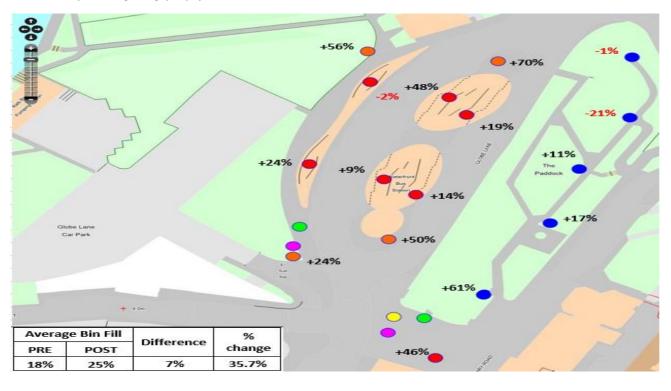
SUMMARY

						P	verage F	ill					
Bin Number	Description	APR	MAY	JUN	JUL	AUG	SEP	ОСТ	NOV	PRE	POST	Difference	% change
1	Post	14%	11%	16%	15%	10%	23%	31%	23%	14%	22%	8%	56.29
2	Standard Metal	21%	34%	28%	19%	20%	27%	31%	22%	26%	25%	-1%	-2.79
3	Standard Metal	23%	28%	28%	16%	25%	33%	33%	27%	24%	29%	6%	24.19
4	Post	11%	23%	18%	12%	5%	33%	30%	13%	16%	20%	4%	27.49
5	Post	11%	7%	19%	21%	10%	24%	28%	25%	15%	22%	7%	49.79
6	Standard Metal	20%	24%	27%	23%	15%	33%	31%	28%	23%	27%	3%	14.29
7	Standard Metal	23%	20%	33%	25%	18%	31%	36%	27%	25%	28%	2%	9.39
8	Standard Metal	23%	17%	22%	30%	10%	30%	37%	33%	23%	28%	4%	19.49
9	Standard Metal	16%	14%	23%	27%	18%	31%	40%	30%	20%	30%	10%	48.39
10	Post	8%	20%	3%	12%	8%	23%	28%	15%	11%	18%	8%	69.69
11	Premium	4%	3%	6%	6%	3%	3%	10%	3%	5%	5%	0%	-0.99
12	Premium	11%	23%	11%	7%	5%	11%	15%	10%	13%	10%	-3%	-20.59
13	Premium	7%	26%	16%	6%	10%	23%	11%	17%	13%	15%	2%	11.49
14	Premium	13%	23%	17%	9%	13%	23%	16%	22%	15%	18%	3%	17.39
15	Premium	13%	30%	7%	11%	8%	30%	31%	30%	15%	25%	9%	60.79
16	Chatham	23%	21%	38%	20%	20%	42%	53%	34%	26%	37%	12%	45.99
17	Chatham	33%	20%	33%	31%	25%	44%	44%	30%	29%	36%	7%	23.09
18	New					30%	40%	42%	30%	N/A	35%	N/A	N/A
19	New					33%	39%	39%	35%	N/A	36%	N/A	N/A
rage Total	-					-		•	•	18%	25%	7%	35.79

	APR	MAY	JUN	JUL	AUG	SEP	ОСТ	NOV	Total	Total Pre	% Pre	Total Post	% Post	Difference	% change
Littered locations	35	27	39	54	16	13	7	9	200	155	44.29%	45	17.31%	-26.98%	-60.92%
Total Observations	90	70	90	100	40	70	90	60	610	350	44.29%	260	17.51/0	-20.96%	-00.92%

