

## January 2019 NEWSLETTER

### 12 offenders detected in 10 days under the new City of Yarra program. (Tripwire thermal)

Post field audit, 4 target sites were chosen for the triggers and micro thermal units based on dwell time of offenders, the calibre of the offenders frequenting the locations, and the proximity to the Police tasking unit.

“Like shooting fish in a barrel” was one comment as the offenders made their way to their favoured spot. Police were alerted before they had even commenced their damage with no-where to run. The City makes moves toward reclaiming severely afflicted public spaces.



### RAS donates the use of a full micro thermal kit to Nillumbik Shire Council

Having had their million dollar prized playground destroyed by arsonists in December 2017, we offered the Shire a full kit to fully protect the new replacement structure on a 24/7 basis. Having had associations and worked with Council since 2009, we determined to render a means of making sure the unsavoury types are spot lit for local Police to intercept in an instance.



### RAS releases a new kit combatting serial illegal dumping

Going by the acronym P.E.A or (Plates, evidence, action) we have we feel, created the ultimate weapon against illegal dumpers. Typically at night in general locations, dumpers can be missed due to their randomness. Focussing on the most common locations the new plate capture unit grabs the license plate up to 70 klm phr at night leading to a dumping location. Once on site, the thermal unit takes in the activity and notifies out team or a designated person in real time. The following day, once the site is visited and the activity confirmed, local laws or EPA can readily take action upon the offender/s. Costing some Councils in excess of a million dollars each year, new methods had to be engaged.



## City of Yarra audit complete – Our 82<sup>nd</sup> audit and largest field audit undertaken to date !

With a staggering 23,000 images taken over 2 months with 4 staff every day, the City of Yarra field audit was going to be a stand out. With excess of 200 klms walked our crew were well worn out by the end of the process and happy to get back to graffiti analysis and profiling.

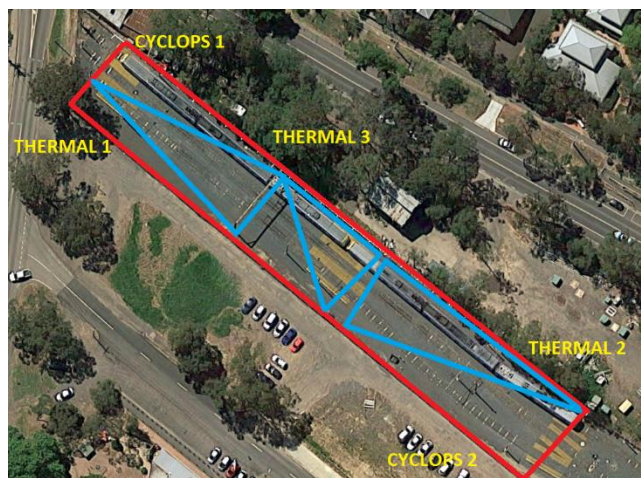
While it was an arduous task the first ever, street to street audit conducted, laid the foundation for this inner City Melbourne Council. Having the full dataset on hand and full analysis has allowed Council a clear snapshot of where they're at with regard to multiple strategies and component options. With a 7 figure sum of damage on the walls across all stakeholders, some serious moves are underway to reign the situation in.



## RAS designs new long range portable linear protection system for road / rail

We are pleased to announce we have created a portable system that allows quick or semi permanent linear long range triggers for rail sidings or large access locations. As a single pair the system can extend to 200 metres. When several are combined a extended linear range up to 800 metres can be achieved. Alternately, the system can be used as a perimeter protection system or odd shaped configuration.

Once triggered, the sensors force the thermal system to operate so viewers can readily identify who is approaching a site, cutting into a stabling yard or accessing a freeway noise wall section via 3G. Many variations in design and operating options are possible through specific requests. Whether its to trigger a single thermal unit at one location or to temporarily act as a force field around a rail siding, the options are small, covert and portable and in real time.



Please feel free to contact us to discuss any of these or other projects we are working on. Working both locally and abroad we can offer up solutions based on successes generated through our extensive experience both in development but most importantly in the field where it counts.