



October 2025 - Groundwater, Surface Water and Surface Gas Monitoring Analytical Results

	Field						Inorganics							
	Methane	Depth to groundwater (measured)	DO (Field)	Electrical Conductivity (Non Compensated)	pH (Field)	Temp (Field)	Ammonia as N	Alkalinity (total) as CaCO ₃	BOD	Chloride	Nitrate (as N)	Phosphate	Fluoride	Sodium (filtered)
	ppm	m	mg/L	µS/cm	-	oC	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
EQL	5	0.01	0.01	1	0.01	0.1	0.01	1	2	1	0.01	0.01	0.1	1

Site ID	EPL No.	Location Code	Sampled Date	Methane	Depth to groundwater (measured)	DO (Field)	Electrical Conductivity (Non Compensated)	pH (Field)	Temp (Field)	Ammonia as N	Alkalinity (total) as CaCO ₃	BOD	Chloride	Nitrate (as N)	Phosphate	Fluoride	Sodium (filtered)
Buttonderry	1	B_BTU	10 Oct 2025	-	-	1.41	950	7.39	20.4	0.57	72	6	186	<0.01	0.01	0.1	91
Buttonderry	2	B_BTM	10 Oct 2025	-	-	2.91	1,192	6.93	20.7	0.36	56	4	226	<0.01	<0.01	0.1	110
Buttonderry	3	B_BT D	10 Oct 2025	-	-	1.67	986	7.06	20	0.87	86	2	212	0.01	0.01	0.2	108
Buttonderry	4	B_BT20	10 Oct 2025	-	1.36	2.86	11,110	6.34	19.8	0.47	537	<2	3,480	0.09	<0.01	0.2	2,000
Buttonderry	5	B_BT19	10 Oct 2025	-	0.2	2.31	11,961	6.39	19.9	0.04	652	<2	3,680	<0.01	0.01	0.4	2,140
Buttonderry	6	B_BT17	10 Oct 2025	-	2.44	5.14	13,822	6.79	19.1	<0.01	668	<2	4,410	<0.01	0.42	0.7	2,550
Buttonderry	7	B_BT16	10 Oct 2025	-	2.02	2.31	11,500	6.44	20	0.03	720	<2	3,620	<0.01	0.03	0.5	1,920
Buttonderry	9	B_BT4	10 Oct 2025	-	0.93	2.47	14,651	5.8	24.3	0.37	182	<2	4,490	<0.01	<0.01	0.1	2,540
Buttonderry	11	B_BT3	10 Oct 2025	-	1.99	1.6	14,644	5.59	19.4	0.49	162	<2	4,860	0.01	<0.01	0.2	2,460
Buttonderry	12	B_TB1	10 Oct 2025	-	1.87	0.84	1,216	7	24.9	2.63	606	5	41	<0.01	<0.01	1.5	90
Buttonderry	13	B_TB2	10 Oct 2025	-	1.61	4.85	11,034	6.14	23.5	0.16	198	<2	3,540	0.04	<0.01	0.3	1,860
Buttonderry	14	B_B	10 Oct 2025	-	3.32	5.11	9,671	6.25	22.5	<0.01	188	<2	4,660	<0.01	<0.01	0.4	2,340
Buttonderry	15	Area 1	01 Oct 2025	<5*	-	-	-	-	-	-	-	-	-	-	-	-	-
Buttonderry	16	Area 2	01 Oct 2025	440*	-	-	-	-	-	-	-	-	-	-	-	-	-
Buttonderry	17	Area 3	01 Oct 2025	1,400*	-	-	-	-	-	-	-	-	-	-	-	-	-
Buttonderry	18	Gatehouse	01 Oct 2025	<5*	-	-	-	-	-	-	-	-	-	-	-	-	-
Buttonderry	19	B_Discharge Point 1	10 Oct 2025	-	-	7.74	2,287	8.79	31.3	0.39	-	-	-	-	-	-	-
Buttonderry	20	B_Discharge Point 2	10 Oct 2025	-	-	7.29	2,020	7.85	25.1	8.13	-	-	-	-	-	-	-
Buttonderry	22	B_101S	10 Oct 2025	-	3.45	4.67	14,569	6.12	23.2	0.02	278	<2	6,200	0.03	<0.01	0.3	3,120
Buttonderry	23	B_102S	10 Oct 2025	-	2.54	4.12	16,264	5.11	19.1	0.06	53	<2	2,770	<0.01	<0.01	0.7	1,660
Buttonderry	24	B_103D	10 Oct 2025	-	2.93	4.64	6,751	5.26	25.9	0.13	48	<2	2,100	0.02	<0.01	0.1	1,210
Buttonderry	25	B_104S	10 Oct 2025	-	2.33	1.55	2,227	6.15	21.6	0.50	406	<2	326	0.02	<0.01	0.5	378
Buttonderry	26	B_105S	10 Oct 2025	-	1.79	3.21	2,784	6.5	23.1	0.73	486	<2	625	0.02	<0.01	0.4	508
Buttonderry	27	B_617S	10 Oct 2025	-	2.1	1.18	10,248	5.12	19.2	0.54	106	<2	3,090	<0.01	<0.01	<0.1	1,950
Buttonderry	28	B_613s	10 Oct 2025	-	3.21	-	10,477	5.38	20.5	0.34	87	5	3,520	<0.10	<0.10	<0.1	1,840
Buttonderry	29	B_902	10 Oct 2025	-	3.12	4.44	13,555	6.77	26.8	<0.01	624	<2	4,140	0.01	0.07	0.8	2,340
Buttonderry	30	B_901	10 Oct 2025	-	5.05	3.32	10,221	6.61	19.2	0.19	691	<2	3,350	<0.01	<0.01	0.5	1,930
Buttonderry	31	B_110D	10 Oct 2025	-	3.24	2.07	12,700	6.16	25.7	0.02	531	<2	3,880	<0.01	<0.01	0.9	2,270
Buttonderry	32	B_111S	10 Oct 2025	-	3.21	2.52	15,693	4.54	23.4	0.16	<1	<2	5,040	<0.01	0.44	0.3	2,720
Buttonderry	33	B_112D	07 Oct 2025	-	2.11	-	10,018	4.43	19.4	0.12	13	<2	3,790	0.03	<0.01	0.3	2,050
Buttonderry	34	B_113s	10 Oct 2025	-	1.8	2.79	2,218	6.45	58.9	0.74	277	<2	571	0.03	<0.01	0.2	414

Notes: * denotes maximum concentration recorded within monitoring area.

^ denotes reading collected from sewer sump outside of office building

NT denotes 'not tested', Laboratory error, field pH was collected

A copy of the Environment Protection Licence (EPL) can be viewed at:

[5955.pdf \(nsw.gov.au\)](#)

Condition M2.2 - Air Monitoring Requirements - Monthly Surface Gas

Condition M2.3 - Water and/ or Land Monitoring Requirements - Quarterly/

Yearly Groundwater and Surface Water

Date pollution monitoring data was obtained by licensee: 04/11/2025

Buttonderry Waste Management Facility - EPL 5955

850 Hue Hue Road, Jilliby NSW 2259



October 2025 - Groundwater, Surface Water and Surface Gas Monitoring Analytical Results

	Inorganics		Metals													
	TOC	Aluminium (filtered)	Arsenic (filtered)	Barium (filtered)	Cadmium (filtered)	Calcium (filtered)	Chromium (hexavalent) (filtered)	Cobalt (filtered)	Chromium (III+VI)	Copper (filtered)	Iron (filtered)	Lead (filtered)	Magnesium (filtered)	Manganese (filtered)		
EQL	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
	1	0.01	0.001	0.001	0.0001	1	0.01	0.001	0.001	0.001	0.05	0.001	1	0.001		

