

PAEC Inquiry into vaping and tobacco controls

Response to questions on notice – EPA Victoria.

EPA Victoria was asked to provide additional information to support questions taken on notice during the hearings on Monday July 15, 2024.

The inquiry panel requested additional information on:

1. The references to travel distance in time to e-waste facilities set up to support the e-waste ban from landfill.
2. The location of e-waste facilities, particularly those that took vapes.
3. What proportion of vaping products are disposed of in the correct way out of the overall product that comes into the state?

Below is information to address each of these questions.

The references to distance in time to e-waste facilities set up to support the e-waste ban from landfill

To support the e-waste ban to landfill, transfer stations across Victoria were funded to upgrade collection sites for e-waste. The location of the upgrades was to bring e-waste collection facilities to within 30 minutes of 98% of Victorians in regional areas.

Sustainability Victoria administered grants to 76 local government areas to support e-waste collection, the formal announcement of the drop-off network can be found at:

<https://www.premier.vic.gov.au/recycling-more-e-waste-and-keeping-it-out-landfill>

The location of e-waste facilities, particularly those that took vapes.

E-waste is defined broadly as anything with a plug or a battery. Due to the inclusion of a lithium-ion battery, vapes are generally considered a form of e-waste. Table 1 contains a list of transfer stations that accept e-waste from residents. E-waste collection is often made available without fee to local residents, however, some are known to charge fees at the gate for e-waste drop off.

Depending on the arrangements with the e-waste processing facility, some transfer stations may not be able to accept vapes. EPA Victoria does not hold data regarding the exclusion of vapes at resource recovery facilities or transfer stations.

The list of facilities does not include small scale battery drop off locations generally run by B-cycle for loose batteries. At the time of writing, B-cycle was unable to take embedded batteries such as those in

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vapes as the stewardship arrangements did not extend beyond the major manufacturers of products using detachable batteries.

Each transfer station may alter service arrangements depending on availability. Recycling Victoria provides a map of facilities across the state, which can be found at the following web address [Victoria's waste and resource recovery infrastructure map | vic.gov.au \(www.vic.gov.au\)](http://www.vic.gov.au)

Additional information on e-waste disposal and locations can be found at:

- Business e-waste recycling - [Business e-waste recyclers | Sustainability Victoria](#)
- Planet Ark also offer drop off points in addition to council services.
<http://recyclingnearyou.com.au/vapes>

What proportion of vaping products are disposed of in the correct way out of the overall product that comes into the state?

Contamination in materials sent for recycling are generally expressed as an overall rate and does not breakdown to individual items such as vapes. EPA Victoria has not been able to source specific reliable data relating to incorrect disposal of vapes.

EPA officers inspect waste facilities and discuss issues such as contamination with facility operators. The photos below taken by EPA officers show some of the contamination found at waste premises. Fig.2 is a good example of the incorrect disposal of vapes at a facility designed to manage organic waste and not e-waste.

Fig 1. Shows a damaged battery from a vape not separated from standard e-waste processing



Fig 2. Is an example of vapes recovered from a composting facility that accepts food organics and garden organics (FOGO) from municipal kerbside collection. The contents of the drum highlight the number of vapes removed from organic waste in just a few weeks



Table 1 List of transfer stations (facilities known not to accept e-waste have been removed).

