



LOTSEARCH

Spatial Intelligence | Mapping Risk



AEBN Contaminated Land Webinar

Understanding the New laws and the impacts

**Helping to identify environmental risk using spatial intelligence
and industry leading reporting solutions**

Howard Waldron

Founding Director

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1. **Lotsearch Company Background**
2. **Known Contamination**
 - **Public Registers**
 - **Why Registers are important**
 - **Mapping of Registers**
3. **Potential Contamination**
 - **Sources of Potential Contamination**
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LOTSEARCH REFERENCE
Reg Sample 006

DATE OF REPORT
20 Jan 2020 15:18:37

CLIENT ID

ADDRESS
6-8 Claremont Street, South Yarra,
3141

LAND AREA
1040m²

COUNCIL
Stonnington City Council



LOTSEARCH
ENVIRONMENTAL

LOT/PLAN
Lot 1 TP384789

Disclaimer:
The purpose of this report is to provide an overview of some of the site history and environmental risk information available, affecting the site as defined by the boundary shown on the site aerial plan (page 3) and maps within this report.
You understand that Lotsearch has defined the site by reference to lot and plan information supplied in the order form rather than any address supplied in the order form.
You accept that Lotsearch may omit some of the lot and plan information supplied in the order form to identify the relevant site for the report.
The report is not a substitute for an on-site inspection or review of other available reports and records.
This report is not intended to be, and should not be taken to be, a rating or assessment of the desirability or market value of the property or its features.
You should obtain independent advice before you make any decision based on the information within the report.
The detailed terms applicable to the use of this report are set out at the end of this report.
Whilst Lotsearch believes Third Party Content to be reliable and has made every effort to map data from the Third Party Content in this report as accurately as possible, some feature boundaries have been inferred from Third Party Content.

Lotsearch Pty Ltd ABN 89 600 168 018

“Australia’s trusted source of land and property information, aiding industry experts to identify potential environmental risks.”

Founded: 2014

Vision: To build a more environmentally aware Australia

Mission: Pioneers of best in class environmental information and insight

Comprehensive: We have built the largest database in Australia with over 1,000 environmental datasets

Products: We offer nationwide searches including contaminated land and natural hazards e.g. bushfire risk

Quality: Our industry leading reporting solutions are used and relied upon by the legal sector

Capabilities: We have built a customised suite of reports designed specifically for lawyers and conveyancers

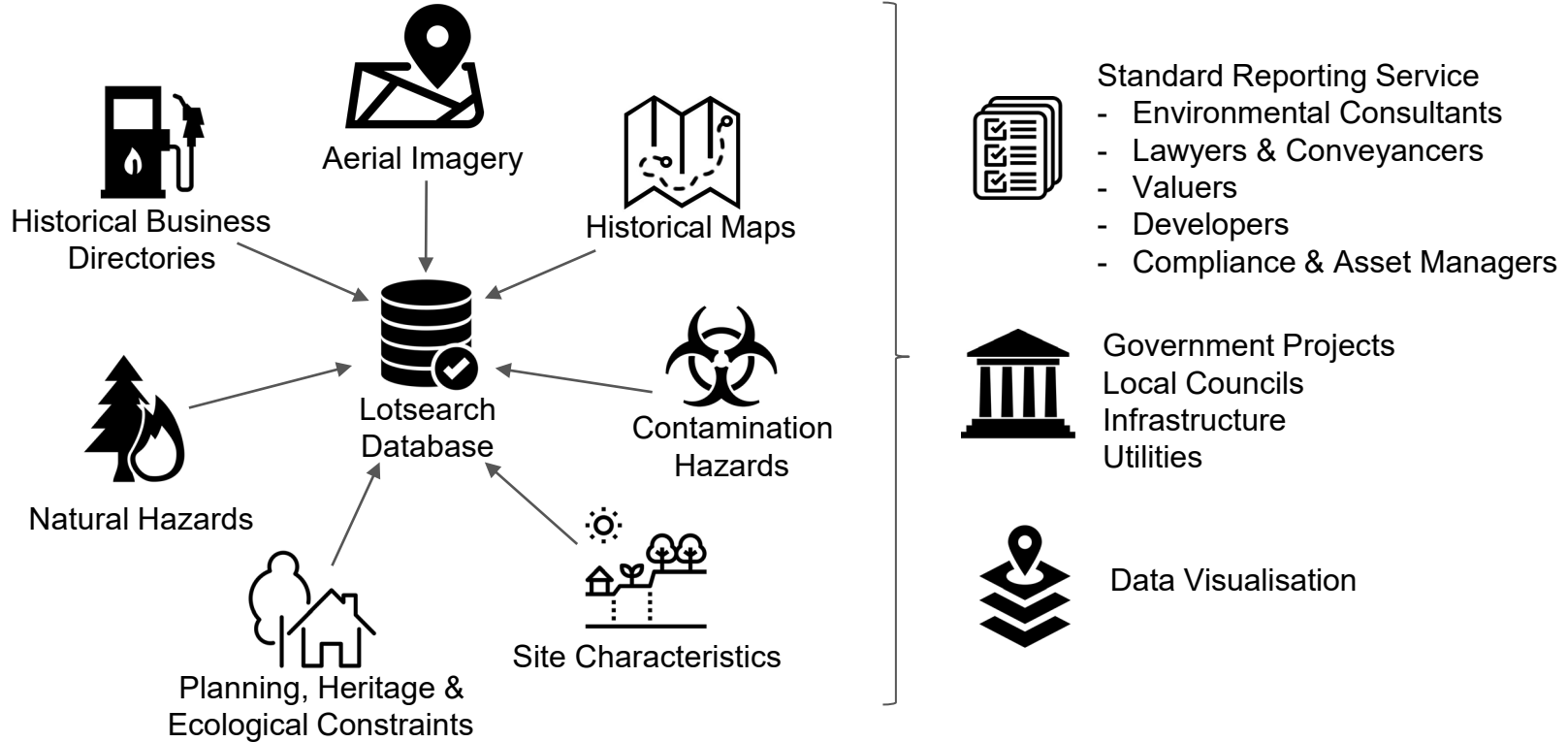
Technology: Our products are integrated into the Property Enquiries Section of the TriSearch Platform

We include hazard alerts to help clients understand if there may be a potential risk

Service: Our products are delivered automatically and we have a dedicated support team available



The Leading Provider of Environmental Risk Reporting Across Australia



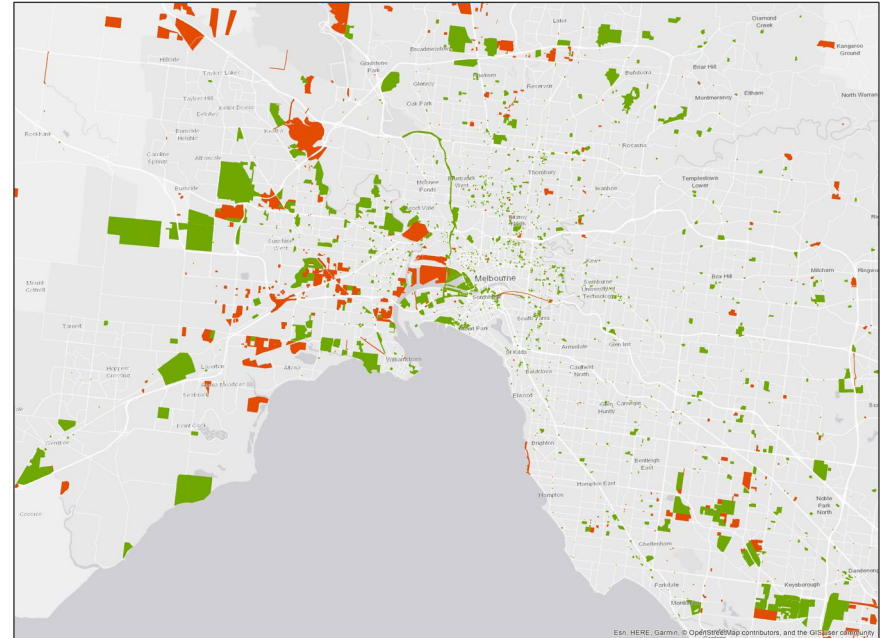
'Known' Contamination

Records related to contaminated land, held by state environmental regulators and selected federal government agencies on publicly available registers.