Site ID	EPL No.	Location Code	Sampled Date	TOC	Aluminium (filtered)	Arsenic (filtered)	Barium (filtered)	Cadmium (filtered)	Calcium (filtered)	Chromium (hexavalent) (filtered)	Cobalt (filtered)	Chromium (III+VI)	Copper (filtered)	Iron (filtered)	Lead (filtered)	Magnesium (filtered)	Manganese (filtered)
Buttonderry	1	B_BTU	10 Oct 2025	33	0.21	0.002	0.069	<0.0001	8	<0.01	0.019	0.001	<0.001	9.98	<0.001	16	4.33
Buttonderry	2	B_BTM	10 Oct 2025	22	0.08	<0.001	0.043	<0.0001	8	<0.01	0.007	<0.001	<0.001	4.16	<0.001	15	1.56
Buttonderry	3	B_BT D	10 Oct 2025	21	0.08	0.001	0.037	<0.0001	11	<0.01	0.004	<0.001	<0.001	2.24	<0.001	14	1.44
Buttonderry	4	B_BT20	10 Oct 2025	37	<0.01	0.001	0.268	<0.0001	46	<0.01	0.006	0.013	<0.001	3.11	<0.001	218	1.08
Buttonderry	5	B_BT19	10 Oct 2025	27	<0.01	<0.001	0.039	0.0001	70	<0.01	0.024	<0.001	<0.001	<0.05	<0.001	209	2.20
Buttonderry	6	B_BT17	10 Oct 2025	3	<0.01	0.001	0.031	<0.0001	44	<0.01	0.038	0.005	<0.001	<0.05	<0.001	286	0.087
Buttonderry	7	B_BT16	10 Oct 2025	2	<0.01	<0.001	0.034	<0.0001	102	<0.01	0.006	0.002	<0.001	0.06	<0.001	298	0.225
Buttonderry	9	B_BT4	10 Oct 2025	2	<0.01	0.007	0.076	<0.0001	50	<0.01	0.065	0.002	<0.001	29.6	<0.001	301	1.29
Buttonderry	11	B_BT3	10 Oct 2025	3	<0.01	0.005	0.084	<0.0001	64	<0.01	0.068	0.022	<0.001	40.4	<0.001	381	1.80
Buttonderry	12	B_TB1	10 Oct 2025	42	<0.01	0.006	0.193	<0.0001	125	<0.01	<0.001	0.009	<0.001	9.51	<0.001	26	0.260
Buttonderry	13	B_TB2	10 Oct 2025	3	0.01	<0.001	0.042	<0.0001	42	<0.01	0.026	0.114	0.004	<0.05	<0.001	214	1.26
Buttonderry	14	B_B	10 Oct 2025	3	<0.01	<0.001	0.036	<0.0001	44	<0.01	0.035	0.010	<0.001	<0.05	<0.001	326	1.40
Buttonderry	15	Area 1	01 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Buttonderry	16	Area 2	01 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Buttonderry	17	Area 3	01 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Buttonderry	18	Gatehouse	01 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Buttonderry	19	B_Discharge Point 1	10 Oct 2025	38	-	-	-	-	-	-	-	-	-	-	-	-	-
Buttonderry	20	B_Discharge Point 2	10 Oct 2025	49	-	-	-	-	-	-	-	-	-	-	-	-	-
Buttonderry	22	B_101S	10 Oct 2025	22	<0.01	<0.001	0.050	0.0001	32	<0.01	0.021	0.030	0.002	0.24	<0.001	510	0.518
Buttonderry	23	B_102S	10 Oct 2025	38	0.20	<0.001	0.042	0.0006	7	<0.01	0.159	0.024	0.001	<0.05	<0.001	182	3.57
Buttonderry	24	B_103D	10 Oct 2025	47	<0.01	0.001	0.018	<0.0001	8	<0.01	0.067	0.005	0.001	0.10	<0.001	95	0.369
Buttonderry	25	B_104S	10 Oct 2025	38	0.02	0.001	0.102	<0.0001	21	<0.01	0.007	0.074	0.002	13.1	<0.001	32	0.370
Buttonderry	26	B_105S	10 Oct 2025	105	<0.01	0.001	0.174	<0.0001	17	<0.01	0.003	0.004	0.005	2.60	<0.001	48	0.279
Buttonderry	27	B_617S	10 Oct 2025	28	0.02	0.001	0.021	<0.0001	7	<0.01	0.114	0.038	<0.001	13.4	<0.001	150	0.829
Buttonderry	28	B_613s	10 Oct 2025	39	<0.01	<0.001	0.225	<0.0001	13	<0.01	0.222	0.640	<0.001	45.4	<0.001	179	5.46
Buttonderry	29	B_902	10 Oct 2025	24	<0.01	<0.001	0.033	0.0001	80	<0.01	<0.001	0.015	<0.001	<0.05	<0.001	314	0.144
Buttonderry	30	B_901	10 Oct 2025	3	<0.01	<0.001	0.050	<0.0001	94	<0.01	0.015	0.007	<0.001	2.57	<0.001	213	1.34
Buttonderry	31	B_110D	10 Oct 2025	46	<0.01	<0.001	0.022	<0.0001	43	<0.01	0.029	<0.001	<0.001	<0.05	<0.001	247	0.219
Buttonderry	32	B_111S	10 Oct 2025	46	1.72	0.006	0.044	<0.0001	7	<0.01	0.004	0.012	<0.001	19.7	0.005	329	0.038
Buttonderry	33	B_112D	07 Oct 2025	11	1.02	<0.001	0.038	<0.0001	7	<0.01	0.032	0.002	<0.001	9.33	0.002	207	0.074
Buttonderry	34	B_113s	10 Oct 2025	42	<0.01	0.002	0.056	<0.0001	14	<0.01	0.002	0.004	<0.001	4.70	<0.001	31	0.518

Notes: * denotes maximum concentration recorded within monitoring area.

^ denotes reading collected from sewer sump outside of office building

NT denotes 'not tested', Laboratory error, field pH was collected

A copy of the Environment Protection Licence (EPL) can be viewed at:

[5955.pdf \(nsw.gov.au\)](#)

Condition M2.2 - Air Monitoring Requirements - Monthly Surface Gas

Condition M2.3 - Water and/ or Land Monitoring Requirements - Quarterly/

Yearly Groundwater and Surface Water

Date pollution monitoring data was obtained by licensee: 04/11/2025

Buttonderry Waste Management Facility - EPL 5955

850 Hue Hue Road, Jilliby NSW 2259



October 2025 - Groundwater, Surface Water and Surface Gas Monitoring Analytical Results



	Metals			Physical Parameters		NA	Monocyclic aromatic hydrocarbons								
	Mercury (filtered)	Potassium (filtered)	Zinc (filtered)	Total Dissolved Solids @180°C	TSS	Sulfate as SO4 - Turbidimetric (filtered)	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	Isopropylbenzene	n-butylbenzene	n-propylbenzene	p-isopropyltoluene	sec-butylbenzene	Styrene	
	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	
EQL	0.0001	1	0.005	10	5	1	5	5	5	5	5	5	5	5	

