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Date: 09 Oct 2023

Reference: LS048900 EA

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Aerial Imagery 2019
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Aerial Imagery 2017
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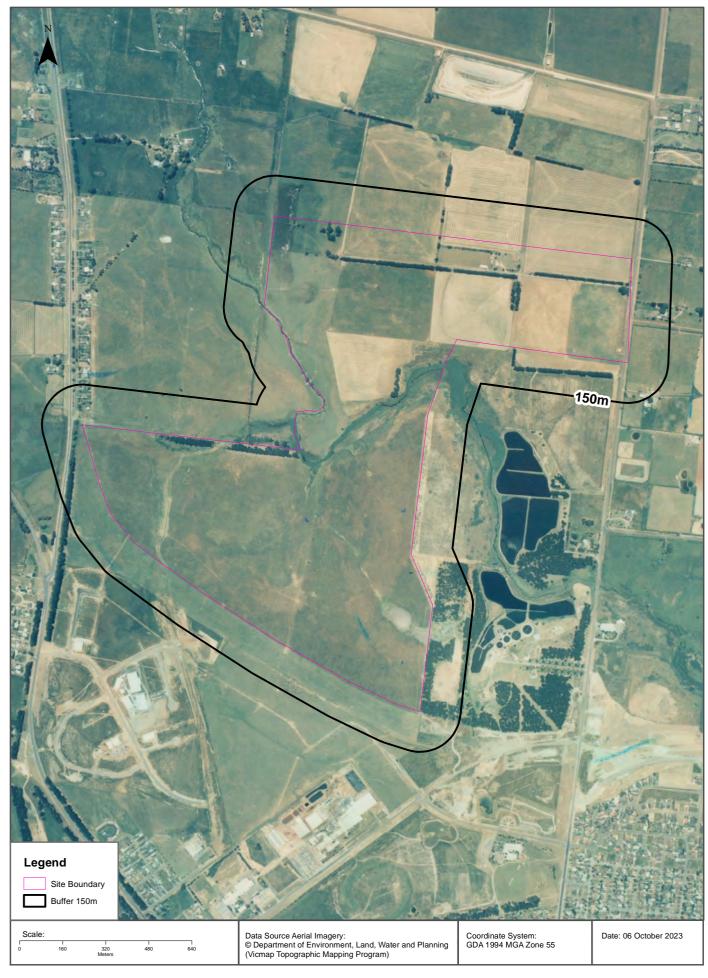