LGA	Facility Name	Address
Alpine	Mount Beauty Transfer Station and Recycling Centre	21 Maddisons Lane
Alpine	Myrtleford Transfer Station	6 Morrisons Lane
Alpine	Porepunkah Transfer Station and Recycling Centre	Tip Road
Ararat	Ararat Resource Recovery Centre	22 Surface Hill Road
Ararat	Elmhurst Resource Recovery Centre	Mckay Street
Ararat	Lake Bolac Resource Recovery Centre	230 Graham Road
Ararat	Moyston Resource Recovery Centre	Rubbish Tip Road
Ararat	Pomonal Resource Recovery Centre	Pomonal East Road
Ararat	Streatham Resource Recovery Centre	Nerrin-Nerrin Floodway Road
Ararat	Tatyoan Resource Recovery Centre	Camp Road (Off Porters Bridge Road)
Ararat	Willaura Resource Recovery Centre	460 Wickcliffe - Willaura Road
Ballarat	Ballarat Transfer Station	119 Gillies Street
Banyule	Banyule Waste Recovery Centre	Corner Waterdale Road and Banksia Street
Bass Coast	Cowes Recycling Bank	Cnr Settlement Road and Dunsmore Road
Bass Coast	Grantville Landfill and Transfer Station	1685 Bass Highway
Bass Coast	Inverloch Transfer Station	Old Ford Road
Bass Coast	Wonthaggi Transfer Station	180 Cameron Street
Baw Baw	Drouin Waste Recyclers	81 Weerong Road
Baw Baw	Erica Transfer Station	Mathiesons Road
Baw Baw	Lardner Transfer Station	Simpson Road North
Baw Baw	Neerim South Transfer Station	Neerim East Road
Baw Baw	Trafalgar Transfer Station	200 Giles Road
Bayside	CopperRock Bayside Waste & Recycling Centre	144 Talinga Road
Benalla	Benalla Resource Recovery Centre	90 Old Farnley Road
Boroondara	Boroondara Recycling and Waste Centre	648 Riversdale Road
Brimbank	Brimbank Resource Recovery Centre	Stadium Drive
Brimbank	Cleanaway Brooklyn Resource Recovery Centre	174 Old Geelong Road
Buloke	Birchip Resource Recovery Centre	2094 Birchip-Corack Road
Buloke	Charlton Transfer Station	212 Charlton St Arnaud Road
Buloke	Donald Resource Recovery Centre	2006 Depot Road
Buloke	Sea Lake Transfer Station	Robinvale-Sea Lake Road
Buloke	Watchem Transfer Station	40 Morton Street
Buloke	Wycheproof Transfer Station	281 Mackies Road Wycheproof
Campaspe	Colbinabbin Resource Recovery Centre	89 Cemetery Road
Campaspe	Echuca Resource Recovery Centre	510 McKenzie Road
Campaspe	Gunbower Resource Recovery Centre	4134 Murray Valley Highway

Campaspe	Kyabram - Mt Scobie Resource Recovery Centre	479 Everard Road
Campaspe	Lockington Resource Recovery Centre	1671 O'Donnell Road (corner Keane Road)
Campaspe	Rochester Resource Recovery Centre	139 High Street
Campaspe	Rushworth Resource Recovery Centre	186 Nine Mile Road
Campaspe	Toolleen Resource Recovery Centre	22 Cornella Toolleen Road
Cardinia	Future Recycling Transfer Station	30-32 Exchange drive
Casey	Future Recycling Hallam (Waste Transfer Station)	57-61 Star Cres
Casey	Hampton Park Resource Recovery Park - Outlook Environmental Public Drop-off Transfer Station	274 Hallam Road
Central Goldfields	Bealiba Transfer Station	48 White Hills Road
Central Goldfields	Dunolly Transfer Station	1656 Maryborough Dunolly Road
Central Goldfields	Talbot Transfer Station	41 Rocky Flat Road
Colac Otway	Alvie Resource Recovery Centre	977 Corangamite Lake Road
Colac Otway	Apollo Bay Resource Recovery Centre	10-18 Arthur Court
Colac Otway	Birregurra Resource Recovery Centre	75 Scouller Street
Colac Otway	Western Waste Management	11-27 Marriner Street
Corangamite	Corangamite Resource Recovery Centre	605 County Boundary Road
Corangamite	Derrinallum Transfer Station	240 Heards Road
Corangamite	Port Campbell Transfer Station	57 McRae Street
Corangamite	Simpson Transfer Station	150 Princetown Road
Corangamite	Skipton Transfer Station	98 Beaufort Road
Corangamite	Timboon Transfer Station	5 Timboon-Curdies River Road
Darebin	Darebin Resource Recovery Centre	30 Kurnai Avenue
East Gippsland	Bairnsdale Resource Recovery Centre	200 Johnstons Rd
East Gippsland	Bemm River Transfer Station	2 Alans Track
East Gippsland	Bonang Transfer Station	9053 Bonang Road
East Gippsland	Bruthen Transfer Station	109 Great Alpine Road
East Gippsland	Buchan Recycling & Recovery Transfer Centre	2337 Bruthen - Buchan Road
East Gippsland	Lakes Entrance Transfer Station	5 Thorpes Lane
East Gippsland	Lindenow South Transfer Station	90 Snobbs Road
East Gippsland	Mallacoota Transfer Station	Betka Road
East Gippsland	Marlo Transfer Station	99 Curlip Drive
East Gippsland	Metung Transfer Station	130 Rosherville Road
East Gippsland	Omeo Transfer Station	18 Margetts Street
East Gippsland	Orbost Transfer Station	351 Bonang Road
East Gippsland	Swifts Creek Transfer Station	237 Cassilis Road
East Gippsland	Wairewa Transfer Station	Carl Smith Road
Frankston	Frankston Regional Recycling and Recovery Centre	20 Harold Road
Gannawarra	Cohuna Transfer Station	Chuggs Road
Gannawarra	Kerang Transfer Station	Kerang-Murrabit Road