Site ID	EPL No.	Location Code	Sampled Date														
Buttonderry	1	B_BTU	10 Oct 2025	<0.0001	4	<0.005	444	17	<10	<5	<5	<5	<5	<5	<5	<5	<5
Buttonderry	2	B_BTM	10 Oct 2025	<0.0001	4	<0.005	466	14	9	<5	<5	<5	<5	<5	<5	<5	<5
Buttonderry	3	B_BTD	10 Oct 2025	<0.0001	10	<0.005	454	<5	5	<5	<5	<5	<5	<5	<5	<5	<5
Buttonderry	4	B_BT20	10 Oct 2025	<0.0001	9	0.005	7,430	-	385	<5	<5	<5	<5	<5	<5	<5	<5
Buttonderry	5	B_BT19	10 Oct 2025	<0.0001	11	0.014	7,780	-	425	<5	<5	<5	<5	<5	<5	<5	<5
Buttonderry	6	B_BT17	10 Oct 2025	<0.0001	5	0.012	9,320	-	472	<5	<5	<5	<5	<5	<5	<5	<5
Buttonderry	7	B_BT16	10 Oct 2025	<0.0001	12	0.036	7,950	-	408	<5	<5	<5	<5	<5	<5	<5	<5
Buttonderry	9	B_BT4	10 Oct 2025	<0.0001	10	0.012	10,300	-	520	<5	<5	<5	<5	<5	<5	<5	<5
Buttonderry	11	B_BT3	10 Oct 2025	<0.0001	10	0.023	10,500	-	574	<5	<5	<5	<5	<5	<5	<5	<5
Buttonderry	12	B_TB1	10 Oct 2025	<0.0001	13	0.009	758	-	<10	<5	<5	<5	<5	<5	<5	<5	<5
Buttonderry	13	B_TB2	10 Oct 2025	<0.0001	9	0.032	7,320	-	545	<5	<5	<5	<5	<5	<5	<5	<5
Buttonderry	14	B_B	10 Oct 2025	<0.0001	15	0.146	9,650	-	578	<5	<5	<5	<5	<5	<5	<5	<5
Buttonderry	15	Area 1	01 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Buttonderry	16	Area 2	01 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Buttonderry	17	Area 3	01 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Buttonderry	18	Gatehouse	01 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Buttonderry	19	B_Discharge Point 1	10 Oct 2025	-	-	-	-	155	-	-	-	-	-	-	-	-	-
Buttonderry	20	B_Discharge Point 2	10 Oct 2025	-	-	-	-	20	-	-	-	-	-	-	-	-	-
Buttonderry	22	B_101S	10 Oct 2025	<0.0001	12	0.008	14,100	-	991	<5	<5	<5	<5	<5	<5	<5	<5
Buttonderry	23	B_102S	10 Oct 2025	<0.0001	4	0.205	6,610	-	787	<5	<5	<5	<5	<5	<5	<5	<5
Buttonderry	24	B_103D	10 Oct 2025	<0.0001	6	0.038	4,400	-	465	<5	<5	<5	<5	<5	<5	<5	<5
Buttonderry	25	B_104S	10 Oct 2025	<0.0001	2	0.031	1,260	-	146	<5	<5	<5	<5	<5	<5	<5	<5
Buttonderry	26	B_105S	10 Oct 2025	<0.0001	2	<0.005	1,830	-	42	<5	<5	<5	<5	<5	<5	<5	<5
Buttonderry	27	B_617S	10 Oct 2025	<0.0001	9	0.050	7,390	-	755	<5	<5	<5	<5	<5	<5	<5	<5
Buttonderry	28	B_613s	10 Oct 2025	<0.0001	4	0.059	4,970	-	409	<5	<5	<5	<5	<5	<5	<5	<5
Buttonderry	29	B_902	10 Oct 2025	<0.0001	11	0.022	9,310	-	617	<5	<5	<5	<5	<5	<5	<5	<5
Buttonderry	30	B_901	10 Oct 2025	<0.0001	11	<0.005	7,330	-	410	<5	<5	<5	<5	<5	<5	<5	<5
Buttonderry	31	B_110D	10 Oct 2025	<0.0001	21	0.018	8,250	-	522	<5	<5	<5	<5	<5	<5	<5	<5
Buttonderry	32	B_111S	10 Oct 2025	<0.0001	9	0.079	10,700	-	523	<5	<5	<5	<5	<5	<5	<5	<5
Buttonderry	33	B_112D	07 Oct 2025	<0.0001	6	0.066	6,670	-	411	<5	<5	<5	<5	<5	<5	<5	<5
Buttonderry	34	B_113s	10 Oct 2025	<0.0001	2	0.007	1,510	-	92	<5	<5	<5	<5	<5	<5	<5	<5

Notes: * denotes maximum concentration recorded within monitoring area.

^ denotes reading collected from sewer sump outside of office building

NT denotes 'not tested', Laboratory error, field pH was collected

A copy of the Environment Protection Licence (EPL) can be viewed at:

[5955.pdf \(nsw.gov.au\)](#)

Condition M2.2 - Air Monitoring Requirements - Monthly Surface Gas

Condition M2.3 - Water and/ or Land Monitoring Requirements - Quarterly/

Yearly Groundwater and Surface Water

Date pollution monitoring data was obtained by licensee: 04/11/2025

Buttonderry Waste Management Facility - EPL 5955

850 Hue Hue Road, Jilliby NSW 2259



October 2025 - Groundwater, Surface Water and Surface Gas Monitoring Analytical Results

Central Coast Council

	MAHs	BTEX								Phenols	VOCs	VOCs		TRHs
	tert-butylbenzene	Naphthalene (VOC)	Benzene	Ethylbenzene	Toluene	Total BTEX	Xylene (m & p)	Xylene (o)	Xylene Total	Phenolics Total	cis-1,4-Dichloro-2-butene	trans-1,4-Dichloro-2-butene	Pentachloroethane	C6-C10
	µg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL	5	0.005	1	2	2	1	2	2	2	50	5	5	5	20

Site ID	EPL No.	Location Code	Sampled Date													
Buttonderry	1	B_BTU	10 Oct 2025	<5	<0.005	<1	<2	<2	<1	<2	<2	<2	<50	<5	<5	<20
Buttonderry	2	B_BTM	10 Oct 2025	<5	<0.005	<1	<2	<2	<1	<2	<2	<2	<50	<5	<5	<20
Buttonderry	3	B_BT D	10 Oct 2025	<5	<0.005	<1	<2	<2	<1	<2	<2	<2	<50	<5	<5	<20
Buttonderry	4	B_BT20	10 Oct 2025	<5	<0.005	<1	<2	<2	<1	<2	<2	<2	<50	<5	<5	<20
Buttonderry	5	B_BT19	10 Oct 2025	<5	<0.005	<1	<2	<2	<1	<2	<2	<2	<50	<5	<5	<20
Buttonderry	6	B_BT17	10 Oct 2025	<5	<0.005	<1	<2	<2	<1	<2	<2	<2	<50	<5	<5	<20
Buttonderry	7	B_BT16	10 Oct 2025	<5	<0.005	<1	<2	<2	<1	<2	<2	<2	<50	<5	<5	<20
Buttonderry	9	B_BT4	10 Oct 2025	<5	<0.005	<1	<2	<2	<1	<2	<2	<2	<50	<5	<5	<20
Buttonderry	11	B_BT3	10 Oct 2025	<5	<0.005	<1	<2	<2	<1	<2	<2	<2	<50	<5	<5	<20
Buttonderry	12	B_TB1	10 Oct 2025	<5	<0.005	<1	<2	<2	<1	<2	<2	<2	<50	<5	<5	<20
Buttonderry	13	B_TB2	10 Oct 2025	<5	<0.005	<1	<2	<2	<1	<2	<2	<2	<50	<5	<5	<20
Buttonderry	14	B_B	10 Oct 2025	<5	<0.005	<1	<2	<2	<1	<2	<2	<2	<50	<5	<5	<20
Buttonderry	15	Area 1	01 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-
Buttonderry	16	Area 2	01 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-
Buttonderry	17	Area 3	01 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-
Buttonderry	18	Gatehouse	01 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-
Buttonderry	19	B_Discharge Point 1	10 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-
Buttonderry	20	B_Discharge Point 2	10 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-
Buttonderry	22	B_101S	10 Oct 2025	<5	<0.005	<1	<2	<2	<1	<2	<2	<2	<50	<5	<5	<20
Buttonderry	23	B_102S	10 Oct 2025	<5	<0.005	<1	<2	<2	<1	<2	<2	<2	<50	<5	<5	<20
Buttonderry	24	B_103D	10 Oct 2025	<5	<0.005	<1	<2	<2	<1	<2	<2	<2	<50	<5	<5	<20
Buttonderry	25	B_104S	10 Oct 2025	<5	<0.005	<1	<2	<2	<1	<2	<2	<2	<50	<5	<5	<20
Buttonderry	26	B_105S	10 Oct 2025	<5	<0.005	<1	<2	<2	<1	<2	<2	<2	<50	<5	<5	<20
Buttonderry	27	B_617S	10 Oct 2025	<5	<0.005	<1	<2	<2	<1	<2	<2	<2	<50	<5	<5	<20
Buttonderry	28	B_613s	10 Oct 2025	<5	<0.005	<1	<2	<2	<1	<2	<2	<2	<50	<5	<5	<20
Buttonderry	29	B_902	10 Oct 2025	<5	<0.005	<1	<2	<2	<1	<2	<2	<2	<50	<5	<5	<20
Buttonderry	30	B_901	10 Oct 2025	<5	<0.005	<1	<2	<2	<1	<2	<2	<2	<50	<5	<5	<20
Buttonderry	31	B_110D	10 Oct 2025	<5	<0.005	<1	<2	<2	<1	<2	<2	<2	<50	<5	<5	<20
Buttonderry	32	B_111S	10 Oct 2025	<5	<0.005	<1	<2	<2	<1	<2	<2	<2	<50	<5	<5	<20
Buttonderry	33	B_112D	07 Oct 2025	<5	<0.005	<1	<2	<2	<1	<2	<2	<2	<50	<5	<5	<20
Buttonderry	34	B_113s	10 Oct 2025	<5	<0.005	<1	<2	<2	<1	<2	<2	<2	<50	<5	<5	<20