Distribution map of bin usage change post project



APRIL	Chatham Bus depot	- bin status che	eck									
Location	Туре	1 03-Apr-18 11:00 AM	2 05-Apr-18 09:45	3 06-Apr-18 08:00	4 09-Apr-18 09:30	5 11-Apr-18 15:00	6 13-Apr-18 12:00	7 18-Apr-18 11:45	8 25-Apr-18 12:30	9 30-Apr-18 13:15	Totals	Comments
1	Post	10%	0%	30%	25%	0%	20%	10%	20%	10%	14%	
2	Standard Metal	20%	40%	40%	30%	20%	10%	10%	10%	10%	21%	
3	Standard Metal	40%	40%	20%	30%	20%	20%	20%	0%	20%	23%	
4	Post	0%	10%	50%	20%	10%	0%	0%	0%	10%	11%	
5	Post	20%	0%	30%	0%	0%	0%	10%	10%	30%	11%	
6	Standard Metal	40%	10%	40%	30%	10%	10%	10%	20%	10%	20%	
7	Standard Metal	40%	20%	40%	30%	10%	20%	10%	20%	20%	23%	
8	Standard Metal	40%	40%	30%	0%	20%	25%	20%	10%	20%	23%	
9	Standard Metal	0%	50%	30%	0%	10%	10%	20%	10%	10%	16%	
10	Post	0%	0%	30%	10%	0%	0%	10%	0%	20%	8%	
11	Premium	0%	0%	0%	20%	10%	0%	10%	0%	0%	4%	
12	Premium	30%	20%	30%	20%	0%	0%	0%	0%	0%	11%	
13	Premium	20%	10%	20%	0%	0%	10%	0%	0%	0%	7%	
14	Premium	20%	20%	30%	20%	0%	0%	0%	10%	20%	13%	
15	Premium	10%	10%	40%	20%	0%	0%	20%	20%	0%	13%	
16	Chatham	10%	20%	40%	20%	20%	30%	10%	20%	40%	23%	
17	Chatham	20%	30%	50%	30%	0%	0%	0%	0%	0%	33%	Bin removed due to roadworks 11/4 - 25/5
	Littered locations Total Observations	3 10	4 10	3 10	5 10	5 10	6 10	2 10	4 10	3 10	35 90	
	Calculation Area DO 1	NOT CHANGE										
	Posts	30%	10%	140%	55%	10%	20%	30%	30%	70%		
	Standard	180%	200%	200%	120%	90%	95%	90%	70%	90%		
	Premium	80%	60%	120%	80%	10%	10%	30%	30%	20%		
	Chatham	30%	50%	90%	50%	20%	30%	10%	20%	40%		
	Posts @ 20L	6	2	28	11	2	4	6	6	14		
	Standard @ 80L	144	160	160	96		76		56	72		
	Premium @ 55L	44	33	66	44		5.5		16.5	11		
	Chatham @ 80L	24	40	72	40				16	32		

MAY	Chatham Bus depot	- bin status checl	•							
		10	11	12	13	14	15	16		
Location	Туре	01-May-18	04-May-18	09-May-18	18-May-18	22-May-18	25-May-18	25-May-18	Totals	Comments
		07:45	08:00	10:45	07:45	12:00	10:00	15:15		
1	Post	20%	10%	0%	20%	10%	0%	20%	11%	
2	Standard Metal	20%	20%	100%	20%	30%	20%	30%	34%	
3	Standard Metal	30%	30%	20%	10%	30%	25%	50%	28%	
4	Post	30%	10%	40%	10%	50%	10%	10%	23%	
5	Post	20%	0%	0%	0%	10%	10%	10%	7%	
6	Standard Metal	30%	30%	10%	20%	20%	20%	40%	24%	
7	Standard Metal	30%	30%	10%	20%	20%	10%	20%	20%	
8	Standard Metal	40%	20%	30%	10%	10%	0%	10%	17%	
9	Standard Metal	20%	20%	30%	20%	0%	0%	10%	14%	
10	Post	40%	0%	40%	0%	60%	0%	0%	20%	
11	Premium	0%	0%	0%	20%	0%	0%	0%	3%	
12	Premium	30%	0%	100%	30%	0%	0%	0%	23%	
13	Premium	10%	0%	60%	20%	0%	30%	60%	26%	
14	Premium	0%	30%	50%	10%	10%	20%	40%	23%	
15	Premium	0%	20%	100%	30%	50%	0%	10%	30%	
16	Chatham	20%	0%	10%	60%	40%	0%	20%	21%	
17	Chatham							20%	20%	Bin removed due to roadworks 11/4 - 25/5
	Littered locations	4	4	8	1	5	3	2	27	
	Total Observations	10	10	10	10	10	10	10	70	
	Calculation Area DO N								1	
	Culculation Area Bo N	OT CHAIVOL								
	Posts	110%	20%	80%	30%	⁶ 130	% 20	% 40%	<mark>;</mark>	
	Standard	170%	150%	200%	100%	<mark>6 110</mark>	% 75	<mark>% 160%</mark>		
	Premium	40%	50%	310%	110%	60	% 50	% 110%		
	Chatham	20%	0%	10%	60%	⁶ 40	% 0	% 40%	5	
	Posts @ 20L	22	4	16		6 2	26	4 8		
	Standard @ 80L	136	120	160	80	0 8	38 6	0 128	8	
	Premium @ 55L	22	27.5	170.5	60.	5 3	33 27	.5 60.5	•	
	Chatham @ 80L	16	0	8	4	8 3	32	0 32		