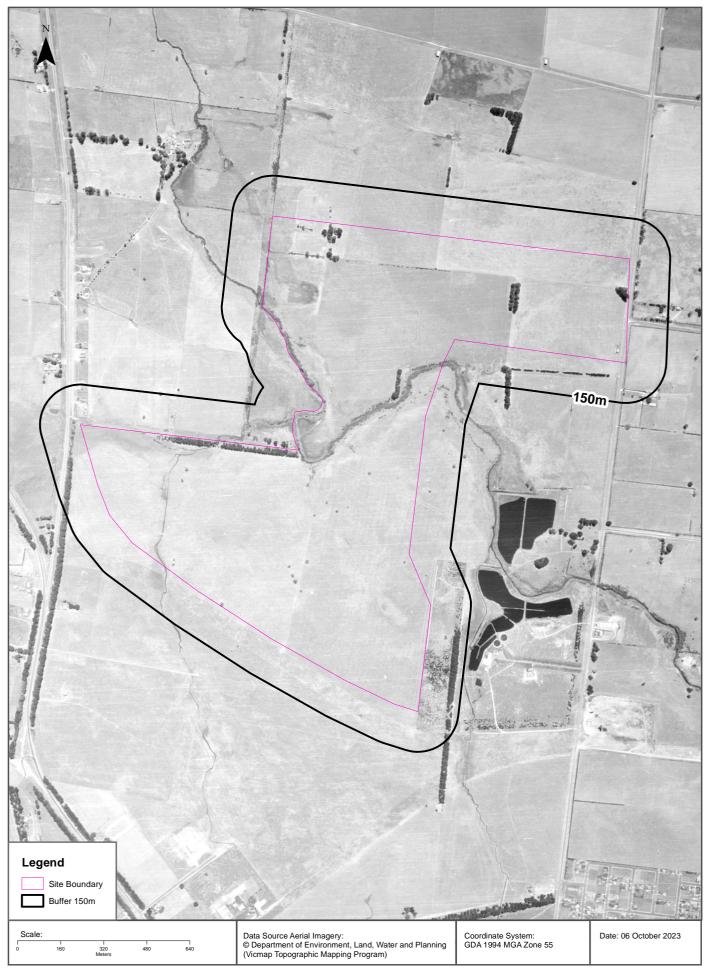




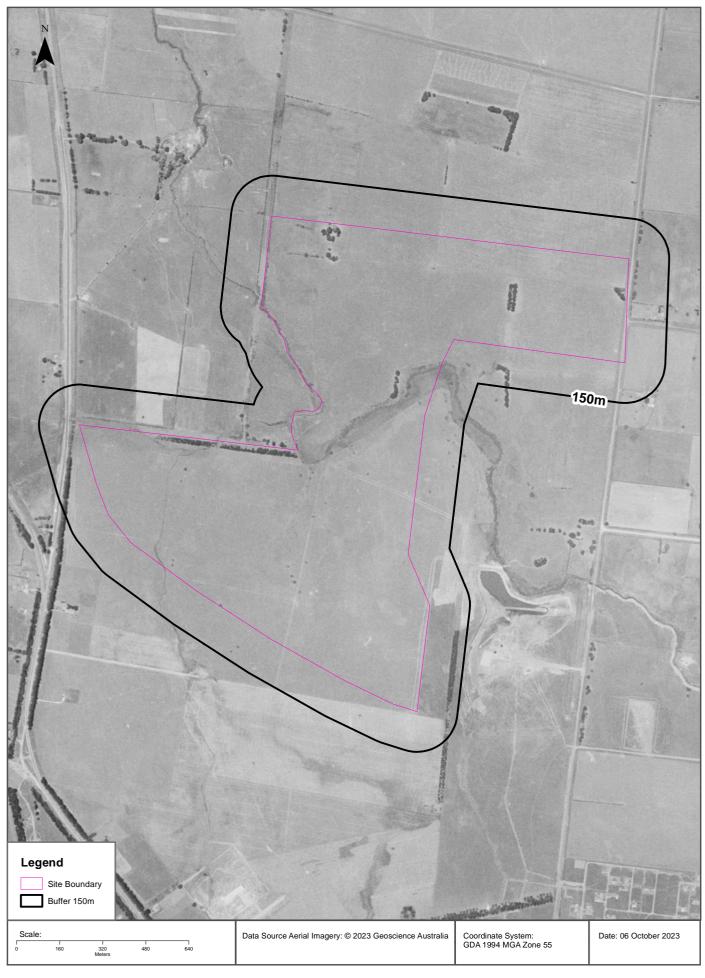




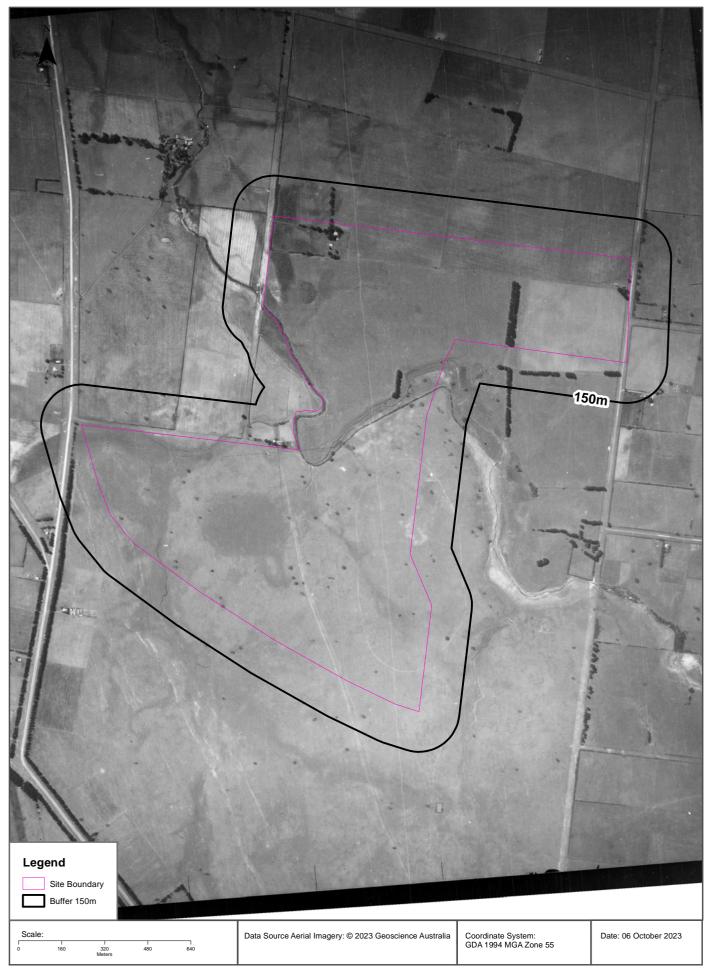












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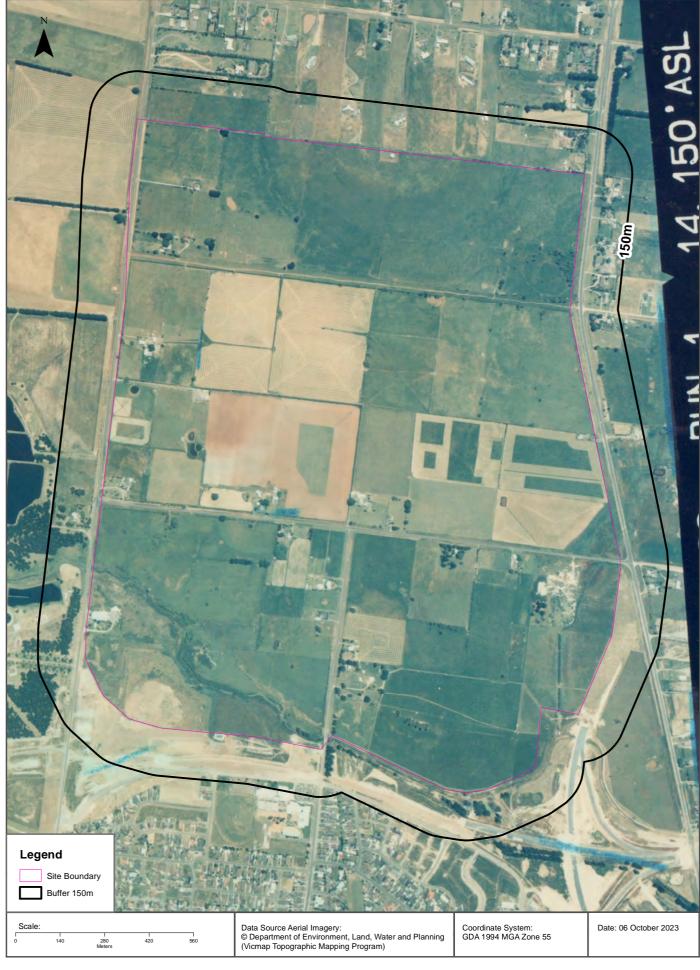




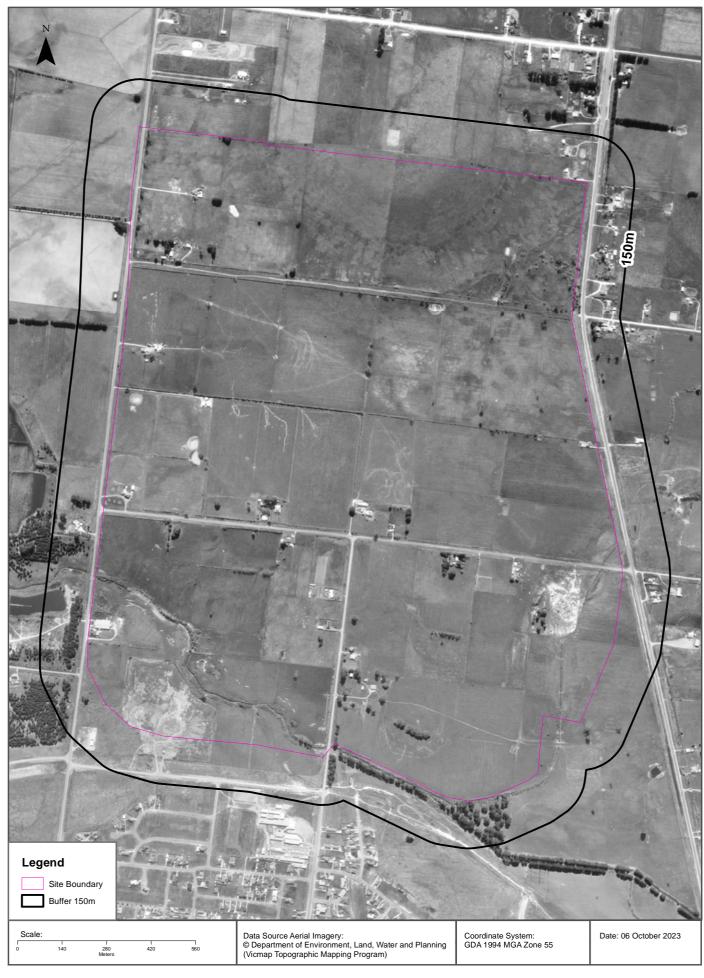




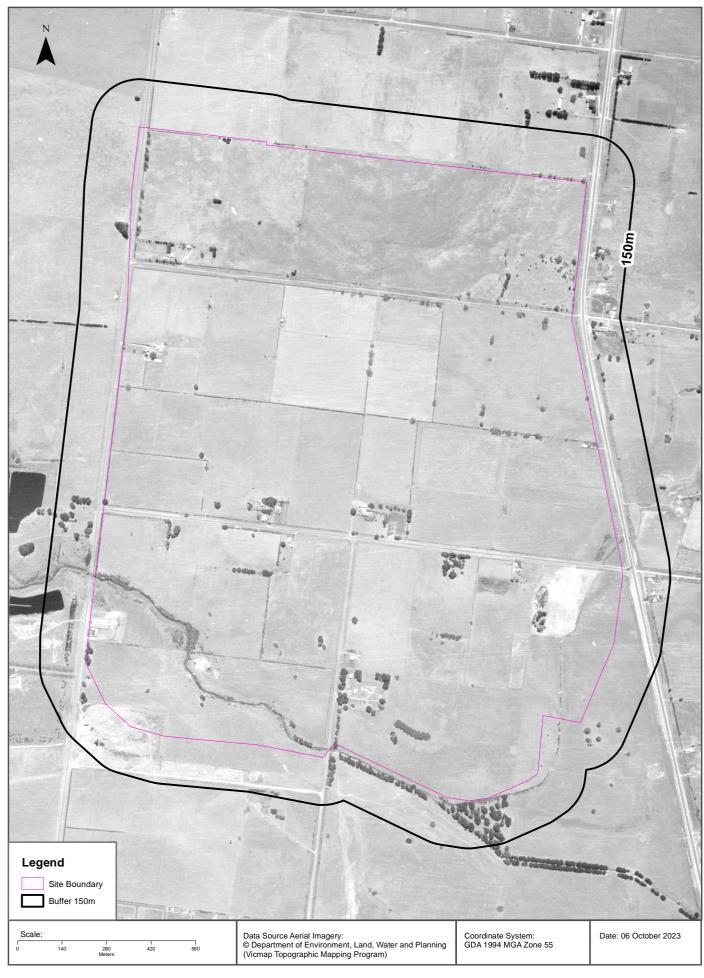




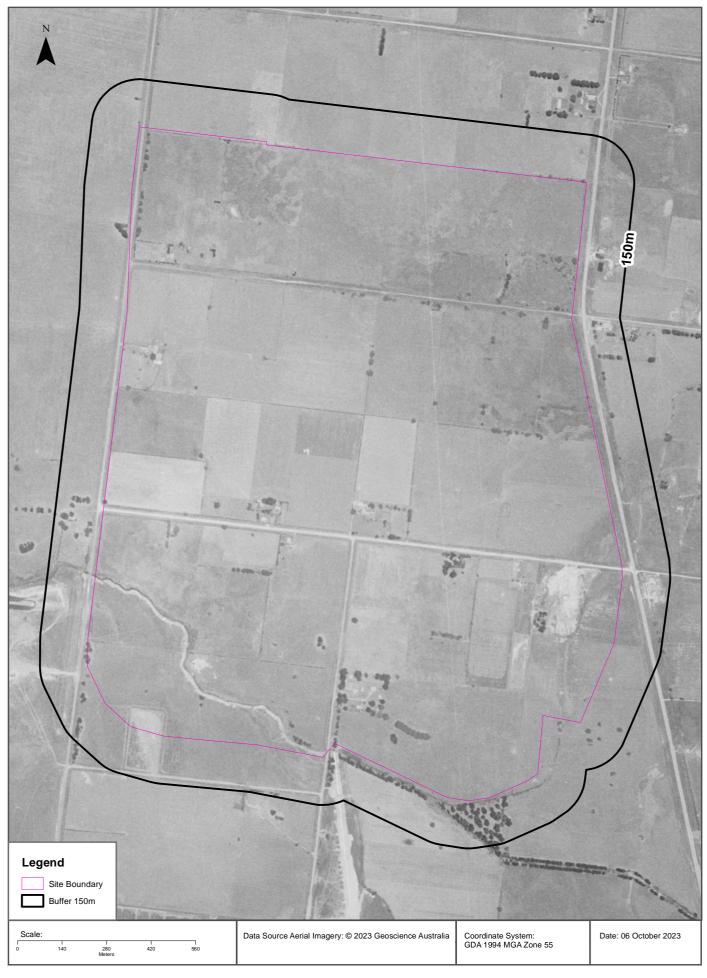
















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Appendix C. Groundwater bores

Table C-1. Summary of registered groundwater bores

Summary of registered groundwater bores within 2 km buffer of GAEP area. Data from WMIS (DELWP, 2022 via Lotsearch)