Notes: * denotes maximum concentration recorded within monitoring area.

^ denotes reading collected from sewer sump outside of office building

NT denotes 'not tested', Laboratory error, field pH was collected

A copy of the Environment Protection Licence (EPL) can be viewed at:

[5955.pdf \(nsw.gov.au\)](#)

Condition M2.2 - Air Monitoring Requirements - Monthly Surface Gas

Condition M2.3 - Water and/ or Land Monitoring Requirements - Quarterly/

Yearly Groundwater and Surface Water

Date pollution monitoring data was obtained by licensee: 04/11/2025

Buttonderry Waste Management Facility - EPL 5955

850 Hue Hue Road, Jilliby NSW 2259



October 2025 - Groundwater, Surface Water and Surface Gas Monitoring Analytical Results

TRHs	Chlorinated Hydrocarbons													
C6-C10 (F1 minus BTEX)	1,1,1,2-tetrachloroethane	1,1,1-trichloroethane	1,1,2,2-tetrachloroethane	1,1,2-trichloroethane	1,1-dichloroethane	1,1-dichloroethene	1,1-dichloropropene	1,2,3-trichloropropane	1,2-dibromo-3-chloropropane	1,2-dichloroethane	1,2-dichloropropane	1,3-dichloropropane	2,2-dichloropropane	
µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	
20	5	5	5	5	5	5	5	5	5	5	5	5	5	

Site ID	EPL No.	Location Code	Sampled Date														
Buttonderry	1	B_BTU	10 Oct 2025	<20	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Buttonderry	2	B_BTM	10 Oct 2025	<20	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Buttonderry	3	B_BT D	10 Oct 2025	<20	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Buttonderry	4	B_BT20	10 Oct 2025	<20	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Buttonderry	5	B_BT19	10 Oct 2025	<20	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Buttonderry	6	B_BT17	10 Oct 2025	<20	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Buttonderry	7	B_BT16	10 Oct 2025	<20	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Buttonderry	9	B_BT4	10 Oct 2025	<20	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Buttonderry	11	B_BT3	10 Oct 2025	<20	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Buttonderry	12	B_TB1	10 Oct 2025	<20	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Buttonderry	13	B_TB2	10 Oct 2025	<20	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Buttonderry	14	B_B	10 Oct 2025	<20	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Buttonderry	15	Area 1	01 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Buttonderry	16	Area 2	01 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Buttonderry	17	Area 3	01 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Buttonderry	18	Gatehouse	01 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Buttonderry	19	B_Discharge Point 1	10 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Buttonderry	20	B_Discharge Point 2	10 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Buttonderry	22	B_101S	10 Oct 2025	<20	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Buttonderry	23	B_102S	10 Oct 2025	<20	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Buttonderry	24	B_103D	10 Oct 2025	<20	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Buttonderry	25	B_104S	10 Oct 2025	<20	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Buttonderry	26	B_105S	10 Oct 2025	<20	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Buttonderry	27	B_617S	10 Oct 2025	<20	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Buttonderry	28	B_613s	10 Oct 2025	<20	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Buttonderry	29	B_902	10 Oct 2025	<20	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Buttonderry	30	B_901	10 Oct 2025	<20	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Buttonderry	31	B_110D	10 Oct 2025	<20	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Buttonderry	32	B_111S	10 Oct 2025	<20	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Buttonderry	33	B_112D	07 Oct 2025	<20	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Buttonderry	34	B_113s	10 Oct 2025	<20	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5

Notes: * denotes maximum concentration recorded within monitoring area.

^ denotes reading collected from sewer sump outside of office building

NT denotes 'not tested', Laboratory error, field pH was collected

A copy of the Environment Protection Licence (EPL) can be viewed at:

[5955.pdf \(nsw.gov.au\)](#)

Condition M2.2 - Air Monitoring Requirements - Monthly Surface Gas

Condition M2.3 - Water and/ or Land Monitoring Requirements - Quarterly/

Yearly Groundwater and Surface Water

Date pollution monitoring data was obtained by licensee: 04/11/2025

Buttonderry Waste Management Facility - EPL 5955

850 Hue Hue Road, Jilliby NSW 2259



October 2025 - Groundwater, Surface Water and Surface Gas Monitoring Analytical Results

	Chlorinated Hydrocarbons													
	Bromodichloromethane	Bromoform	Carbon tetrachloride	Chlorodibromomethane	Chloroethane	Chloroform	Chloromethane	cis-1,2-dichloroethene	cis-1,3-dichloropropene	Dibromomethane	Hexachlorobutadiene	Trichloroethene	Tetrachloroethene	trans-1,2-dichloroethene
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL	5	5	5	5	50	5	50	5	5	5	5	5	5	5

Site ID	EPL No.	Location Code	Sampled Date														
Buttonderry	1	B_BTU	10 Oct 2025	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5
Buttonderry	2	B_BTM	10 Oct 2025	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5
Buttonderry	3	B_BT D	10 Oct 2025	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5
Buttonderry	4	B_BT20	10 Oct 2025	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5
Buttonderry	5	B_BT19	10 Oct 2025	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5
Buttonderry	6	B_BT17	10 Oct 2025	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5
Buttonderry	7	B_BT16	10 Oct 2025	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5
Buttonderry	9	B_BT4	10 Oct 2025	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5
Buttonderry	11	B_BT3	10 Oct 2025	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5
Buttonderry	12	B_TB1	10 Oct 2025	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5
Buttonderry	13	B_TB2	10 Oct 2025	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5
Buttonderry	14	B_B	10 Oct 2025	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5
Buttonderry	15	Area 1	01 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Buttonderry	16	Area 2	01 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Buttonderry	17	Area 3	01 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Buttonderry	18	Gatehouse	01 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Buttonderry	19	B_Discharge Point 1	10 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Buttonderry	20	B_Discharge Point 2	10 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Buttonderry	22	B_101S	10 Oct 2025	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5
Buttonderry	23	B_102S	10 Oct 2025	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5
Buttonderry	24	B_103D	10 Oct 2025	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5
Buttonderry	25	B_104S	10 Oct 2025	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5
Buttonderry	26	B_105S	10 Oct 2025	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5
Buttonderry	27	B_617S	10 Oct 2025	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5
Buttonderry	28	B_613s	10 Oct 2025	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5
Buttonderry	29	B_902	10 Oct 2025	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5
Buttonderry	30	B_901	10 Oct 2025	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5
Buttonderry	31	B_110D	10 Oct 2025	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5
Buttonderry	32	B_111S	10 Oct 2025	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5
Buttonderry	33	B_112D	07 Oct 2025	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5
Buttonderry	34	B_113s	10 Oct 2025	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5

Notes: * denotes maximum concentration recorded within monitoring area.