Gannawarra	Lalbert Transfer Station	Wood Avenue
Gannawarra	Quambatook Transfer Station	Meering Road
Glenelg	Casteron Landfill & Transfer Station	291 Bahgallah Road
Glenelg	Dartmoor Resource Recovery Centre	209 Bowds Lane
Glenelg	Heywood Transfer Station	400-376 Catons Flat Road
Glenelg	Jarrad's Road Resource Recovery Centre	Jarrads Road
Glenelg	Nelson Resource Recovery Centre	162 North Nelson Road
Glenelg	Portland Landfill and Transfer Station	210 Cape Nelson Road
Golden Plains	Rokewood Transfer Station	141 Meadows Road
Greater Bendigo	Eaglehawk Recovery & Sales Yard	191-193 Upper California Gully Road
Greater Bendigo	Goornong Transfer Station	55-59 Englishs Rd
Greater Bendigo	Heathcote Transfer Station	61 Golden Gully Road
Greater Bendigo	Strathfieldsaye Transfer Station	998 Wellington Street
Greater Geelong	Drysdale Resource Recovery Centre	82-180 Becks Road
Greater Geelong	North Geelong Resource Recovery Centre and Transfer Station	100 Duoro Street
Greater Shepparton	Ardmona Resource Recovery Centre	770 Turnbull Road
Greater Shepparton	Murchison Resource Recovery Centre	15 Cassidy Road
Greater Shepparton	Shepparton Resource Recovery Centre	125 Wanganui Road
Hepburn	Creswick Transfer Station	Ring Road
Hepburn	Daylesford Transfer Station and Landfill	16 Ajax Road
Hepburn	Trentham Transfer Station	Cosmo Road (145 Blackwood Road)
Hindmarsh	Dimboola Transfer Station	High Street, Dimboola Warracknabeal Road
Hindmarsh	Jeparit Transfer Station	Jeparit East Road
Hindmarsh	Nhill Transfer Station	Nhill-Netherby Road
Hindmarsh	Rainbow Transfer Station	Off Rainbow-Nhill Road
Hobsons Bay	Altona Transfer Station	30 Baldwin Road
Horsham	Horsham Transfer Station & Resource Recovery Centre	93 Kenny Road
Horsham	Mount Zero Transfer Station	Wonwondah-Dadswells Bridge Road
Horsham	Quantong Transfer Station	497 Lanes Avenue
Horsham	Toolondo Transfer Station	Telangatuk East Rocklands Road
Horsham	Wastebusters Recycling	44 Golf Course Road
Hume	Bolinda Road Resource Recovery Centre	1-71 Bolinda Road
Hume	Eco1 Waste Recycle Centre	75 Maygar Boulevard
Hume	Sunbury Landfill & Resource Recovery Centre	515 Riddell Road

