



September 14, 2017

Honorable Bill de Blasio  
Mayor of the City of New York  
City Hall  
New York, NY 10007

**Vincent Sapienza, P.E.**  
*Acting Commissioner*

Honorable Melissa Mark-Viverito  
Speaker of the New York City Council  
105 East 116th Street  
New York, NY 10029

59-17 Junction Blvd.  
Flushing, NY 11373

Tel. (718) 595-6565  
Fax (718) 595-3525  
vsapienza@dep.nyc.gov

RE: City Council Reporting Requirements Pursuant to Local Law 48 of 2015

Dear Mayor de Blasio and Speaker Mark-Viverito:

This letter is submitted pursuant to the requirements of Local Law 48 of 2015 (LL48/15). LL48/15 is an amendment to Section 24-503(f) of the Administrative Code of the City of New York, which requires all of the approximately 150,000 catch basins within the New York City Department of Environmental Protection's (DEP) jurisdiction to be inspected annually and catch basins to be unclogged or repaired within nine days of inspection or receipt of a complaint about a clogged or malfunctioning catch basin. The requirements of 24-503(f) are effective for a three year period beginning July 1, 2016 and ending June 30, 2019.

Prior to LL48/15, DEP inspected catch basins on a three-year programmatic cycle. This new law has required DEP to acquire additional resources and staff in order to accelerate to an annual inspection cycle. In addition to DEP's programmatic catch basin inspection program, DEP also responds to complaints of clogged and/or malfunctioning basins received through the City's 311 system and performs cleanings and repairs as needed.

The intent of this letter is to provide specific information required by Section 24-503(f) that states, "The commissioner of environmental protection shall submit semiannual reports to the mayor and the speaker of the council regarding the inspection, maintenance and repair of catch basins within the jurisdiction of the commissioner, disaggregated by community district. The second semiannual report shall cover the period from January 1, 2017 through June 30, 2017. Such reports shall include the number of catch basins inspected, the number of clogged or malfunctioning catch basins identified, the number of catch basins unclogged or repaired, whether the inspection was in response to a complaint, and the response time for resolution of any complaint. Catch basins not unclogged or repaired within nine days after an inspection or the receipt of a complaint shall be identified in the semiannual report."

The following table summarizes DEP's compliance per LL48/15 during the period from January 1, 2017 to June 30, 2017:

1/1/2017 – 6/30/2017	<b>Total Number of Inspections</b>	<b>Programmatic Inspections</b>	<b>Complaint-Driven Inspections</b>
Number of Catch Basins (CB) Inspected	92,101	89,691	2,410
Number CB Identified as Non-Functioning	5,325	4,674	651
Number of Non-Functioning CB Repaired	5,187	4,550	637
Number CB Repaired after the Nine Day Target	1,021	929	92

DEP's average response time for resolution of catch basin complaints was 4.58 days. There are a total of 138 nonfunctional basins for this reporting period that are currently open (backlog). Out of the 138 in backlog, 77 are due to inaccessible catch basins (car on top of basin, street construction, etc.), and 30 require more extensive capital repair. The remaining 31 are still open for various reasons and are being further investigated. Please see the attached report which disaggregates these numbers by community district.

As a follow-up to the first six-month cycle report dated February 2, 2017, please note that 117 of the then 122 open non-functional catch basins needing repair have been repaired. Five work orders still remain open due to accessibility issues. In addition, the total number of programmatic catch basin inspections increased to 56,098 (from 55,097) as records were updated.

As this six-month cycle completes the first year, one-year statistics have also been compiled:

<b>7/1/2016 – 6/30/2017</b>	<b>Total Number of Inspections</b>	<b>Programmatic Inspections</b>	<b>Complaint-Driven Inspections</b>
Number of Catch Basins (CB) Inspected	151,536	145,789	5,747
Number CB Identified as Non-Functioning	7,309	5,926	1,383
Number of Non-Functioning CB Repaired	7,049	5,688	1,361
Number CB Repaired after the Nine Day Target	1,100	953	147

DEP met the requirement to inspect all catch basins within the jurisdiction of the commissioner in one year. Approximately 5% of the catch basins were identified as non-functioning, Less than 1% of the catch basins were repaired after the nine-day target. DEP continues to use this opportunity to update its catch basin records and improve its operations.

