

Fishing Bin 12 month Audit Report: Dec 2014 – Dec 2015

We were fortunate to expand the fishing line bin project in 2015 to 40 active bins across 9 different council regions.

11 new bins were installed this year at various locations between March/April and later an additional 8 bins were installed from September. If these additional bins had been in place for the full 12 months it is reasonable to assume project totals would have exceeded 15km of fishing line for this time period. However we have still seen a significant increase in the results over the past 12 months, with a total of 14744 of fishing line, 2379.5 hooks & sinkers, 2048 bait bags and 286 other fishing recreational items removed from the Perth waterways (Table 1).

Table 1. Twelve month data summary for each fishing bin location currently active*

Location	12 MONTH TOTAL				
	Fishing Line (m)	Hooks & Sinker	Bait bags, bait containers & lids	Rec items (lures/ rods + glowstick)	General Rubbish (total items)
Garratt rd NE	748	125	62	24	103
Garratt rd NW	590	184	117	21	222
Garratt rd SE	600.5	86	39	0	189
Garratt rd SW	512.7	82	86	3	248
Maylands Yclub	1043	141	317	20	870
Balbuk Way	32.5	7	1	0	6
Mardalup park	53	14	1	0	15
Heirisson Island W	272	51	79	0	78
Heirisson Island E	120.5	4	0	2	1
Jetty #1382	59.25	9	5	0	44
Narrows Bridge SE	558.5	166	17	4	72
Narrows Bridge SW	575	173	95	13	299
Narrows Bridge NE	467	125	84	4	243
Narrows Bridge NW	313.5	70.5	49	0	143
Brewery West	19	6	0	0	11
Brewery East	10.5	1	6	0	34
Como Jetty	802.25	118	122	15	366
Mount Bay rd	9	0	2	0	9
Canning Bridge EN	208.5	10	47	2	56
Canning Bridge ES	456.5	31	6	7	51
Canning Bridge WN	118.25	17	2	2	11
Canning Bridge WS	182	57	64	3	135
AppleX Jetty	1639.75	293	317	54	1078
Point Walter Jetty	1892.75	217	255	76	1077
Kent st Weir	265	36	12	16	48
Bywater way	965	102	73	3	281
21 Riverton Drv	364.25	75	47	8	310
267 Riverton Drv	952.75	52	92	6	355
369 Riverton Drv	98	15	3	2	6
13 Watersby cres	228.75	46	5	1	12
7 Watersby cres	244.5	25	5	0	47
New bins x8 - sept install	342.25	38	38	0	230
PROJECT TOTALS	14744.45	2376.5	2048	286	6650

*Note: Totals include data collected from some sites that have not been in place for the full 12 months due to the progressive instillation of new bins for this project for 2015.

General rubbish items again contributed the majority of the volume (Fig 1.) but only contributed 25% of the total items collected (Fig 2.). This is less than the 2013-2014 data where general rubbish contributed 30% of items collected, indicating that the bins are potentially seeing greater level of engagement by the intended fishing community.



Total amount of general rubbish left over after being separated from fishing paraphernalia collected across all sites of the project for 2014-2015.