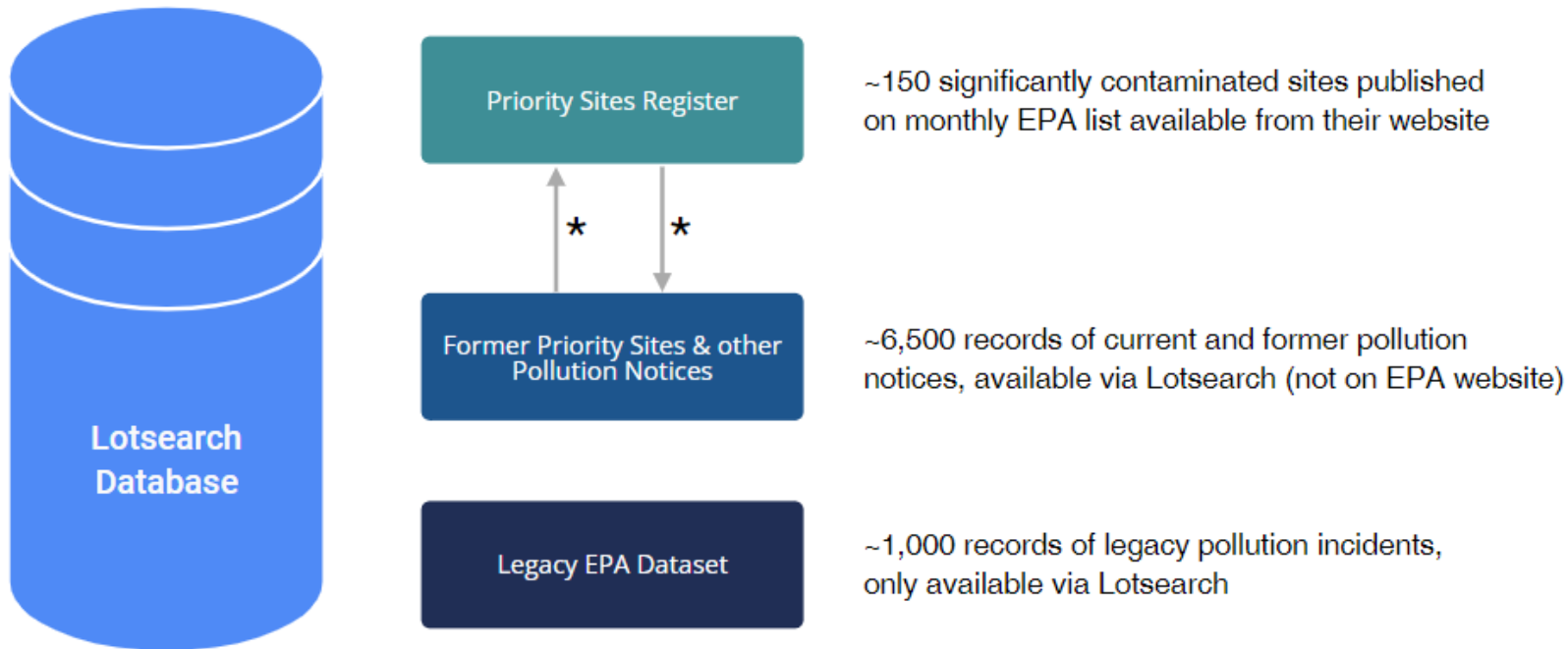


Regulatory Data & Public Registers

- Some datasets are supplied by government agencies as spatial data files.
 - 'Plug and play'
 - Series of checks for spatial accuracy and ensure the data is fit for purpose.
 - Query back to data custodian if errors are found.
- Most datasets are mapped by Lotsearch.
 - Supplied lot/plan numbers, street address, or lat/long co-ordinates are geocoded to polygon boundaries.
 - Contradictory or erroneous records are queried back to data custodian.
- Sources can be local, state or federal government.



EPA VIC Pollution Notices, Priority Sites, and Audits (~4300 sites in Melbourne region)



* Movement between these lists as more is known about severity of contamination or companies comply with management or clean up orders

Public Register Name
EPA Priority Sites
EPA Site Management Orders
EPA Register of Permissions
Legacy EPA Licensed Activities
Legacy EPA Works Approvals
Legacy EPA Prescribed Industrial Waste
EPA Preliminary Risk Screening Assessments
EPA Environmental Audit Reports
Planning Scheme Overlay - Environmental Audits
EPA PFAS Site Investigations
Defence 3 Year Regional Contamination Investigation Program
Airservices Australia National PFAS Management Program
Defence PFAS Investigation & Management Program - Investigation Sites
Defence PFAS Investigation & Management Program - Management Sites
Former EPA Priority Sites & Other Remedial Notices
EPA Groundwater Zones with Restricted Uses
EPA Victorian Landfill Register



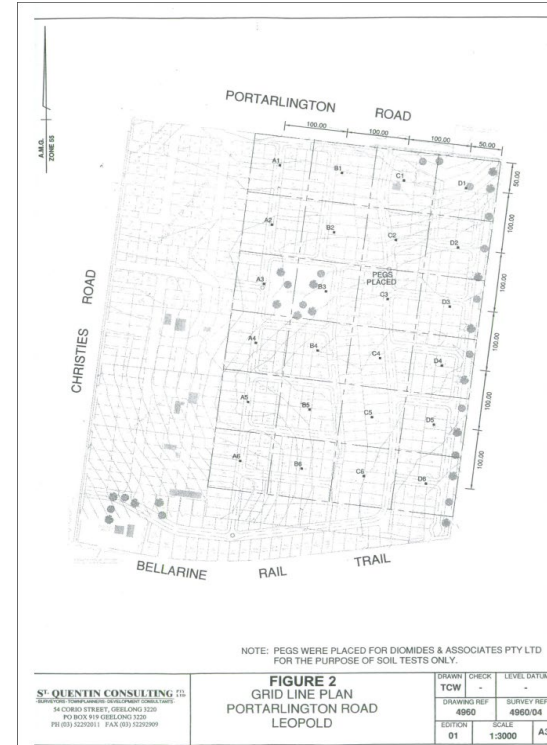
Why the other registers are important?

The Lotsearch report searches 16 other registers, including:

1. An additional 7,500 records affected by pollution notices
2. Properties which have on-going management orders for controlling contamination
3. Over 8,000 regulated properties where potentially contaminating activities are undertaken
4. Over 8,000 records on landfills and waste sites in Victoria
5. Over 6,000 sites where environmental audits have been undertaken
6. PFAS Investigation areas - new contaminant of concern & forever chemicals
7. Contamination investigations on land outside the EPA jurisdiction e.g. Defence land & Airports
8. Areas where Groundwater use is restricted due to contamination
9. Properties that would require (expensive) environmental audits if a development is undertaken



Mapping Registers (Victoria)



Environmental Audit Record (55950-1)

Orange Point (Environmental Audit Record mapped by VIC EPA & Displayed on Victoria Unearthed)
 Orange Rectangle (Environmental Audit Record mapped by Lotsearch)

Lotsearch EPA Priority Sites Register Plus+



LOTSEARCH REFERENCE
LS018029 ER

REPORT DATE
25 Jul 2023 17:54:51

ADDRESS
64 Newlands Road, Reservoir, VIC 3073

Environmental Risk - Contaminated Land

1. Contaminated Land Registers ⚠️

Records Identified

State environmental regulators have registers of known or notified contaminated land. These sites are typically those that pose the greatest environmental risk, and will often be actively managed, regulated or remediated.

2. Regulated Activities ⚠️

Records Identified

State regulators issue environmental licences, permits or authorisations to owners or operators that undertake activities with a potential risk to human health or the environment. Conditions on these licences can relate to pollution prevention, control, and monitoring.

3. Contamination Investigations

No Records Identified

Government departments may undertake or enforce investigations into specific or suspected contamination issues. For example, investigation or management programs may be undertaken at airports or defence sites suspected of PFAS contamination. Further information on PFAS can be accessed [here](#).

4. Other Contamination Issues

No Records Identified

Government registers can identify other contamination issues. These registers can include but are not limited to pollution, penalty or clean up notices, and records that indicate restrictions on the use of groundwater.

HOW THIS REPORT HELPS

- Be informed of potential contamination issues - this search simplifies access to multiple government information sources
- Contamination risk is an important consideration in land use planning, development matters and property valuations and transactions
- Delays and clean-up costs from land contamination can be high - be prepared with early information that supports your due diligence
- Be aware of potential problems from neighbouring properties - contamination ignores property boundaries

WHAT NEXT?

This information in this report is only part of the picture. Other records are held by government agencies, councils and Lotsearch.

- Visit our website or contact our support team to access more Lotsearch products & additional government searches
- Contact an environmental consultant for additional advisory services. Consultants are listed by industry bodies **ALGA**, **ACTICA** & **EMANZ**.