JUNE	Chatham Bus depot	t - bin status che	ck									
Location	Туре	17 04-Jun-18 15:45	18 05-Jun-18 07:30	19 06-Jun-18 12:00	20 07-Jun-18 11:30	21 13-Jun-18 13:30	22 15-Jun-18 08:45	23 26-Jun-18 16:00	24 27-Jun-18 07:30	25 28-Jun-18 11:00	Totals	
1	Post	20%	30%	0%	10%	10%	20%	30%	20%	0%	16%	
2	Standard Metal	20%	50%	30%	20%	20%	20%	30%	40%	20%	28%	
3	Standard Metal	20%	60%	30%	20%	20%	30%	20%	30%	20%	28%	
4	Post	10%	20%	10%	10%	10%	10%	20%	20%	50%	18%	
5	Post	30%	30%	0%	30%	30%	20%	0%	20%	10%	19%	
6	Standard Metal	20%	70%	20%	10%	20%	20%	30%	40%	10%	27%	
7	Standard Metal	30%	60%	20%	20%	20%	30%	40%	40%	40%	33%	
8	Standard Metal	20%	30%	30%	0%	30%	10%	20%	30%	30%	22%	
9	Standard Metal	20%	20%	40%	10%	30%	30%	30%	30%	0%	23%	
10	Post	0%	0%	0%	0%	0%	0%	10%	10%	10%	3%	
11	Premium	0%	10%	0%	0%	0%	0%	20%	20%	0%	6%	
12	Premium	20%	40%	0%	0%	0%	10%	30%	0%	0%	11%	
13	Premium	20%	30%	10%	10%	20%	0%	0%	30%	20%	16%	
14	Premium	0%	10%	0%	50%	50%	0%	0%	10%	30%	17%	
15	Premium	0%	10%	0%	0%	0%	0%	20%	0%	30%	7%	
16	Chatham	30%	50%	30%	50%	50%	40%	40%	50%	0%	38%	Bin vandalised
17	Chatham	20%	30%	20%	30%	40%	40%	30%	50%	40%	33%	
	Littered locations Total Observations	3 10	2 10	4 10	5 10	6 10	4 10	4 10	7 10	4 10	39 90	
	Calculation Area DO N											
	Posts	60%	80%	10%	50%	50%	50%	60%	70%			
	Standard	130%	290%	170%	80%	140%	140%	170%	210%			
	Premium	40%	100%	10%	60%	70%	10%	70%	60%			
	Chatham	50%	80%	50%	80%	90%	80%	70%	100%	40%		
	Posts @ 20L	12	16	2	10	10	10	12	14			
	Standard @ 80L	104	232	136	64	112	112	136	168			
	Premium @ 55L	22	55	5.5	33	38.5	5.5	38.5	33			
	Chatham @ 80L	40	64	40	64	72	64	56	80	32		

