Air Quality Monitoring
Licensee SHOALHAVEN STARCHES PTY LTD, 160 Bolong Rd Bomaderry NSW 2541
EPA Licence Number 883 EPA's Public Register: https://app.epa.nsw.gov.au/prpoeoapp/

					Results					
Monitoring Point	Monitoring Location	Pollutant	Units	Monitoring Frequency	Sampled 14 & 15 May 2012 Obtained 31 May 2012 Published 29 June 2012	Sampled 1 & 2 August 2012 Obtained 23 August 2012 Published 24 August 2012	Sampled 26 & 29 November 2012 Obtained 7 January 2013 Published 7 January 2013	Sampled 4, 5 & 6 March 2013 Obtained 1 April 2013 Published 5 April 2013	Sampled 14-16 May 2013 Obtained 28 May 2013 Published 10 June 2013	Sampled 2-5 September 2013 Obtained 17 October 2013 Published 25 October 2013
8	No. 1 Gluten Dryer	Odour	ou	Yearly	318	460	657	781	276	217
9	No. 2 Gluten Dryer – As of Q1 2012 now known as No. 2 Starch dryer	Odour	ou	Yearly	237	603	318	351	454	633
10	No. 3 Gluten Dryer	Odour	ou	Yearly	507	215	553	1,334	494	493
11	No. 4 Gluten Dryer	Odour	ou	Yearly	195	657	387	781	899	454
12	No. 1 Starch Dryer	Odour	ou	Yearly	553	318	351	347	327	355
13	No. 3 Starch Dryer	Odour	ou	Yearly	351	553	318	318	355	257
14	No. 4 Starch Dryer	Odour	ou	Yearly	147	195	289	262	215	213
16	Combined Fermenter No. 4, 5, 6, 7 & 8	Odour	ou	Yearly	4926	1437	3,802	382	5,070	2,371
17	Fermenter Vent No.10 & 11	Odour	ou	Yearly	6928	10,965	6,918	--**	7,039	8,366
18	DDG Cooling Towers	Odour	ou	Yearly	177	27	29	91	68	36
19	Effluent Storage Dam 1	Odour	ou	Yearly	43	--*	--*	387	74	114
20	Effluent Storage Dam 2	Odour	ou	Yearly	--*	--*	--*	--*	--*	125
21	Effluent Storage Dam 3	Odour	ou	Yearly	63	102	195	553	215	97
22	Effluent Storage Dam 4	Odour	ou	Yearly	237	351	422	237	68	98
23	Effluent Storage Dam 5	Odour	ou	Yearly	121	46	58	781	74	74
24	Effluent Storage Dam 6	Odour	ou	Yearly	37	27	43	37	40	36
31	Irrigation area serviced by Pivot Irrigators	Odour	ou	Yearly	35	54	37	--**	--**	299
32	Irrigation area serviced by Travelling Irrigators	Odour	ou	Yearly	54	79	--**	--**	--**	197
40	Outlet of Biofilter	Odour	ou	Yearly	147	215	355	498	369	118

ou = odour units
--* Sampling could not be performed due to insufficient volume and unsafe access to water surface.
--** Sampling could not be performed due to plant / equipment not operating on the days of sampling.

					Results					
Monitoring Point	Monitoring Location	Pollutant	Units	Monitoring Frequency	Sampled 11-13 November & 17 December 2013 Obtained 29 January 2014 Published 4 February 2014	Sampled 10 - 11 February 2014 Obtained 25 February 2014 Published 26 February 2014	Sampled 26- 28 May 2014 Obtained 20 June 2014 Published 23 June 2014	Sampled 11 & 16 Sep 2014 Obtained 8 October 2014 Published 9 October 2014	Sampled 5 & 6 Nov 2014 Obtained 21 November 2014 Published 4 December 2014	Sampled 2 & 3 February 2015 Obtained 9 February 2015 Published 10 February 2015
8	No. 1 Gluten Dryer	Odour	ou	Quarterly	688	535	1,337	316	531	624
9	No. 2 Gluten Dryer – As of Q1 2012 now known as No. 2 Starch dryer	Odour	ou	Quarterly	688	328	199	407	407	288
10	No. 3 Gluten Dryer	Odour	ou	Quarterly	1,660	537	1,589	288	624	733
11	No. 4 Gluten Dryer	Odour	ou	Quarterly	494	386	1,029	343	799	412
12	No. 1 Starch Dryer	Odour	ou	Quarterly	417	279	240	1125	380	490
13	No. 3 Starch Dryer	Odour	ou	Quarterly	493	167	263	165	380	219
14	No. 4 Starch Dryer	Odour	ou	Quarterly	327	302	288	Not operating	287	263
16	Carbon Dioxide Scrubber Outlet	Odour	ou	Quarterly	7,039	8,366	9,120	10,000	9,120	9,120
19	Effluent Storage Dam 1	Odour	ou	Yearly	97	-	60	-	-	-
20	Effluent Storage Dam 2	Odour	ou	Yearly	200	-	28	-	-	-
21	Effluent Storage Dam 3	Odour	ou	Yearly	107	-	14	-	-	-
23	Effluent Storage Dam 5	Odour	ou	Yearly	68	-	24	-	-	-
24	Effluent Storage Dam 6	Odour	ou	Yearly	52	-	20	-	-	-
25	Sulphur Oxidation Basin	Odour	ou	Yearly	219	-	113	-	-	-
35	Combined Boiler Stack for No. 5 & 6 Boilers	Odour	ou	Quarterly	1,388	633	871	1,895	1,334	1,895
39	Inlet Pipe to Biofilters A & B	Odour	ou	Quarterly	5,495	9,120	9,120	9,120	5,721	5,705
40	Outlet of Biofilter A	Odour	ou	Quarterly	Not operating	Not operating	994	233	241	268
41	Outlet of Biofilter B	Odour	ou	Quarterly	587	1,116	650	330	202	203
42	Boiler No.4	Odour	ou	Quarterly	822	357	794	676	490	741
44	Fermenter	Odour	ou	Quarterly	5,991	6,494	6,918	8,294	8,294	10,839

