Moreland Council Litter Hotspots Reporting Table

12 September 2021

A summary document of the current projects, future projects and issues at the litter generation and litter accumulation sites in the council area.

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| Education/behaviour change |
| Enforcement/policy |
| Large infrastructure (GPTs, wetland, raingarden) 100K+ |
| Small infrastructure (grated side entry pits, bins) <100K |
| Servicing/maintenance |

**Regional Litter Generation Hotspots Summary**

\*\*All maps and more detailed information can be found in Moonee Ponds Litter Assessment - Attachment C. Corresponding page numbers are listed.

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| **Regional Litter Generation hot spots** | | | | | | | | |
| **#** | **Name**  **(pg ref)** | **Municipality** |  | **Constraints/issues with the hotspot** | **Current projects** | **Proposed projects (budgeted)** | **Desired/potential projects**  **(if given budget)** | **Who**  **(support)** |
| **3** | Glenroy retail precinct  p. 38 | Moreland | Glenroy retail and train station has been noted by Council that litter is likely to be generated from within the Westbreen Creek catchment. There are two underground pipes that pass stormwater runoff into Northern Golf Course.  The pipes lead to an open concrete channel then as vegetated waterway before flowing into an underground concrete pipe again. The pipe then resurfaces as Westbreen Creek at KW Joyce where there are 6 litter complaints from residents and Council.  The Golf Course reported significant increases in litter since the Acacia St main drain was increased (approx. 2016). Litter nets at the golf course were removed at the time. | Safe cleaning of WSUDs/streets given high volume of fast moving traffic. | Daily street and footpath sweeping – Pascoe Vale Road, Wheatsheaf and Post Office Place and all side streets. West St shopping precinct daily.  Smaller shopping strips swept 2-3 days |  |  | Moreland Council – street cleansing |
| 2 Smart/solar compaction bins installed in Glenroy, one in West St precincts. | More solar bins to be installed in Glenroy as budget allows |  | Moreland Council – street cleansing |
| WSUD raingardens implemented during street upgrades. Note: A design for West Street Shopping precinct improvement project (which also feeds into this waterway) is underway and litter/WSUD is a consideration based on this report. |  |  | Moreland Council – urban design |
| Current litter infrastructure already installed:   * Raingardens in PV Road as part of street upgrades – note some needed to be removed due to traffic issues. * End of line GPT on West Street drain – currently investigating its effectiveness/ design as lots of rubbish seems to escape through. |  |  | Moreland Council – urban design   * Street cleansing * IWM |
|  | Potential litter trap/treatment at Northern Golf Course as part of a wider flood mitigation project – in design |  | MW  Northern Golf Course  (Council) |
|  |  | Drain stenciling | Moreland CC  -waste education  Schools  (MW/Waterwatch/Litterwatch) |
|  |  | Trader behaviour change/  education program | Council – waste education  Sustainable Vic? |
| **8** | Coburg North shopping precinct | Moreland | Coburg North Shopping Centre precinct is one of the major shopping centres servicing the surrounding suburbs including Pascoe Vale. The precinct contains numerous takeaways shops, large open-air carpark and light industrial activities at the back of the shopping centre. It is also a busy transportation area with tram and train stations towards the east (not within the hotspot but close to this precinct).  This precinct is part of the Let’s Strain the Drain project and there were 5 visits to collect litter. Litter data showed this site as the second highest average number of litter items (1,192) and average weight of litter recorded (6.78kg). Council pipes within the hotspot lead into a main underground pipe (Melville Main Drain) that runs south-easterly direction and turns into westerly direction before connecting to MPC just upstream of Albion Street. |  | Street sweeping – time interval? |  |  | Moreland Council – street cleansing |
| # Drain buddies installed (currently working out ongoing service arrangements |  |  | Moreland Council – street cleansing  -IWM |
|  |  | Trader behavior change/  education program | Moreland Council Sustainable Vic?  -Waste education |
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| **12** | Sydney road shopping precinct pg. 42 | Moreland | Sydney Road shopping precinct is a main commercial activity within the Moreland Council area with one busy tram line running along Sydney Road and two train stations (Moreland and Anstey).  There are five Let's Strain the Drain visits at Sydney Road which recorded the third highest average litter items (434.6) and third highest average weight of litter items (2.376kg) recorded within the MPC catchment (MW dataset). Let's strain the Drain identified this location as a litter generation. There is one direct underground pipe at Albion Street that connects directly to MPC and there is another underground pipe 300m away from the hotspot along Hope Street that may facilitate litter movements into MPC. |  | # Drain buddies installed (currently working out ongoing service agreements |  |  | Moreland Council  -street cleansing  -IWM  DELWP Grant |
|  | Pilot project with traders to become plastic free – 30 traders |  |  | Moreland Council  -waste education  Sust Vic grant |
|  | # Smart bins installed | Currently investigating large scale IWM strategy for Brunswick area around Brunswick parklands which will hopefully treat some of the catchment. |  | Moreland Council  -street cleansing  IWM |
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**Local Litter Generation Hotspots**

\*\*All maps and more detailed information can be found in Moonee Ponds Litter Assessment - Attachment C. Corresponding page numbers are listed.