JULY	Chatham Bus depot	- bin status che	ck									
Location	Туре	26 03-Jul-18 11:00 AM	27 04-Jul-18 08:00	28 05-Jul-18 12:45	29 11-Jul-18 09:45	30 12-Jul-18 12:30	31 18-Jul-18 07:45	32 20-Jul-18 12:30	33 24-Jul-18 07:45	34 27-Jul-18 07:30	35 31-Jul-18 10:30	Totals
1	Post	10%	10%	10%	20%	20%	10%	10%	20%	15%	20%	15%
2	Standard Metal	20%	0%	20%	30%	20%	20%	20%	30%	20%	10%	19%
3	Standard Metal	10%	0%	20%	20%	10%	20%	20%	40%	20%	0%	16%
4	Post	0%	20%	0%	10%	10%	10%	10%	50%	10%	0%	12%
5	Post	20%	30%	30%	20%	30%	0%	30%	30%	20%	0%	21%
6	Standard Metal	10%	30%	20%	30%	20%	20%	20%	40%	30%	10%	23%
7	Standard Metal	20%	20%	10%	40%	30%	20%	30%	40%	30%	10%	25%
8	Standard Metal	30%	20%	10%	40%	40%	30%	40%	30%	40%	20%	30%
9	Standard Metal	30%	40%	20%	30%	40%	30%	30%	20%	30%	0%	27%
10	Post	0%	10%	50%	10%	10%	10%	10%	10%	10%	0%	12%
11	Premium	0%	20%	10%	10%	0%	0%	10%	10%	0%	0%	6%
12	Premium	0%	20%	0%	20%	0%	0%	0%	20%	10%	0%	7%
13	Premium	10%	0%	0%	10%	20%	0%	0%	20%	0%	0%	6%
14	Premium	50%	0%	10%	0%	0%	30%	0%	0%	0%	0%	9%
15	Premium	10%	30%	0%	20%	0%	0%	0%	30%	20%	0%	11%
16	Chatham								30%	20%	10%	20%
17	Chatham	30%	20%	30%	40%	30%	30%	40%	40%	30%	20%	31%
	Littered locations Total Observations	6 10	6 10	8 10	5 10	5 10	4 10	9 10	6 10	5 10	0 10	54 100
	Calculation Area DO N	OT CHANGE										
	Posts	30%	70%	90%	60%	70%	30%	60%	110%	55%	20%	
	Standard	120%	110%	100%	190%	160%	140%	160%	200%	170%	50%	
	Premium	70%	70%	20%	60%	20%	30%	10%	80%	30%		
	Chatham	30%	20%	30%	40%	30%	30%	40%	70%	50%		
	Posts @ 20L	6	14	18	12	14	6	12	22	11	4	
	Standard @ 80L	96	88	80	152	128	112	128	160	136		
	Premium @ 55L	38.5	38.5	11	33	11	16.5	5.5	44	16.5		
	Chatham @ 80L	24	16	24		24		32	56	40		

Bin removed due to roadworks 3/7 - 24/7

AUGUST	Chatham Bus depot - bin status check
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Chatham @ 80L

Doubles @ 100

Location	Туре	36 06-Aug-18 7:12 AM	37 09-Aug-18 09:30	38 13-Aug-18 10:00	39 15-Aug-18 07:30	Totals	Comments
1	Post	10%	10%	0%	20%	10%	Monitoring paused for school holidays
2	Standard Metal	20%	10%	20%	30%	20%	
3	Standard Metal	20%	20%	30%	30%	25%	
4	Post	0%	0%	10%	10%	5%	
5	Post	10%	20%	0%	10%	10%	
6	Standard Metal	20%	10%	10%	20%	15%	
7	Standard Metal	10%	20%	20%	20%	18%	
8	Standard Metal	20%	0%	20%	0%	10%	
9	Standard Metal	20%	20%	10%	20%	18%	
10	Post	30%	0%	0%	0%	8%	
11	Premium	10%	0%	0%	0%	3%	
12	Premium	0%	0%	20%	0%	5%	
13	Premium	0%	20%	0%	20%	10%	
14	Premium	0%	50%	0%	0%	13%	
15	Premium	20%	0%	0%	10%	8%	
16	Chatham	10%	10%	30%	30%	20%	
17	Chatham	30%	20%	30%	20%	25%	
18	New doubleA	20%	40%	30%	30%	30%	
19	NewDoubleB	20%	40%	30%	40%	33%	
	Littered locations	3	4	4	5	16	
	Total Observations	10	10	10	10	40	
	Calculation Area DO No	OT CHANGE				Ī	
	Posts	50%	30%	10%	40%		
	Standard	110%	80%	110%	120%		
	Premium	30%	70%	20%	30%		
	Chatham	40%	30%	60%	50%		
	Doubles @ 100	40%	80%	60%	70%		
	Posts @ 20L	10	6	2	8		
	Standard @ 80L	88	64	88	96		
	Premium @ 55L	16.5	38.5	11	16.5		
						-	