^ denotes reading collected from sewer sump outside of office building

NT denotes 'not tested', Laboratory error, field pH was collected

A copy of the Environment Protection Licence (EPL) can be viewed at:

[5955.pdf \(nsw.gov.au\)](#)

Condition M2.2 - Air Monitoring Requirements - Monthly Surface Gas

Condition M2.3 - Water and/ or Land Monitoring Requirements - Quarterly/

Yearly Groundwater and Surface Water

Date pollution monitoring data was obtained by licensee: 04/11/2025

Buttonderry Waste Management Facility - EPL 5955

850 Hue Hue Road, Jilliby NSW 2259



October 2025 - Groundwater, Surface Water and Surface Gas Monitoring Analytical Results

	CHs		Halogenated Benzenes										Halogenated	
	trans-1,3-dichloropropene	Vinyl chloride	1,2,3-trichlorobenzene	1,2,4-trichlorobenzene	1,2-dichlorobenzene	1,3-dichlorobenzene	1,4-dichlorobenzene	2-chlorotoluene	4-chlorotoluene	Bromobenzene	Chlorobenzene	Hexachlorobenzene	1,2-dibromoethane	Bromomethane
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL	5	50	5	5	5	5	5	5	5	5	5	0.01	5	50

Site ID	EPL No.	Location Code	Sampled Date														
Buttonderry	1	B_BTU	10 Oct 2025	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	<0.5	<5	<50
Buttonderry	2	B_BTM	10 Oct 2025	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	<0.5	<5	<50
Buttonderry	3	B_BTD	10 Oct 2025	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	<0.5	<5	<50
Buttonderry	4	B_BT20	10 Oct 2025	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	<0.5	<5	<50
Buttonderry	5	B_BT19	10 Oct 2025	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	<0.5	<5	<50
Buttonderry	6	B_BT17	10 Oct 2025	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	<0.5	<5	<50
Buttonderry	7	B_BT16	10 Oct 2025	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	<0.5	<5	<50
Buttonderry	9	B_BT4	10 Oct 2025	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	<0.5	<5	<50
Buttonderry	11	B_BT3	10 Oct 2025	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	<0.5	<5	<50
Buttonderry	12	B_TB1	10 Oct 2025	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	<0.5	<5	<50
Buttonderry	13	B_TB2	10 Oct 2025	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	<0.5	<5	<50
Buttonderry	14	B_B	10 Oct 2025	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	<0.5	<5	<50
Buttonderry	15	Area 1	01 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Buttonderry	16	Area 2	01 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Buttonderry	17	Area 3	01 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Buttonderry	18	Gatehouse	01 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Buttonderry	19	B_Discharge Point 1	10 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Buttonderry	20	B_Discharge Point 2	10 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Buttonderry	22	B_101S	10 Oct 2025	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	<0.5	<5	<50
Buttonderry	23	B_102S	10 Oct 2025	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	<0.5	<5	<50
Buttonderry	24	B_103D	10 Oct 2025	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	<0.5	<5	<50
Buttonderry	25	B_104S	10 Oct 2025	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	<0.5	<5	<50
Buttonderry	26	B_105S	10 Oct 2025	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	<0.5	<5	<50
Buttonderry	27	B_617S	10 Oct 2025	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	<0.5	<5	<50
Buttonderry	28	B_613s	10 Oct 2025	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	<0.5	<5	<50
Buttonderry	29	B_902	10 Oct 2025	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	<0.5	<5	<50
Buttonderry	30	B_901	10 Oct 2025	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	<0.5	<5	<50
Buttonderry	31	B_110D	10 Oct 2025	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	<0.5	<5	<50
Buttonderry	32	B_111S	10 Oct 2025	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	<0.5	<5	<50
Buttonderry	33	B_112D	07 Oct 2025	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	<0.5	<5	<50
Buttonderry	34	B_113s	10 Oct 2025	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	<0.5	<5	<50

Notes: * denotes maximum concentration recorded within monitoring area.

^ denotes reading collected from sewer sump outside of office building

NT denotes 'not tested', Laboratory error, field pH was collected

A copy of the Environment Protection Licence (EPL) can be viewed at:

[5955.pdf \(nsw.gov.au\)](#)

Condition M2.2 - Air Monitoring Requirements - Monthly Surface Gas

Condition M2.3 - Water and/ or Land Monitoring Requirements - Quarterly/

Yearly Groundwater and Surface Water

Date pollution monitoring data was obtained by licensee: 04/11/2025

Buttonderry Waste Management Facility - EPL 5955

850 Hue Hue Road, Jilliby NSW 2259



October 2025 - Groundwater, Surface Water and Surface Gas Monitoring Analytical Results

	Halogenated Hydrocarbons			Organochlorine Pesticides										
	Dichlorodifluoromethane	Iodomethane	Trichlorofluoromethane	4,4-DDE	a-BHC	Aldrin	Aldrin + Dieldrin	b-BHC	chlordane	Chlordane (cis)	Chlordane (trans)	d-BHC	DDD	DDT
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL	50	5	50	0.01	0.01	0.01	0.5	0.01	0.01	0.01	0.01	0.01	0.01	0.01

Site ID	EPL No.	Location Code	Sampled Date														
Buttonderry	1	B_BTU	10 Oct 2025	<50	<5	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.0
Buttonderry	2	B_BTM	10 Oct 2025	<50	<5	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.0
Buttonderry	3	B_BT D	10 Oct 2025	<50	<5	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.0
Buttonderry	4	B_BT20	10 Oct 2025	<50	<5	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.0
Buttonderry	5	B_BT19	10 Oct 2025	<50	<5	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.0
Buttonderry	6	B_BT17	10 Oct 2025	<50	<5	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.0
Buttonderry	7	B_BT16	10 Oct 2025	<50	<5	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.0
Buttonderry	9	B_BT4	10 Oct 2025	<50	<5	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.0
Buttonderry	11	B_BT3	10 Oct 2025	<50	<5	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.0
Buttonderry	12	B_TB1	10 Oct 2025	<50	<5	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.0
Buttonderry	13	B_TB2	10 Oct 2025	<50	<5	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.0
Buttonderry	14	B_B	10 Oct 2025	<50	<5	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.0
Buttonderry	15	Area 1	01 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Buttonderry	16	Area 2	01 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Buttonderry	17	Area 3	01 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Buttonderry	18	Gatehouse	01 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Buttonderry	19	B_Discharge Point 1	10 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Buttonderry	20	B_Discharge Point 2	10 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Buttonderry	22	B_101S	10 Oct 2025	<50	<5	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.0
Buttonderry	23	B_102S	10 Oct 2025	<50	<5	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.0
Buttonderry	24	B_103D	10 Oct 2025	<50	<5	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.0
Buttonderry	25	B_104S	10 Oct 2025	<50	<5	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.0
Buttonderry	26	B_105S	10 Oct 2025	<50	<5	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.0
Buttonderry	27	B_617S	10 Oct 2025	<50	<5	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.0
Buttonderry	28	B_613s	10 Oct 2025	<50	<5	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.0
Buttonderry	29	B_902	10 Oct 2025	<50	<5	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.0
Buttonderry	30	B_901	10 Oct 2025	<50	<5	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.0
Buttonderry	31	B_110D	10 Oct 2025	<50	<5	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.0
Buttonderry	32	B_111S	10 Oct 2025	<50	<5	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.0
Buttonderry	33	B_112D	07 Oct 2025	<50	<5	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.0
Buttonderry	34	B_113s	10 Oct 2025	<50	<5	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.0

Notes: * denotes maximum concentration recorded within monitoring area.