Bore Id	Use type	Bore depth (m)	Completed date	Distance (m)	Direction
143294	Domestic, Stock	42.00	23/03/2000	0	On-site
306443	Non Groundwater	Unknown	Unknown	0	On-site
306444	Non Groundwater	Unknown	Unknown	0	On-site
306445	Non Groundwater	Unknown	Unknown	0	On-site
306446	Non Groundwater	Unknown	Unknown	0	On-site
306447	Non Groundwater	Unknown	Unknown	0	On-site
306448	Non Groundwater	Unknown	Unknown	0	On-site
306449	Non Groundwater	Unknown	Unknown	0	On-site
60729	Domestic, Stock	26.52	26/09/1972	0	On-site
60730	Stock	32.92	26/01/1973	0	On-site
60734	Domestic, Stock	39.00	13/01/1976	0	On-site
60736	Domestic	35.30	27/08/1977	0	On-site
60737	Domestic, Stock	40.00	01/04/1978	0	On-site
60739	Domestic, Stock	39.00	07/11/1978	0	On-site
60751	Stock	Unknown	01/01/1988	0	On-site
60752	Domestic	Unknown	01/01/1988	0	On-site
60753	Domestic, Stock	Unknown	01/01/1988	0	On-site
60754	Domestic	Unknown	01/01/1988	0	On-site
60755	Domestic, Stock	60.00	10/01/1991	0	On-site
WRK043217	Irrigation	Unknown	Unknown	0	On-site
WRK963844	Unknown	Unknown	Unknown	0	On-site
WRK967908	Unknown	Unknown	Unknown	0	On-site
WRK968856	Unknown	Unknown	Unknown	0	On-site

Bore Id	Use type	Bore depth (m)	Completed date	Distance (m)	Direction
WRK975599	Unknown	Unknown	Unknown	0	On-site
WRK975789	Unknown	Unknown	Unknown	0	On-site
WRK976682	Unknown	Unknown	Unknown	0	On-site
WRK976715	Unknown	Unknown	Unknown	0	On-site
WRK979894	Unknown	Unknown	Unknown	0	On-site
WRK980330	Unknown	Unknown	Unknown	0	On-site
WRK982171	Unknown	Unknown	Unknown	0	On-site
WRK990316	Unknown	Unknown	Unknown	0	On-site
WRK990317	Unknown	Unknown	Unknown	0	On-site
WRK992457	Unknown	Unknown	Unknown	0	On-site
60758	Domestic & Stock, Irrigation	30.00	31/05/1991	7	North West
WRK983034	Unknown	Unknown	Unknown	61	North West
WRK984851	Unknown	Unknown	Unknown	62	North East
47214	Domestic	60.00	11/03/1986	96	East
WRK971631				143	East
WRK094748	Investigation	4.00	04/07/2016	150	South West
WRK094749	Investigation	4.00	04/07/2016	150	South West
47213	Domestic, Stock	27.00	29/11/1982	151	East
WRK990815	Unknown	Unknown	Unknown	154	North
306450	Non Groundwater	52.00	Unknown	160	South West
111520	Domestic, Stock	Unknown	09/12/1991	165	North East
WRK975873	Unknown	Unknown	Unknown	171	South West
WRK094750	Investigation	5.50	04/07/2016	183	South West
WRK973262	Domestic & Stock, Irrigation	47.00	08/04/2006	193	North East
WRK980147	Unknown	Unknown	Unknown	237	North West
WRK978070	Unknown	Unknown	Unknown	252	North West
WRK978355	Unknown	Unknown	Unknown	254	North West
WRK093270	Observation	13.50	11/04/2016	289	South
60746	Irrigation	65.50	22/09/1983	362	North
WRK093271	Observation	15.00	11/04/2016	371	South West
WRK977097				371	East
WRK093269	Observation	10.00	11/04/2016	372	South

Bore Id	Use type	Bore depth (m)	Completed date	Distance (m)	Direction
60733	Domestic, Stock	38.10	19/04/1975	386	West
WRK973365	Domestic & Stock	Unknown	24/05/2006	419	North East
47217	Domestic	49.00	01/10/1984	437	East
60718	Not Known	Unknown	29/02/1960	464	North West
60715	Not Known	Unknown	03/08/1954	470	North West
60719	Not Known	Unknown	15/02/1960	470	North West
60716	Not Known	Unknown	24/12/1957	486	North West
60756	Stock	Unknown	01/01/1988	488	North West
60720	Not Known	Unknown	31/12/1960	491	North West
60717	Not Known	Unknown	09/01/1958	498	North West
WRK965311	Domestic & Stock	62.00	07/05/2004	518	West
WRK978913	Unknown	Unknown	Unknown	530	South East
WRK988509	Unknown	Unknown	Unknown	536	East
WRK964882	Domestic & Stock	62.00	04/04/2004	557	West
60728	Domestic, Irrigation, Stock	74.90	01/03/1972	599	North West
WRK977941	Unknown	Unknown	Unknown	638	North East
60741	Domestic	47.30	18/09/1980	789	West
60745	Domestic, Stock	33.00	20/09/1983	841	North
WRK043219	Domestic & Stock, Irrigation	Unknown	04/04/2003	859	North
WRK977427	Unknown	Unknown	Unknown	928	North
WRK953807	Domestic & Stock	Unknown	Unknown	935	North West
WRK007998	Industrial	Unknown	21/03/2012	1006	North West
WRK981140	Unknown	Unknown		1037	South
60747	Domestic, Stock	38.00	17/01/1984	1040	North
WRK981107	Unknown	Unknown	Unknown	1052	South
WRK010919	Irrigation	100.00	01/08/2009	1073	North
60723	Irrigation	Unknown	31/12/1968	1077	North
47215	Irrigation	12.00	30/06/1984	1151	South East
WRK953975	Irrigation	Unknown	Unknown	1170	North

Bore Id	Use type	Bore depth (m)	Completed date	Distance (m)	Direction
60750	Domestic	60.00	22/02/1988	1199	North
60744	Domestic, Stock	24.00	06/02/1983	1250	North West
WRK977005	Unknown	Unknown	Unknown	1278	South
WRK041080		33.00	01/07/1970	1313	North West
60743	Domestic	Unknown	30/10/1982	1348	South West
WRK955536	Unknown	Unknown	01/01/1950	1386	North
WRK975252	Unknown	Unknown		1439	North
WRK952659	Domestic & Stock	Unknown	Unknown	1454	North
WRK075276	Observation	66.00	25/08/2013	1500	South West
60714	Groundwater Investigation	Unknown	31/12/1941	1538	South West
60749	Stock	43.00	20/08/1983	1544	North
WRK987872	Domestic & Stock	61.00	07/08/2009	1553	North
47208	Domestic	39.00	01/04/1978	1556	East
WRK952723	Domestic & Stock	80.77	24/03/2004	1588	North
47222	Domestic, Stock	Unknown	01/01/1988	1644	East
WRK952934	Domestic & Stock	69.00	21/04/2005	1647	North
WRK953939	Domestic & Stock	62.00	04/07/2005	1648	North
47221	Domestic, Stock	46.00	13/01/1991	1655	North
WRK952614	Domestic & Stock	Unknown	Unknown	1681	North
WRK976229	Unknown	Unknown	Unknown	1685	East
WRK990093	Unknown	Unknown	Unknown	1737	South East
SP068239	Observation, State Observation Network	85.00	07/07/2009	1758	North
SP068240	Observation, State Observation Network	107.00	12/07/2009	1760	North West
WRK989489				1781	South East
WRK105491	Domestic & Stock	92.00	01/05/2018	1791	East

Land Capability Assessment

Bore Id	Use type	Bore depth (m)	Completed date	Distance (m)	Direction
51512	Stock	Unknown	01/01/1970	1802	North
300848	Non Groundwater	Unknown	Unknown	1837	North
WRK040307	Industrial	73.00	31/01/2007	1876	South West
125960	Groundwater Investigation	16.00	02/05/1995	1890	North East
131474	Domestic, Stock	90.00	10/09/1997	1891	North West
46628	Domestic & Stock	61.00	16/02/1991	1893	North West
WRK965435	Stock	Unknown	Unknown	1915	North

Appendix D. Summary of potential for contamination

Table D-1. Summary of site characterisation – potential for contamination

Table summarising the contamination potential for each site within the Ballarat North PSP, based on the land uses with potential to contaminate land presented in Table 2 of PPN30 or Planning Practice Note 30 (DELWP, 2021). Proposed further assessment is based on the approach presented in Table 3 of PPN30 (DELWP, 2021).