Location	Туре	40 10-Sep-18 3:00pm	41 12-Sep-18 11:00	42 14-Sep-18 4:00 PM	43 18-Sep-18 11:00	44 19-Sep-18 08:30	45 21-Sep-18 08:00	46 30-Sep-18 12:00	Total
1	Post	10%	20%	20%	30%	20%	40%	20%	23%
2	Standard Metal	20%	20%	25%	25%	30%	30%	40%	27%
3	Standard Metal	20%	30%	30%	40%	30%	40%	40%	33%
4	Post	30%	10%	40%	40%	20%	30%	60%	33%
5	Post	30%	0%	30%	20%	30%	10%	50%	24%
6	Standard Metal	20%	30%	30%	30%	40%	40%	40%	33%
7	Standard Metal	20%	20%	30%	30%	40%	40%	40%	31%
8	Standard Metal	20%	20%	40%	40%	30%	30%	30%	30%
9	Standard Metal	10%	30%	40%	40%	40%	30%	30%	31%
10	Post	0%	0%	20%	100%	0%	20%	20%	23%
11	Premium	0%	0%	10%	0%	0%	10%	0%	3%
12	Premium	30%	0%	0%	0%	0%	20%	30%	11%
13	Premium	30%	30%	0%	30%	30%	20%	20%	23%
14	Premium	30%	30%	0%	20%	30%	30%	20%	23%
15	Premium	30%	20%	20%	40%	20%	50%	30%	30%
16	Chatham	25%	40%	40%	30%	60%	50%	50%	42%
17	Chatham	30%	50%	30%	40%	60%	40%	60%	44%
18	New doubleA	30%	40%	30%	40%	50%	40%	50%	40%
19	NewDoubleB	30%	30%	30%	40%	50%	40%	50%	39%
	Littered locations	3	0	2	2	2	2	2	13
	Total Observations	10	10	10	10	10	10	10	70
	Calculation Area DO N	NOT CHANGE							
	Posts	70%	30%	110%	190%	70%	100%	150%	
	Standard	110%	150%	195%	205%	210%	210%	220%	
	Premium	120%	80%	30%	90%	80%	130%	100%	
	Chatham	55%	90%	70%	70%	120%	90%	110%	
	Doubles @ 100	60%	70%	60%	80%	100%	80%	100%	
	Posts @ 20L	14	6	22	38	14	20	30	
	Standard @ 80L	88	120	156	164	168	168	176	
	Premium @ 55L	66	44	16.5	49.5	44	71.5	55	
	Chatham @ 80L	44	72	56	56	96	72	88	
	Doubles @ 100	60	70	60	80	100	80	100	

		45	46	47	48	49	50	52	53	54
ocation	Туре	01-Oct-18	03-Oct-18	05-Oct-18	09-Oct-18	17-Oct-18	19-Oct-18	26-Oct-18	29-Oct-18	30-Oct-18
		9:30 AM	11:00	14:00	12:00	17:00	15:30	08:00	14:00	11:00
1	Post	20%	100%	20%	10%	10%	30%	40%	30%	20%
2	Standard Metal	30%	30%	30%	25%	20%	40%	30%	30%	40%
3	Standard Metal	30%	30%	40%	30%	20%	40%	30%	40%	40%
4	Post	20%	20%	20%	30%	30%	40%	40%	40%	30%
5	Post	40%	10%	10%	50%	20%	50%	30%	20%	20%
6	Standard Metal	30%	30%	20%	20%	20%	50%	40%	40%	30%
7	Standard Metal	30%	30%	30%	30%	30%	60%	40%	40%	30%
8	Standard Metal	30%	20%	40%	30%	30%	60%	40%	40%	40%
9	Standard Metal	40%	30%	50%	30%	40%	40%	40%	40%	50%
10	Post	10%	20%	30%	10%	0%	100%	30%	30%	20%
11	Premium	20%	20%	20%	0%	0%	10%	0%	20%	0%
12	Premium	30%	30%	10%	0%	0%	0%	25%	20%	20%
13	Premium	0%	0%	0%	0%	30%	20%	25%	0%	20%
14	Premium	0%	0%	0%	40%	20%	20%	40%	20%	0%
15	Premium	30%	40%	30%	20%	40%	30%	25%	30%	30%
16	Chatham	40%	50%	40%	40%	40%	50%	60%	60%	100%
17	Chatham	40%	50%	40%	40%	40%	50%	50%	60%	30%
18	New doubleA	30%	30%	40%	25%	30%	60%	50%	60%	50%
19	NewDoubleB	30%	30%	40%	25%	20%	60%	50%	50%	50%
	Littered locations	2	1	1	0	1	0	1	0	1
	Total Observations	10	10	10	10	10	10	10	10	10
	Calculation Area DO N	IOT CHANGE								
	Posts	90%	150%	80%	100%	60%	220%	140%	120%	90%
	Standard	190%	170%	210%	165%	160%	290%	220%	230%	230%
	Premium	80%	90%	60%	60%	90%	80%	115%	90%	70%
	Chatham	80%	100%	80%	80%	80%	100%	110%	120%	130%
	Doubles @ 100	60%	60%	80%	50%	50%	120%	100%	110%	100%
	Posts @ 20L	18	30	16	20	12	44	28	24	18
	Standard @ 80L	152	136	168	132	128	232	176	184	184
	Premium @ 55L	44	49.5	33	33	49.5	44	63.25	49.5	38.5
	Chatham @ 80L	64	80	64	64	64	80	88	96	104