Indigo	Beechworth Transfer Station	1620 Diffey Road
Indigo	Rutherglen Transfer Station	53 Cornishtown Road
Kingston	Cleanaway Clayton South Resource Recovery Centre	Deals Road & Fraser Road
Kingston	Kartaway Bin and Skip Hire	12-14 Tarnard Drive
Kingston	Kingston Waste Transfer Station	24-30 Fonceca Street
Knox	Knox Transfer Station	251 George Street
Latrobe	Latrobe Valley Enterprises	547 Princes Drive
Latrobe	Moe Transfer Station	280 Haunted Hills
Latrobe	Morwell Transfer Station	73 Porter's Road
Latrobe	The DocShop	6/16 Rocla Road
Latrobe	Traralgon Transfer Station	1 Liddiard Road
Latrobe	Yinnar Transfer Station	260 Whitelaws Track
Loddon	Boort landfill and recycle	Off Boort-Quambatook Road
Loddon	Dingee Transfer Station	Lawry's Road
Loddon	Inglewood Transfer Station	Inglewood-Salisbury Road
Loddon	Newbridge landfill and recycle	Ryan Street
Loddon	Pyramid Hill Landfill and recycle	Ballast Road
Loddon	Wedderburn Transfer Station	Godfrey Street
Macedon Ranges	Kyneton Transfer Station	140 Redesdale Road
Macedon Ranges	Romsey Transfer Station	21 Johnston Court
Macedon Ranges	Woodend Transfer Station	149 Quarry Road
Mansfield	Mansfield Resource Recovery Centre	163 Monkey Gully Road
Maroondah	Eastern Recycling & Waste Transfer Station	22 Palmerstown Road West
Melbourne	Citywide Transfer Station and Resource Recovery Centre	437 Dynon Road
Melton	Melton Recycling Facility	33 Ferris Road
Mildura	Cullulleraine Transfer Station	Sturt Highway
Mildura	Mildura Resource Recovery Centre	Ontario Avenue
Mildura	Murrayville Transfer Station	Recreation Road
Mildura	Nangiloc Transfer Station	Castle Crossing Road
Mildura	Ouyen Resource Recovery Centre	Dunkley Road
Mildura	Underbool Transfer Station	Cemetery Road
Mildura	Walpeup Transfer Station	Murphy Road
Mildura	Werrimull Transfer Station	King Street
Mitchell	Broadford Resource Recovery Centre	315 Mia Mia Road
Mitchell	Pyalong Resource Recovery Centre	Ladderhill Road
Mitchell	Seymour Resource Recovery Centre	470 Seymour-Tooborac Road
Mitchell	Wallan Resource Recovery Centre	4-5 Freeway Drive
Moira	Cobram Resource Recovery Centre	56 Pye Road
Moira	Nathalia Resource Recovery Centre	26 Balls Road
Moira	Numurkah Transfer Station	367 Naring Road
Moira	Yarrawonga Resource Recovery Centre	81 Channel Road