Map reference	Standard parcel identifier	Site use / activity	Description / findings	Consent to land access	Site inspection ¹	Potential for Contamination	Recommended further action ³
1	90A~B\PP5531	Public open space	Part of Miners Rest Recreation Reserve. No potential for contamination.	Yes	No	No Potential for Contamination	No further action required - General Environmental Duty Applies
2	18B~5\PP2542	Public open space	Greenfield land approximately 17. 2 ha. Comprised of the majority of Miners Rest Recreation Reserve. No potential for contamination.	Yes	No	No Potential for Contamination	No further action required - General Environmental Duty Applies
3	18A~5\PP2542	Reserve Area	Heavily vegetated area with trees west of the Miners Rest Recreation Reserve. No potential for contamination.	Yes	No	No Potential for Contamination	No further action required - General Environmental Duty Applies
4	19~5\PP2542	Agricultural / Residential Area	Agricultural land with residential buildings. Farm-related structures were also noted. No potential for contamination.	Yes	No	No Potential for Contamination	No further action required - General Environmental Duty Applies
5	50~5\PP2542	Agricultural / Residential Area	This 12.5 ha property is generally vacant agricultural land that is used as pasture land for livestock such as cattle. However, the northern-most portion features farm buildings (various sheds and silos) & residential houses with trucks, trailers, cars, and various farm machineries. In addition, this area has old vehicles & some scattered metal piles including stockpiles of cut trees and soil. This and the potential presence of a stock dip and the represents a medium potential for contamination for this property.	No Response	No	Medium	PRSA or audit option applies. PRSA to determine need for audit is recommended.
6	1\TP97362	Agricultural / Residential Area	Agricultural land with residential buildings. Farm-related structures were also noted. The land is used for grazing livestock. A farm dam was noted south of the property. No potential for contamination.	Yes	No	No Potential for Contamination	No further action required - General Environmental Duty Applies
7	1\TP5407	Agricultural / Residential Area	Agricultural land with residential buildings. Farm-related structures were also noted. The land is used for grazing livestock. A farm dam was noted south of the property. A segment of the Burrumbeet Creek was intercepted along its southern boundary. No potential for contamination.	No Response	No	No Potential for Contamination	No further action required - General Environmental Duty Applies
8	1\TP909412	Agricultural land with horses rearing / Pasture land	The topography of the property is mostly flat and predominantly grassland. Horses were present in the paddocks. Ground has been trampled by horses, so ground is uneven in some areas. Steel sheds were present to the rear of the residential housing in the north of the property. Items were stored adjacent east of the sheds including car parts, tyres, chairs, lawnmowers, plastic road barriers and chopped logs. A farm dam is located at the near the southern portion and a segment of Burrumbeet Creek is almost parallel to the property's southern boundary. There were no fuels or chemicals were stored on the property and no signs of contamination were observed across the site. In addition there are no evidence of localised depressions/subsidence. No potential for contamination.	Yes	Yes	No Potential for Contamination	No further action required - General Environmental Duty Applies
9	1\TP848231	Agricultural / Residential Area	Agricultural land with residential buildings. Farm-related structures were also noted. The land is used for grazing livestock (horses). A segment of the Burrumbeet Creek was intercepted along its southern boundary. Stockpiles of dead trees and apparent soil were noted. No potential for contamination.	Yes	No	No Potential for Contamination	No further action required - General Environmental Duty Applies
10	46~5\PP2542	Agricultural / Residential Area	Agricultural land with residential buildings. Farm-related structures were also noted. The land is used for grazing livestock (sheep). A segment of the Burrumbeet Creek was intercepted along its southern boundary. No potential for contamination.	Yes	No	No Potential for Contamination	No further action required - General Environmental Duty Applies
11	47~5\PP2542	Agricultural / Residential Area	Agricultural land with residential buildings. Farm-related structures (four sheds for horses) were also noted. The land is used for grazing livestock. No potential for contamination.	Yes	No	No Potential for Contamination	No further action required - General Environmental Duty Applies
12	42~5\PP2542	Agricultural / Residential Area	Agricultural land with residential buildings. Farm-related structures were also noted. The land is used for grazing livestock. No potential for contamination.	Yes	No	No Potential for Contamination	No further action required - General Environmental Duty Applies

Map reference	Standard parcel identifier	Site use / activity	Description / findings	Consent to land access	Site inspection ¹	Potential for Contamination	Recommended further action ³
13	41~5\PP2542	Agricultural / Residential Area	Agricultural land with residential buildings. Farm-related structures were also noted. The southern border was noted to be aligned to that of Burrumbeet Creek. The land is used for grazing livestock (horses). No potential for contamination.	No Response	No	No Potential for Contamination	No further action required - General Environmental Duty Applies
14	2\PS818238	Vacant Agricultural land	Agricultural land with a farm-related structure on the southern portion. The northern portion features a thick vegetative cover along the bends of the Burrumbeet Creek. The land is likely used for grazing livestock (horses). No potential for contamination.	Yes	No	No Potential for Contamination	No further action required - General Environmental Duty Applies
15	33~5\PP2542	Vacant Agricultural land	Agricultural land with a farm-related structure on the northern portion. The northern portion also features some vegetative cover along the bends of the Burrumbeet Creek. The land is likely used for grazing livestock and cropping. At the southern portion, a farm dam was noted. No potential for contamination.	No Response	No	No Potential for Contamination	No further action required - General Environmental Duty Applies
16	2\PS321647	Agricultural land	Agricultural land used for cropping and livestock grazing. No potential for contamination.	No Response	No	No Potential for Contamination	No further action required - General Environmental Duty Applies
17	1\PS321647	Agricultural / Residential Area	Agricultural land with residential buildings. Farm-related structures were also noted. The land is used for livestock grazing. No potential for contamination.	No	No	No Potential for Contamination	No further action required - General Environmental Duty Applies
18	31~5\PP2542	Agricultural / Residential Area	Agricultural land with residential buildings. Farm-related structures were also noted. The land is used for cropping and livestock grazing. No potential for contamination.	Yes	No	No Potential for Contamination	No further action required - General Environmental Duty Applies
19	1\TP113226	Boundary	This strip of land has the same owner as Property 18. Some vegetation (trees) was noted from north to south. No potential for contamination.	Yes	No	No Potential for Contamination	No further action required - General Environmental Duty Applies
20	30~5\PP2542	Agricultural / Residential Area	Agricultural land with residential buildings. Farm-related structures were also noted. A few cylindrical above-ground tanks and a couple of unknown stockpiles were noted. The land is used for livestock grazing. No potential for contamination.	No Response	No	No Potential for Contamination	No further action required - General Environmental Duty Applies
21	29~5\PP2542	Agricultural / Residential Area	Agricultural land with residential buildings and a couple of farm-related structures. Eastern boundary features a line of trees parallel to Gillies Road, with similar features in the west, north and southern boundaries forming like a hedge line. The southern portion of the land is used for cropping. No potential for contamination.	Yes	No	No Potential for Contamination	No further action required - General Environmental Duty Applies
22	2042\PP2542	Boundary	This strip of land is almost parallel to a segment of Burrumbeet Creek bisecting Property 8 and Property 24.	No Response	No	No Potential for Contamination	No further action required - General Environmental Duty Applies
23	51~5\PP2542	Vacant Agricultural land	This 10.16 ha property, owned by the Ballarat City Council, is generally a vacant agricultural land that is used for cropping and as pasture land for livestock such sheep / cattle. Previously, there were residential buildings and farm-related structures until the owner demolished all structures in late 2021. A segment of Burrumbeet Creek is encountered at the northern boundary of the property. No potential for contamination.	Yes	No	No Potential for Contamination	No further action required - General Environmental Duty Applies
24	52~5\PP2542	Vacant Agricultural land	This 7.7 ha property, owned by the Ballarat City Council, is generally a vacant agricultural land. A segment of Burrumbeet Creek bisects the property diagonally from west to east and another segment of the Burrumbeet Creek is found at the northern boundary of the property. No potential for contamination.	Yes	No	No Potential for Contamination	No further action required - General Environmental Duty Applies
25	45~5\PP2542	Agricultural / Residential Area	Agricultural land with residential buildings and a few farm-related structures. The property is used for livestock grazing. Hedge lines of trees are located at the middle portion of property as well as a line of trees at the boundary with Cummins Road. The residential building is surrounded by thick vegetation (trees). A segment of Burrumbeet Creek is located at the northern boundary of the property. No potential for contamination.	Yes	No	No Potential for Contamination	No further action required - General Environmental Duty Applies
26	43~5\PP2542	Agricultural / Residential Area	Agricultural land with residential buildings and a few farm-related structures. The property is used for livestock grazing (horses). Paddocks were noted at the northern portion and a farm dam is located adjacent west of Garlands Road at the south-eastern portion of the property. No potential for contamination.	Yes	No	No Potential for Contamination	No further action required - General Environmental Duty Applies
27	2043\PP2542	Boundary	This strip of land serves a property boundary for Property 12 and Property 13 in the north and Property 28 in the south. This strip of land is also almost parallel to a segment of Burrumbeet Creek that runs from east and intersecting Garlands Road in the west. No potential for contamination.	No Response	No	No Potential for Contamination	No further action required - General Environmental Duty Applies