LOTSEARCH REFERENCE
LS018029 ER

REPORT DATE
25 Jul 2023 17:54:51

ADDRESS
64 Newlands Road, Reservoir, VIC 3073

Search Results

The following table contains records that were identified specifically for your property, or areas or features covering your property:

Map ID	Record Type	Category (Page 2)	Name	Location	Activity	Further Info	Status	Reference
No records for your property were identified								

The following table contains records that were identified in the surrounding search area (100m):

Map ID	Record Type	Category (Page 2)	Name	Location	Activity	Further Info	Status	Reference
1	Pollution or Remedial Notice	4	TRANSGLOBAL GROUP PTY LTD	9 Melus CT, RESERVOIR		Liter Abatement Notice	Previous Pollution Notice	90001692
2	Pollution or Remedial Notice	4	UNIVERSITY MEAT SUPPLY P/L	LOT #7 NEWLANDS RD, RESERVOIR	Former Landfill Requires ongoing management.	IS24(1)	Legacy EPA Database Pollution Notice	N01357
	Pollution or Remedial Notice	4	UNIVERSITY MEAT SUPPLY PTY LTD (RESERVOIR)	38 Newlands Road (formerly Lot 57 Newlands Rd) which includes 34, near 38, RESERVOIR	Former Landfill Requires ongoing management.	Previous Priority Notice, Post-Closure Pollution Abatement Notice	Previous Priority Notice	90000508
3	Contaminated Land Priority Site	1		5/3 Newlands Road Reservoir 3073, Reservoir	Former Landfill Requires ongoing management		Current EPA List	3078
	Pollution or Remedial Notice	4		5/3 Newlands Road Reservoir 3073, Reservoir	Former Landfill		Previous Priority Notice	EAN-00000378
4	Pollution or Remedial Notice	4		2/3a Newlands Road, Reservoir, Victoria, 3073, Australia, Reservoir	Former Landfill		Previous Priority Notice	EAN-00002536-2
	Pollution or Remedial Notice	4		2/3a Newlands Road, Reservoir, Victoria, 3073, Australia, Reservoir	Former Landfill Requires assessment and/or clean up		Previous Priority Notice	EAN-00002536-1
	Pollution or Remedial Notice	4		2/3a Newlands Road, Reservoir, Victoria, 3073, Australia, RESERVOIR	Former Landfill		Previous Priority Notice	EAN-00002536
5	Environmental Audit Report	3		76-82 & 84 NEWLANDS ROAD, 110-114 & 116-118 THEINITY ST AND 8 & 13 MILLAR ST, RESERVOIR		Document Link	53X Statement	8002066



Site Map

64 Newlands Road, Reservoir, VIC 3073

LOTSEARCH REFERENCE
LS018029 ER

REPORT DATE
25 Jul 2023



LEGEND

- Site Boundary
- Search Area
- Search Results

Data Source Aerial Imagery: © Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS UserCommunity

Price: \$95 | Delivery: Within 1 Business Day

Contains: key information from publicly available government registers to identify contaminated land & groundwater
Easier to identify records as they are included on a map with links to key documents (where available)!

Potential Contamination

Potentially contaminated land is land where a known past or present activity or event occurring on or off the land may have caused contamination on the land.

Definition from VIC Planning Practice Note: PPN30

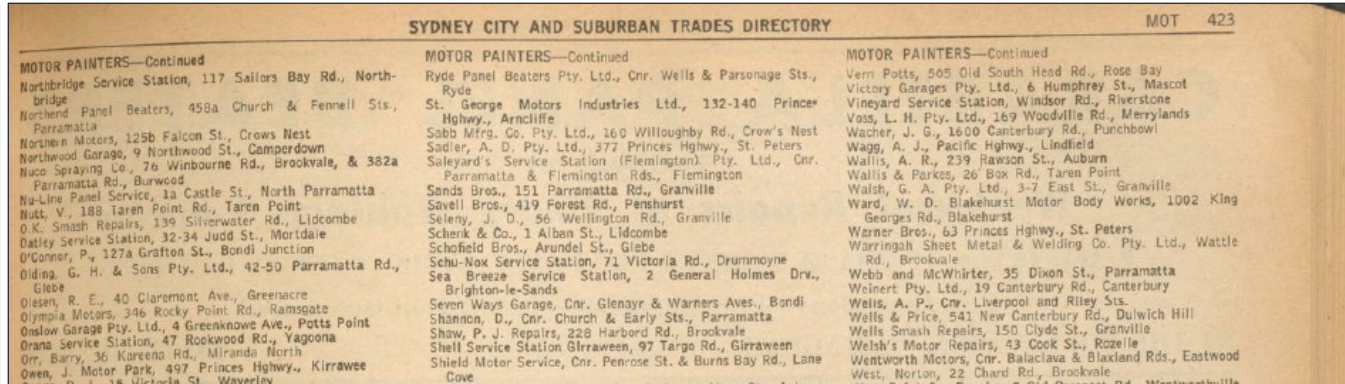
Common Sources of Contamination

- abattoir
- abrasive blasting
- airport
- asbestos production/disposal
- asphalt manufacturing
- automotive repair/engine works
- battery manufacturing/recycling
- bitumen manufacturing
- boat building/maintenance
- breweries/distilleries
- brickworks
- cement manufacture
- ceramic works
- chemical manufacturing/storage/blending
- chemical treatment/destruction facilities
- coke works
- compost manufacturing
- concrete batching
- council works depot
- defence works
- drum re-conditioning facility
- dry cleaning
- electrical/electrical components manufacture
- electricity generation/power station
- electroplating
- explosives industry
- fertiliser manufacture or storage
- fibreglass reinforced plastic manufacture
- fill sites
- firefighting or training (use of foams)
- foundry
- fuel storage depot
- gasworks
- glass manufacture
- historical goldmining activities
- iron and steel works
- landfill sites/waste depots
- lime works
- materials recycling and transfer stations
- mass animal burial on agricultural sites
- metal coating / electroplating
- metal finishing and treatments
- metal smelting/refining/finishing
- mining and extractive industries
- oil or gas production/refining
- pest control depots
- printing shops
- pulp or paper works
- railway yards
- scrap metal recovery
- service stations/fuel storage
- sewage treatment plant
- ship building/breaking yards
- shipping facilities – bulk (rate <100 t/day)
- shooting or gun clubs
- stock dipping sites
- tannery (and associated trades)
- textile operations
- timber preserving/treatment
- tyre manufacturing
- underground storage tanks
- utility depots
- waste treatment/incineration/disposal
- wool scouring.

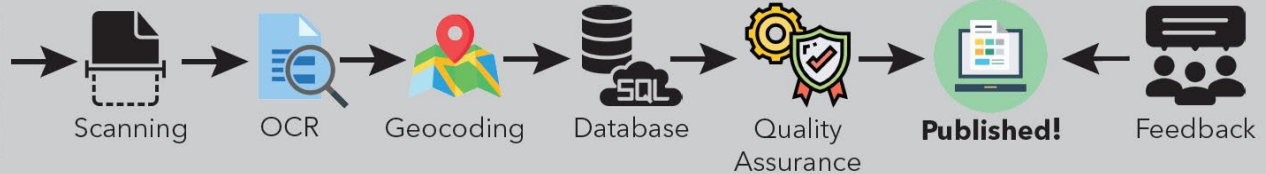
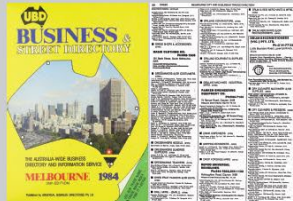
(Extracted from Victoria Planning Practice Note PP30 – Click [here](#) to access)



Historical Business Directories



Methodology





Historical Datasets - Challenges

SOUTH RD—E side
from 2 Hilton rd
277-287
289 Lindsay L J
289 Spears Mrs M J
Rosslyn st
291
293
295 National Bank of Aust-
ralasia Ltd
297-301 Walters B J Pty
Ltd tmbr mrchnts
303-305 Spartan Paints Pty
Ltd
303-305 Hardie Trading Ltd
pnt mrchnts
307 Acme Saw & Knife
Works Pty Ltd
309-313 Otto Industries P/L
gymnsm spring equip
mfrs
315 J & J Car Painters &
Crash Repairs
317
319-323 Ausbestos Pty Ltd
319-323 Geddes Electrical
Pty Ltd
325 Jordan F A mtr trmmr
325 Chapman N A
William st
Creek
333-351 Horsell Jarmyn &
Sons Pty Ltd engnrs
London rd
London Road Auto Port
Clements T & A prtprs
353 Spraypave Pty Ltd

South rd—E side
from Hilton rd
85 Blundell, H. P.
89 Blundell, I., service
station
91 Denyer, N. J., plmbr
and ironworker
93 Tolhurst, L. R.
93 National Bank Ltd.
98a Shakes, N. L., btchr
95 Lindsay, Mrs. A.
95 Bench, —
Rosslyn st
97 McMenamin, V. mfrtr
99 Pilkington, Mrs. C.
101 Oowler, W.
105 Walters, B. J., tmb,
and box merchant
109-111 Hardie Trading
Pty. Ltd.
118 Chesser, J. C.
115 McNeill, W.
117 McNeill, H.
117 Tuby, Miss M. I.
119 Freer, Mrs. M.
121 Clift, C. N.
125 Lloyd, E. R., & Son,
joinery works
127 Ausbestos Ltd.
130 Vacant
Arnold st
135 Stevens, J. A.
137 Taylor, Mrs. E. L. M
139 Wall, R., rail emp
Creek
143 Pile, H., pntr
143 Arro Motor Co. Ass-
sembly Div.
145 Horsell, Jarmyn &
Sons
147 Century Flour Mills
155 Airflow Rfrgtn Ltd.
London rd
153 Asphalt Cold Mix
Aust. Pty. Ltd.