Monash	Monash Waste Transfer & Recycling Station	380 Ferntree Gully Road
Moonee Valley	Moonee Valley Transfer Station	188 Holmes Road
Moorabool	Bacchus Marsh Transfer Station	15 Kennedy Place and 50 Osborne Street
Moorabool	Ballan Transfer Station	118 Monteville Lane
Moorabool	Mount Egerton Transfer Station	Corner Ballan-Egerton Road & Yendon-Egerton Road
Moorabool	Western Region Waste & Recycling Centre	8 Rowsley Station Road
Moreland	Coburg Transfer Station	172 Newlands Road
Moreland	East Brunswick Transfer Station	32 Kirkdale Street
Mornington Peninsula	Mornington Outlook Recovery Centre	337 Racecourse Road
Mornington Peninsula	Mornington Resource Recovery Centre	134 Watt Road
Mornington Peninsula	Rye Landfill & Resource Recovery Centre	280 Trueman Road
Mornington Peninsula	Tyabb Resource Recovery Centre	21 Mckirdys Road
Mount Alexander	Castlemaine Resource Recovery Centre	Sluicers Road
Mount Alexander	Maldon Transfer Station	Morris Street
Mount Buller Alpine Resort	Mount Buller Transfer Station	Boggy Corner
Moyne	Caramut Waste Facility	Sawmill Road
Moyne	Hawkesdale Waste Facility	116 Baird Street
Moyne	Killarney Resource Recovery Centre	300-400 Broderick Road
Moyne	Macarthur Waste Facility	Myamym - Macarthur Road
Moyne	Mortlake Resource Recovery Centre	Connewarren Lane
Moyne	Peterborough Resource Recovery Centre	MacGillivray Road
Moyne	Woolsthorpe Transfer Station & Resource Recovery	Mt Taurus Road
Moyne	Woorndoo Waste Facility	Cameron Street
Murrindindi	Kinglake Resource Recovery Centre	205 Watsons Road
Murrindindi	Yea Resource Recovery Centre	617 Ghin Ghin Road
Murrindini	Alexandra Resource Recovery Centre	119 Mt Pleasant Road
Nillumbik	Nillumbik Recycling Centre	290 Yan Yean Road
Northern Grampians	Halls Gap Transfer Station	4300 Ararat-Halls Gap Road
Northern Grampians	St Arnaud Transfer Station	329 Old Wedderburn Road
Northern Grampians	Stawell Transfer Station	36 Lavett Road
Port Phillip	Port Phillip Resource Recovery Centre	78 White Street
Pyrenees	Avoca Transfer Station	82 Russell Street
Pyrenees	Beaufort Transfer Station	2 Tip Road
Pyrenees	Snake Valley Transfer Station	298 Snake Valley-Morchup Road

South Gippsland	Foster Transfer Station	South Gippsland Hwy
South Gippsland	Korumburra Transfer Station	Silkstone Road
South Gippsland	Mirboo North Transfer Station	15 Railway Road
South Gippsland	Venus Bay Transfer Station	Corner Canterbury Road and No 3 Beach Road
South Gippsland	Walkerville Transfer Station	Fish Creek Road
Southern Grampians	Balmoral Resource Recovery Centre	55 Horsham Road
Southern Grampians	Branxholme Transfer Station	92 Branxholme-Byaduk Road
Southern Grampians	Cavendish Transfer Station	2478 Henty Highway
Southern Grampians	Coleraine Resource Recovery Centre	42 Robertson Street
Southern Grampians	Dunkeld Resource Recovery Centre	7 Bellicourt Road
Southern Grampians	Glenthompson Resource Recovery Centre	Corner of Glenthompson Stock Route and Boundary Road
Southern Grampians	Hamilton Resource Recovery Centre	68 Elijah Street
Southern Grampians	Penshurst Transfer Station	5408 Hamilton Highway
Stonnington	Stonnington Waste Transfer Station	43 Weir Street
Strathbogie	Avenel Resource Recovery Centre	145 Monea Road
Strathbogie	Euroa Resource Recovery Centre	46 Euroa Tip Road
Strathbogie	Graytown Resource Recovery Centre	1487 South Costerfield - Graytown Road
Strathbogie	Longwood Resource Recovery Centre	85 Maxfield Street
Strathbogie	Nagambie Resource Recovery Centre	854 McDonalds Road
Strathbogie	Ruffy Resource Recovery Centre	2 Red Gate Lane
Strathbogie	Violet Town Resource Recovery Centre	190 McDiarmids Road
Surf Coast	Anglesea Resource Recovery Centre	50 Coalmine Road
Surf Coast	Lorne Transfer Station	370 Erskine Falls Road
Surf Coast	Winchelsea Resource Recovery Centre	55 Cressy Road
Swan Hill	Manangatang Transfer Station	126 Moondah Road
Swan Hill	Piangil Transfer Station	246 Hayward Road
Swan Hill	Robinvale Resource Recovery Centre	899 Robinvale – Sealake Rd
Swan Hill	Swan Hill Big Green Shed	6859 Swan Hill-Sea Lake Road
Swan Hill	Ultima Transfer Station	4330 Sea Lake Road
Towong	Corryong Resource Recovery Centre and Landfill	Sugarloaf Road
Towong	Tallangatta Resource Recovery Centre	Hardys Road
Wangaratta	Eldorado Transfer Station	3 Woolshed Road
Wangaratta	Markwood Transfer Station	145 Forest Lane