N.B. Changes to air monitoring requirements as per Environmental Protection Licence variation dated 8-Nov-2013

Monitoring Point	Monitoring Location	Pollutant	Units	Monitoring Frequency	Results					
					Sampled 4 - 7 May 2015 Obtained 13 May 2015	Sampled 4, 5 & 13 August 2015 Obtained 28 October 2015	Sampled 10 & 11 November 2015 Obtained 25 November 2015	Sampled 2, 3 & 8 February 2016 Obtained 1 March 2016	Sampled 17 & 25 May 2016 Obtained 1 June 2016	Sampled 1 & 11 August 2016 Obtained 26 August 2016
8	No. 1 Gluten Dryer	Odour	ou	Quarterly	490	300	570	450	280	420
9	No. 2 Gluten / No 2 Starch Dryer	Odour	ou	Quarterly	530	450	480	380	490	540
10	No. 3 Gluten Dryer	Odour	ou	Quarterly	863	450	790	450	200	760
11	No. 4 Gluten Dryer	Odour	ou	Quarterly	530	410	680	490	500	490
12	No. 1 Starch Dryer	Odour	ou	Quarterly	490	380	270	290	200	320
13	No. 3 Starch Dryer	Odour	ou	Quarterly	446	NS	250	250	190	250
14	No. 4 Starch Dryer	Odour	ou	Quarterly	352	270	230	110	140	270
16	Carbon Dioxide Scrubber Outlet	Odour	ou	Quarterly	10,954	11,000	11,000	10,000	7,600	11,000
19	Effluent Storage Dam 1	Odour	ou	Yearly	56	-	-	-	27	-
20	Effluent Storage Dam 2	Odour	ou	Yearly	868	-	-	-	130	-
21	Effluent Storage Dam 3	Odour	ou	Yearly	33	-	-	-	98	-
23	Effluent Storage Dam 5	Odour	ou	Yearly	26	-	-	-	49	-
24	Effluent Storage Dam 6	Odour	ou	Yearly	47	-	-	-	38	-
25	Sulphur Oxidation Basin	Odour	ou	Yearly	107	-	-	-	45	-
35	Combined Boiler Stack for No. 5 & 6 Boilers	Odour	ou	Quarterly	1,207	1,600	1,900	1,400	1,500	830
39	Inlet Pipe to Biofilters A & B	Odour	ou	Quarterly	11,049	11,100	9,200	11,000	8,200	8,900
40	Outlet of Biofilter A	Odour	ou	Quarterly	381	NS	675	600	575	295
41	Outlet of Biofilter B	Odour	ou	Quarterly	150	390	260	200	142	101
42	Boiler No.4	Odour	ou	Quarterly	323	670	230	350	170	150
44	Fermenter	Odour	ou	Quarterly	9,171	14,000	12,000	11,000	8,900	11,000
46	DDG Pellet Plant Stack	Odour	ou	Quarterly					980	1,200

NS = Not sampled; equipment not operating.