South rd—E side
L side from Hilton rd
85 Veitch, Mrs. R. J.
87 Elder, J., bt rprer
89 Darby, E. S., service
station
91 Denyer, N. J., plmbr
and ironworker
93 Selway, E. T., btchr
95 Lindsay, O. E.
Rosslyn st
97 McMenamin, V. mfrtr
101 Pilkington, M.
105 Walters, B. J.
109-111 Hardie Trading
Pty. Ltd.
118 McNeil, Jno., br
115 Trowbridge, F. J.
117 McNeil, H.
Ryan, F.
119 Freer, C. A., lbr
121 Noble, W. H.
125 Lloyd, E. R., & Son,
joinery works
127 Ausbestos, Lt., As-
bestos mnfrctrs
131 Potter, R. E. & W.
G., grain store
133 Palmer, A. W. J.
Arnold st
William st
135 Selve, A., mehnc
137 Taylor, C. J. B.
139 Wall, R., rail emp
145 Horsell & Jarman,
Ltd., engnrs
147 Century Flour Mills
Asphalt, Cold Mix.
Aust., Pty. Ltd.,
mrktng agnts
Shell Coy, Aust. Ltd

Frequent problems with
historical records

- Renumbered Roads
- Renamed Roads
- Renamed Suburbs

Historical Insights – Former Gasworks (VIC)

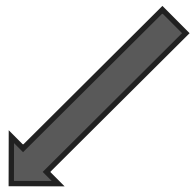


1. Original Source



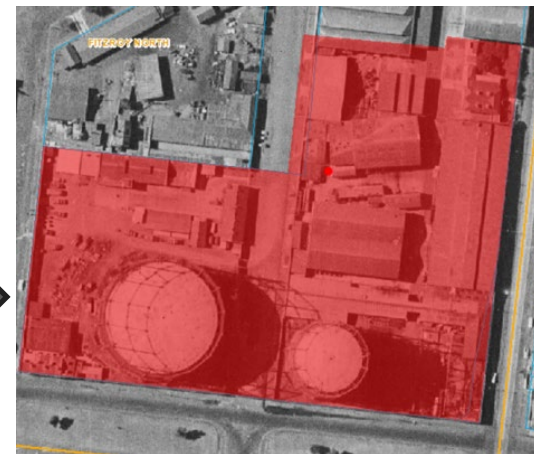
SiteName	DateOpened	YearClosed	BuiltBy
Ararat Gasworks	7 January 1888		Coates & Co.
Bacchus Marsh Gasworks	23 September 1889		Coates & Co.
Bairnsdale Gasworks	31 August 1889	1959	Coates & Co.
Ballarat Gasworks	17 July 1858		A.K Smith
Beechworth Gasworks	21 December 1881		McLean Bros. & Rigg
Benalla Gasworks	10 May 1887		Coates & Co.
Bendigo Gasworks	31 March 1860		A.K Smith
Box Hill Gasworks	6 January 1890	1969	Coates & Co.
Brighton (Central) Gasworks	6 August 1887		Coates & Co.
Brighton (Moorabin) Gasworks	6 August 1887		Coates & Co.
Brighton Gasometers	2 July 1877		Courtis
Brunswick Gasworks	30 April 1891		Hutchison
Castlemaine Gasworks	22 June 1859		A.K Smith
Clunes Gasworks	12 July 1862		Courtis
Colac Gasworks	11 December 1886		Bowman
Collingwood (Fitzroy) Gasworks	1 May 1861		Dodds

2. Initial Extract (& Peer Review)



SiteName	Evidence_1	Evidence_2	Evidence_3
Collingwood (Fitzroy) Gasworks	Victorian Heritage Database Report	places.vic.gov.au	collingwood parish map

3. Validation that record exists



4. Map Feature Boundary

Historical Insights – Former Landfill (NSW)

PUBLIC HEALTH ACT, 1902 (SECTION 55)

UNHEALTHY BUILDING LAND AT WILTON SHIRE OF WOLLONDILLY

Area No. 959

THE Secretary of the Department of Health has reported that after due inquiry he is of the opinion that it would be prejudicial to health if certain land situated in the Shire of Wollondilly and described in the Schedule hereunder, were built upon in its present condition.

He has further reported that in order to render such land fit to be built upon it is necessary that the whole of the **garbage** that has been deposited on the land be assimilated to the satisfaction of the Department of Health.

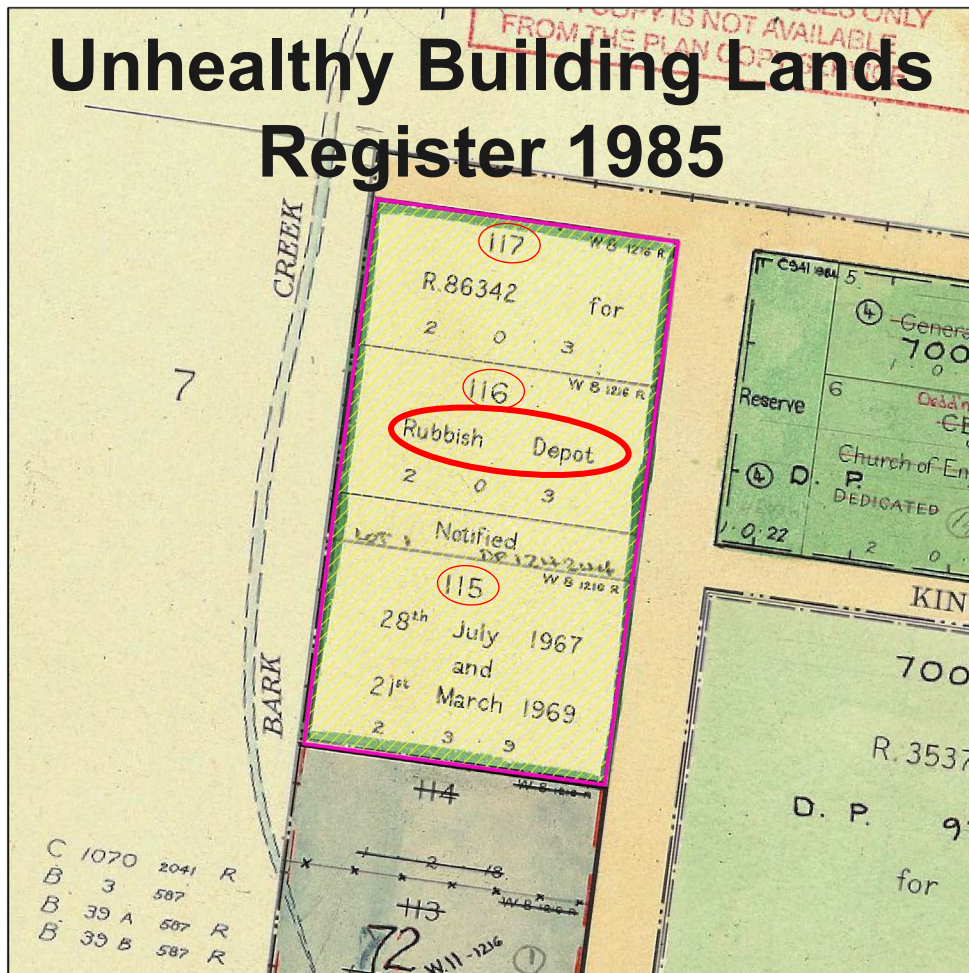
Now, therefore, in pursuance of the power and authority vested in me by section 55 (1) of the Public Health Act, 1902, I hereby declare that such land shall not be built upon until the measure referred to, which is also specified in a document accompanied by a plan deposited in the office of the Local Authority (Shire of Wollondilly) and open to the inspection of any person, has been complied with or until this notice has been revoked by me.

