



BCRG

**BROOKLYN COMMUNITY
REPRESENTATIVE GROUP**

BCRG COMMUNITY FORUM 2/2024

MEETING 57

WEDNESDAY

18 June, 2024

6:00pm til 8:30pm

Brooklyn Community Hall, Cypress Ave

Chair: Catherine Botta **Notetaker:** Andrea Mason



MEETING PURPOSE

To provide an update on progress towards resolution of dust, noise and odour issues.

18:00 – 18:30	Arrive for supper
1	Welcome Meeting purpose and overview of agenda items Introductions
2	Rolling Actions Update <i>Andrea Mason</i>
3	Community Update <i>Bert Boere, Brooklyn Residents Action Group</i>
4	Transport and Freight Policy to manage emissions <i>Andrew Newman, Director Policy and Strategy, Department of Transport and Planning.</i>
5	Council Updates and Community Forum Update <i>Jake Repacholi, Hobsons Bay Council;</i> <i>Callan Riley, Maribyrnong Council;</i> <i>Matt O'Mara and Kristen Gilbert, Brimbank Council</i>
6	
7	
8	EPA report on PM_{2.5} study <i>Dr Rosemary Fedele, EPA, Air and Odour Scientist</i>
9	EPA Victoria Update on dust, noise and odour program <i>Steve Lansdell, Regional Manager, Western Metropolitan Region</i> <i>Sam Sparks, Team Leader, Western Metropolitan Region</i>
10	Questions and Discussion
11	Wrap up & Close.

The intent of these meeting notes is to promote open communication between local business, local and state government, community and EPA Victoria (EPA). They are not to be used in a manner that compromises this objective.

Notes from this meeting will be posted on the Brooklyn Industrial Precinct website and will be available to the public. Meeting participants should advise Andrea Mason or Cath Botta if they would like their name removed from this public document.

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ACTIONS FROM THE MEETING

Action 1906_1: BCRG to invite EPA's Air and Odour Scientist back next year to provide an update on the analysis results from PM_{2.5} study of the inner west.

ITEM 1.

WELCOME (Catherine Botta)

The final notes from the March 2024 meeting are available from the [Brooklynip website](#).

Catherine Botta (Convenor) conducted acknowledgement to country and welcomed everyone to the BCRG forum and those online.

Cath reminded everyone of the purpose of the forum – to foster collaboration between members of the community, industry, EPA Victoria, local and state government. Hon Melissa Horne MP was welcomed.

Everyone was invited to introduce themselves.

ITEM 2.

ROLLING ACTIONS (Andrea Mason)

Andrea Mason, Executive Officer, BCRG reminded everyone of the Rolling Actions list which records actions from each meeting and updates actions that have been addressed between forums. These are available on the [Brooklynip website](#) and are circulated with the enews.

The status of the actions from the previous meetings are:

Action 1303_1: EPA to explore a citizen science project which could measure the dust in the area. **INCOMPLETE**

Action 1303_2: BCRG to invite University of Melbourne researcher to report on the results of their study. **INCOMPLETE – need to liaise with Melissa Horne**

Action 1303_3: EPA to present the Publication 2060 at the next BCRG forum. **INCOMPLETE Paul Torre late apology at June forum.**

Action 1303_4: BCRG to invite Department of Transport & Planning (Policy and Strategy/Freight Victoria) to share their monitoring information and outline forward plans for their stations. **COMPLETE Andrew Newman presenting at June forum.**

Action 1303_5: EPA to share a snapshot on what all the standards for measuring air quality are currently being used. **INCOMPLETE**

Action 1303_6: Invite EPA's Chief Environmental Scientist to the next BCRG to discuss EPA's analysis of the Westgate Tunnel Project monitoring data. **COMPLETE Dr Rosemary Fedele presenting at June forum.**

Action 1303_7: Invite a representative from EPA's Environmental Public Health Branch to BCRG. **INCOMPLETE**

ITEM 3.

COMMUNITY UPDATE (Bert Boere, Brooklyn Residents Action Group and Geoff Mitchelmore, Friends of Lower Kororoit Creek)

The full presentation from Geoff is available in [Attachment 1](#).

Geoff provided an update on works being undertaken as part of the Melbourne Water Zone 9 Pipeline Reserve Brooklyn Masterplan and surrounding roads.

Issues still to be addressed

- Resealing of bitumen on Old Geelong Rd delayed due to West Gate Tunnel project
- Soil build up on side of roads from dust.
- Tanker storage site tracking mud onto roads
- Lack of quality landscaping by some businesses
- Gates open into Pipeline Reserve allowing dumping near entrance to shared trail
- Unmade Old Geelong Rd
- Illegal parking of trucks
- Environmental Significance Overlay intrusion at Jaytrix.

Improvements undertaken or planned

- Plantings in riparian zone have improved the Brooklyn Triangle site – Geelong Rd, Kororoit Creek and Grieve Pde
- Still 1000 trees coming
- Zone 9 Landscape pipeline reserve forest plans for protection from dust.

Bert raised the issue of metallic sounds like in a crusher which has been heard for over a year near the corner of McDonald and Geelong Rds on 2 sites. The community are at their wits end from the dust and noise.

Kristen Gilbert noted that the first building at that site is complete, and another is to be built.

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ITEM 4.

TRANSPORT AND FREIGHT POLICY TO MANAGE EMISSIONS (Andrew Newman, Director Policy and Strategy, Department of Transport and Planning)

Andrew Newman provided a short commentary on policy and strategy at Department of Transport and Planning (DTP) including rail and VicRoads.

Air Monitoring stations

DTP is working with Environment Victoria (EPA) to keep the mobile air monitoring stations which were earmarked to be sold. EPA will continue to operate and use these mobile stations.

No Truck Zones

As part of the West Gate Tunnel Project, the Victorian Government will introduce 24-hour truck bans when the project opens to ensure that trucks use the freeway and to prevent rat runs through local streets. For people living in the inner west this means safer roads, improved local air quality and less truck noise for residents.

- Francis Street – The Francis Street ban will apply between Roberts Street and Hyde Street.
- Somerville Road – The Somerville Road ban will apply between Geelong Road and Whitehall Street.
- Buckley Street – The full length of Buckley Street and part of Napier Street will be covered by the ban, from Geelong Road to Whitehall Street.
- Moore Street – The full length of Moore Street will be covered by the ban, from Ballarat Road to Hopkins Street.
- Blackshaws Road – The full length of Blackshaws Road will be covered by the ban, from Melbourne Road to Grieve Parade.
- Hudsons Road – The Hudsons Road ban will apply between Melbourne Road and Booker Street.

Exemptions will apply to trucks with local origins and destinations. This ensures that local businesses can continue to receive and supply goods. Trucks carrying dangerous goods or over-height trucks that are banned from tunnels will also be able to avoid residential streets by using the new Hyde Street ramps for trips to the port, local industry and fuel depots.

<https://bigbuild.vic.gov.au/projects/west-gate-tunnel-project/about/greener-and-better-connected-west/trucks-off-local-roads>

Camera Technology

The National Heavy Vehicle Regulator (NHVR) is responsible for enforcing on road enforcement and truck curfews. Camera technology has been trialled on the Somerville Rd and Williamstown Rd intersection. These cameras have sensors and AI capacity for machine learning meaning that they can recognise the size and type of trucks and register number plates. These cameras will be set up on all exempt roads for enforcement purposes. Traffic monitoring reporting will be available on the DTP website.

Work is being undertaken to adjust the legislation so the onus for evidence is on the truck operator if caught on camera. The rules of operation are still in design phase. The cameras will see every truck and repeat offenders. Funds have been secured from the State government to operationalise this.

Heavy Vehicle National Working Group

Andrew is Chair of the National Working Group specific to heavy vehicle decarbonisation. It has representation from all transport ministers and secretaries.

Land Use

It is expected that over time, the number of trucks in Brooklyn will reduce as the new truck bans take effect. It is anticipated that industries still requiring access to the region due to current land use, such as container yards and logistics, will move operations to more favourable suburbs for truck routes.

Decarbonisation

Transport contributes one quarter of emissions in Australia and one third of that is attributable to freight. 8.5% of all emissions in Vic are due to the freight sector but it is the hardest sector to decarbonise because it is mostly privately owned, and it is still difficult to get cost effective trucks with enough power. Strategies to reduce carbon in the sector include; increased electric and low emissions trucks, installation of fast charging stations for freight prime movers; increased rail use policy; increased use of biofuel and reducing the age of the fleet.

QUESTION: Can you measure the pollutant emissions in the lanes with the new cameras?

Andrew: The best way to determine emissions is by looking at the exhaust type of the vehicle. Long term strategies might include monitoring the age of truck fleets at the port gate and restricting older vehicle access.

QUESTION: Once exclusion roads are enforced it will increase truck traffic on Millers Rd and on the freeway south of Brooklyn. Is there a solution to this issue?

Andrew: Millers Rd will have to remain open. VicRoads is aware of issue and will be monitoring the impacts to see if the modelling is realised. It is hoped that once the truck operators realise that they can't directly run into the city from Brooklyn, the industry will change how and where it operates from.

QUESTION: What are the predicted impacts for Geelong Rd and the southern end of Brooklyn?

Andrew: It is expected that there will be a reduction in trucks on Geelong Rd because the traffic will go to the freeway. WGT modelling shows an increase in trucks on Millers Rd and Williamstown Rd. However overall, the numbers are expected to be reduced.