^ denotes reading collected from sewer sump outside of office building

NT denotes 'not tested', Laboratory error, field pH was collected

A copy of the Environment Protection Licence (EPL) can be viewed at:

[5955.pdf \(nsw.gov.au\)](#)

Condition M2.2 - Air Monitoring Requirements - Monthly Surface Gas

Condition M2.3 - Water and/ or Land Monitoring Requirements - Quarterly/

Yearly Groundwater and Surface Water

Date pollution monitoring data was obtained by licensee: 04/11/2025

Buttonderry Waste Management Facility - EPL 5955

850 Hue Hue Road, Jilliby NSW 2259



October 2025 - Groundwater, Surface Water and Surface Gas Monitoring Analytical Results

EQL	Organochlorine Pesticides												PAHs	
	DDT+DDE+DDD	Dieldrin	Endrin aldehyde	Endrin ketone	Endosulfan I	Endosulfan II	Endosulfan sulphate	Endrin	g-BHC (Lindane)	Heptachlor	Heptachlor epoxide	Methoxychlor	Acenaphthene	Acenaphthylene
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.005	0.01	0.01	1	1

Site ID	EPL No.	Location Code	Sampled Date	DDT+DDE+DDD	Dieldrin	Endrin aldehyde	Endrin ketone	Endosulfan I	Endosulfan II	Endosulfan sulphate	Endrin	g-BHC (Lindane)	Heptachlor	Heptachlor epoxide	Methoxychlor	Acenaphthene	Acenaphthylene
Buttonderry	1	B_BTU	10 Oct 2025	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.0	<1.0	<1.0
Buttonderry	2	B_BTM	10 Oct 2025	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.0	<1.0	<1.0
Buttonderry	3	B_BT D	10 Oct 2025	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.0	<1.0	<1.0
Buttonderry	4	B_BT20	10 Oct 2025	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.0	<1.0	<1.0
Buttonderry	5	B_BT19	10 Oct 2025	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.0	<1.0	<1.0
Buttonderry	6	B_BT17	10 Oct 2025	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.0	<1.0	<1.0
Buttonderry	7	B_BT16	10 Oct 2025	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.0	<1.0	<1.0
Buttonderry	9	B_BT4	10 Oct 2025	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.0	<1.0	<1.0
Buttonderry	11	B_BT3	10 Oct 2025	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.0	<1.0	<1.0
Buttonderry	12	B_TB1	10 Oct 2025	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.0	<1.0	<1.0
Buttonderry	13	B_TB2	10 Oct 2025	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.0	<1.0	<1.0
Buttonderry	14	B_B	10 Oct 2025	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.0	<1.0	<1.0
Buttonderry	15	Area 1	01 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Buttonderry	16	Area 2	01 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Buttonderry	17	Area 3	01 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Buttonderry	18	Gatehouse	01 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Buttonderry	19	B_Discharge Point 1	10 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Buttonderry	20	B_Discharge Point 2	10 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Buttonderry	22	B_101S	10 Oct 2025	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.0	<1.0	<1.0
Buttonderry	23	B_102S	10 Oct 2025	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.0	<1.0	<1.0
Buttonderry	24	B_103D	10 Oct 2025	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.0	<1.0	<1.0
Buttonderry	25	B_104S	10 Oct 2025	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.0	<1.0	<1.0
Buttonderry	26	B_105S	10 Oct 2025	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.0	<1.0	<1.0
Buttonderry	27	B_617S	10 Oct 2025	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.0	<1.0	<1.0
Buttonderry	28	B_613s	10 Oct 2025	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.0	<1.0	<1.0
Buttonderry	29	B_902	10 Oct 2025	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.0	<1.0	<1.0
Buttonderry	30	B_901	10 Oct 2025	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.0	<1.0	<1.0
Buttonderry	31	B_110D	10 Oct 2025	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.0	<1.0	<1.0
Buttonderry	32	B_111S	10 Oct 2025	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.0	<1.0	<1.0
Buttonderry	33	B_112D	07 Oct 2025	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.0	<1.0	<1.0
Buttonderry	34	B_113s	10 Oct 2025	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.0	<1.0	<1.0

Notes: * denotes maximum concentration recorded within monitoring area.

^ denotes reading collected from sewer sump outside of office building

NT denotes 'not tested', Laboratory error, field pH was collected

A copy of the Environment Protection Licence (EPL) can be viewed at:

[5955.pdf \(nsw.gov.au\)](#)

Condition M2.2 - Air Monitoring Requirements - Monthly Surface Gas

Condition M2.3 - Water and/ or Land Monitoring Requirements - Quarterly/

Yearly Groundwater and Surface Water

Date pollution monitoring data was obtained by licensee: 04/11/2025

Buttonderry Waste Management Facility - EPL 5955

850 Hue Hue Road, Jilliby NSW 2259



October 2025 - Groundwater, Surface Water and Surface Gas Monitoring Analytical Results

Polynuclear Aromatic Hydrocarbons													
Anthracene	Benz(a)anthracene	Benzo(a) pyrene	Benzo(g,h,i)perylene	Benzo(b+i)fluoranthene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	Phenanthrene	Pyrene
µg/L	µg/L	µg/L	µg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL	1	1	0.5	1	0.001	1	1	1	1	1	1	1	1

Site ID	EPL No.	Location Code	Sampled Date														
Buttonderry	1	B_BTU	10 Oct 2025	<1.0	<1.0	<0.5	<1.0	<0.0010	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Buttonderry	2	B_BTM	10 Oct 2025	<1.0	<1.0	<0.5	<1.0	<0.0010	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Buttonderry	3	B_BT D	10 Oct 2025	<1.0	<1.0	<0.5	<1.0	<0.0010	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Buttonderry	4	B_BT20	10 Oct 2025	<1.0	<1.0	<0.5	<1.0	<0.0010	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Buttonderry	5	B_BT19	10 Oct 2025	<1.0	<1.0	<0.5	<1.0	<0.0010	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Buttonderry	6	B_BT17	10 Oct 2025	<1.0	<1.0	<0.5	<1.0	<0.0010	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Buttonderry	7	B_BT16	10 Oct 2025	<1.0	<1.0	<0.5	<1.0	<0.0010	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Buttonderry	9	B_BT4	10 Oct 2025	<1.0	<1.0	<0.5	<1.0	<0.0010	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Buttonderry	11	B_BT3	10 Oct 2025	<1.0	<1.0	<0.5	<1.0	<0.0010	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Buttonderry	12	B_TB1	10 Oct 2025	<1.0	<1.0	<0.5	<1.0	<0.0010	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Buttonderry	13	B_TB2	10 Oct 2025	<1.0	<1.0	<0.5	<1.0	<0.0010	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Buttonderry	14	B_B	10 Oct 2025	<1.0	<1.0	<0.5	<1.0	<0.0010	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Buttonderry	15	Area 1	01 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Buttonderry	16	Area 2	01 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Buttonderry	17	Area 3	01 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Buttonderry	18	Gatehouse	01 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Buttonderry	19	B_Discharge Point 1	10 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Buttonderry	20	B_Discharge Point 2	10 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Buttonderry	22	B_101S	10 Oct 2025	<1.0	<1.0	<0.5	<1.0	<0.0010	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Buttonderry	23	B_102S	10 Oct 2025	<1.0	<1.0	<0.5	<1.0	<0.0010	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Buttonderry	24	B_103D	10 Oct 2025	<1.0	<1.0	<0.5	<1.0	<0.0010	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Buttonderry	25	B_104S	10 Oct 2025	<1.0	<1.0	<0.5	<1.0	<0.0010	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Buttonderry	26	B_105S	10 Oct 2025	<1.0	<1.0	<0.5	<1.0	<0.0010	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Buttonderry	27	B_617S	10 Oct 2025	<1.0	<1.0	<0.5	<1.0	<0.0010	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Buttonderry	28	B_613s	10 Oct 2025	<1.0	<1.0	<0.5	<1.0	<0.0010	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Buttonderry	29	B_902	10 Oct 2025	<1.0	<1.0	<0.5	<1.0	<0.0010	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Buttonderry	30	B_901	10 Oct 2025	<1.0	<1.0	<0.5	<1.0	<0.0010	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Buttonderry	31	B_110D	10 Oct 2025	<1.0	<1.0	<0.5	<1.0	<0.0010	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Buttonderry	32	B_111S	10 Oct 2025	<1.0	<1.0	<0.5	<1.0	<0.0010	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Buttonderry	33	B_112D	07 Oct 2025	<1.0	<1.0	<0.5	<1.0	<0.0010	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Buttonderry	34	B_113s	10 Oct 2025	<1.0	<1.0	<0.5	<1.0	<0.0010	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Notes: * denotes maximum concentration recorded within monitoring area.