R. J. MULOCK,
Deputy Premier and Minister for Health.

SCHEDULE

All that land situated in the Shire of Wollondilly, Parish of Wilton, County of Camden, in the locality of Wilton being portions **115, 116, 117** in plan catalogued W8.1216 R. (2003)

Unhealthy Building Lands Register 1985



Case Study showing modern housing estate built on historical landfill site - Victoria



2015



1984



1954

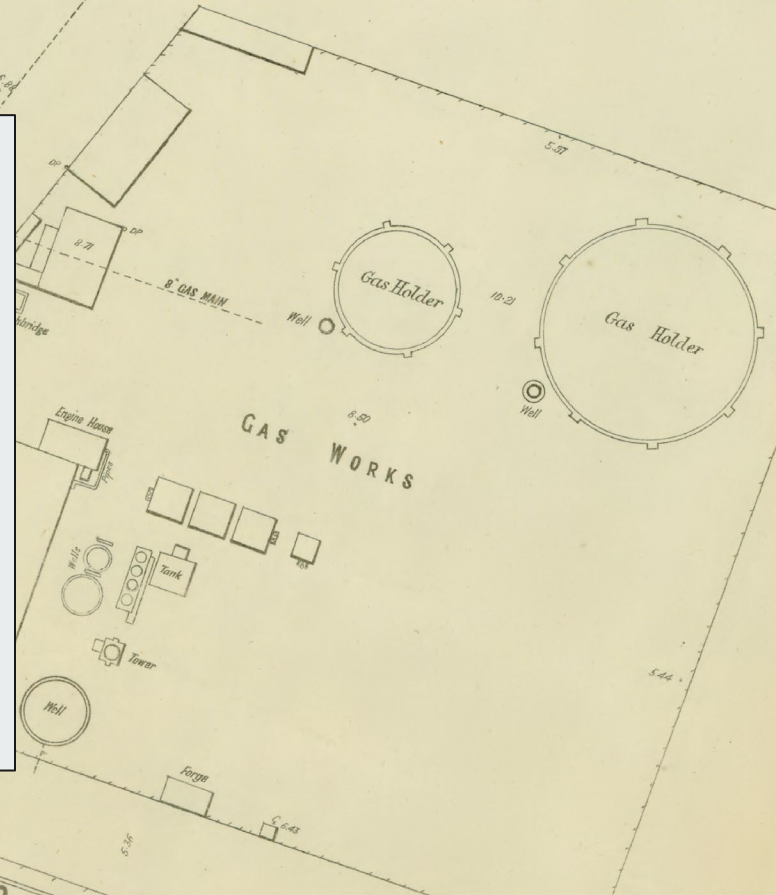


1931



Historical Maps & Plans

- Lotsearch have sourced unique series of maps
- Scanned at highest resolution
- Identify former land use
- Identify potential contamination sources
- Digitising helps preserve historical artifacts
- Stitching maps together to create seamless layers



Lotsearch Contaminated Land Screening Report



Contaminated Land Screening Report

Lotsearch Reference: LSSample01 SR

Client Id: Client001

Report Date: 25 Oct 2018 18:36:23

Address: 52-62 John Street, Erskineville, NSW 2043

Lot & Plans: Lot 54, DP852576

Disclaimer:

The purpose of this report is to provide an overview of some of the site history and environmental risk information available, affecting an individual address or geographical area in which the property is located. It is not a substitute for an on-site inspection or review of other available reports and records. It is not intended to be, and should not be taken to be, a rating or assessment of the desirability or market value of the property or its features. You should obtain independent advice before you make any decision based on the information within the report. The detailed terms applicable to the use of this report are set out at the end of this report.

Environmental Data Summary Table

Datasets	On-site	Adjacent (< 50m from site boundary)	Surrounding Area (50m to Dataset Buffer)	Dataset Buffer (m)
Section 1: Sites Listed by EPA Victoria or part of a PFAS investigation program				
Current EPA Priority Sites	0	0	0	250
Former EPA Priority Sites & other Remedial Notices	0	0	0	250
EPA Environmental Audit Reports	1	0	2	250
EPA Groundwater Zones with Restricted Uses	0	0	0	250
EPA Victorian Landfill Register	0	0	0	250
EPA Prescribed Industrial Waste Treaters or Disposers	0	0	0	250
EPA PFAS Site Investigations	0	0	0	2000
Defence PFAS Investigation & Management Program - Investigation Sites	0	0	0	2000
Airservices Australia National PFAS Management Program	0	0	0	2000
Section 2: Specific land uses with a high potential to cause contamination				
Former Gasworks	0	0	0	250
National Waste Management Facilities Database	0	0	0	250
Statewide Waste and Resource Recovery Infrastructure Plan Facilities	0	0	0	250
National Liquid Fuel Facilities	0	0	0	250
Victorian Planning Provisions - Environmental Audit Overlay	0	0	1	250
Section 3: Activities with Current or Former Licences from EPA Victoria				
Current EPA Licensed Activities	0	0	0	250
Former EPA Licensed Activities	0	0	0	250
EPA Works Approvals	0	0	0	250
Section 4: Potentially contaminative historical activities				
Historical UBD Service Stations & Motor Garages (1948-1993)	65	0	N/A	50
Historical UBD Dry Cleaning Sites (1948-1993)	0	0	N/A	50
UBD Business to Business Directory 1991	1	0	N/A	50
UBD Business Directory 1984	1	0	N/A	50
UBD Business Directory 1980	1	0	N/A	50
UBD Business Directory 1977	2	0	N/A	50
UBD Business Directory 1974	6	1	N/A	50
UBD Business Directory 1965	8	1	N/A	50
UBD Business Directory 1960	4	1	N/A	50
UBD Business Directory 1950	1	1	N/A	50
Features of Interest	0	0	0	250
Section 5: Groundwater records indicating the potential for contamination				
Groundwater Boreholes WMS	0	2	6	250

Contaminated Land Screening Assessment Residential Property

Site: 52-62 John Street, Erskineville, NSW 2043

Lot & DP: Lot 54, DP852576

Lotsearch Reference: LSSample01 SR

Date of Issue: 25 Oct 2018

This Contaminated Land Screening Assessment has been prepared to assist interested parties in considering the potential for contamination to be present on the subject residential property (the site). Information is provided below about the basis of this assessment, its limitations and how you can get further advice and guidance on additional investigations that could be undertaken.

For additional information please refer to the User Guide. If you have any questions, or need further advice please email support@lotsearch.com.au or call our customer support team on (02) 8287 0680

A. Potential for contamination to affect the site



B. Inclusion of the site on a contaminated land register by the environmental regulator

Yes

C. Inclusion of the site or the surrounding area (2km) on an environmental regulator's PFAS (per and polyfluoroalkyl substances) register or program

Yes

Next Steps: To better understand the contamination rating of a property you should discuss your screening assessment with an experienced contaminated land consultant. For further advice about how to manage potential contamination issues and discuss your property with a technical consultant, please contact our customer support team. Email: support@lotsearch.com.au Phone: (02) 8287 0680

This Contaminated Land Screening Assessment has been completed by GHD Pty Ltd (GHD) based solely on the accompanying Lotsearch report. No physical site inspection or survey has been carried out and therefore no consideration has been given to current or proposed uses of the site, or other conditions that may be present. This assessment does not comprise a Phase 1 preliminary site investigation as defined under Schedule B2 - Guideline on Site Characterisation, National Environment Protection (Assessment of Site Contamination) Measure 1999 (as amended 2012). As such, no expressed warranty is given by GHD in relation to the accuracy or completeness of the data reported, the actual state or condition of the property, or the suitability of the site for any current or proposed use. This assessment must be read in conjunction with the accompanying Contaminated Land Screening Report which is subject to Lotsearch's Terms and Conditions.

Assessment provided by GHD Pty Ltd.

Price: \$500 | Delivery: Within 1 Business Day

Contains: key information from publicly available government registers and potential contamination sources.

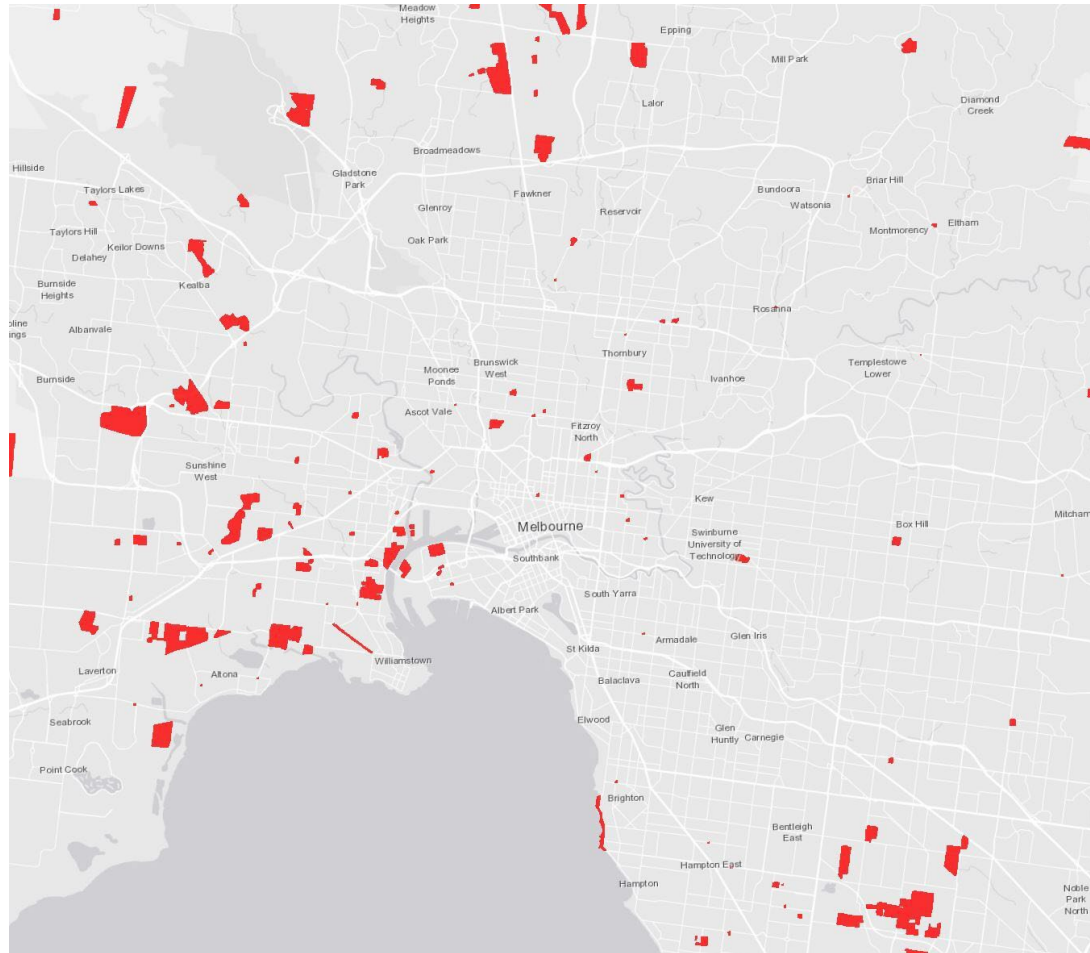
Includes a contaminated land screening assessment page.