ITEM 5.

COUNCIL UPDATE (Jake Repacholi, Coordinator Public Health, Hobsons Bay City Council)

Jake provided an update on the work Hobsons Bay City Council is undertaking to improve air quality in the region.

HBCC received 9 smoke related complaints for period 1 Mar to 31 May

Compared to same period in 2023 where there was a total of 15 complaints.

- Between March and May - 9 smoke related complaints were received compared to same period in 2023 where there was a total of 15 complaints.
- All these complaints have been resolved through education. Reduction attributed to ongoing education from Environmental Health Officers and collaboration with EPA.
 - o Highlighting key messages from research has worked well with residents including:
 - o Wood heaters emitting most smoke when warming up (night and early morning)
 - o A single wood heater can impact a radius from 45-85m (pm 2.5 – Monash spatial analysis with clarity sensors)
 - o Encouraging use of wood pellets.
- Council is working to resolve complaints early to avoid going to courts
- Currently exploring further collaboration with Monash Uni on Council's response to wood heater complaints
- Attended The Clean Air Society of Australia and New Zealand workshop on 5 June to develop a foundation course to support council officers managing air quality complaints.
- Noise complaints – mostly from music and construction sources.
- Collaboration with EPA and Monash Uni on wood heater smoke webpage and highlighting results of EPA study into local pm 2.5 pollution sources - see Table A1.

Table A1. PM_{2.5} emissions (kg/year) by LGA in 2016 (EPA Victoria, 2021).

LGA	Industry	Commercial	Shipping	Wood heaters	Rail transport	Road transport
City of Brimbank	4,107	5,489	0	40,010	433	160,914
City of Hobsons Bay	73,079	3,126	0	19,641	784	95,263
City of Maribyrnong	3,773	2,488	0	19,474	595	39,922
City of Melbourne	34,942	20,350	450,000	25,774	470	96,182
City of Port Phillip	8,097	3,158	0	31,138	0	49,522

QUESTION: Where is the public information for residents?

Jake: There is a dedicated webpage on Councils’ website. Currently being reviewed with EPA, the site can be accessed at <https://www.hobsonsbay.vic.gov.au/Services/Planning-Building/Building-Services/Around-the-Home/Solid-Fuel-Heaters>

QUESTION: How does Council monitor asbestos in demolition projects?

Jake: Demolition projects are required to have a permit. If there is more than 10m2 of asbestos an additional Worksafe permit is required which have a number of conditions that need to be complied with.

ITEM 6.

COUNCIL UPDATE (Callan Riley, Manager City Sustainability, Maribyrnong City Council)

The full presentation is available in [Attachment 2](#).

Callan provided an update on the work Maribyrnong City Council is undertaking to improve air quality in the region.

Maribyrnong City Council adopted its [Air Quality Improvement Plan](#) in August 2022. Council continues to implement the plan including extensive advocacy.

Council activities

- Council Advocacy in 2023/24 included 17 letters, 12 meetings and >5 submissions.
- Staff have attended a planning session with The Clean Air Society of Australia and New Zealand to inform a course on Managing Air Quality for Councils
- Working with universities to explore monitoring and guidance opportunities
- Hosted the inaugural Living Future Expo, a demonstration, and celebration, of Sustainability in Action. Activities included a focus on air quality and electric vehicles.

ITEM 7.

COUNCIL UPDATE (Kristen Gilbert, Manager City Development Services and Matt O’Mara, Coordinator Planning Compliance Brimbank City Council)

The full presentation is available in [Attachment 3](#).

Kristen and Matt provided updates on the statutory planning and compliance activities being undertaken by Brimbank Council in the Brooklyn area. These include properties with new planning applications and updates on properties previously discussed at BCRG.

New planning applications received

- 469 Somerville Road, Brooklyn - Buildings and works in association with industry
- 125 Bunting Road, Brooklyn - Buildings and works for construction of a new workshop
- 730 Geelong Road, Brooklyn - Buildings and works for the construction of a vehicle store.

Applications mentioned at last BCRG

- 166 Jones Road, Brooklyn - withdrawn in March 2024
- 454-460 Somerville Road, Brooklyn - still awaiting further information including an updated environmental audit.
- 696 Geelong Road, Brooklyn - planning permit was issued in March 2024.

Enforcement and compliance update

- 598 Geelong Road Brooklyn – multiple actions including removal of soil stockpiles, out of hours inspections, timing restrictions for pile drilling, other compliance issues.
- 28 Jones Road Brooklyn - Shipping Container Storage facility inspections
- Bunting Road - Regular inspections of multiple sites.

COMMENT: *The community is concerned about the construction noises from 598 Geelong Rd which is impacting on residential areas.*

Kristen: Council is bound by the planning and permit regulations and conditions have been set accordingly. The construction period is for a limited time so should end in time.

COMMENT: *The ResourceCo Community Reference Group has met and it was clear that ResourceCo intend to stay on the current site.*

COMMENT: *Residents are still being covered in dust along Geelong Rd.*

Matt: It is difficult to track the dust sources. Council continues to monitor and inspect operations to ensure they are adhering to their permit conditions.

ITEM 8.

EPA REPORT ON PM 2.5 STUDY (Dr Rosemary Fedele, EPA, Air and Odour Scientist)

The full presentation from EPA is available in [Attachment 4](#).

Dr Rosemary Fedele provided information on a study of the Sources of PM2.5 in Inner West Melbourne which was undertaken over a year. The project was a partnership between Port of Melbourne, CSIRO, GNS Sciences and EPA Victoria.

The study focussed on PM2.5 at two locations Yarraville and Spotswood in the inner west from May 2021 to May 2022. The key research questions were:

- What are the key chemical species in airborne PM2.5 in inner west Melbourne?
- What are the sources contributing to airborne PM2.5 in inner west Melbourne?
- What are the major anthropogenic sources contributing to PM2.5 that we should focus our interventions on?

Seasonal variability – Yarraville

Data results across the four seasons indicated:

- Highest concentrations of PM2.5 occurred summer through to winter
- Aged biomass burning (due to hazard reduction burns) major contributing source of PM2.5 in autumn and spring

- Aged and fresh biomass burning emissions (from residential wood heaters) are major contributing sources of PM2.5 in winter
- Diesel vehicle emissions are a large contributing source of PM2.5 year round
- Petrol vehicle emissions are a minor source of PM2.5
- Major contributing sources of PM2.5 in spring and summer were nitrates, marine and ammonium sulphate aerosol
- Shipping is a minor contributing source of PM2.5
- Industry and crustal emissions are significant contributing sources of PM2.5 in summer and autumn.

Seasonal variability - Spotswood versus Yarraville

- Similar patterns to Yarraville for all sources except vehicle emission and crustal contributions
- Vehicle emissions are significantly higher at this site
- Vehicle volumes in 2020 in Spotswood were almost 4 times higher than in Yarraville
- Truck volumes approx. 4.4 times higher in Spotswood.

Conclusions

Most of the sources identified by the study are anthropogenic, the most predominant sources were diesel vehicle emissions and biomass burning (smoke from wood heaters in winter and hazard reduction burns in autumn).

Key chemical species in PM2.5 were Black Carbon and Organic Carbon and sources identified reflect this – major sources contained BC and OC as dominant chemical species.

QUESTION: Brooklyn reserve is part of study. Results from Brooklyn are to be published

Rosemary: There were 20 samples taken from the Brooklyn air monitoring station to assist with background/ ambient air quality data, but this is not enough samples to do a study like that undertaken. The point of difference for this PM2.5 study is that it focussed on the chemical analysis in the particulates. The results of these analysis are still to come.

The 2060 publication with more information can be found at <https://www.epa.vic.gov.au/about-epa/publications/2060-air-pollution-inner-west-melbourne>

Action 1906_1: BCRG to invite EPA's Air and Odour Scientist back next year to provide an update on the analysis results from PM2.5 study of the inner west.

ITEM 9.

EPA VICTORIA UPDATE ON DUST, NOISE AND ODOUR PROGRAM (Sam Sparks, Team Leader, Western Metropolitan Region)

As the meeting was behind in time, Sam provided an abridged version of his presentation. The full presentation from EPA is available in [Attachment 5](#).

Sam gave an update on odour reports for Brooklyn which are still high at times. In Laverton North, the odour reduced significantly in May after peaks in March and April.

Compliance Report Q4 2023/24

What's been happening in the Western Metro Region so far, this Financial Year

- Pollution Reports – approx. 4707 received
- Inspections – 803 inspections completed
- Notices - 404 notices issued in total.

What next Quarter 1 will look like:

- Strategic Odour Program (Inner West)
- Strategic Inner West AQ Program
- Fire Prevention Program
- Waste Crime incl. Asbestos
- Permission Compliance
- Pollution Response.

Compliance Report - Brooklyn and Tottenham

38 Notices so far this year

- 8 x Information Gathering Notices;
- 21 x Improvement Notices;
- 7 x Environmental Action Notices;
- 1 x Notice to Investigate;
- 1 x Direction.

Enforcement Action

Sanctions Issued:

- 12 active prosecutions in the Courts at present within the West Metro region.
- 25 Infringements issued this Financial Year.
- 16 Official Warnings issued this Financial Year.

Odour Guidance for Businesses

How to Assess Odour Risk:

Publication 1883: Guidance for assessing odour

<https://www.epa.vic.gov.au/about-epa/publications/1883>

Detail on odour controls:

<https://www.epa.vic.gov.au/for-business/find-a-topic/odour/advice-for-businesses/control-details>

It's important to have the right controls and have a documented system for checking those controls.