Map reference	Standard parcel identifier	Site use / activity	Description / findings	Consent to land access	Site inspection ¹	Potential for Contamination	Recommended further action ³
28	40~5\PP2542	Agricultural / Residential Area	The property is a 6-ha agricultural land with a horse track at its southern portion adjacent Muir Road. The property also features a hedge line at the middle going from east to west and a line of trees adjacent Garland Road. The land is used for livestock grazing. A segment of Burrumbeet Creek is located at the northern boundary of the property. No potential for contamination.	No Response	No	No Potential for Contamination	No further action required - General Environmental Duty Applies
29	1\PS818238	Agricultural / Residential Area	Agricultural land with residential buildings. Farm-related structures were also noted. The land is used for livestock grazing (horses). Silos were also noted. No potential for contamination.	No	No	No Potential for Contamination	No further action required - General Environmental Duty Applies
30	34~5\PP2542	Agricultural / Residential Area	Agricultural land with residential buildings. Farm-related structures were also noted. The land is used for livestock grazing (horses). Silos were also noted. No potential for contamination.	Yes	No	No Potential for Contamination	No further action required - General Environmental Duty Applies
31	36~5\PP2542	Vacant lot (previously used as sand business)	The topography of the property is generally flat, and the area is mostly grassland. Previously, the property featured paddocks and a horse track. The horse track, situated on the east side, occupies more than half of the area and is raised slightly on a small embankment (approx. 50 cm high) likely out of reworked material or fill. Additional observations: 1) Landowner told Jacobs that their father previously owned the land who used to own a sand business (20-year business on site). 2) There are numerous sand spoil mounds to the southwest corner of the property. The landowner informed Jacobs that it was clean imported sand, but they were struggling to sell the material. Upon inspection, it was evident that spoil mounds included fill material, including metal, brick and ceramic fragments gravel and timber. 3) One isolated spoil mound (tip material) was observed the north-eastern corner of the property. Landowner mentioned that he tried taking it to the tip, but they wouldn't accept the material. 4) One isolated soil mound was observed along the southeast boundary of the site. The origin of the soil was not confirmed. 5) Headlines were noted on the western portion and at the eastern boundary. Likely for wind protection for cattle. 6) Water bore for irrigation is located south of the property. Currently, this bore is covered by 2 large tyres adjacent to the lone shed. 7) No localised depressions or signs of subsidence visible. 8) There were no fuels or chemicals were stored on site and no signs of contamination were observed across the site. In consideration of all these, the property is categorised as medium potential for contamination.	Yes	Yes	Medium	PRSA or audit option applies. PRSA to determine need for audit is recommended.
32	1\TP167559	Boundary	This strip of land has the same owner as Property 31. Sand from the sand stockpiles at Property 31 overlapped to this property. Hedge line was noted covering half of the length of this strip of land from mid-north to south adjacent Muir Road. Medium potential for contamination due to the old stockpiles of sand (imported fill) and other mounds of material that are unverified in terms of source and composition.	Yes	No	Medium	PRSA or audit option applies. PRSA to determine need for audit is recommended.
33	37~5\PP2542	Agricultural / Residential Area	This 5.14 ha property is largely a vacant agricultural land with residential buildings. Various sheds and at least two silos were also noted. The land is used for livestock grazing. Lines of trees forming hedge lines were noted on all sides of its boundary. No potential for contamination.	Yes	No	No Potential for Contamination	No further action required - General Environmental Duty Applies
34	38~5\PP2542	Agricultural / Residential Area	The residential home and other structures are located at the south-eastern portion along Muir Road corner Gillies Road. Various horse paddocks were noted all over the remaining area. Hedge lines were noted on all sides of the property including the hedge lines on the south-eastern corner. No potential for contamination.	No Response	No	No Potential for Contamination	No further action required - General Environmental Duty Applies
35	44~5\PP2542	Agricultural / Residential Area	The residential home and other structures are located at the south-western portion along Cummins Road. A farm dam was noted on the north-eastern portion of the property. The land is used for livestock grazing and cropping. No potential for contamination.	Yes	No	No Potential for Contamination	No further action required - General Environmental Duty Applies
36	1\TP14481	Vacant Agricultural land	This 61.2 ha property is largely a vacant agricultural land with a shed at its southern portion along Cummins Road. The land is used for silage production. The lone southern shed houses round bales of hay / silage. Silage was also noted on at least three other locations within the property. Hedge lines were prominent at the boundaries including inside the property. Historically there were mine shafts reported inside this property. No potential for contamination.	Yes	No	No Potential for Contamination	No further action required - General Environmental Duty Applies
37	1\PS419033	Agricultural / Residential Area	The residential home and other structures are located at the northern portion of the property along Cummins Road. Two farm dams were noted south of the residence. More than 400-m segment of Burrumbeet Creek with notable riparian vegetation is inside the property traversing it from north to south. The land is used for livestock grazing. No potential for contamination.	No Response	No	No Potential for Contamination	No further action required - General Environmental Duty Applies

Map reference	Standard parcel identifier	Site use / activity	Description / findings	Consent to land access	Site inspection ¹	Potential for Contamination	Recommended further action ³
38	S2\PS419033	Vacant Agricultural land	Three sheds and a farm dam were noted inside the property. At its northern boundary, a hedge line was noted along Cummins Road. The land is used for livestock grazing. No potential for contamination.	No Response	No	No Potential for Contamination	No further action required - General Environmental Duty Applies
39	3\LP119240	Agricultural / Residential Area	The property features a residential home at the centre surrounded by trees. No potential for contamination.	No Response	No	No Potential for Contamination	No further action required - General Environmental Duty Applies
40	42A\PP2542	Agricultural land / Pasture land with livestock (cattle)	The topography of the property is generally flat; however it gently slopes downward to the southwest. The land is used for cropping and livestock grazing. There are two farm dams were present – one in the middle and the other located on the middle of its western boundary. Cattles were present in the field central to the site. Additional observations: 1) According to the landowner, there is an old water well to the southeast of the site. 2) There are no natural localised depressions or signs of subsidence visible. 3) There were no fuels or chemicals were stored on site and no signs of contamination were observed across the site. In consideration of all these, the property is categorised as no potential for contamination.	Yes	Yes	No Potential for Contamination No Potential for Contamination	No further action required - General Environmental Duty Applies
41	43A\PP2542	Vacant Agricultural land	The land is used for livestock grazing. A segment of Burrumbeet Creek lies adjacent west from its western boundary and a farm dam is centrally located within the property. No potential for contamination.	No Response	No	No Potential for Contamination	No further action required - General Environmental Duty Applies
42	1\TP908367	Vacant Agricultural land	This 40.9 ha property is located south of Cummins Road. The land is used for silage production as round bales of hay / silage were noted on the northern portion of the property. Hedge lines were prominent along its boundaries including inside the property. No potential for contamination.	Yes	No	No Potential for Contamination	No further action required - General Environmental Duty Applies
43	2\TP908367	Horse rearing / Pasture land / Residential area	The property has a total area of ~62.4 ha with a generally flat topography featuring mostly grasslands. The property has 15 buildings near its southern border. The buildings on-site include stallion barns, hay storage, stalls, vet shed, serving shed, sheep pens, shearing sheds, machinery shed and shop, stalls, and the residential home of the landowner with garage among others. The land is primarily used for horse rearing / livestock grazing. It was noted that there are over 200 racehorses – including foals within the property – some are roaming in the paddocks / agistment yards. Additional Observations: 1) Water wells are present on the property for irrigation purposes. 2) At the time of the site visit, Jacobs did not encounter fuels or chemicals stored on-site. No stock dips were identified in the area. There was also no sign of contamination observed across the property. 3) The operation of this farm is anticipated to generate wastes (carcass burials, fuel spills from routine refilling of farm	Yes	Yes	Medium	PRSA or audit option applies. PRSA to determine need for audit is recommended.
			machineries, rubbish/burning of rubbish, etc). In consideration of all these, the property is categorised as medium potential for contamination.				
44	3\TP908367	Agricultural land	This property has a total area of 51.8 ha with the same flat topography that features grasslands. It is owned by the same owners as Property 43 – BVP Superannuation Nominees Pty Ltd. Certain aspects of the farm operations at Property 43 is carried over at this property such as animal burial locations and burn areas. There are no structures on this property. The southern perimeter of the property is almost parallel to the intersected segment of Burrumbeet Creek. No potential for contamination.	Yes	Yes	No Potential for Contamination	No further action required - General Environmental Duty Applies
45	R2\PP2542	Vacant lot / Crown land	This property is the largest piece of land within Ballarat North PSP with an area ~87.8 ha. This property is also known as the Ballarat Town Commons currently owned by the Ballarat City Council. The site's use is a nature reserve, undeveloped greenfield, and currently there are no structures on-site. The property's topography is generally flat. A segment of Burrumbeet Creek is intersected at the northern boundary, The Western Freeway boarders the site to the southwest – the land slopes up in a northeast to southwest direction towards the freeway embankment. The land dips sightly in the east in the open fields. Additional Observations: 1) At the south / southwestern portion, there are lots of wildlife present (ecological site). 2) A raised standpipe labelled "Gas 1.8, T.O.C" was noted adjacent north of the site entrance, in the northwest corner of the property. It suspected that this is a redundant ground gas monitoring structure. 3) There are no signs of contamination were observed across the property.	Yes	Yes	No Potential for Contamination	No further action required - General Environmental Duty Applies