Known & Potential Contamination

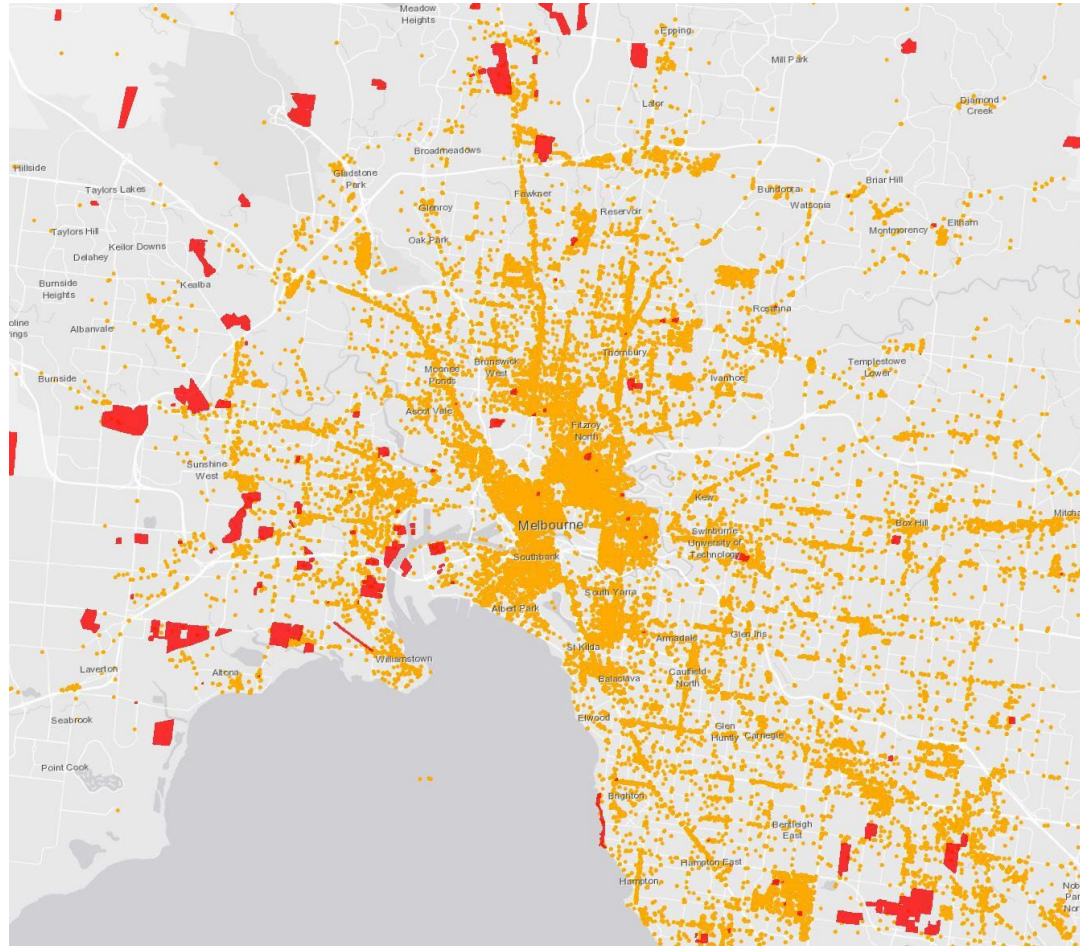


'Known' Contamination – VIC EPA Priority Sites Register



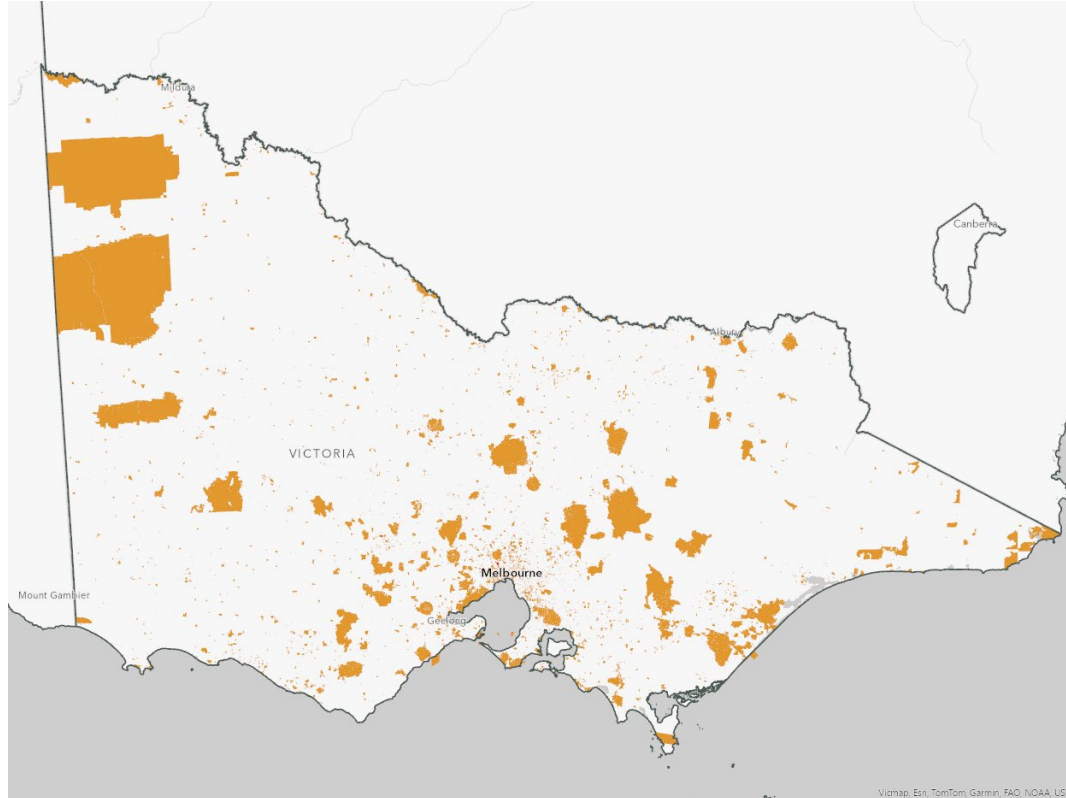


'Potential' Contamination Hazards (+25,000 Sites)





Lotsearch Contaminated Land Analysis - Victoria

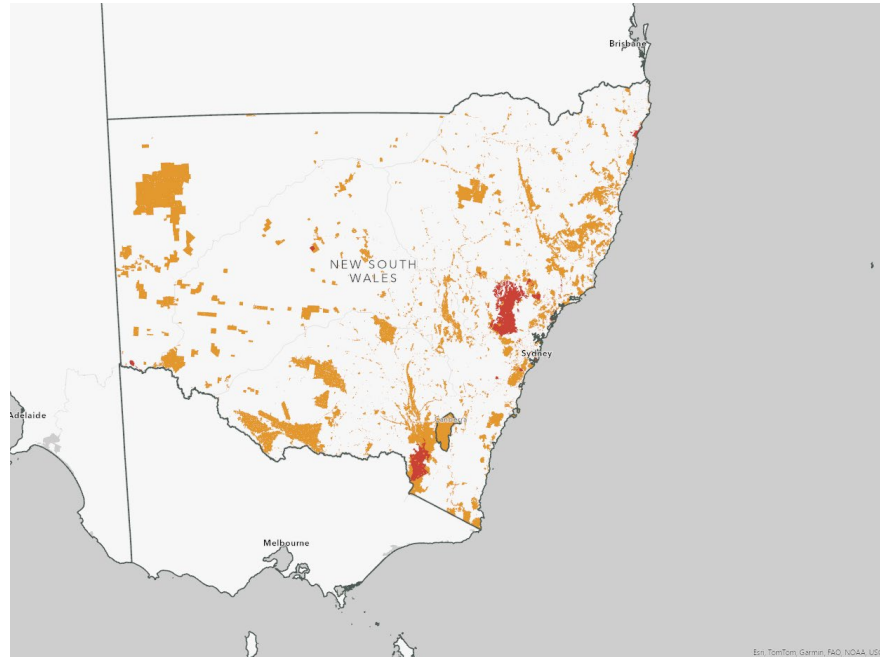




Lotsearch Contaminated Land Analysis - NSW



Known vs Potential Contamination on a Lot Basis





Results

- Lotsearch have developed the most comprehensive 'Historical Land Use Database' (HLUD) in Australia.
- Millions of historical business records (Universal Business Directories & Sands & McDougall).
- Over 500,000 historical aerial photographs.
- Over 50,000 historical maps & plans.
- We have identified over 25,000 'known' contaminated, regulated or sites under investigation.
- We have identified over 250,000 'potentially' contaminated sites (former high-risk activities).
- Site history can now be easily delivered as one package.