QUESTION: In relation to the [Limbourne fine](#) recently, the fires burned for over 2 months and the resulting fines seem insufficient and do not reflect the impact on the community. Is there more that can be done? What is the duty of care for the landlords?

Sam: EPA can't comment further on these fines that have been processed through the courts. EPA is continuing to develop new strategies and looking at what levers can be used to disincentivise businesses to breach obligations.

COMMENT: The storage of the truck tankers on Old Geelong Rd pose a safety risk with chemicals of unknown nature being stored. Are there facilities on site to protect the environment and the Kororoit Creek?

COMMENT: Previous attempts to report incidents to EPA have not been successful even with photographic evidence of a truck dumping into a drain and another where asbestos was being dumped for 5 years. There is no use reporting if no action is taking place. Polluting is taking part in the middle of the night and EPA should be out after hours to catch these offenders.

Sam: EPA does have an out of hours roster for its staff.

QUESTION: What materials are being removed after hours from the new data centre site in Geelong Rd?

Kristen Gilbert: Excess soils are being removed and should be going to landfill.

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ITEM 10.

MEETING CLOSE

Cath thanked the presenters and everyone for attending.

Next meeting dates

- Wednesday 13th November
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Meeting closed 8:50 pm

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Meeting Attendance Record – June 19, 2024

20 people registered their attendance.

Name	Organisation	Name	Organisation
Andrea Mason	EO, BCRG	Donna Gray	CSF Proteins
Andrew Newman	Dept Transport and Planning	Geoff Mitchelmore	Resident
Asad Khan	Resident	Heather Humphreys	Resident
Bert Boere	BRAG	Jake Repacholi	Hobsons Bay CC
Brian Long	Resident	Kristen Gilbert	Brimbank City Council
Carmen Largaiolli	Resident	Lisa Palmer	Australian Tallow
Callan Riley	Maribyrnong CC	Matt O'Mara	Brimbank City Council
Catherine Botta	BCRG Chair	Rayanne Hawke	Resident
Celeste Taranto	EPA Victoria	Sam Sparks	EPA Victoria
Christian Buxton	Sunshine Groupe	Stephen Lansdell	EPA Victoria

Apologies

Name	Organisation	Name	Organisation
Gary Laidlaw	EPA Victoria	Melissa Horne MP	Member for Williamstown
Paul Torre	EPA Victoria	Ruth Cronin	Resident
Jian Tan	Nufarm		

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ATTACHMENT 1.

BROOKLYN NORTH UPDATE

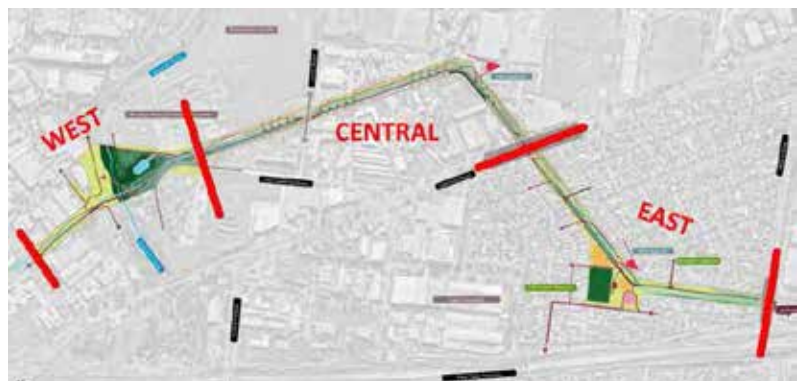
- WEST ZONE 9 PIPELINE RESERVE DEVELOPMENT



BROOKLYN NORTH UPDATE



Melbourne
Water
Zone 9
Pipeline
Reserve
Brooklyn
Masterplan



Not so
good news



Sealed Section - Old Geelong Road

Breaking up



Sealed Section Old Geelong Road

Dust, mud, illegal parking

Action - EPA & Brimbank City Council



Tanker Storage site!

Mud into Old Geelong Road

Dangerous Goods security & safety

Action EPA

Planning Permit

Action Brimbank

Old Geelong Road - Bollards down



Landscaping - Jones Road!!



Shared trail entrance at Cleanaway

Action - Melbourne Water



Landscaping in front Cleanaway

Action Melbourne Water



Pipeline Reserve – Security, dumping & mud

Action Department of Transport & Planning

Shared trail at Cleanaway





Unmade Old Geelong Road

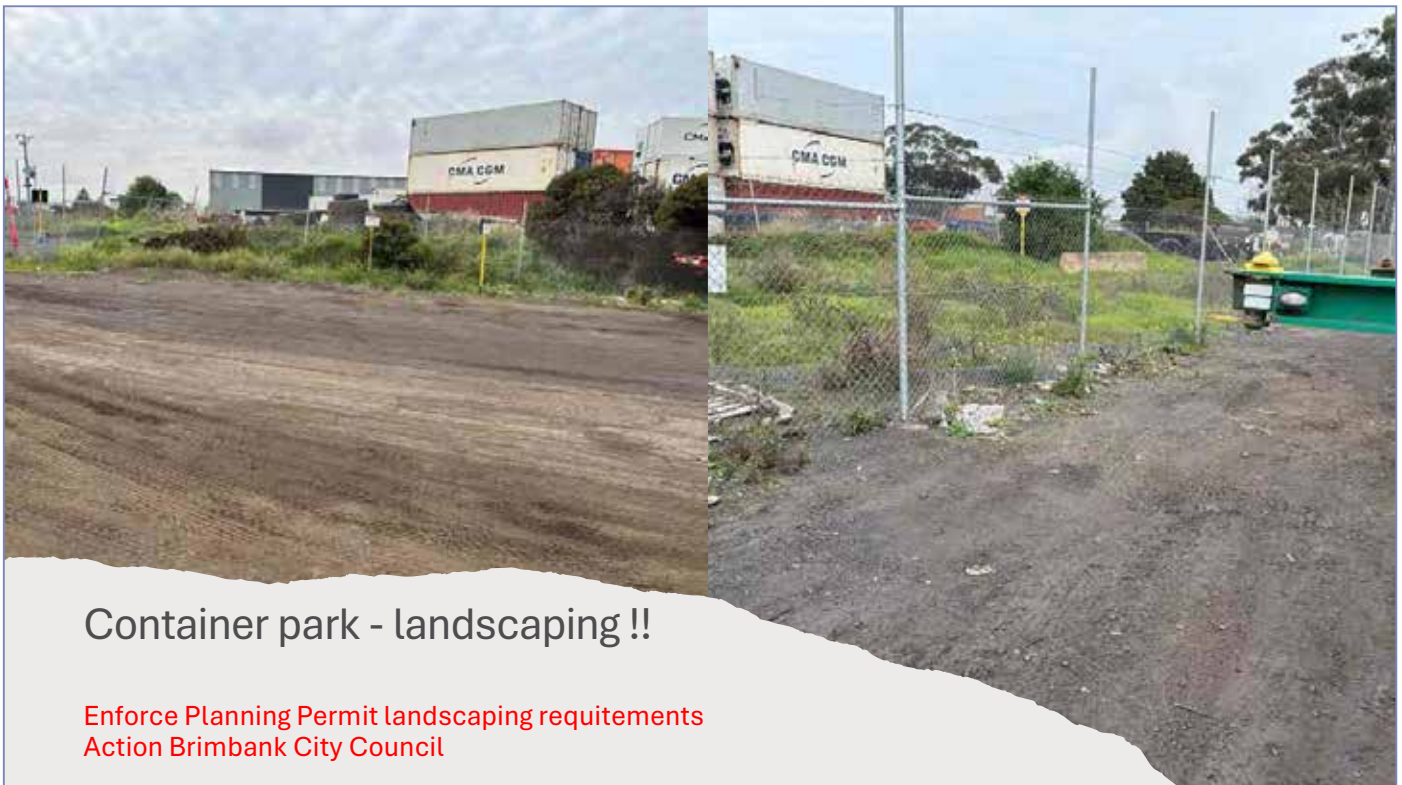


Unmade
Old Geelong
Road!



Parking illegal

Restricted Parking & policing for entire Old Geelong Road – Action BCC



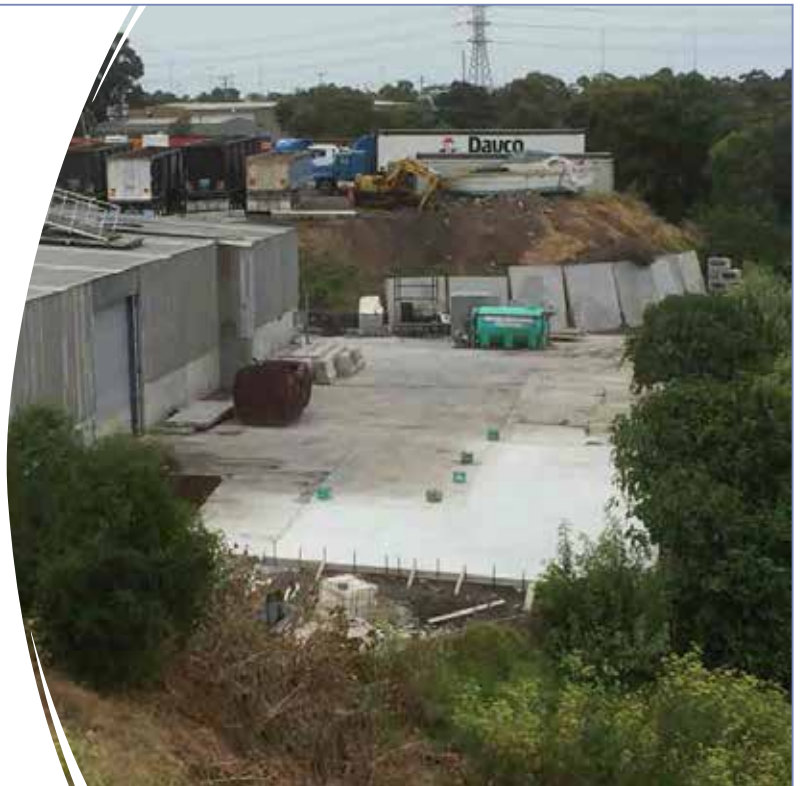
Container park - landscaping !!