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| **Local Litter Generation Hotspots** | | | | | | | | |
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| **5** | John Pascoe Fawkner reserve  P 39 | Moreland | John Pascoe Fawkner Reserve has high recreational activity that may generate litter at this location. Worth noting that there are 9 complaints received at JP Fawner Reserve as a 'popular dumping ground' and litter accumulation hotspot.  At this hotspot, Moonee Ponds Creek is a vegetated waterway and it bends around the Reserve (slower energy) so it may deposit more litter and appear more visible to users of this area. |  |  | Water tap install program at sports facility. |  | Moreland Council (grant?)  -waste ed  -open space |
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| Litter mgt requirement in sports ground allocation lease. | Sports clubs to ban sale of water bottles (policy/lease arrangements) | Sporting ground lease compliance | Moreland Council  -waste ed  -recreation |
|  |  | Coordinated rapid response after rainfall hot spot collection location | Moreland Council  -Waste ed  MCMC  -Litter watch  Community |
| Street lighting installed to deter undesirable behaviours |  | Litter dumping hot spot cameras | Moreland Council  -capital projects  - street cleansing |
| **11** | Dunstan reserve pg. 42 | Moreland | This is a public recreational zone where the Brunswick City soccer club resides. There is an underground pipe that passes through the reserve and connects with Moonee Ponds Creek (Melville Main Drain. There were 5 requests for service at this location. |  |  | Stormwater treatment / harvesting proposed at this location – currently RFQ for design. |  | Moreland Council - IWM |
|  |  |  |  |  |  | Water tap install program at sports facility to reduce need for sports clubs to sell water. |  | Moreland Council (grant?)  -waste ed  -open space |
|  |  |  |  |  | Litter mgt requirement in sports ground allocation lease. | Sports clubs to ban sale of water bottles (policy/lease arrangements) | Sporting ground lease compliance | Moreland Council  -waste ed  -recreation |
| **20** | KW Joyce reserve pg. 38 | Moreland | Glenroy retail and train station has been noted by Council that litter is likely to be generated from within the Westbreen Creek catchment. There are two underground pipes that pass stormwater runoff into Northern Golf Course. The pipes lead to an open concrete channel then as vegetated waterway before flowing into an underground concrete pipe again. The pipe then resurfaces as Westbreen Creek at KW Joyce where there are 6 litter complaints from residents and Council. |  | As above under #3 and:  Local community clean up group undertake regular activities along Westbreen Creek (when COVID permits) and litter data is collected.  Litter collection also included as part of creek management contract | Developing a relationship with adjoining PV Girls College and encouraging focus on litter management in the school | As above under #3 | Moreland Council  -open space  MCMC - litterwatch |

**Litter Accumulation Hotspots**

The litter accumulation hotspots correspond to the generation hotspots. Below are short summaries on the accumulation hotspots at each generation hotspot. More information on the exact location of the accumulation spots are in the Litter Assessment (corresponding pages listed).

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| **Litter Accumulation Hotspots** | | | | | | | | |
| **#** | **Name**  **(pg ref)** | **Municipality** |  | **Constraints/issues with the hotspot** | **Current projects** | **Proposed projects (budgeted)** | **Desired/potential projects**  **(if given budget)** | **Who**  **(support)** |
| 3  20 | Glenroy retail precinct & Hotspot 20: KW Joyce reserve (pg. 38) | Moreland | Common litter types observed by community at KW Joyce Reserve includes recyclable plastics, soft plastics (e.g. charity bags) and cigarette butts. Several complaints at KW Joyce Reserve and comments have identified litter sources at Glenroy retail precinct (activity centre) and West Street Drain. |  | As above under #3 | As above under #3 | As above under #3 |  |
| **8** | Coburg North shopping centre pg. 41 | Moreland | There are 4 requests for service along or near Melville Main Drain between Bellevue Street and Munro Street. |  |  |  | To work with traders to develop waste management plans at the precinct. | Moreland  Sustainability Vic or MWMG?? |
| 11  12 | Dunstan reserve & Hotspot 12: Sydney road shopping precinct pg. 42 | Moreland | Community survey responded that polystyrene and recycled plastic bottles as most obvious types of litter. While this hotspot is along the concrete section of the channel, we received responses that litter is most prevalent after rain events and tend to wash further down unless collected manually. This hotspot also receives litter from litter generation Hotspot 13-15 (Moonee Ponds Shopping Precinct) and any litter from upstream. |  |  | Potentially a litter/clean-up group starting. A session with MCMC Litterwatch was due to be held in Aug but cancelled due to COVID (includes accumulation hotspots 13 and 14 MVCC also) |  |  |
| 5 | John Pascoe Fawkner reserve (pg. 39) | Moreland | Litter gets accumulated at these locations either from upstream or local litter, with a larger extent of local litter during sporting season. Litter type varies across community complaints but many identified consumer’s litter (e.g. glass, aluminium, recyclable plastics, paper cardboard and soft plastics) as main litter types. John Pascoe Reserve (Hotspot 5) is also highlighted as ‘regular dumping ground’. |  | As above #5 | As above #5 | As above #5 |  |