^ denotes reading collected from sewer sump outside of office building

NT denotes 'not tested', Laboratory error, field pH was collected

A copy of the Environment Protection Licence (EPL) can be viewed at:

[5955.pdf \(nsw.gov.au\)](#)

Condition M2.2 - Air Monitoring Requirements - Monthly Surface Gas

Condition M2.3 - Water and/ or Land Monitoring Requirements - Quarterly/

Yearly Groundwater and Surface Water

Date pollution monitoring data was obtained by licensee: 04/11/2025

Buttonderry Waste Management Facility - EPL 5955

850 Hue Hue Road, Jilliby NSW 2259



October 2025 - Groundwater, Surface Water and Surface Gas Monitoring Analytical Results

PAHs	Organophosphorous Pesticides													
	PAHs (Sum of total)	Azinophos methyl	Bromophos-ethyl	Carbophenothion	Chlorfenvinphos	Chlorpyrifos	Chlorpyrifos-methyl	Diazinon	Dichlorvos	Dimethoate	Ethion	Fenthion	Malathion	Methyl parathion
EQL	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
	0.5	0.02	0.1	0.02	0.02	0.02	0.0002	0.01	0.2	0.02	0.02	0.05	0.02	0.5

Site ID	EPL No.	Location Code	Sampled Date	PAHs	Azinophos methyl	Bromophos-ethyl	Carbophenothion	Chlorfenvinphos	Chlorpyrifos	Chlorpyrifos-methyl	Diazinon	Dichlorvos	Dimethoate	Ethion	Fenthion	Malathion	Methyl parathion
Buttonderry	1	B_BTU	10 Oct 2025	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.0005	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.0
Buttonderry	2	B_BTM	10 Oct 2025	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.0005	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.0
Buttonderry	3	B_BT D	10 Oct 2025	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.0005	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.0
Buttonderry	4	B_BT20	10 Oct 2025	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.0005	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.0
Buttonderry	5	B_BT19	10 Oct 2025	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.0005	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.0
Buttonderry	6	B_BT17	10 Oct 2025	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.0005	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.0
Buttonderry	7	B_BT16	10 Oct 2025	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.0005	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.0
Buttonderry	9	B_BT4	10 Oct 2025	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.0005	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.0
Buttonderry	11	B_BT3	10 Oct 2025	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.0005	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.0
Buttonderry	12	B_TB1	10 Oct 2025	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.0005	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.0
Buttonderry	13	B_TB2	10 Oct 2025	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.0005	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.0
Buttonderry	14	B_B	10 Oct 2025	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.0005	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.0
Buttonderry	15	Area 1	01 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Buttonderry	16	Area 2	01 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Buttonderry	17	Area 3	01 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Buttonderry	18	Gatehouse	01 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Buttonderry	19	B_Discharge Point 1	10 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Buttonderry	20	B_Discharge Point 2	10 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Buttonderry	22	B_101S	10 Oct 2025	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.0005	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.0
Buttonderry	23	B_102S	10 Oct 2025	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.0005	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.0
Buttonderry	24	B_103D	10 Oct 2025	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.0005	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.0
Buttonderry	25	B_104S	10 Oct 2025	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.0005	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.0
Buttonderry	26	B_105S	10 Oct 2025	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.0005	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.0
Buttonderry	27	B_617S	10 Oct 2025	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.0005	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.0
Buttonderry	28	B_613s	10 Oct 2025	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.0005	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.0
Buttonderry	29	B_902	10 Oct 2025	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.0005	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.0
Buttonderry	30	B_901	10 Oct 2025	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.0005	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.0
Buttonderry	31	B_110D	10 Oct 2025	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.0005	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.0
Buttonderry	32	B_111S	10 Oct 2025	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.0005	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.0
Buttonderry	33	B_112D	07 Oct 2025	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.0005	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.0
Buttonderry	34	B_113s	10 Oct 2025	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.0005	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.0

Notes: * denotes maximum concentration recorded within monitoring area.

^ denotes reading collected from sewer sump outside of office building

NT denotes 'not tested', Laboratory error, field pH was collected

A copy of the Environment Protection Licence (EPL) can be viewed at:

[5955.pdf \(nsw.gov.au\)](#)

Condition M2.2 - Air Monitoring Requirements - Monthly Surface Gas

Condition M2.3 - Water and/ or Land Monitoring Requirements - Quarterly/

Yearly Groundwater and Surface Water

Date pollution monitoring data was obtained by licensee: 04/11/2025

Buttonderry Waste Management Facility - EPL 5955

850 Hue Hue Road, Jiliby NSW 2259



October 2025 - Groundwater, Surface Water and Surface Gas Monitoring Analytical Results

	OPPs		TPH										PCBs	Pesticides
	Monocrotophos	Prothiofos	C6-C9	C10-C14	C10-C16	C15-C28	C16-C34	C29-C36	C34-C40	+C10-C36 (Sum of total)	C10-C40 (Sum of total)	C10-C16 (F2 minus Naphthalene)	PCBs (Sum of total)	Demeton-S-methyl
	µg/L	µg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL	0.02	0.1	0.02	50	100	100	100	50	100	50	100	100	0.1	0.02

Site ID	EPL No.	Location Code	Sampled Date														
Buttonderry	1	B_BTU	10 Oct 2025	<2.0	<0.5	<0.02	<50	<100	<100	<100	<50	<100	<50	<100	<100	<1	<0.5
Buttonderry	2	B_BTM	10 Oct 2025	<2.0	<0.5	<0.02	<50	<100	<100	<100	<50	<100	<50	<100	<100	<1	<0.5
Buttonderry	3	B_BTD	10 Oct 2025	<2.0	<0.5	<0.02	<50	<100	<100	<100	<50	<100	<50	<100	<100	<1	<0.5
Buttonderry	4	B_BT20	10 Oct 2025	<2.0	<0.5	<0.02	<50	<100	<100	<100	<50	<100	<50	<100	<100	<1	<0.5
Buttonderry	5	B_BT19	10 Oct 2025	<2.0	<0.5	<0.02	<50	<100	<100	<100	<50	<100	<50	<100	<100	<1	<0.5
Buttonderry	6	B_BT17	10 Oct 2025	<2.0	<0.5	<0.02	<50	<100	<100	<100	<50	<100	<50	<100	<100	<1	<0.5
Buttonderry	7	B_BT16	10 Oct 2025	<2.0	<0.5	<0.02	<50	<100	<100	<100	<50	<100	<50	<100	<100	<1	<0.5
Buttonderry	9	B_BT4	10 Oct 2025	<2.0	<0.5	<0.02	<50	<100	<100	<100	<50	<100	<50	<100	<100	<1	<0.5
Buttonderry	11	B_BT3	10 Oct 2025	<2.0	<0.5	<0.02	<50	<100	<100	<100	<50	<100	<50	<100	<100	<1	<0.5
Buttonderry	12	B_TB1	10 Oct 2025	<2.0	<0.5	<0.02	<50	<100	<100	<100	<50	<100	<50	<100	<100	<1	<0.5
Buttonderry	13	B_TB2	10 Oct 2025	<2.0	<0.5	<0.02	<50	<100	<100	<100	<50	<100	<50	<100	<100	<1	<0.5
Buttonderry	14	B_B	10 Oct 2025	<2.0	<0.5	<0.02	<50	<100	<100	<100	<50	<100	<50	<100	<100	<1	<0.5
Buttonderry	15	Area 1	01 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Buttonderry	16	Area 2	01 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Buttonderry	17	Area 3	01 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Buttonderry	18	Gatehouse	01 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Buttonderry	19	B_Discharge Point 1	10 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Buttonderry	20	B_Discharge Point 2	10 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Buttonderry	22	B_101S	10 Oct 2025	<2.0	<0.5	<0.02	<50	<100	<100	<100	<50	<100	<50	<100	<100	<1	<0.5
Buttonderry	23	B_102S	10 Oct 2025	<2.0	<0.5	<0.02	<50	<100	<100	<100	<50	<100	<50	<100	<100	<1	<0.5
Buttonderry	24	B_103D	10 Oct 2025	<2.0	<0.5	<0.02	<50	<100	<100	<100	<50	<100	<50	<100	<100	<1	<0.5
Buttonderry	25	B_104S	10 Oct 2025	<2.0	<0.5	<0.02	<50	<100	<100	<100	<50	<100	<50	<100	<100	<1	<0.5
Buttonderry	26	B_105S	10 Oct 2025	<2.0	<0.5	<0.02	<50	<100	<100	<100	<50	<100	<50	<100	<100	<1	<0.5
Buttonderry	27	B_617S	10 Oct 2025	<2.0	<0.5	<0.02	<50	<100	<100	<100	<50	<100	<50	<100	<100	<1	<0.5
Buttonderry	28	B_613s	10 Oct 2025	<2.0	<0.5	<0.02	<50	<100	<100	<100	<50	<100	<50	<100	<100	<1	<0.5
Buttonderry	29	B_902	10 Oct 2025	<2.0	<0.5	<0.02	<50	<100	<100	<100	<50	<100	<50	<100	<100	<1	<0.5
Buttonderry	30	B_901	10 Oct 2025	<2.0	<0.5	<0.02	<50	<100	<100	<100	<50	<100	<50	<100	<100	<1	<0.5
Buttonderry	31	B_110D	10 Oct 2025	<2.0	<0.5	<0.02	<50	<100	<100	<100	<50	<100	<50	<100	<100	<1	<0.5
Buttonderry	32	B_111S	10 Oct 2025	<2.0	<0.5	<0.02	<50	<100	<100	<100	<50	<100	<50	<100	<100	<1	<0.5
Buttonderry	33	B_112D	07 Oct 2025	<2.0	<0.5	<0.02	<50	<100	<100	<100	<50	<100	<50	<100	<100	<1	<0.5
Buttonderry	34	B_113s	10 Oct 2025	<2.0	<0.5	<0.02	<50	<100	<100	<100	<50	<100	<50	<100	<100	<1	<0.5