Enforce Planning Permit landscaping requirements
Action Brimbank City Council

Jaytrix

- Environmental Significance Overlay intrusion
- Site sealing
- Site landscaping
- Site fencing
- Illegal parking Old Geelong Rd.

Action Brimbank City Council



GOOD NEWS

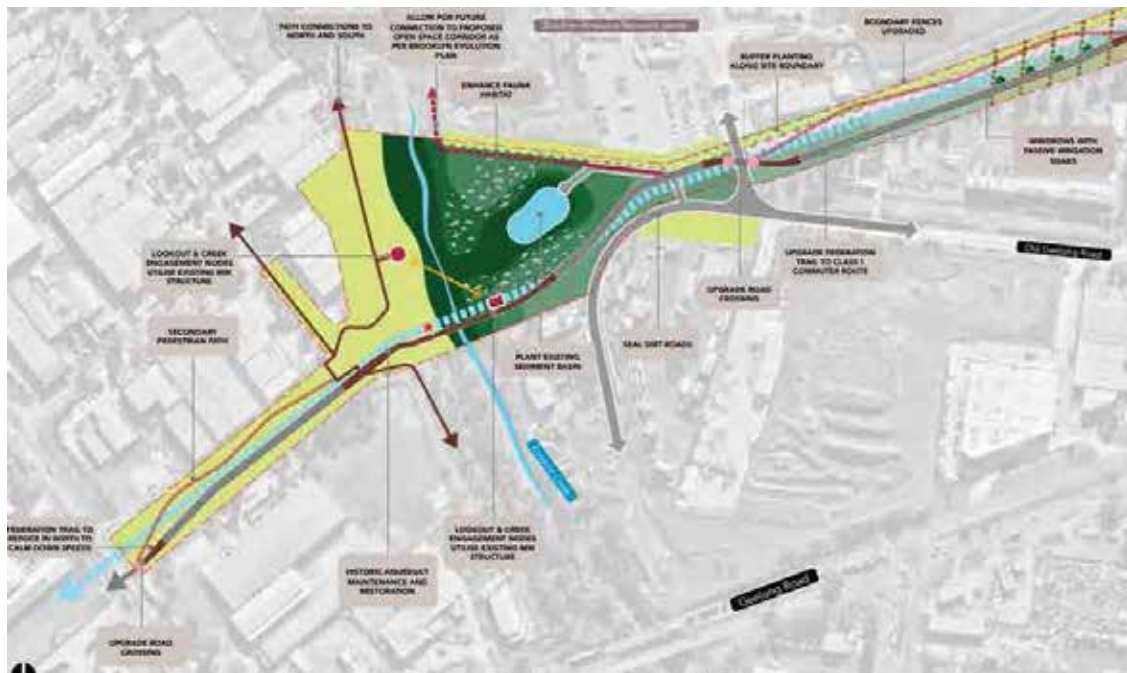
Brooklyn Triangle Development





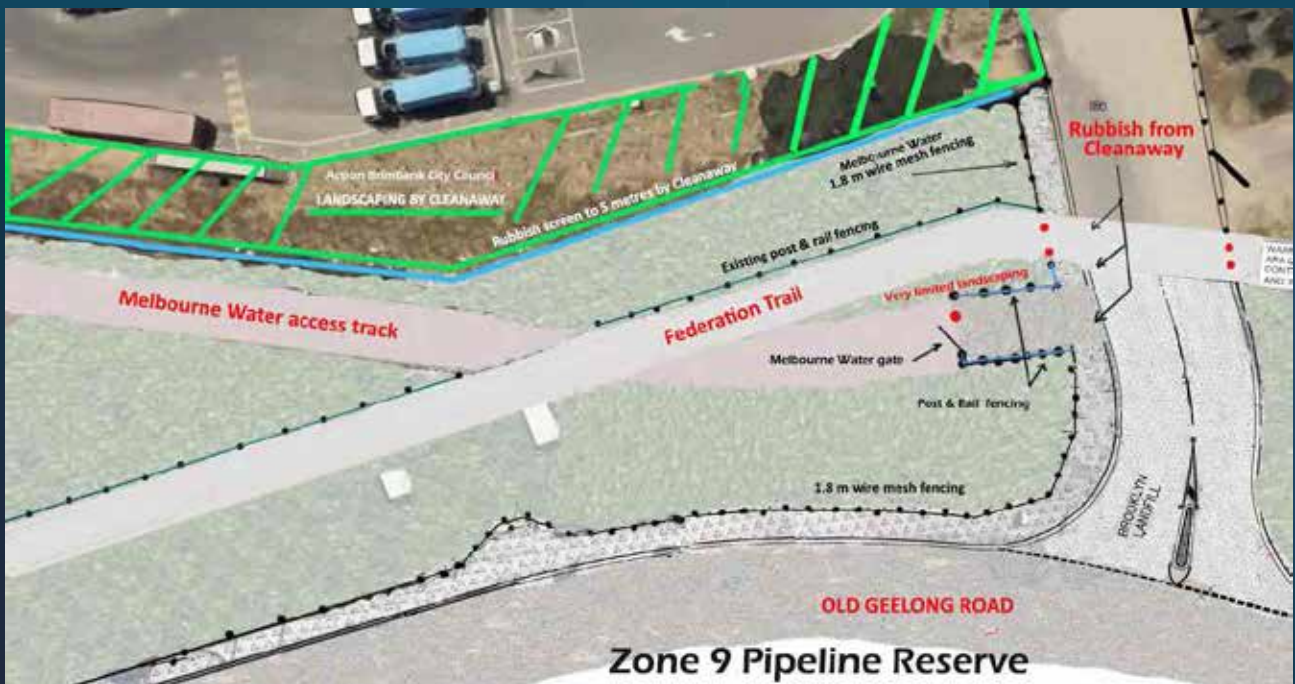
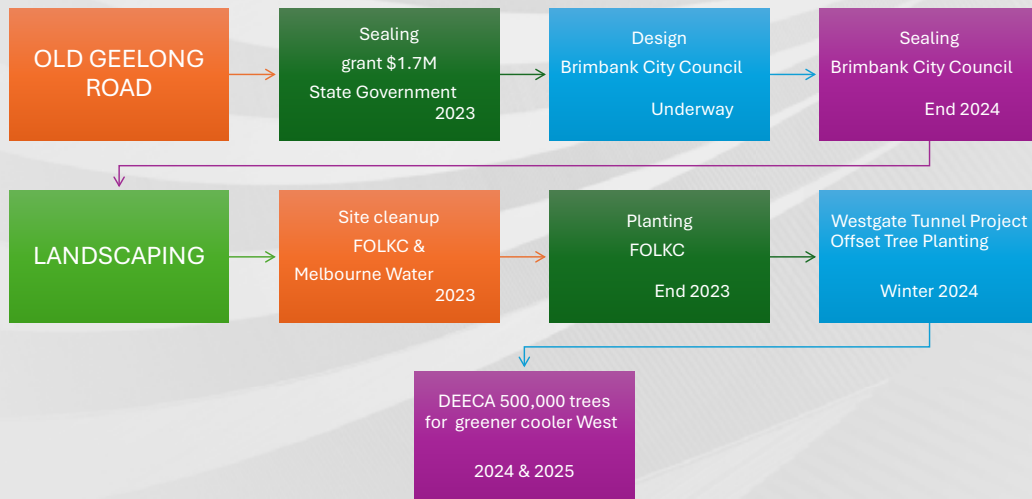