Map reference	Standard parcel identifier	Site use / activity	Description / findings	Consent to land access	Site inspection ¹	Potential for Contamination	Recommended further action ³
			In consideration of these observations, the property would be categorised as no potential for contamination. Jacobs notes that the property was formerly the subject of a Pollution Abatement Notice (90007792). Details as to the reasons for this PAN are unknown but this has now been revoked.				
46	1\PS331091	Agricultural / Residential Area	The property has a land area of ~25.7 ha. The residential homes and other structures are located at the south and southwestern portion of the property along Sims Road and Gillies Road respectively. A farm dam was noted at the centre of the property. Hedge line at the northern portion as well as lines of trees in the west and southern boundaries were noted. The land is used for livestock grazing. No potential for contamination.	No Response	No	No Potential for Contamination	No further action required - General Environmental Duty Applies
47	RES1\PS519824	Vacant Agricultural land	No structures are present on this property. No potential for contamination.	Yes	No	No Potential for Contamination	No further action required - General Environmental Duty Applies
48	1\TP19007	Storage area	The property (0.25 ha) has a lone cylindrical structure near the centre likely a silo. No potential for contamination.	No Response	No	No Potential for Contamination	No further action required - General Environmental Duty Applies
49	35\PP2046	Vacant Agricultural land	The property has a land area of ~24.6 ha. No structures are present but with some sparsely distributed trees at the southeastern portion of the property. A farm dam near the centre was also noted. Previously, land is used for cropping and livestock grazing. No potential for contamination.	No Response	No	No Potential for Contamination	No further action required - General Environmental Duty Applies
50	2100\PP2046	Sims Road	This 1,380 m long strip of land is also known as Sims Road (unpaved).	No Response	No	No Potential for Contamination	No further action required - General Environmental Duty Applies
51	2\PS622085	Agricultural land with Ballarat Grammar School on-site	The property has a total area of ~50.4 ha and topography-wise, it is generally flat. Adjacent north of the site is Mount Rowan. Ballarat Grammar School is located along Sims Road on the property's northern boundary. Aside from the institutional use of the property, the remaining majority of land is used for livestock grazing / silage production. The perimeter of the property including the inside divisions mostly have hedge lines. Additional Observations: 1) There were no stock dips identified within the property. 2) A farm dam is located south of the Ballarat Grammar School. 3) Small volumes of fuel (<20 Litres) are stored on site in a shed near the property entrance (west of Ballarat Grammar School). Fuel is used for small domestic machinery (e.g. lawnmower). 4) There were no signs of leaks, drips or staining and there are no signs of contamination were observed across the site. In consideration of these observations, the property is categorised as no potential for contamination.	Yes	Yes	No Potential for Contamination	No further action required - General Environmental Duty Applies
52	1\PS622085	Agricultural / Residential Area	This 3.78 ha property is owned by the Ballarat & Queen's Anglican Grammar School. Multiple buildings and farm-related structures were noted inside the property. Previously, land is used for cropping and livestock grazing. No potential for contamination.	Yes	No	No Potential for Contamination	No further action required - General Environmental Duty Applies
53	1\LP98602	Agricultural / Residential Area	This 2-ha property has a residential home located along Olliers Road and has a farm dam at its north-western corner along Gillies Road. Remaining area is largely a vacant lot. No potential for contamination. The land parcel falls within the 500m buffer distance of the former Wendouree Tip. On this basis, assessment of potential risks relating to landfill gas should be considered.	Yes	No	No Potential for Contamination	Completion of landfill gas risk assessment.
54	2\PS503069	Agricultural / Residential Area	The residential home including farm-related structures are located at the north-eastern corner of the property. This 8.9-ha property has three farm dams: one near Gillies Road on the west and the other two are located south of the residence. Hedge lines were noted at the northern and southern boundaries as well as a hedge line dividing the western and eastern portions of the property. Remaining area is largely a vacant lot. Previously, land is used for livestock grazing No potential for contamination. The land parcel falls within the 500m buffer distance of the former Wendouree Tip. On this basis, assessment of potential risks relating to landfill gas should be considered.	Yes	No	No Potential for Contamination	Completion of landfill gas risk assessment.
55	1\PS503069	Residential Area	The residence is centrally located in the 0.4-ha property. The northern, eastern, and western boundaries feature a hedge line surrounding the residence. No potential for contamination. The land parcel falls within the 500m buffer distance of the former Wendouree Tip. On this basis, assessment of potential risks relating to landfill gas should be considered.	No Response	No	No Potential for Contamination	Completion of landfill gas risk assessment.

Map reference	Standard parcel identifier	Site use / activity	Description / findings	Consent to land access	Site inspection ¹	Potential for Contamination	Recommended further action ³
56	1\LP143916	Agricultural / Residential Area with some non- agricultural activities on-site	This 7.7-ha property is largely a vacant agricultural lot except for the various sheds and a residential home at the southeastern corner along Olliers Road. The residential home features hedge lines in its north and west side. Satellite images show what appears to be scattered vehicular scrap metals in between the two largest buildings / sheds north north-east of the residence. The remaining land is used for livestock grazing. Two farm dams were noted west of the residence. Medium potential for contamination due to the presence of what appears to be stockpiles of scrap metals and mounds of other unidentified materials around the main property buildings (elsewhere across this property there no potential for contamination). The land parcel falls within the 500m buffer distance of the former Wendouree Tip. On this basis, assessment of potential risks relating to landfill gas should be considered.	No Response	No	Medium (southern portion of property around main buildings)	PRSA or audit option applies. PRSA to determine need for audit is recommended. This specifically relates to the southern portion of the property around the main property buildings. Completion of landfill gas risk assessment.
						No Potential for Contamination	Completion of landfill gas risk assessment.
57	2\LP143916	Agricultural / Residential Area with some non- agricultural activities on-site	The property has an area of ~10 ha. Property 56 and this property are owned by the same entity). This property's residential home and other structures (various sheds) are located in the south-western corner along Olliers Road making it immediately adjacent to Property 56's various sheds and residential home. Hedge lines at the northern and eastern boundaries were noted including an internal access road connecting this property and Property 56 were noted. A sort-of dumping site at the north-eastern corner of the property was also noticed. Medium potential for contamination around the main property buildings (elsewhere across this property there no potential for contamination). Inter-connecting on-site activities appear to occur between this property and the adjacent Property 56.	No Response	No	Medium (southern portion of property around main buildings)	PRSA or audit option applies. PRSA to determine need for audit is recommended. This specifically relates to the southern portion of the property around the main property buildings.
						No Potential for Contamination	No further action required - General Environmental Duty Applies
58	1\TP832588	Agricultural / Residential Area	The property has an area of ~22.5 ha and is largely a vacant agricultural land except for the residential home and other structures at its south-western corner along Olliers Road. The land is used for silage production. Round bales of hay / silage were noted at the centre and eastern portions of the property. Hedge lines were prominent at the northern and western boundaries including at the south-western corner of the property. Aside from silage production, land is used for livestock grazing with a farm dam also noted at the eastern portion of the property. No potential for contamination.	Yes	No	No Potential for Contamination	No further action required - General Environmental Duty Applies
59	1\TP962488	Olliers Road	This 1,664 m long strip of land is also known as Olliers Road (unpaved).	No Response	No	No Potential for Contamination	No further action required - General Environmental Duty Applies
60	2\TP832588	Vacant Agricultural land	The property has a land area of ~7.2 ha. No structures are present. At the south-eastern corner where Olliers Road and Midland Highway intersects, a swampy area was noted which is likely a tributary stream to Burrumbeet Creek. No potential for contamination.	Yes	No	No Potential for Contamination	No further action required - General Environmental Duty Applies
61	1\TP960919	Residential Area	The residential home occupies the entire 0.11-ha property along Midland Highway. No potential for contamination.	No Response	No	No Potential for Contamination	No further action required - General Environmental Duty Applies
62	1\TP682346	Vacant Agricultural land	The property, owned by the Ballarat City Council, is located at the corner of Olliers Road and Gillies Road. No structures are present. No potential for contamination. The land parcel falls within the 500m buffer distance of the former Wendouree Tip. On this basis, assessment of potential risks relating to landfill gas should be considered.	Yes	No	No Potential for Contamination	Completion of landfill gas risk assessment.
63	2\TP682346	Vacant Agricultural land	This property is owned by the Ballarat City Council. No structures are present. A few trees were noted within the property. No potential for contamination. The land parcel falls within the 500m buffer distance of the former Wendouree Tip. On this basis, assessment of potential risks relating to landfill gas should be considered.	Yes	No	No Potential for Contamination	Completion of landfill gas risk assessment.

Map reference	Standard parcel identifier	Site use / activity	Description / findings	Consent to land access	Site inspection ¹	Potential for Contamination	Recommended further action ³
64	5\TP682346	Boundary	This strip of land has the same owner as Property 62 and 63. Some vegetation (trees) was noted at the northern portion. No potential for contamination. The land parcel falls within the 500m buffer distance of the former Wendouree Tip. On this basis, assessment of potential risks relating to landfill gas should be considered.	Yes	No	No Potential for Contamination	Completion of landfill gas risk assessment.
65	4\TP682346	Vacant Agricultural land	This property is owned by the Ballarat City Council. No structures are present. A couple of trees were noted within the property. No potential for contamination. The land parcel falls within the 500m buffer distance of the former Wendouree Tip. On this basis, assessment of potential risks relating to landfill gas should be considered.	Yes	No	No Potential for Contamination	Completion of landfill gas risk assessment.
66	7\TP749301	Vacant Agricultural land	This property is owned by the Ballarat City Council. No structures are present. A couple of trees were noted within the property. No potential for contamination. The land parcel falls within the 500m buffer distance of the former Wendouree Tip. On this basis, assessment of potential risks relating to landfill gas should be considered.	Yes	No	No Potential for Contamination	Completion of landfill gas risk assessment.
67	1\TP749301	Vacant Agricultural land	This property is owned by the Ballarat City Council. No structures are present. A couple of trees were noted within the property. No potential for contamination. The land parcel falls within the 500m buffer distance of the former Wendouree Tip. On this basis, assessment of potential risks relating to landfill gas should be considered.	Yes	No	No Potential for Contamination	Completion of landfill gas risk assessment.
68	B~25\PP2046	Agricultural / Residential Area	This ~2.02-ha property has a residential home with farm-related structures including a horse paddock located along Olliers Road. Remaining area is largely a vacant lot used for livestock grazing. Hedge line on the eastern boundary and at the south-western corner were observed. No potential for contamination. The land parcel falls within the 500m buffer distance of the former Wendouree Tip. On this basis, assessment of potential risks relating to landfill gas should be considered.	No	No	No Potential for Contamination	Completion of landfill gas risk assessment.
69	25C\PP2046	Agricultural / Residential Area	This ~2.02-ha property has a residential home with farm-related structures situated at the southern portion of the property. At the northern portion, there's a horse paddock located at the corner of Olliers Road and Noble Court Road. South of the paddock, wooden crates are stockpiled at the centre. Another smaller paddock is situated north of the residence with a soil of different colour. Remaining area in the west side is largely a vacant lot used for livestock grazing. Hedge line dividing the western and eastern sections of the property including hedge lines at the boundaries were observed. No potential for contamination. The land parcel falls within the 500m buffer distance of the former Wendouree Tip. On this basis, assessment of potential risks relating to landfill gas should be considered.	No Response	No	No Potential for Contamination	Completion of landfill gas risk assessment.
70	1\TP551446	Vacant lot	This property is currently a vacant block of land. Jacobs understands that the site owner has conducted a PSI for this site (as well as adjacent properties 71, 72 and 73) and has identified the need for environmental clean-up activities. Jacobs understands that the landowner plans to implement remediation activities in 2024. Jacobs notes that the completion of the PSI, and the indication that remediation is to be performed at these properties does not negate the need for the completion of an environmental audit in order to assess the suitability of the land for potentially sensitive future uses. The land parcel falls within the 500m buffer distance of the former Wendouree Tip. On this basis, assessment of potential risks relating to landfill gas should be considered.	No Response	No	High	PRSA or audit option applies. Proceeding directly to an audit is recommended. This should include the completion of landfill gas risk assessment.
71	5\TP805211	Vacant lot	This property has a total area of ~7.71 ha and it has a flat topography. The area is predominantly vegetated, with low to medium height grass (<1 m tall) and some tree vegetation mostly in the northern portion along Olliers Road. The property has a lone structure present (brick house) although previously there were reportedly sheds near the brick house Historically, this property also had chemical storage shed near the brick house as well as stockpiles of waste/debris. In consideration of all these, the property is categorised as high potential for contamination. Jacobs understands that the site owner has conducted a PSI for this site (as well as adjacent properties 71, 72 and 73) and has identified the need for environmental clean-up activities. Jacobs understands that the landowner plans to implement remediation activities in 2024. Jacobs notes that the completion of the PSI, and the indication that remediation is to be performed at these properties does not negate the need for the completion of an environmental audit in order to assess the suitability of the land for potentially sensitive future uses.	Yes	Yes	High	PRSA or audit option applies. Proceeding directly to an audit is recommended.
72	4\TP805211	Agricultural land with Ballarat Grammar School on-site	Similar to Property 71, this property has a flat topography with low to medium height grasses (<1 m tall) as vegetative cover. A larger brick house is located at the north-western corner of the site. There are no above ground or underground storage tanks in the area. A farm dam is located at the south-eastern corner of the property. Historically, this property had stockpiles of waste/debris related to mine tailings and heaps or rubbish scattered all over its north-western and north-	Yes	Yes	High	PRSA or audit option applies. Proceeding directly to an audit is recommended.