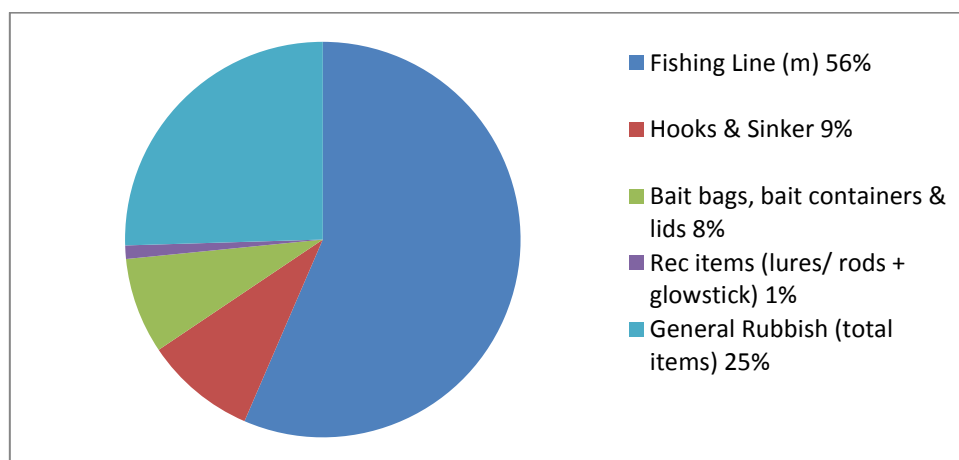


Figure 2. Graph of Dec 2014 to Dec 2015 common items removed from the collection bins as a percentage of the total number of items collected during that time.

Based on audit results for the past twelve months an average bin should produce about 465m of line each year (Fig 3). This is an increase of 115m on the average line collected from a single bin in the previous 12 months of this project.

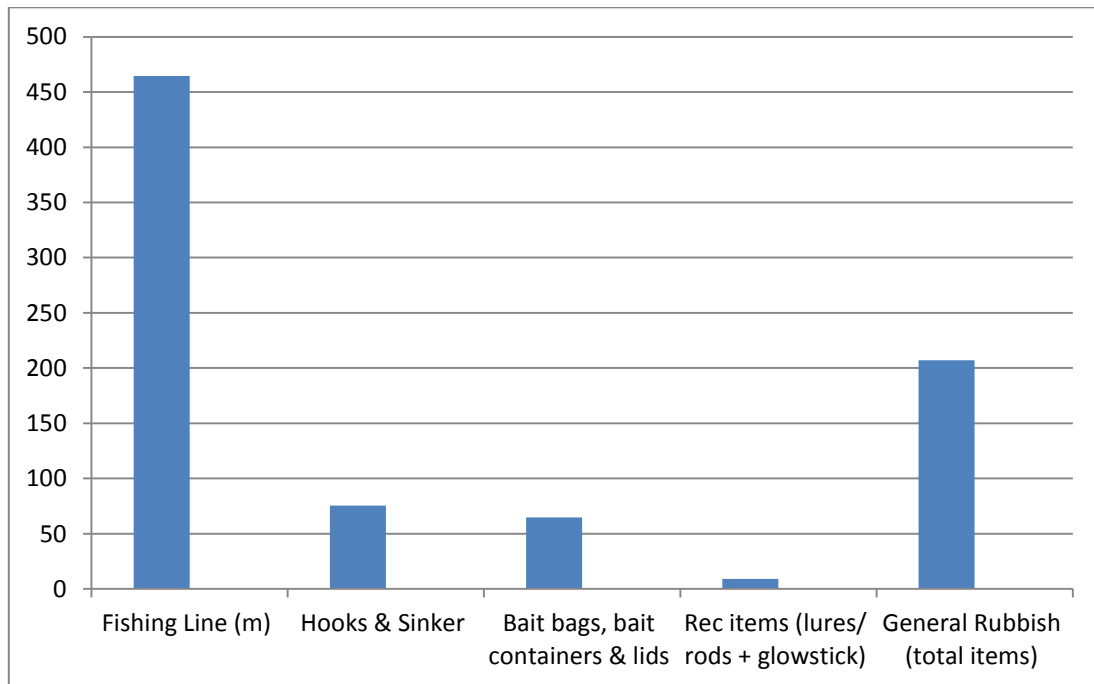


Figure 3. The average expected collection amounts for each category calculated based on results gathered in between Dec 2014 – Dec 2015.

Some bins are still located in areas with low traffic however many of the lowest scoring bin are also the ones that have been out for a reduced portion of the year. Over time decisions about their ongoing preferred locations may result in relocations being necessary to produce stronger results and maximise the positive impact of volunteer time required to clear and maintain a bin.