Case Studies – ‘In the News’



●●● VISUAL STORY

Inside Australia's worst toxic waste dump

f t e

The environment watchdog is cleaning up millions of litres of highly flammable chemicals, acids and other toxic waste it discovered secretly buried near the outback Victorian town of Kaniva.

by Chris Vedelago and The Visual Stories Team MARCH 3, 2023



This remote property in Victoria's far west – code named 'Lemon Springs' – is believed to be the site of one of the largest illicit toxic waste dumps ever created in Australia. Click [here](#) to access article!

Case Study: Former Poultry Farm

- Residential estate built on former poultry farm notified as contaminated



1991



2024

Case Study – PFAS

ABC NEWS

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PFAS crisis opens residents to compensation payouts after federal inquiry report tabled

By Kevin Nguyen
Updated 8 Dec 2018, 8:30am

A federal parliamentary inquiry has recommended the Federal Government offer financial compensation to residents caught up in the PFAS contamination crisis.

The communities of Williamtown in New South Wales, Oakey in Queensland and Katherine in the Northern Territory have been campaigning for some form of financial redress since it was revealed properties were contaminated with potentially toxic PFAS chemicals from firefighting foam used on nearby defence bases.

The substance, known as per- and poly-fluoroalkyl, has been used in firefighting foams at dozens of bases across the country since 1970, and the chemicals have remained in the soil and groundwater at some Australian airports and defence bases.

The Air Force started phasing out the use of the firefighting chemical in 2004 and undertook a national review of its impact on the environment around bases.

Residents at some impacted sites, such as Richmond Air Base in NSW, were advised by the Department of Defence to **reduce their locally sourced fish, egg and red meat** intake due to contamination fears.



PHOTO: Firefighting foam containing PFAS chemicals was used by Airservices Australia until 2010. (CRC CARE)

RELATED STORY: Food contamination warning issued to residents near NSW air base

RELATED STORY: 'World's next asbestos disaster': Fears grow for firefighters exposed to toxic foam

RELATED STORY: 'Our hands were saturated in it': Workers angry contamination risks not explained at airport site

Key points:

- Department of Defence is looking into 28 sites contaminated with PFAS chemicals
- After seven months of investigation the inquiry found residents should be compensated
- Test results from 2013 found aviation firefighters had 20 times the normal level of toxic chemicals in their blood

Williamtown, NSW

Katherine, NT

Oakey, QLD

National coalition launches for residents of country's 90 toxic sites

"The aim, he said, was to create a unified national voice that could force the government to clean up contaminated sites and compensate people for depressed property values and business losses".

Sites under investigation



<https://www.abc.net.au/news/2018-12-03/pfas-contamination-residents-compensated-federal-inquiry/10576552>
<https://www.smh.com.au/national/national-coalition-launches-for-residents-of-country-s-90-toxic-sites-20180702-p42p1f.html>



Nelson Parade, Hunters Hill, NSW



Contaminated site of former Radium Hill smelter at Nelson Parade Hunters Hill.

THE HILLS

Further delay in the clean-up of radioactive contamination at Nelson Parade

John Besley, Northern District Times
December 1, 2015 4:53pm



Hunters Hill Mayor Richard Quinn has slammed the delay of the removal of radioactive waste from Nelson Parade, calling the situation "gravely disappointing."

A Government Property NSW report released last week revealed that the clean-up of radioactive waste that was scheduled to commence earlier this year has been delayed until 2016-17 with the completion of the process in 2018-19.

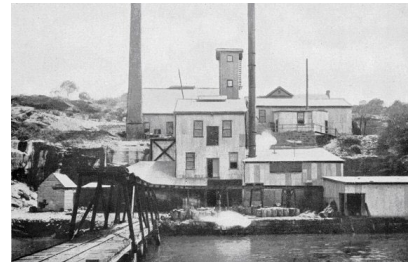
The delay is due to a change in the location of where the waste will be removed to, after the Baird Government's original plans to transfer the waste to Kemps Creek in Western Sydney were scrapped following public uproar from Kemps Creek residents.

"I'm certainly not happy," said Cr Quinn.

Former Uranium Smelter (1911-1915)

The government has bought contaminated blocks at 7, 9 and 11 Nelson Parade

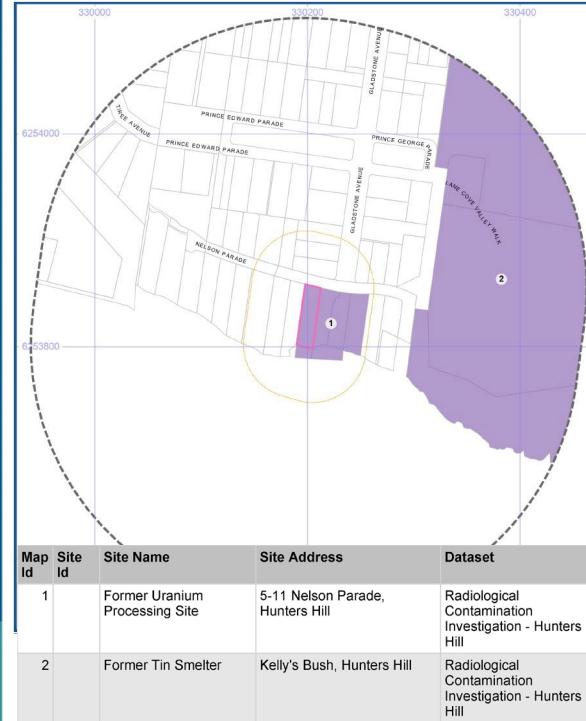
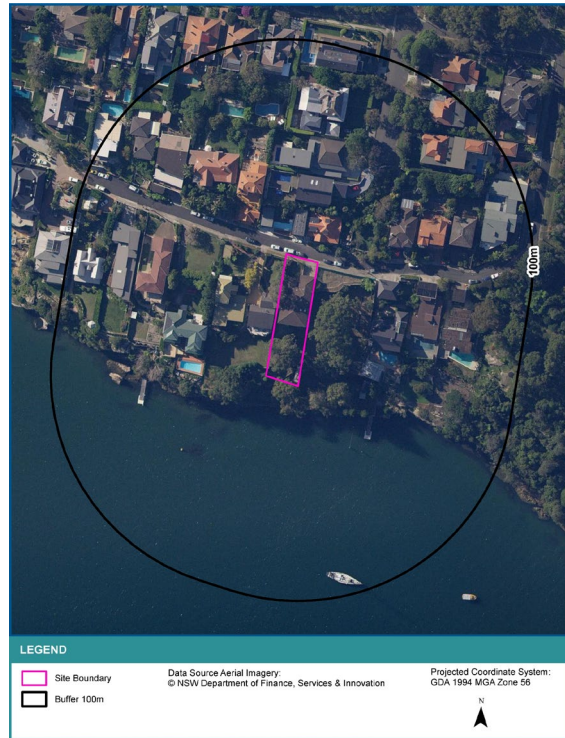
Parliament inquiry recommending the site be decontaminated



<https://www.smh.com.au/environment/radioactive-waste-haunts-hunters-hill-residents-20111029-1mpb6.html>



Lotsearch Sample – Hunters Hill



24/07/2024



Camden High School, Camden, NSW

ABC NEWS LOCATION: Sydney, NSW Change ▾

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Ex-students and teachers raise fears of cancer cluster at old Camden high school in Sydney

7:30 By Hayden Cooper
Updated 24 Jul 2013, 4:16pm

Former students and teachers of a New South Wales high school have raised fears of a cancer cluster after dozens became ill and some died.

The old Camden High School in Sydney's west was closed in 2001 after contamination was discovered in soil underneath classrooms.

The school was built on the site of a gasworks that had been in operation since 1911.