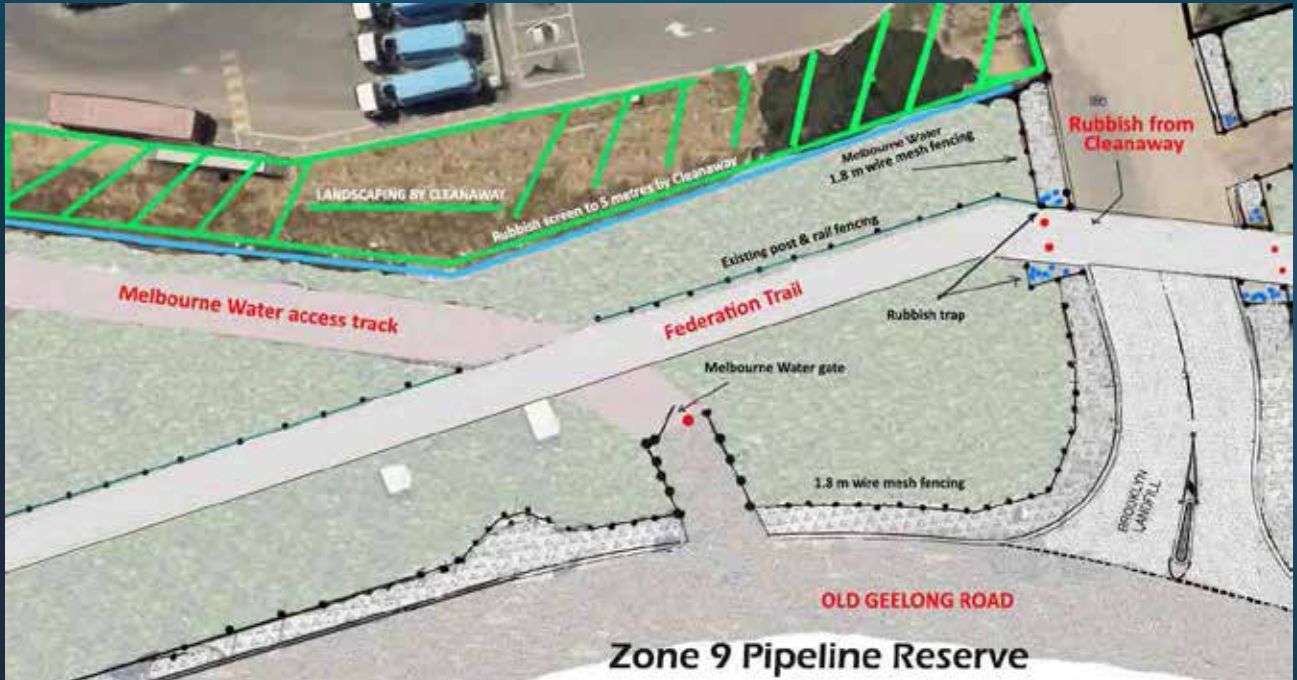
INVOLVED IN PROJECT



Western Precinct, Zone 9, Pipeline Reserve

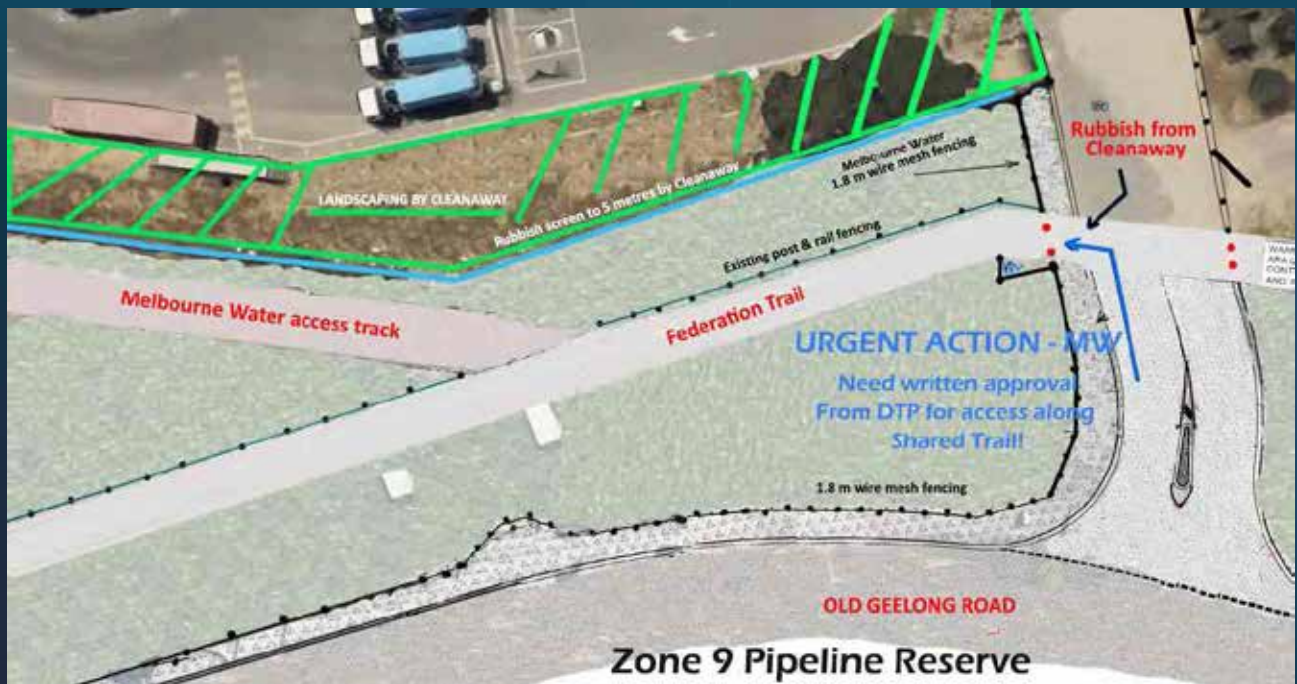
Pipeline Reserve Development Timeline





Zone 9 Pipeline Reserve

Friends Of Lower Kororoit Creek Plan



Zone 9 Pipeline Reserve

Melbourne Water Plan – BEST!



The Melbourne Water Proposal would be a great result for the environment with more landscaping.

URGENT ACTION IS REQUIRED BY
MELBOURE WATER
TO GET OFFICIAL PERMISSION FROM
DEPARTMENT OF TRANSPORT & PLANNING
TO ALLOW BRIMBANK TO FINALISE
PLANS FOR OLD GEELONG ROAD



ATTACHMENT 2.

MCC PRESENTATION FOR BCRG

- 19 JUNE 2024

Advocacy in 2023/24

- 17 letters
- 12 meetings
- >5 submissions

Air Quality Improvement Plan – progress report

- Went to Council 18/6
- Will be made public on our website

- Working with universities to explore monitoring and guidance opportunities
- Staff have attended a planning session with The Clean Air Society of Australia and New Zealand to inform a course on Managing Air Quality for Councils



Presentations

- Associate Professor Lou Irving presented on the impacts of air pollution to human health
- Martin Wurt, Maribyrnong Truck Action Group, presented on the local 'inner west' context
- Clare Sheppard from the Inner West Air Quality Network – about the network and how to get involved

Living Future Expo stall holders had an air quality focus:

- Bike West
- Maribyrnong Truck Action Group
- Melbourne Powered Bikes
- Good Car Company



ATTACHMENT 3.

STATUTORY PLANNING AND COMPLIANCE UPDATE

- 19 JUNE 2024



Statutory Planning and Compliance update

Kristen Gilbert – Brimbank City Council
Matthew O'Mara – Brimbank City Council

19 June 2024

Statutory Planning update



New planning applications received

- 469 Somerville Road, Brooklyn (P157/2024) received in April 2024

Buildings and works in association with industry, business identification signage, alteration to access in a Transport Zone 2, the construction of a front facing fence above 2 metres and the removal of an easement within a Design and Development Overlay Schedule 11



Statutory Planning update

- 125 Bunting Road, Brooklyn
(P155/2024) received in April 2024
 - Buildings and works for construction of a new workshop to an existing industrial premises within a Design and Development Overlay Schedule 11



Statutory Planning update

- 730 Geelong Road, Brooklyn
(P117/2024) received in April 2024
 - Buildings and works for the construction of a vehicle store & associated earthworks within a Design and Development Overlay Schedule 11
- (Retrospective application)



Statutory Planning update

Applications mentioned at last BCRG

- 166 Jones Road, Brooklyn

Application to change the use from asphalt plant (industry) to reclaimed asphalt plant (materials recycling) – was withdrawn in March 2024

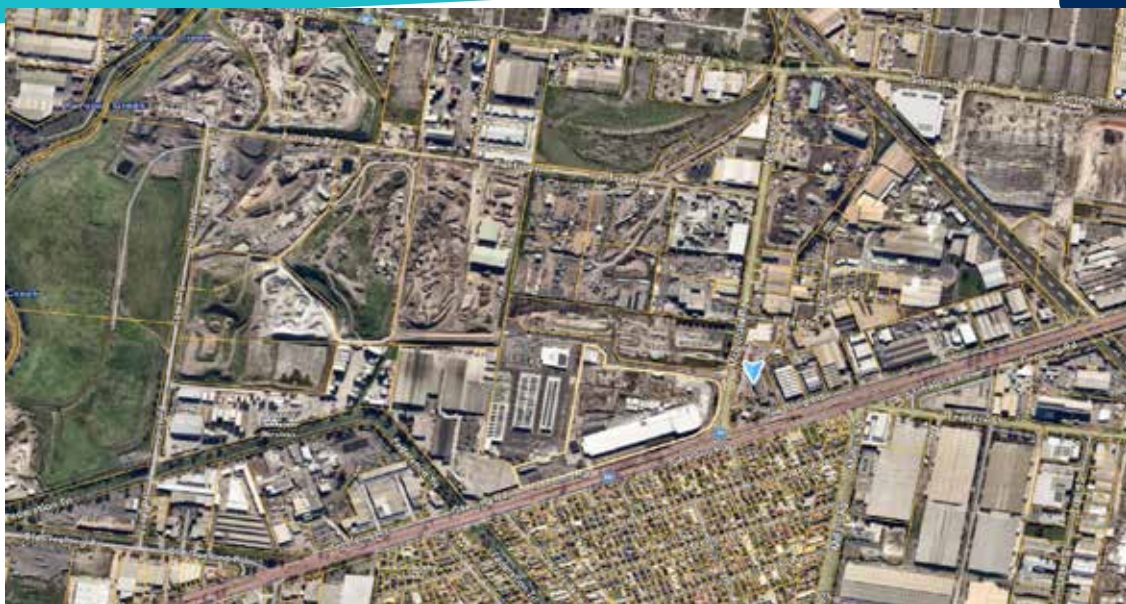
- 454-460 Somerville Road, Brooklyn

Application to redevelopment of the Huntsman Chemical site – still awaiting further information including an updated environmental audit.