Notes: * denotes maximum concentration recorded within monitoring area.

^ denotes reading collected from sewer sump outside of office building

NT denotes 'not tested', Laboratory error, field pH was collected

A copy of the Environment Protection Licence (EPL) can be viewed at:

[5955.pdf \(nsw.gov.au\)](#)

Condition M2.2 - Air Monitoring Requirements - Monthly Surface Gas

Condition M2.3 - Water and/ or Land Monitoring Requirements - Quarterly/

Yearly Groundwater and Surface Water

Date pollution monitoring data was obtained by licensee: 04/11/2025

Buttonderry Waste Management Facility - EPL 5955

850 Hue Hue Road, Jiliby NSW 2259



October 2025 - Groundwater, Surface Water and Surface Gas Monitoring Analytical Results

	Pesticides			Solvents				
	Fenamiphos	Parathion	Pirimphos-ethyl	Methyl Ethyl Ketone	2-hexanone (MBK)	4-Methyl-2-pentanone	Carbon disulfide	Vinyl acetate
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL	0.01	0.2	0.01	50	50	50	5	50

Site ID	EPL No.	Location Code	Sampled Date								
Buttonderry	1	B_BTU	10 Oct 2025	<0.5	<2.0	<0.5	<50	<50	<50	<5	<50
Buttonderry	2	B_BTM	10 Oct 2025	<0.5	<2.0	<0.5	<50	<50	<50	<5	<50
Buttonderry	3	B_BT D	10 Oct 2025	<0.5	<2.0	<0.5	<50	<50	<50	<5	<50
Buttonderry	4	B_BT20	10 Oct 2025	<0.5	<2.0	<0.5	<50	<50	<50	<5	<50
Buttonderry	5	B_BT19	10 Oct 2025	<0.5	<2.0	<0.5	<50	<50	<50	<5	<50
Buttonderry	6	B_BT17	10 Oct 2025	<0.5	<2.0	<0.5	<50	<50	<50	<5	<50
Buttonderry	7	B_BT16	10 Oct 2025	<0.5	<2.0	<0.5	<50	<50	<50	<5	<50
Buttonderry	9	B_BT4	10 Oct 2025	<0.5	<2.0	<0.5	<50	<50	<50	<5	<50
Buttonderry	11	B_BT3	10 Oct 2025	<0.5	<2.0	<0.5	<50	<50	<50	<5	<50
Buttonderry	12	B_TB1	10 Oct 2025	<0.5	<2.0	<0.5	<50	<50	<50	<5	<50
Buttonderry	13	B_TB2	10 Oct 2025	<0.5	<2.0	<0.5	<50	<50	<50	<5	<50
Buttonderry	14	B_B	10 Oct 2025	<0.5	<2.0	<0.5	<50	<50	<50	<5	<50
Buttonderry	15	Area 1	01 Oct 2025	-	-	-	-	-	-	-	-
Buttonderry	16	Area 2	01 Oct 2025	-	-	-	-	-	-	-	-
Buttonderry	17	Area 3	01 Oct 2025	-	-	-	-	-	-	-	-
Buttonderry	18	Gatehouse	01 Oct 2025	-	-	-	-	-	-	-	-
Buttonderry	19	B_Discharge Point 1	10 Oct 2025	-	-	-	-	-	-	-	-
Buttonderry	20	B_Discharge Point 2	10 Oct 2025	-	-	-	-	-	-	-	-
Buttonderry	22	B_101S	10 Oct 2025	<0.5	<2.0	<0.5	<50	<50	<50	<5	<50
Buttonderry	23	B_102S	10 Oct 2025	<0.5	<2.0	<0.5	<50	<50	<50	<5	<50
Buttonderry	24	B_103D	10 Oct 2025	<0.5	<2.0	<0.5	<50	<50	<50	<5	<50
Buttonderry	25	B_104S	10 Oct 2025	<0.5	<2.0	<0.5	<50	<50	<50	<5	<50
Buttonderry	26	B_105S	10 Oct 2025	<0.5	<2.0	<0.5	<50	<50	<50	<5	<50
Buttonderry	27	B_617S	10 Oct 2025	<0.5	<2.0	<0.5	<50	<50	<50	<5	<50
Buttonderry	28	B_613s	10 Oct 2025	<0.5	<2.0	<0.5	<50	<50	<50	<5	<50
Buttonderry	29	B_902	10 Oct 2025	<0.5	<2.0	<0.5	<50	<50	<50	<5	<50
Buttonderry	30	B_901	10 Oct 2025	<0.5	<2.0	<0.5	<50	<50	<50	<5	<50
Buttonderry	31	B_110D	10 Oct 2025	<0.5	<2.0	<0.5	<50	<50	<50	<5	<50
Buttonderry	32	B_111S	10 Oct 2025	<0.5	<2.0	<0.5	<50	<50	<50	<5	<50
Buttonderry	33	B_112D	07 Oct 2025	<0.5	<2.0	<0.5	<50	<50	<50	<5	<50
Buttonderry	34	B_113s	10 Oct 2025	<0.5	<2.0	<0.5	<50	<50	<50	<5	<50

Notes: * denotes maximum concentration recorded within monitoring area.

^ denotes reading collected from sewer sump outside of office building

NT denotes 'not tested', Laboratory error, field pH was collected

A copy of the Environment Protection Licence (EPL) can be viewed at:

[5955.pdf \(nsw.gov.au\)](#)

Condition M2.2 - Air Monitoring Requirements - Monthly Surface Gas

Condition M2.3 - Water and/ or Land Monitoring Requirements - Quarterly/

Yearly Groundwater and Surface Water

Date pollution monitoring data was obtained by licensee: 04/11/2025

Buttonderry Waste Management Facility - EPL 5955

850 Hue Hue Road, Jilliby NSW 2259