If you have any questions or comments concerning any of the information provided in this semi-annual report, please do not hesitate to contact me.

Sincerely,



Vincent Sapienza, P.E.

- c: Honorable Costa Constantinides, Chairman, Committee on Environmental Protection, New York City Council  
Honorable Donovan Richards  
Honorable Jumaane D. Williams

Catch Basin Inspections LL48/15 Report Requirements	Categories	Second Semiannual Report January 1, 2017 - June 30, 2017	
1. The number of catch basins inspected	a. Programmatic	89,691	
	b. In Response to a Complaint	2,410	
		<b>92,101</b>	
2. The number of malfunctioning catch basins identified	a. Programmatic	4,674	
	b. In Response to a Complaint	651	
		<b>5,325</b>	
3. The number of Non-Functioning catch basin repaired whether the inspection was in response to a complaint or programmatic Inspection	a. Programmatic	4,550	
	b. In Response to a Complaint	637	
		<b>5,187</b>	
4. Malfunctioning/unclogged catch basins repaired after 9 days whether the inspection was in response to a complaint or programmatic inspection	a. Programmatic	<b>Under 9 Days</b>	<b>Over 9 Days</b>
		3,621	929
	b. In Response to a Complaint	545	92
		<b>4166</b>	<b>1021</b>
5. Response time for resolution of a Catch Basin clogged/flooding complaint	a. In Response to a Complaint	4.58	

**January 1, 2017 - June 30, 2017**

<b>1a-b. The number of catch basins inspected</b>	<b>Programmatic</b>	<b>Complaint Based Work</b>	<b>Total Inspection</b>
<b>Community Boards</b>	<b>89,691</b>	<b>2,410</b>	<b>92,101</b>
Missing CMBD	0	0	0
101	4	17	21
102	10	30	40
103	4	17	21
104	86	42	128
105	790	27	817
106	1,001	33	1,034
107	1,141	13	1,154
108	1,028	42	1,070
109	762	13	775
110	901	32	933
111	891	20	911
112	1,256	18	1,274
201	3	15	18
202	1	13	14
203	11	7	18
204	530	20	550
205	1	16	17
206	606	11	617
207	13	19	32
208	208	23	231
209	1,906	24	1,930
210	2,663	52	2,715
211	1,884	42	1,926
212	1,624	62	1,686
226	0	1	1
227	0	1	1
228	0	0	0
301	60	52	112
302	1,171	25	1,196
303	77	32	109
304	811	16	827
305	3,654	77	3,731
306	1,703	23	1,726
307	1,412	23	1,435
308	865	13	878
309	765	19	784
310	1,653	13	1,666
311	1	21	22
312	1,481	33	1,514
313	1,304	20	1,324
314	616	16	632
315	3,565	42	3,607
316	1,084	6	1,090
317	1,875	32	1,907
318	4,585	119	4,704
355	2	0	2
401	10	41	51
402	89	40	129
403	1,617	20	1,637

<b>1a-b. The number of catch basins inspected</b>	<b>Programmatic</b>	<b>Complaint Based Work</b>	<b>Total Inspection</b>
404	2,156	35	2,191
405	42	93	135
406	117	32	149
407	6,448	134	6,582
408	3,935	93	4,028
409	13	57	70
410	81	115	196
411	5,453	158	5,611
412	4,827	121	4,948
413	9,906	138	10,044
414	3,896	59	3,955
480	0	0	0
481	0	0	0
482	0	2	2
501	20	32	52
502	457	20	477
503	6,616	28	6,644