- 696 Geelong Road, Brooklyn

Application to buildings and works for sealing the internal accessways – planning permit was issued in March 2024

Major Brooklyn Activity



598 A & B Geelong Road Brooklyn



7

Enforcement and compliance update

598 Geelong Road Brooklyn

- *Out of Hours applications for the removal of soil stockpile resulting from development*
 - *Endorsed to prevent dust during daylight hours*
 - *Dust mitigation measures are in place including water trucks and road controls*
 - *Included expanded letter drop*
 - *No sign of works other than what has been applied for (soil removal and works associated with)*
 - *Beepers are WiFi ie baffled*
- *Out of hours inspections conducted*
 - *Multiple out of hours inspections have been undertaken especially early morning*
 - *No sign of breaches on multiple occasions*
 - *Suspect other businesses (Coates for beepers)*

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Enforcement and compliance update

598 Geelong Road Brooklyn

- *Pile Drilling Works*
 - *We have made contact with the operator/developer as per the CEMP and have requested that works not commence before 9am on the weekends. Please note that this is by consent as the EPA Noise guidelines GED allow for commercial works to begin at 7am as per the endorsed CEMP*
- *CCTV camera to be installed*
- *Patrols conducted 3-4 times a week. This is supplemented by the EPA 'Air Quality Forecasts' in which case we will make another inspection*
- *Dust and Noise complaints are notoriously difficult to establish the source, hence difficulty in enforcement and requirement for further evidence such as nuisance diaries*
- *Beeper noise may be occurring from neighbouring facilities, of which we are currently investigating*

9

28 Jones Road Brooklyn



10

Enforcement and compliance update



28 Jones Road Brooklyn

- *Shipping Container Storage facility*
 - *Multiple inspections without any sign of non-compliance*
 - *Regular contact with operator regarding back-ups resulting from delays from shipping. Advice to stop delivery on high wind days*
 - *NFA at this stage with monitoring still occurring*

11

Enforcement and compliance (cont'd)



Bunting Road

- *Regular inspections of multiple sites along Bunting Road including but not limited to:*
 - **69 Bunting Road Brooklyn** – *Currently under investigation but largely compliant with permits. Some more works to be completed.*
 - **125 Bunting Road Brooklyn** – *Compliant with planning permit approvals. Soil washing facility subject to EPA licence as opposed to Planning Permit. No dust has been observed emanating from the site.*
 - **159 Bunting Road and 80-94 Jones Road Brooklyn** – *Working alongside EPA regulating compliance. Again no dust observed emanating from the site.*
 - **166 Jones Road Brooklyn** – *Compliant*

12

Questions

ATTACHMENT 4.

SOURCES OF PM_{2.5} IN INNER WEST MELBOURNE

- 19 JUNE 2024



Brooklyn Community Reference Group | 19 June 2024

Sources of PM_{2.5} in inner west Melbourne

Rosemary Fedele¹, Perry Davy², Melita Keywood³, Max McLennan-Gillings¹, Jennifer Powell³, Jacinda Shen¹, Sally Taylor³ and Paul Torre¹

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What is PM_{2.5} and why do we monitor it?

PM_{2.5} are very small particles usually found in smoke. They have a diameter of 2.5 micrometres (0.0025 mm) or smaller.

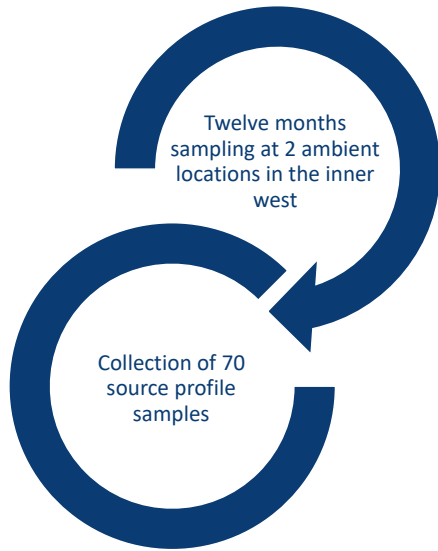
PM_{2.5} particles are a common air pollutant. We measure PM_{2.5} at multiple sites around Victoria.

Breathing in PM_{2.5} particles can affect your health. PM_{2.5} particles are small enough for you to breathe them deeply into your lungs. Sometimes particles can enter your bloodstream.



EPA Publication 2060: Air pollution sources in inner west Melbourne

Study objectives



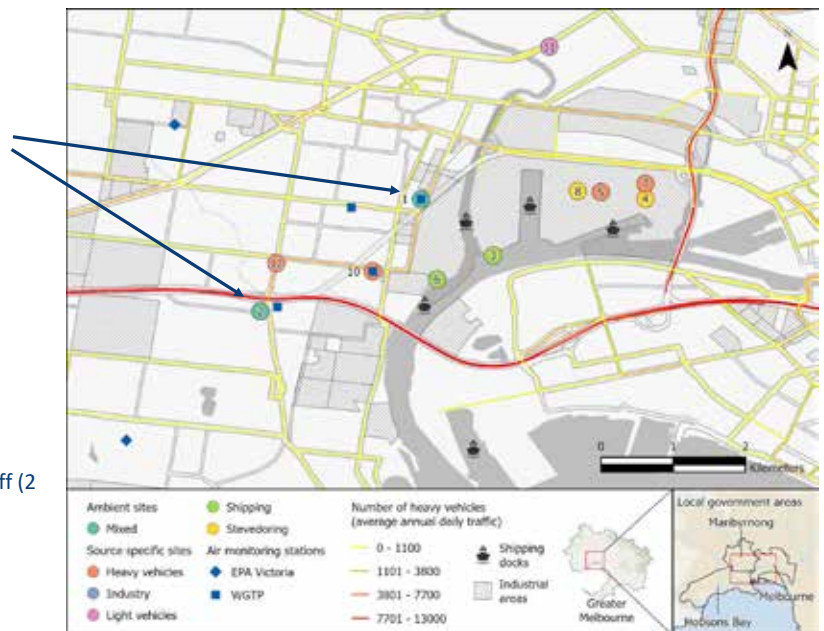
Sampling sites

2 ambient sites: Yarraville and Spotswood

24-hour samples collected every 3 days from May 2021 to May 2022

9 source specific sites

- 2 short term, unattended air monitoring sites, enclosed by temporary fencing (2.5 to 24-hour samples, with one 99-hour sample)
- 7 agile air monitoring sites attended by EPA staff (2 to 3-hour samples)



Method

2 samplers at each site collecting $PM_{2.5}$

- 668 samples collected all together

Chemical analysis (63 chemical species):

- Teflon filters: Black carbon, metals, soluble ions, anhydrous sugars
- Quartz filters: Organic carbon, elemental carbon

Source apportionment analysis:

- Positive matrix factorisation (PMF) was performed using EPAPMF software version 5.0.14



What is source apportionment?

Mathematical method used to analyse and simplify complex data

- 668 samples collected all together
- Chemical analysis (63 chemical species)



List of basic colours
(sources of pollution)

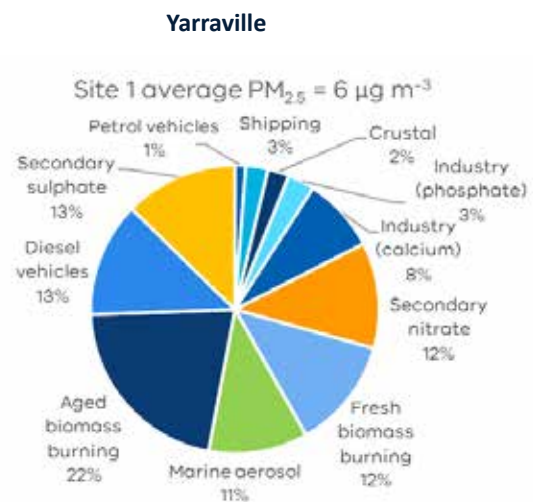
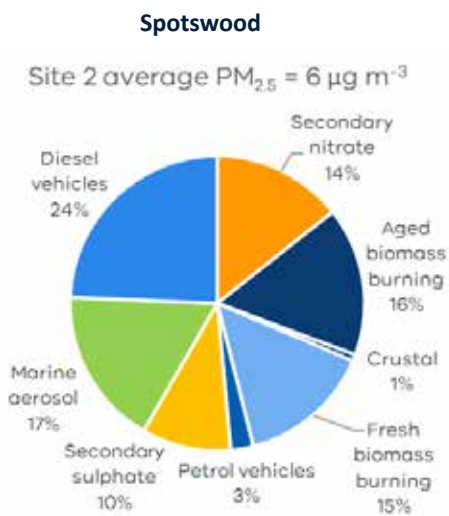
Recipe of how much of each
colour was used at each spot
(how much each source
contributes over time)