Wangaratta	Moyhu Transfer Station	569 Boggy Creek Road
Wangaratta	Wangaratta Transfer Station	45-65 Sandford Road
Warrnambool	Barton's Waste Transfer Station	20 Harrington Road
Warrnambool	Westvic Waste & Recycling	3 Hammond Place
Wellington	Dargo Transfer Station	Kings Street
Wellington	Heyfield Transfer Station	Rifle Range Road
Wellington	Loch Sport Transfer Station	22 Progress Road
Wellington	Maffra Resource Recopvery Centre	Sellings Rd
Wellington	Seaspray Transfer Station	34 Tip Road
Wellington	Stratford Transfer Station	Wyndham Street
Wellington	Yarram Transfer Station	Hyland Way
West Wimmera	Apsley Transfer Station	Apsley-Casterton Road
West Wimmera	Chetwynd Transfer Station	Chetwynd-Cemetary Road
West Wimmera	Dergholm Transfer Station	Quinn Road
West Wimmera	Edenhope Transfer Station	70 Moss Street
West Wimmera	Goroke Transfer Station	Kylie Street
West Wimmera	Harrow Transfer Station	Off Nhill-Harrow Road
West Wimmera	Kaniva Transfer Station	South Lillimur Road
Whitehorse	Whitehorse Recycling & Waste Centre	Corner Burwood Highway & Morack Road
Whittlesea	Wollert Transfer Station	55 Bridge Inn Road
Wodonga	Wodonga Waste Transfer Station	29 Kane Road
Wyndham	Veolia Werribee Transfer Station	470 Wests Road
Wyndham	Wyndham Refuse Disposal Facility	470 Wests Road
Yarra	Yarra Recycling Centre	168 Roseneath Street
Yarra Ranges	Cleanaway Lysterfield Resource Recovery Centre	840 Wellington Road
Yarra Ranges	Coldstream Recycling & Waste Transfer Station	Corner Ingram Road & Leonard Road
Yarra Ranges	Montrose Transfer Station	69-71 Canterbury Road
Yarra Ranges	Wesburn Recycling and Waste Transfer Centre	689 Old Warburton Road
Yarriambiack	Beulah Landfill	28 Beulah Tip Road
Yarriambiack	Hopetoun Transfer Station	8 Tip Road
Yarriambiack	Minyip Transfer Station	332 Minyip-Rich Avon Road
Yarriambiack	Murtoa Transfer Station & Resource Recovery Centre	1281 Wimmera Highway
Yarriambiack	Patchewollock Transfer Station	38 Patchewollock Tip Road
Yarriambiack	Rupanyup Transfer Station	141 Frayne Ave
Yarriambiack	Tempy Landfill and Resource Recovery Centre	3270 Sunraysia Highway
Yarriambiack	Warracknabeal Transfer Station	108 Tip Road
Yarriambiack	Woomelang Transfer Station	121 Church Street
Yarriambiack	Yaapeet Transfer Station	599 Rainbow-Yaapeet Road