**January 1, 2017 - June 30, 2017**

<b>2a-b. Number of malfunctioning catch basins identified</b>	<b>Programmatic</b>	<b>Complaint Based Work</b>	<b>Total</b>
<b>Community Boards</b>	<b>4,674</b>	<b>651</b>	<b>5,325</b>
Missing CMBD	0	4	4
101	0	6	6
102	0	4	4
103	0	5	5
104	1	1	2
105	9	5	14
106	19	3	22
107	17	8	25
108	17	5	22
109	30	7	37
110	30	3	33
111	21	0	21
164	0	2	2
112	59	2	61
201	0	2	2
202	0	0	0
203	0	1	1
204	20	5	25
205	0	2	2
206	14	0	14
207	2	3	5
208	0	3	3
209	62	5	67
210	33	3	36
211	42	9	51
212	30	0	30
227	0	0	0
228	0	1	1
301	5	0	5
302	66	0	66
303	0	0	0
304	23	4	27
305	363	0	363
306	68	2	70
307	88	0	88
308	53	0	53
309	54	1	55
310	23	1	24
311	0	1	1
312	66	1	67
313	36	1	37
314	36	3	39
315	54	0	54
316	33	4	37
317	50	3	53
318	113	0	113
355	2	14	16
401	0	12	12

2a-b. Number of malfunctioning catch basins identified	Programmatic	Complaint Based Work	Total
402	24	7	31
403	38	3	41
404	74	25	99
405	5	6	11
406	7	20	27
407	486	9	495
408	335	54	389
409	0	92	92
410	16	10	26
411	710	111	821
412	139	125	264
413	795	50	845
414	325	0	325
480	0	0	0
481	0	2	2
482	0	1	1
501	1	0	1
502	24	0	24
503	156		156



**January 1, 2017 - June 30, 2017**

3a-b.The number of malfunctioning catch basins repaired whether the inspection was in response to a complaint or programmatic inspection.	Programmatic	Complaint Based Work	Total
<b>Community Boards</b>	<b>4,550</b>	<b>637</b>	<b>5,187</b>
Missing CMBD	0	0	0
101	0	5	5
102	2	6	8
103	3	3	6
104	2	4	6
105	9	1	10
106	17	4	21
107	15	3	18
108	14	8	22
109	27	5	32
110	29	7	36
111	20	2	22
112	57	2	59
164	0	0	0
201	0	2	2
202	0	2	2
203	0	0	0
204	22	1	23
205	3	5	8
206	15	2	17
207	1	0	1
208	1	3	4
209	56	3	59
210	27	4	31
211	37	3	40
212	30	8	38
227	0	0	0
228	0	0	0
301	8	1	9
302	57	2	59
303	3	0	3
304	23	0	23
305	322	1	323
306	67	0	67
307	84	2	86
308	50	0	50
309	54	0	54
310	22	1	23
311	1	1	2
312	68	1	69
313	36	0	36
314	62	0	62
315	48	2	50
316	28	0	28
317	46	4	50
318	98	3	101

3a-b.The number of malfunctioning catch basins repaired whether the inspection was in response to a complaint or programmatic inspection.	Programmatic	Complaint Based Work	Total
355	2		2
401	0	14	14
402	8	12	20
403	48	6	54
404	75	3	78
405	16	24	40
406	18	6	24
407	473	19	492
408	317	11	328
409	0	51	51
410	11	92	103
411	682	9	691
412	155	111	266
413	783	125	908
414	305	50	355
480	0	0	0
481	0	0	0
482	0	2	2
501	6	1	7
502	31	0	31
503	156	0	156