Research questions

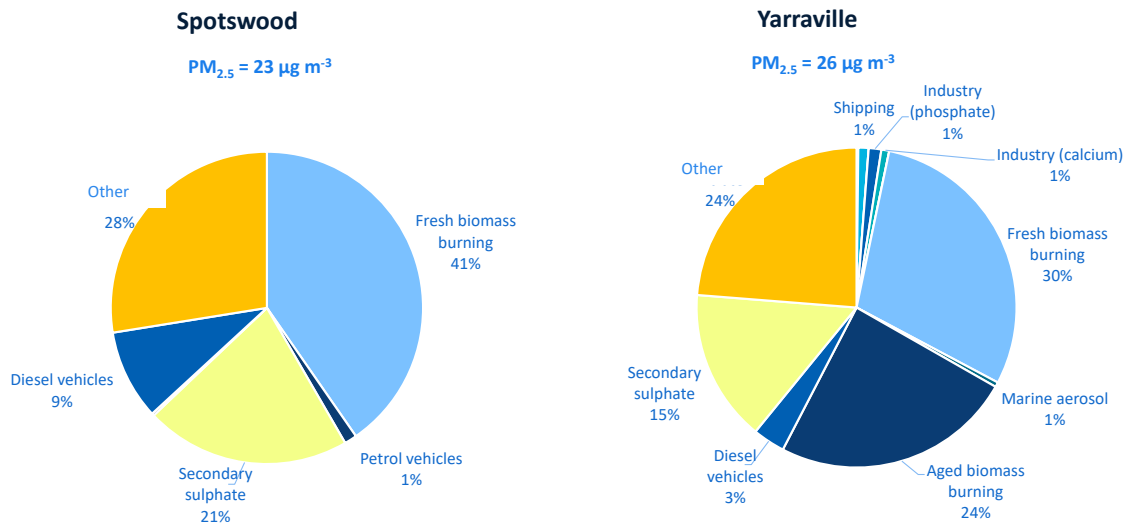
- What are the key chemical species in airborne PM_{2.5} in inner west Melbourne?
- What are the sources contributing to airborne PM_{2.5} in inner west Melbourne?
- What are the major anthropogenic sources contributing to PM_{2.5} that we should focus our interventions on?



Annual averages (% of PM_{2.5})



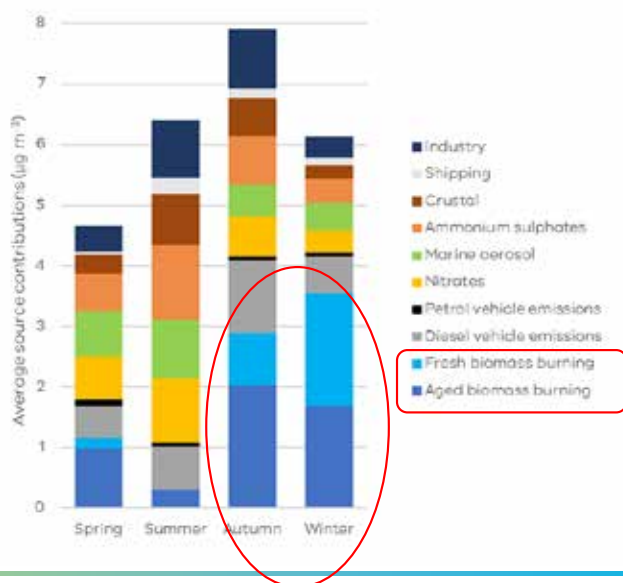
Maximum PM_{2.5} daily concentration (% of PM_{2.5})



Seasonal variability – Yarraville

Aged biomass burning (from residential wood heaters) is a major contributing source of PM_{2.5} in autumn and spring

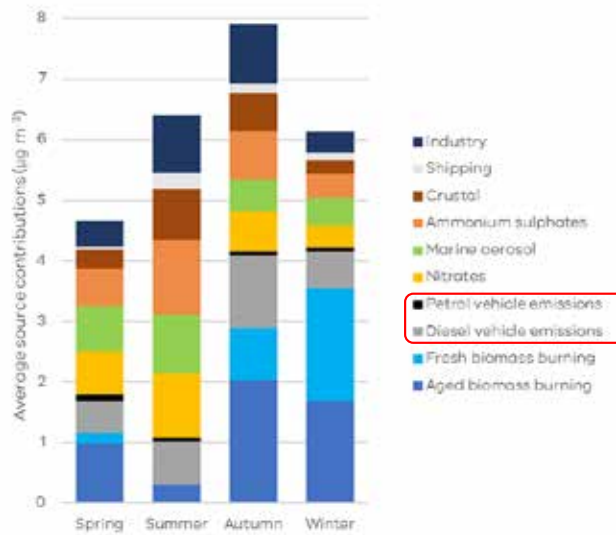
Aged and fresh biomass burning emissions (from residential wood heaters) are major contributing sources of PM_{2.5} in winter



Seasonal variability – Yarraville

Diesel vehicle emissions are a large contributing source of PM_{2.5} year round

Petrol vehicle emissions are a minor source of PM_{2.5}

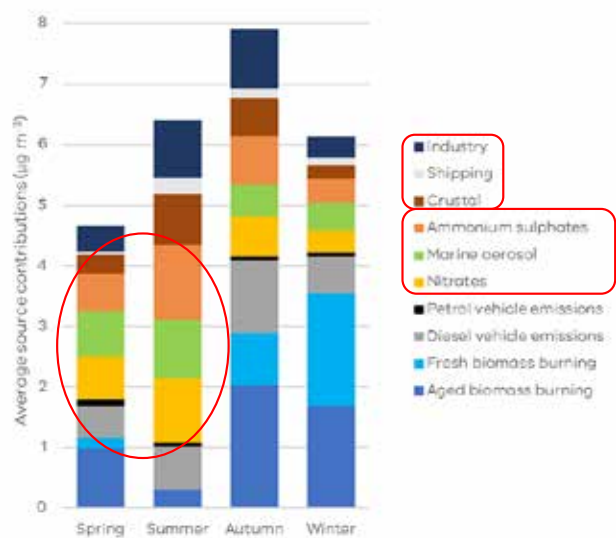


Seasonal variability – Yarraville

Major contributing sources of PM_{2.5} in spring and summer were nitrates, marine and ammonium sulphate aerosol

Shipping is a minor contributing source of PM_{2.5}

Industry and crustal emissions are significant contributing sources of PM_{2.5} in summer and autumn



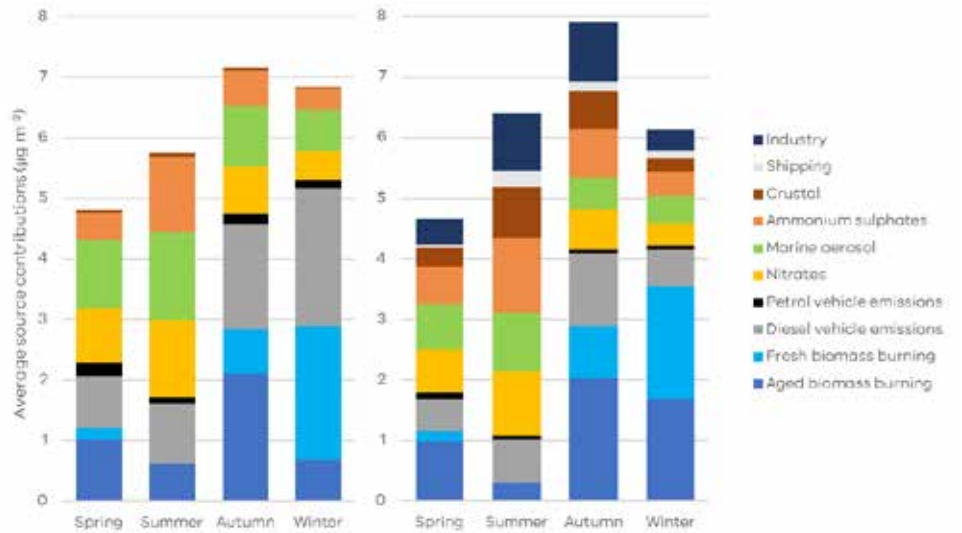
Seasonal variability – Spotswood (left) and Yarraville (right)

Similar patterns to Yarraville for all sources except vehicle emission and crustal contributions

Vehicle emissions are significantly higher at this site

Vehicle volumes in 2020 in Spotswood were almost 4 times higher than in Yarraville

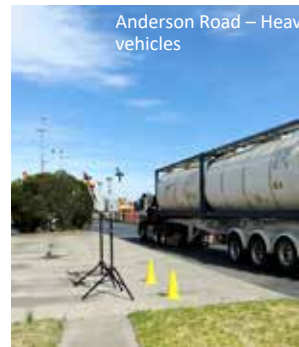
With truck volumes approx. 4.4 times higher in Spotswood



Conclusions

Most of the sources identified by the study are anthropogenic, the most predominant sources were diesel vehicle emissions and biomass burning (smoke from wood heaters in winter and hazard reduction burns in autumn).

Key chemical species in PM_{2.5} were BC and OC and sources identified reflect this – major sources contained BC and OC as dominant chemical species.