Doubles @ 100

NOVEMBER	Chatham Bus depot - bin status check	
	- 55	56

Location	Туре	55 05-Nov-18 11:30 AM	56 07-Nov-18 09:00	57 13-Nov-18 13:00	58 15-Nov-18 11:00	59 26-Nov-18 13:00	60 28-Nov-18 12:00	Totals
1	Post	50%	20%	10%	25%	10%	20%	23%
2	Standard Metal	40%	30%	10%	20%	10%	20%	22%
3	Standard Metal	40%	20%	20%	30%	20%	30%	27%
4	Post	40%	10%	0%	0%	10%	20%	13%
5	Post	40%	50%	0%	20%	20%	20%	25%
6	Standard Metal	30%	50%	30%	20%	10%	30%	28%
7	Standard Metal	20%	50%	20%	30%	20%	20%	27%
8	Standard Metal	50%	40%	20%	20%	30%	40%	33%
9	Standard Metal	40%	50%	20%	10%	20%	40%	30%
10	Post	50%	0%	20%	0%	20%	0%	15%
11	Premium	0%	20%	0%	0%	0%	0%	3%
12	Premium	0%	20%	30%	0%	0%	10%	10%
13	Premium	20%	0%	20%	20%	20%	20%	17%
14	Premium	30%	0%	20%	30%	30%	20%	22%
15	Premium	40%	40%	20%	30%	20%	30%	30%
16	Chatham	40%	50%	30%	40%	25%	20%	34%
17	Chatham	50%	50%	20%	20%	20%	20%	30%
18	New doubleA	50%	60%	30%	0%	10%	30%	30%
19	NewDoubleB	50%	60%	30%	20%	20%	30%	35%
	Littered locations	1	2	1	2	2	1	9
	Total Observations	10	10	10	10	10	10	60 I
	Calculation Area DO N	180%	80%	30%	45%	60%	60%	
	Standard	220%	240%	120%	130%	110%	180%	
	Premium	90%	80%	90%	80%	70%	80%	
	Chatham	90%	100%	50%	60%	45%	40%	
	Doubles @ 100	100%	120%	60%	20%	30%	60%	
	_	36	120%	60%	20%	12	12	
	Posts @ 20L			96				
	Standard @ 80L	176	192		104	88	144	
	Premium @ 55L	49.5	44	49.5	44	38.5	44	
	Chatham @ 80L	72	80	40	48	36	32	
	Doubles @ 100	100	120	60	20	30	60	

Chatham Bus Station Area Inpsection form

Date			Time				
Weath	er						
			% full	Comments			
	1	Post					
	2	Bus square					
	3	Bus square					
	4	Post					
	5	Post					
	6	Bus square					
	7	Bus square					
	8	Bus square					
	9	Bus square					
	10	Post					
	11	Premium					
	12	Premium					
	13	Premium					
	14	Premium					
	15	Premium					
	16	Chatham					
	17	Chatham					
	18 New						
	19New						
				-			
Areas v	with litter ((Describe location	and litter type /	/ grading)			
Any other general comments							

Bin Location Diagram