January 1, 2017 - June 30, 2017

4a. Catch Basins unclogged or repaired within and/or over nine days after an inspection or the receipt of a complaint shall be identified in the semiannual report.	Programmatic Total	Programmatic - Under 9 days to Unclog/Repair	Programmatic - Over 9 days to Unclog/Repair	Complaint Based Work	Complaints - Under 9 days to Unclog/Repair	Complaints - Over 9 days to Unclog/Repair
<b>Community Boards</b>	<b>4,550</b>	<b>3,621</b>	<b>929</b>	<b>637</b>	<b>545</b>	<b>92</b>
Missing CMBD	0	0	0	0	0	0
101	0	0	0	5	3	2
102	2	0	2	6	6	0
103	3	0	3	3	3	0
104	2	0	2	4	3	1
105	9	4	5	1	1	0
106	17	13	4	4	4	0
107	15	11	4	3	3	0
108	14	9	5	8	8	0
109	27	16	11	5	3	2
110	29	13	16	7	7	0
111	20	11	9	2	2	0
112	57	15	42	2	2	0
164	0	0	0	0	0	0
201	0	0	0	2	2	0
202	0	0	0	2	0	2
203	0	0	0	0	0	0
204	22	15	7	1	1	0
205	3	0	3	5	4	1
206	15	9	6	2	2	0
207	1	0	1	0	0	0
208	1	0	1	3	3	0
209	56	47	9	3	3	0
210	27	24	3	4	4	0
211	37	25	12	3	2	1
212	30	12	18	8	4	4
227	0	0	0	0	0	0
228	0	0	0	0	0	0
301	8	4	4	1	1	0
302	57	48	9	2	0	2
303	3	1	2	0	0	0
304	23	11	12	0	0	0
305	322	228	94	1	1	0

4a. Catch Basins unclogged or repaired within and/or over nine days after an inspection or the receipt of a complaint shall be identified in the semiannual report.	Programmatic Total	Programmatic - Under 9 days to Unclog/Repair	Programmatic - Over 9 days to Unclog/Repair	Complaint Based Work	Complaints - Under 9 days to Unclog/Repair	Complaints - Over 9 days to Unclog/Repair
306	67	35	32	0	0	0
307	84	63	21	2	2	0
308	50	30	20	0	0	0
309	54	42	12	0	0	0
310	22	15	7	1	0	1
311	1	0	1	1	1	0
312	68	20	48	1	0	1
313	36	21	15	0	0	0
314	62	10	52	0	0	0
315	48	37	11	2	2	0
316	28	26	2	0	0	0
317	46	26	20	4	3	1
318	98	54	44	3	0	3
355	2	0	2		0	0
401	0	0	0	14	8	6
402	8	8	0	12	3	9
403	48	39	9	6	3	3
404	75	59	16	3	1	2
405	16	3	13	24	12	12
406	18	9	9	6	4	2
407	473	408	65	19	6	13
408	317	245	72	11	6	5
409	0	0	0	51	50	1
410	11	11	0	92	91	1
411	682	621	61	9	6	3
412	155	151	4	111	101	10
413	783	766	17	125	122	3
414	305	288	17	50	49	1
480	0	0	0	0	0	0
481	0	0	0	0	0	0
482	0	0	0	2	2	0
501	6	0	6	1	1	0
502	31	15	16	0	0	0
503	156	103	53	0	0	0

**January 1, 2017 - June 30, 2017**

<b>5a.Response time for the resolution of any catch basin complaint.</b>	<b>Complaint Response Time (days)</b>
<b>Community Boards</b>	<b>4.58</b>
Missing CMBD	3.50
101	14.21
102	13.06
103	2.06
104	11.54
105	8.86
106	8.47
107	12.70
108	6.08
109	3.67
110	2.33
111	4.94
112	9.54
201	3.11
202	5.36
203	1.64
204	1.82
205	2.10
206	2.31
207	2.57
208	1.33
209	5.16
210	3.08
211	2.62
212	6.37
226	21.93
227	0.00
301	2.28
302	1.48
303	2.75
304	1.56
305	5.98
306	1.81
307	2.11
308	1.53
309	2.54
310	4.21
311	4.31
312	5.12
313	3.55
314	5.38
315	2.60
316	12.96
317	3.54
318	4.85
401	2.25
402	5.81
403	2.61

5a. Response time for the resolution of any catch basin complaint.	Complaint Response Time (days)
404	7.97
405	4.82
406	6.26
407	6.80
408	6.75
409	1.95
410	2.10
411	5.36
412	3.22
413	1.85
414	2.87
482	3.64
501	1.70
502	2.50
503	2.81