	\$528,584,976
10-50K	38.16%	2631	\$1,417,388	65%	\$2,413,070,535
50-100K	8.54%	589	\$1,662,823	54%	\$528,957,285
100-500K	7.47%	515	\$6,779,821	50%	\$1,758,822,585
500K-1M or more	1.69%	117	\$25,745,853	70%	\$2,109,034,021
Phase II Non-Traditional	0	605	\$367,770	46%	\$101,237,887
State DOT	0	50	\$4,580,000	54%	\$124,118,000
	100%	7550			\$7,563,825,288

^This distribution reflects county populations across the U.S. per 2013 Census data.

^^ The number of MS4s in this distribution listed in italics reflects a total of 6895 MS4s distributed per the percentages in the column listed in the immediately adjacent column. The number of 6895 is based upon the total number of MS4s (7550) minus PhII Non-Traditional and State DOT permits (605, 50, respectively).

Table 2-4

Population Served	Assumed Distribution of MS4s by Population Served#	Distribution of MS4s by Population Served##	Additional Estimated Need (Average)	% Municipal Respondents Stating Current Budget is Not Enough	Total Need by Population Served Category
<10K	28.35%	1955	\$316,362	55%	\$339,549,753
10-50K	52.40%	3613	\$1,417,388	65%	\$3,313,311,559
50-100K	10.72%	739	\$1,662,823	54%	\$663,481,199
100-500K	7.12%	491	\$6,779,821	50%	\$1,677,289,522
500K-1M or more	1.41%	97	\$25,745,853	70%	\$1,756,856,715
Phase II Non-Traditional	0	605	\$367,770	46%	\$101,237,887
State DOT	0	50	\$4,580,000	54%	\$124,118,000
	100%	7550			\$7,975,844,635

#This distribution is based upon a modification of the information listed in Table 2-2. Specifically, the number of cities with less than 10,000 in population from Table 3 was reduced by half with the remaining half of communities divided into the remaining population bin in proportion to the distribution of communities reflected by counties (Table 2-3). Specifically, the distribution of communities between 10-50K, 50-100K, 100-500K and 500K-1M or more was used to provide the distribution of the remaining half of small cities assumed to not be in the MS4 program. In this way, elements of both cities and counties are integrated into the overall nature of community size distributions -this reflects that MS4 permits are held by cities in some states/regions and others are held by counties.

The number of MS4s in this distribution listed in italics reflects a total of 6895 MS4s distributed per the percentages in the column listed in the immediately adjacent column. The number of 6895 is based upon the total number of MS4s (7550) minus PhII Non-Traditional and State DOT permits (605, 50, respectively).