Now lawyers say 70 people have joined an investigation into the school to determine the cause of a range of recent illnesses.

The group includes people with various forms of cancer, brain tumours and children with birth defects. Some members of the group represent former teachers and students who have died.

"I don't want to be alarmist about it under any circumstances, but at the moment at this very early stage it could well be defined ultimately as a cancer cluster," lawyer Jim Marsden said.

Mr Marsden says the complaints could lead to a class action against the NSW Education Department.

"If ultimately we find that a department or a number of departments are responsible and then going on from there there has been illnesses caused as a result of these contaminations, ultimately whoever is responsible must be held accountable," he said.

The ABC's 7.30 spoke to several former students who blame their illnesses on **the old gasworks site.**



VIDEO: Watch Hayden Cooper's report (7:30)



PHOTO: The former school was built on the site of a gasworks (ABC 7:30)

School was built on the site of a Gasworks.

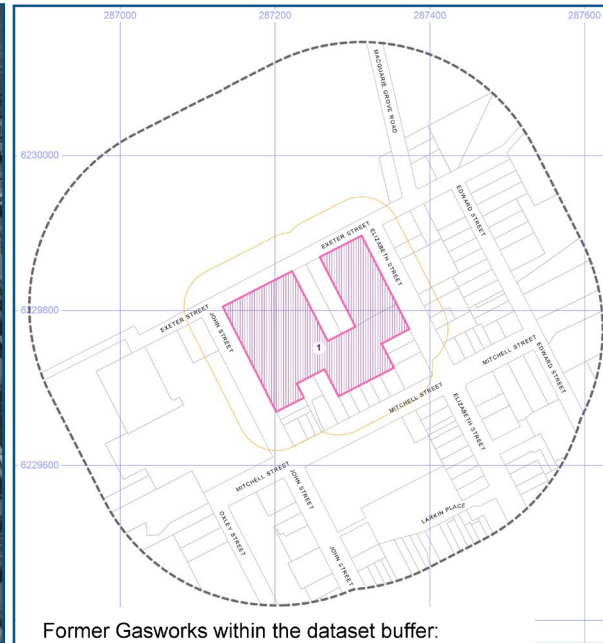
After deaths and illness, a class action against NSW Education Department is likely.

School was closed in 2001 after contamination was discovered in soil.

<http://www.abc.net.au/news/2013-07-23/cancer-cluster-fears-over-former-sydney-high-school/>



Lotsearch Sample – Former Camden High School



Former Gasworks within the dataset buffer:

Map Id	Location	Council
1	John Street, Camden	Camden Council

Case Study: Spotless Dry Cleaners (Brunswick)

CLEANING giant Spotless is mopping up after quietly ending a bitter seven-year legal stoush over contaminated land, knocking down a block of flats at the centre of the dispute.

The flats, in Barkly Street, Brunswick, sit on prime land but have never been occupied because of contamination leaching from a former Spotless drycleaning operation two doors away.

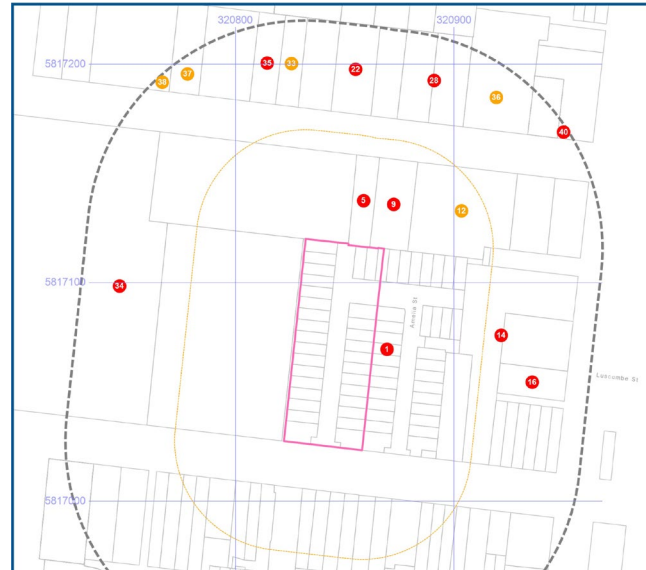
Premier Building and Consulting director Paul Simmonds said his company had "no idea of the level of pollution" when building began.

"We were astonished to find that large quantities of dry-cleaning chemicals... have migrated onto our land from the adjoining property," he said.





Lotsearch Sample – Brunswick



Map id	Business Activity	Premise	Lotsearch Ref	Risk Rank	Location Confidence	Distance (m) to Property Boundary or Road Intersection	Direction
1	DRY CLEANERS & PRESSERS.	Ensign Services (Aust.) Pty. Ltd., 225 Barkly St., Brunswick.	17911	HIGH	Premise Match	0	East
	DRY CLEANERS & PRESSERS.	Spotless Group Limited, 225 Barkly St., Brunswick.	18050	HIGH	Premise Match	0	East
	DRYERS INDUSTRIAL.	Ensign Services (Aust.) Pty Ltd., 225 Barkly St., Brunswick.	18100	MODERATE	Premise Match	0	East
	DRYERS INDUSTRIAL.	Spotless Group Limited, 225 Barkly St., Brunswick.	18103	MODERATE	Premise Match	0	East



Former Tip, Ballarat, VIC

Black Hill residents trash Ballarat Council over former tip contamination

ABC Ballarat | By Danna Diaz
Updated 24 Jun 2016, 11:56am

Victoria's environmental watchdog has intervened in a dispute between the City of Ballarat and a resident, who is claiming 10 Olympic-sized swimming pools of rubbish has contaminated his property.

Mark Hosking, who owns a three-acre property across the road from the landfill, points to a large pile of rocks covering what used to be a trench.

After initially uncovering trash on his property in 2005, he paid an environmental firm, Cardno Land Ripper, to assess the full extent of the problem.

"That's where they dug up and found the rubbish," he said.

The firm found almost 14,000 cubic metres of waste underneath an acre of Mr. Hosking's property, equating to an area about the size of 10 Olympic swimming pools.

It is believed to have leaked from the historic council-owned Black Hill tip, now known as the Chisholm Street Recreation Reserve across the road.

Rubbish removal quote \$3.5M

The former paramedic said he had spent more than \$350,000 on legal fees in an effort to get the Ballarat Council to own up to the contamination.

"I'd just like the council to take responsibility for this and take responsibility for their lack of transparency," he said.

"I had a quote on removing the rubbish from my land and it was \$3.5 million dollars."

Mr Hosking said his property was now worthless because of the extent of the waste.

"Basically, I've got a noose around my neck and the council is pulling it tighter," he said.

Robert Brookes used to own a house on the same street, and believes the nearby Leerama Court housing estate was actually built on top of a rubbish dump.

Mr Brookes said when he worked on the site in 1991, now the site of 21 houses, he often dug out large mounds of trash including rubble and plastic.

"When I was digging stuff out, I could smell all the gases coming out of the ground," he said.

"As they started building more blocks for the housing, more and more was coming up. There was a hell of a lot of it there.

"The land developers should have been on to that straight away because they knew it was there, but why didn't they say something?"

"How did they even get permits to build houses on it?"

EPA calls on council for report on tip boundary

The Environment Protection Authority (EPA) has ordered the City of Ballarat to "detail exactly where waste extends beyond the boundary of its former Black Hill landfill".



PHOTO: Black Hill resident Mark Hosking on his property. (ABC Ballarat, Danna Diaz)

Resident discovered that his property had waste underneath equating to the size of ten Olympic swimming pools.

Rubbish removal quote for \$3.5 million.

Historical aerial photos highlight former tip.



Summary



Property & Development Lifecycle



Lotsearch reports can be used by clients throughout the property lifecycle to identify potential hazards and risk

Industry Leading Solutions

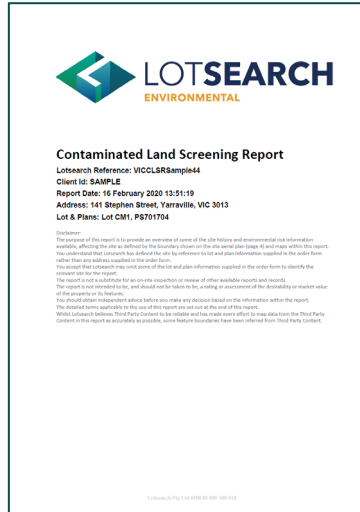
Contaminated Land Search (\$95)



"A standard due diligence report to identify known contaminated sites sourced from government public registers."

Click [here](#) to download sample.

Contaminated Land Screening Report (\$525)



"An advanced due diligence report which includes known contaminated sites, and also incorporates historical land use information helping to identify potentially contaminated sites."

Click [here](#) to download sample.

Lotsearch Enviro Pro (\$800)



"This is the most advanced due diligence report which we offer and includes known and potential contamination sources as well as information on receptors, pathways and site characteristics."

Click [here](#) to download sample.



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