Map reference	Standard parcel identifier	Site use / activity	Description / findings	Consent to land access	Site inspection ¹	Potential for Contamination	Recommended further action ³
			eastern portion. Jacobs also observed burned soil patches in north-west and north-central portions. Bare soil batches near heavy machinery at rear of site. In consideration of all these, the property is categorised as high potential for contamination. Jacobs understands that the site owner has conducted a PSI for this site (as well as adjacent properties 71, 72 and 73) and has identified the need for environmental clean-up activities. Jacobs understands that the landowner plans to implement remediation activities in 2024. Jacobs notes that the completion of the PSI, and the indication that remediation is to be performed at these properties does not negate the need for the completion of an environmental audit in order to assess the suitability of the land for potentially sensitive future uses.				
73	3\TP805211	Vacant land	This property features a derelict wood house and sheds located at its northern portion. Within this area, asbestos fragments and cement sheets (good condition) were observed on the ground and around the disused sheds near the boundary of Property 72 and this property. In addition, Jacobs observed scattered bare soil patches across the mine tailings stockpile (located south-east and ~1 ha in area). Also there were scattered animal bones across the stockpiles. Minor burned waste ("burnt areas") situated in the north-west and north-central portions, approximately 2 x 2 m were observed. This property is immediately adjacent to Property 74 which is under EAO. In consideration of all these, the property is categorised as high potential for contamination. Jacobs understands that the site owner has conducted a PSI for this site (as well as adjacent properties 71, 72 and 73) and has identified the need for environmental clean-up activities. Jacobs understands that the landowner plans to implement remediation activities in 2024. Jacobs notes that the completion of the PSI, and the indication that remediation is to be performed at these properties does not negate the need for the completion of an environmental audit in order to assess the suitability of the land for potentially sensitive future uses.	Yes	Yes	High	PRSA or audit option applies. Proceeding directly to an audit is recommended.
74	2\TP805211	Vacant lot	This property is subject to an Environmental Audit Overlay (EAO) by EPA Victoria. This property was also the location of the Mount Raven Mullock Heap1. It is recommended that a medium potential for contamination exists that warrants a PRSA in the first instance to assess whether an audit is required.	Yes	No	No Potential for Contamination	No further action required - General Environmental Duty Applies
75	1\TP805211	Vacant lot	The property has a land area of ~2.6 ha. No structures are present. The tributary stream of Burrumbeet Creek that emanated from Property 60, runs within the property from north to south. This property is subject to an EAO (along with property 74 and 97). It is recommended that a medium potential for contamination exists that warrants a PRSA in the first instance to assess whether an audit is required.	Yes	No	Medium	PRSA or audit option applies. PRSA to determine need for audit is recommended.
76	H~26\PP2046	Vacant lot	The property is owned by the Department of Sustainability and Environment and has a land area of ~1.2 ha. There's a lone structure (a shed) at the southern portion. A segment of Burrumbeet creek running from east to west is located at the northern portion of the property. No potential for contamination. The land parcel falls within the 500m buffer distance of the former Wendouree Tip. On this basis, assessment of potential risks relating to landfill gas should be considered.	Yes	No	No Potential for Contamination	Completion of landfill gas risk assessment.
77	G~26\PP2046	Asphalting services	The plant of Smith & Wil Asphalting Pty Ltd sits on a 0.81-ha property along Gillies Road, right across the Ballarat North Water Reclamation Plant which is under is under 53V Audit category of EPA Victoria. Aside from asphalting services, Smith and Will also provide other services such as heavy equipment for hire, road crack works, and bitumen spray sealing. Therefore, this property is categorised as high potential for contamination. The land parcel falls within the 500m buffer distance of the former Wendouree Tip. On this basis, assessment of potential risks relating to landfill gas should be considered.	No Response	No	High	PRSA or audit option applies. Proceeding directly to an audit is recommended. This should include the completion of landfill gas risk assessment.
78	3\TP682346	Vacant Agricultural land	This property is owned by the Ballarat City Council. No structures are present. A segment of Burrumbeet Creek traversed the property from east to west that runs for ~125 m. No potential for contamination. The land parcel falls within the 500m buffer distance of the former Wendouree Tip. On this basis, assessment of potential risks relating to landfill gas should be considered.	Yes	No	No Potential for Contamination	Completion of landfill gas risk assessment.
79	6\TP682346	Vacant Agricultural land	This property is owned by the Ballarat City Council. No structures are present. No potential for contamination. The land parcel falls within the 500m buffer distance of the former Wendouree Tip. On this basis, assessment of potential risks relating to landfill gas should be considered.	Yes	No	No Potential for Contamination	Completion of landfill gas risk assessment.
80	5\TP749301	Vacant Agricultural land	This property is owned by the Ballarat City Council. No structures are present. At the northern and western boundaries, there's a line of trees that were noted. No potential for contamination. The land parcel falls within the 500m buffer distance of the former Wendouree Tip. On this basis, assessment of potential risks relating to landfill gas should be considered.	Yes	No	No Potential for Contamination	Completion of landfill gas risk assessment.