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Average source contributions ($\mu\text{g m}^{-3}$ (% of $\text{PM}_{2.5}$))

Source / Factor	Key chemical species	Other chemical species	Yarraville	Spotswood
Diesel vehicle emissions	BC, Fe, Cu	Ti, OC	0.8 (13%)	1.5 (24%)
Petrol vehicle emissions	Zn		0.1 (1%)	0.2 (3%)
Crustal matter / road dust	Al, Si	Ca, Ti, Fe	0.1 (2%)	0.04 (1%)
Fresh biomass burning from residential wood heaters in winter	BC, OC	K, levoglucosan	0.7 (12%)	0.9 (15%)
Aged biomass burning from				
- residential wood heaters in winter and	BC, OC	K, C2O42-	1.3 (22%)	1 (16%)
- hazard reduction burns in autumn				
Ammonium sulphate	S, SO42-, NH4+		0.8 (13%)	0.6 (10%)
Marine aerosol	Na, Cl		0.7 (11%)	1.1 (17%)
Nitrates - nitrous oxides from motor vehicles mixed with aged marine aerosol	NO3-		0.7 (11%)	0.9 (14%)
Industry	PO43-		0.2 (3%)	NA
Industry and crustal	Ca	Al, Si	0.5 (8%)	NA
Shipping exhaust emissions	V, Ni		0.2 (3%)	NA

ATTACHMENT 5.

BROOKLYN CRG - EPA UPDATE

- JUNE 2024



Environment Protection Authority Victoria

Sam Sparks & Steve Lansdell – June 2024

Brooklyn CRG



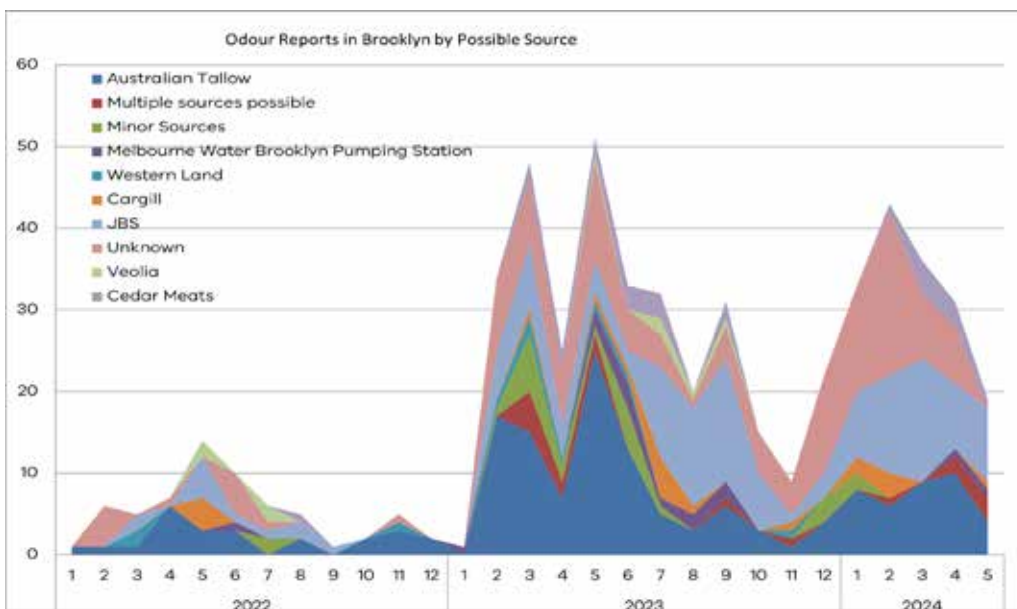
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Welcome

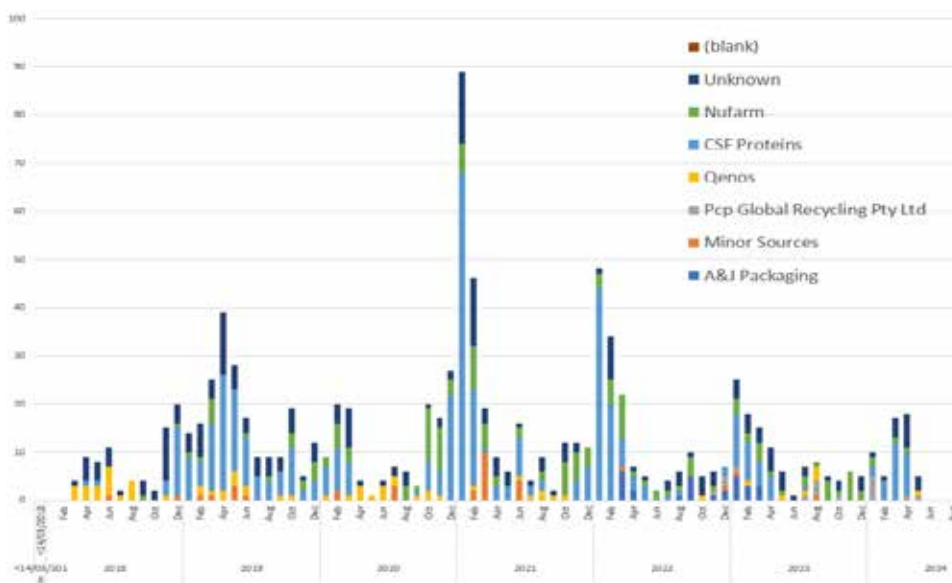


Brooklyn odour reports



EPA VIC | BCRG - 19 June 2024

Laverton North odour reports

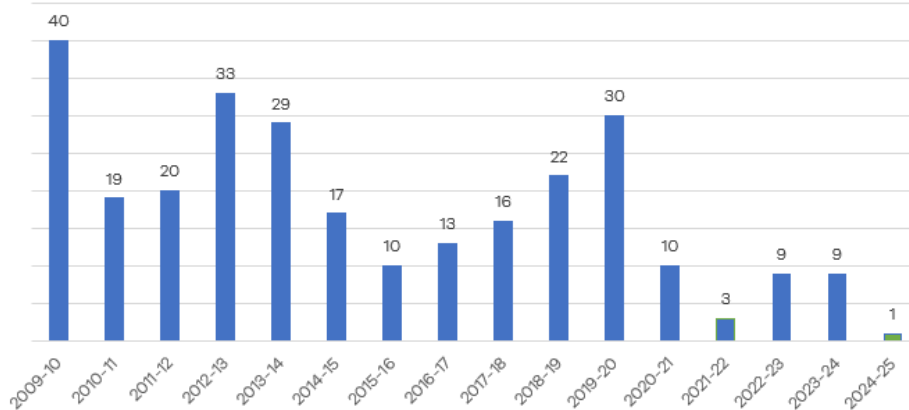


EPA VIC | BCRG - 19 June 2024

Brooklyn PM₁₀ reports

[This slide was provided after the meeting]

Number of days exceeding the PM₁₀ daily standard each year in Brooklyn



Note: The Brooklyn air monitoring station was not operating for about three months (from 19 October 2023 to 29 January 2023). A replacement of the existing station structure also contributed to the loss of some data.

last financial year due to the theft of a temporary portable monitor with solar panel.

EPA VIC | BCRG - 19 June 2024

Compliance Report Q4 2023/24

What's been happening in the Western Metro Region so far this Financial Year

Pollution Reports – approx. 4707 received
 Inspections – 803 inspections completed
 Notices - 404 notices issued in total.

What next Quarter 1 will look like:

- Strategic Odour Program (Inner West)
- Strategic Inner West AQ Program
- Fire Prevention Program
- Waste Crime incl. Asbestos
- Permission Compliance
- Pollution Response



EPA VIC | BCRG - 19 June 2024

Compliance Report - Brooklyn Area

Brooklyn and Tottenham

38 Notices so far this year

- 8 x Information Gathering Notices;
- 21x Improvement Notices;
- 7 x Environmental Action Notices;
- 1x Notice to Investigate;
- 1x Direction



EPA VIC | BCRG – 19 June 2024

Enforcement Action

Sanctions Issued:

- 12 active prosecutions in the Courts at present within the West Metro region.
- 25 Infringements issued this Financial Year.
- 16 Official Warnings issued this Financial Year

Director told to pay \$45,000 fine and costs

3 June 2024

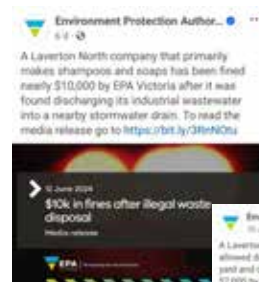
A director and his two companies operating in Brooklyn and Great Western will pay more than \$45,000 in fines and costs after charges that they failed to comply with a host of regulatory notices and deposit of industrial waste by burning were proven. Nicholas Limbourne was found to have illegally deposited industrial waste by

\$25,000 EPA fine over exposed asbestos

11 April 2024

A man who left 150kgs of industrial waste containing asbestos exposed on a Spotswood demolition site in violation of Environment Protection Regulations has been fined \$25,000 by a Broadmeadows magistrate.

All Bonikoff who runs Image Demolition, was fined as he spilled litres of dangerous chemicals by crushing plastic drums with earth digging equipment, onto a demolition site in Watt Street, Spotswood and left the asbestos open on the ground.



EPA VIC | BCRG – 19 June 2024

Odour Guidance for Businesses

How to Assess Odour Risk:

Publication 1883: Guidance for assessing odour

<https://www.epa.vic.gov.au/about-epa/publications/1883>

Detail on odour controls:

<https://www.epa.vic.gov.au/for-business/find-a-topic/odour/advice-for-businesses/control-details>

It's important to have the right controls and have a documented system for checking those controls.



EPA VIC | BCRG – 19 June 2024



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