Map reference	Standard parcel identifier	Site use / activity	Description / findings	Consent to land access	Site inspection ¹	Potential for Contamination	Recommended further action ³
81	3\TP749301	Vacant Agricultural land	This property is owned by the Ballarat City Council. No structures are present. At the northern boundary, a hedge line was noted. No potential for contamination. The land parcel falls within the 500m buffer distance of the former Wendouree Tip. On this basis, assessment of potential risks relating to landfill gas should be considered	Yes	No	No Potential for Contamination	Completion of landfill gas risk assessment.
82	7\TP682346	Vacant Agricultural land	This property is owned by the Ballarat City Council. No structures are present. A segment of Burrumbeet Creek that runs from east to west (~70 m) was noted. No potential for contamination. The land parcel falls within the 500m buffer distance of the former Wendouree Tip. On this basis, assessment of potential risks relating to landfill gas should be considered.	Yes	No	No Potential for Contamination	Completion of landfill gas risk assessment.
83	6\TP749301	Vacant Agricultural land	This property is owned by the Ballarat City Council. No structures are present. A segment of Burrumbeet Creek that runs from west to south (~58 m) and a couple of trees were noted. No potential for contamination. The land parcel falls within the 500m buffer distance of the former Wendouree Tip. On this basis, assessment of potential risks relating to landfill gas should be considered.	Yes	No	No Potential for Contamination	Completion of landfill gas risk assessment.
84	2\TP749301	Vacant Agricultural land	This property is owned by the Ballarat City Council. No structures are present. No potential for contamination. The land parcel falls within the 500m buffer distance of the former Wendouree Tip. On this basis, assessment of potential risks relating to landfill gas should be considered.	Yes	No	No Potential for Contamination	Completion of landfill gas risk assessment.
85	4\TP749301	Boundary	Strip of land is owned by the Ballarat City Council. No structures are present. A small segment (18 m) of Burrumbeet Creek was noted traversing at its western portion. No potential for contamination. The land parcel falls within the 500m buffer distance of the former Wendouree Tip. On this basis, assessment of potential risks relating to landfill gas should be considered.	Yes	No	No Potential for Contamination	Completion of landfill gas risk assessment.
86	1\LP115325	Agricultural / Residential Area	The property has a land area of ~2.02 ha. The residential homes and other structures are located at the south-eastern portion of the property along Noble Court Road. Hedge lines at the north-western portion as well as at the eastern side of the property were noted. The land is used for livestock grazing. No potential for contamination. The land parcel falls within the 500m buffer distance of the former Wendouree Tip. On this basis, assessment of potential risks relating to landfill gas should be considered.	Yes	No	No Potential for Contamination	Completion of landfill gas risk assessment.
87	2\LP115325	Vacant Agricultural land	This property has no structures are present. Mounds of cut vegetation and used tires were noted. The land is used for livestock grazing. No potential for contamination. The land parcel falls within the 500m buffer distance of the former Wendouree Tip. On this basis, assessment of potential risks relating to landfill gas should be considered.	No Response	No	No Potential for Contamination	Completion of landfill gas risk assessment.
88	1\TP832150	Warehousing / Storage	At least 6 buildings that appears to be storage units are centrally located in this property. The perimeter is steel fenced and at the south-eastern corner there is what appears to be a farm dam. This property is down gradient from the inferred location of the former Wendouree Tip. On this basis, the potential for contamination of this site from the adjacent landfill is considered to be medium. The land parcel falls within the 500m buffer distance of the former Wendouree Tip. On this basis, assessment of potential risks relating to landfill gas should be considered.	No Response	No	Medium	PRSA or audit option applies. PRSA to determine need for audit is recommended. Completion of landfill gas risk assessment.
89	1\TP846572	Vacant Agricultural land	This property is owned by the Ballarat City Council. No structures are present. This property is down gradient from the inferred location of the former Wendouree Tip. On this basis, the potential for contamination of this site from the adjacent landfill is considered to be medium. The land parcel falls within the 500m buffer distance of the former Wendouree Tip. On this basis, assessment of potential risks relating to landfill gas should be considered.	Yes	No	Medium	PRSA or audit option applies. PRSA to determine need for audit is recommended. Completion of landfill gas risk assessment.
90	3\TP846568	Vacant Agricultural land	This property is in the inferred location of the former Wendouree Tip that Jacobs understand was closed in the late 1980s. It is currently owned by the Ballarat City Council. Little information is known about the true lateral extent of this former landfill. No structures are currently present at the site. High potential for contamination.	Yes	No	High	PRSA or audit option applies. Proceeding directly to an audit is recommended. Completion of landfill gas risk assessment.
91	2047\PP2046	Boundary	Strip of land is owned by the Ballarat City Council. No structures are present. This property is sandwiched between Property 90 on the west and Properties 92 and 100 on the east. This property is in the inferred location of the former Wendouree	No Response	No.	High	PRSA or audit option applies. Proceeding

Map reference	Standard parcel identifier	Site use / activity	Description / findings	Consent to land access	Site inspection ¹	Potential for Contamination	Recommended further action ³
			Tip that Jacobs understand was closed in the late 1980s. Little information is known about the true lateral extent of this former landfill. No structures are currently present at the site. High potential for contamination.				directly to an audit is recommended. Completion of landfill gas risk assessment.
92	1\TP846568	Vacant Agricultural land	This property is in the inferred location of the former Wendouree Tip that Jacobs understand was closed in the late 1980s. It is currently owned by the Ballarat City Council. Little information is known about the true lateral extent of this former landfill. A 148 m segment of Burrumbeet Creek traversed the property from north to south-east. No structures are currently present at the site. High potential for contamination.	Yes	No	High	PRSA or audit option applies. Proceeding directly to an audit is recommended. Completion of landfill gas risk assessment.
93	A~18\PP2046	Vacant Agricultural land	This property is owned by the Ballarat City Council. No structures are present. A 40 m segment of Burrumbeet Creek intersected the south-west corner of the property. A line of trees was noted on the northern boundary of the property. Since the adjacent properties to its the west to its south were assessed as "high" due to the former Wendouree Tip, this property has medium potential for contamination. The land parcel falls within the 500m buffer distance of the former Wendouree Tip. On this basis, assessment of potential risks relating to landfill gas should be considered.	Yes	No	Medium	PRSA or audit option applies. PRSA to determine need for audit is recommended. Completion of landfill gas risk assessment.
94	4\TP846568	Vacant Agricultural land	This property is owned by the Ballarat City Council. No structures are present. A 104 m segment of Burrumbeet Creek traversed the property from west to south-east. No potential for contamination. The land parcel falls within the 500m buffer distance of the former Wendouree Tip. On this basis, assessment of potential risks relating to landfill gas should be considered.	Yes	No	No Potential for Contamination	Completion of landfill gas risk assessment.
95	5\TP846568	Vacant Agricultural land	This property is owned by the Ballarat City Council. No structures are present. The eastern boundary features a line of trees that functions as hedge line. The land is used for livestock grazing. No potential for contamination. The land parcel falls within the 500m buffer distance of the former Wendouree Tip. On this basis, assessment of potential risks relating to landfill gas should be considered.	Yes	No	No Potential for Contamination	Completion of landfill gas risk assessment.
96	1\TP854190	Vacant Agricultural land	The property has an area of 18 ha and the land is used for livestock grazing. Burrumbeet Creek runs parallel to the southern border of the property. There are at least five structures at the north-western corner of the property in close proximity to Property 70 that is subject to an EAO. The property therefore is categorised as medium potential for contamination. The land parcel falls within the 500m buffer distance of the former Wendouree Tip. On this basis, assessment of potential risks relating to landfill gas should be considered.	Yes	No	Medium	PRSA or audit option applies. PRSA to determine need for audit is recommended. Completion of landfill gas risk assessment.
97	1\TP10145	Vacant Agricultural land	The property has an area of ~7.15 ha. No structures are present. The tributary stream that emanated from Property 60 traversed the property from north to south and joined the Burrumbeet Creek 88 m south of the boundary. An EAO has been applied across a portion of this property, however it is understood that the activities that gave rise to this original EAO did not occur at this property.	Yes	No	No Potential for Contamination	No further action required - General Environmental Duty Applies
98	1\TP940287	Vacant Agricultural land	This property is in the inferred location of the former Wendouree Tip that Jacobs understand was closed in the late 1980s. It is currently owned by the Ballarat City Council. Little information is known about the true lateral extent of this former landfill. No structures are currently present at the site. High potential for contamination.	Yes	No	High	PRSA or audit option applies. Proceeding directly to an audit is recommended. Completion of landfill gas risk assessment.
99	F~17\PP2046	Vacant Agricultural land	This property is in the inferred location of the former Wendouree Tip that Jacobs understand was closed in the late 1980s. It is currently owned by the Ballarat City Council. Little information is known about the true lateral extent of this former landfill. No structures are currently present at the site. High potential for contamination.	Yes	No	High	PRSA or audit option applies. Proceeding directly to an audit is recommended. Completion of landfill gas risk assessment.
100	8\TP846568	Vacant Agricultural land	This property is in the inferred location of the former Wendouree Tip that Jacobs understand was closed in the late 1980s. It is currently owned by the Ballarat City Council. Little information is known about the true lateral extent of this former landfill. No structures are currently present at the site. High potential for contamination.	Yes	No	High	PRSA or audit option applies. Proceeding directly to an audit is recommended.

Map reference	Standard parcel identifier	Site use / activity	Description / findings	Consent to land access	Site inspection ¹	Potential for Contamination	Recommended further action ³
							Completion of landfill gas risk assessment.
101	2\TP846568	Vacant Agricultural land	This property is in the inferred location of the former Wendouree Tip that Jacobs understand was closed in the late 1980s. It is currently owned by the Ballarat City Council. Little information is known about the true lateral extent of this former landfill. No structures are currently present at the site. High potential for contamination.	Yes	No	High	PRSA or audit option applies. Proceeding directly to an audit is recommended. Completion of landfill gas risk assessment.
102	9\TP846568	Boundary	This property is in the inferred location of the former Wendouree Tip that Jacobs understand was closed in the late 1980s. It is currently owned by the Ballarat City Council. Little information is known about the true lateral extent of this former landfill. No structures are currently present at the site. High potential for contamination.	Yes	No	High	PRSA or audit option applies. Proceeding directly to an audit is recommended. Completion of landfill gas risk assessment.
103	7\TP846568	Vacant Agricultural land	This property is owned by the Ballarat City Council. No structures are present. A 50-m segment of Burrumbeet Creek intersected the property from the north to east. No potential for contamination. The land parcel falls within the 500m buffer distance of the former Wendouree Tip. On this basis, assessment of potential risks relating to landfill gas should be considered.	Yes	No	No Potential for Contamination	Completion of landfill gas risk assessment.
104	6\TP846568	Vacant Agricultural land	This property is owned by the Ballarat City Council. No structures are present. A 110-m segment of Burrumbeet Creek traversed the property from the west to east. No potential for contamination. The land parcel falls within the 500m buffer distance of the former Wendouree Tip. On this basis, assessment of potential risks relating to landfill gas should be considered.	Yes	No	No Potential for Contamination	Completion of landfill gas risk assessment.

Notes:

^{1.} Yes – denotes properties that were viewed from publicly accessible areas for the purposes of completing a site observations. Observations presented relate to both visual on-site observations as well as observations made from aerial images of the site.

^{2.} No – denotes properties that were not directly accesses for the purposes of completing a site inspection. Observations are those made based on review of aerial images.

^{3.} Recommended further actions are based on an assumed future residential / sensitive land use.