Monitoring Point	Monitoring Location	Pollutant	Units	Monitoring Frequency	Results					
					Sampled 9 & 10 November 2016 Obtained 11 November 2016	Sampled 1 & 2 February 2017 Obtained 23 March 2017	Sampled 19, 21 & 24 July 2017 Obtained 25 August 2017	Sampled 16, 18 & 20 October 2017 Obtained 4 December 2017	Sampled 7-12-17, 29-1-18 & 31-1-18 Obtained 22 March 2018	Sampled 29-3-18 and 9-4-18 Obtained 22 May 2018
8	No. 1 Gluten Dryer	Odour	ou	Quarterly	450	700	774	326	422	380
9	No. 2 Gluten / No 2 Starch Dryer	Odour	ou	Quarterly	230	NS	593	195	117	449
10	No. 3 Gluten Dryer	Odour	ou	Quarterly	1,400	830	596	355	387	295
11	No. 4 Gluten Dryer	Odour	ou	Quarterly	1,100	760	299	275	460	351
12	No. 1 Starch Dryer	Odour	ou	Quarterly	380	NS	253	179	231	280
13	No. 3 Starch Dryer	Odour	ou	Quarterly	82	270	195	NS	196	214
14	No. 4 Starch Dryer	Odour	ou	Quarterly	90	210	164	254	387	127
16	Carbon Dioxide Scrubber Outlet	Odour	ou	Quarterly	9,800	9,800	8,810	10,407	11,350	8,897
19	Effluent Storage Dam 1	Odour	ou	Yearly	-	-	-	-	*	-
20	Effluent Storage Dam 2	Odour	ou	Yearly	-	-	-	-	35	-
21	Effluent Storage Dam 3	Odour	ou	Yearly	-	-	-	-	59	-
23	Effluent Storage Dam 5	Odour	ou	Yearly	-	-	-	-	*	-
24	Effluent Storage Dam 6	Odour	ou	Yearly	-	-	-	-	38	-
25	Sulphur Oxidation Basin	Odour	ou	Yearly	-	-	-	-	58	-
35	Combined Boiler Stack for No. 5 & 6 Boilers	Odour	ou	Quarterly	1,100	1,500	597	1,096	1,096	2,157
39	Inlet Pipe to Biofilters A & B	Odour	ou	Quarterly	7,600	9,800	8,827	8,861	8,128	6,937
40	Outlet of Biofilter A	Odour	ou	Quarterly	350	970	652	343	806	908
41	Outlet of Biofilter B	Odour	ou	Quarterly	215	485	1211	389	413	431
42	Boiler No.4	Odour	ou	Quarterly	590	830	355	774	841	*-
44	Fermenter	Odour	ou	Quarterly	9,700	9,700	8,128	7,347	9,605	4,436
46	DDG Pellet Plant Stack	Odour	ou	Quarterly	2,000	1,700	NS	2,412	NS	4,074

NS = Not sampled; equipment not operating / available

* EPL ID 19 not sampled due to no safe access due to low water level and EPL ID 23 was empty.

*- Sampling could not be performed due to plant / equipment not operating on the days of sampling.

					Results					
Monitoring Point	**Monitoring Location**	**Pollutant**	**Units**	**Monitoring Frequency**	Sampled 17, 19 & 31 July 2018 Obtained 23 August 2018	Sampled 22 & 29 October 2018 Obtained 14 November 2018	Sampled 9, 16, 30 January 2019 Obtained 28 March 2019	Sampled 22 Feb 2019, 9 & 29 Mar 2019 Obtained 30 April 2019	Sampled 15 & 20 May 2019 Obtained 16 June 2019	Sampled 7 & 19 August 2019 Obtained 4 September 2019
8	No. 1 Gluten Dryer	Odour	ou	Quarterly	430	320	232	930	400	310
9	No. 2 Gluten / No 2 Starch Dryer	Odour	ou	Quarterly	402	251	179	720	430	330
10	No. 3 Gluten Dryer	Odour	ou	Quarterly	531	297	822	720	660	330
11	No. 4 Gluten Dryer	Odour	ou	Quarterly	463	322	862	470	470	430
12	No. 1 Starch Dryer	Odour	ou	Quarterly	*	232	196	720	280	310
13	No. 3 Starch Dryer	Odour	ou	Quarterly	432	454	89	*	*	860
14	No. 4 Starch Dryer	Odour	ou	Quarterly	251	250	107	300	300	150
16	Carbon Dioxide Scrubber Outlet	Odour	ou	Quarterly	6,337	13,490	10,532	9,500	6,800	10,300
19	Effluent Storage Dam 1	Odour	ou	Yearly	-	-	-	45	-	-
20	Effluent Storage Dam 2	Odour	ou	Yearly	-	-	-	75	-	-
21	Effluent Storage Dam 3	Odour	ou	Yearly	-	-	-	212	-	-
23	Effluent Storage Dam 5	Odour	ou	Yearly	-	-	-	97	-	-
24	Effluent Storage Dam 6	Odour	ou	Yearly	-	-	-	21	-	-
25	Sulphur Oxidation Basin	Odour	ou	Yearly	-	-	-	69	-	-
35	Combined Boiler Stack for No. 5 & 6 Boilers	Odour	ou	Quarterly	859	1,072	1,978	2,000	2,200	1,200
39	Inlet Pipe to Biofilters A & B	Odour	ou	Quarterly	6,303	10,532	24,513	16,900	24,300	15,500
40	Outlet of Biofilter A	Odour	ou	Quarterly	614	1891	6,164	883	1625	1300
41	Outlet of Biofilter B	Odour	ou	Quarterly	151	2611	5,516	705	2300	1500
42	Boiler No.4	Odour	ou	Quarterly	*	*	*	1,700	*	2600
44	Fermenter	Odour	ou	Quarterly	8,180	6,898	8,152	5,300	5,700	7,200
45	Boiler No.2	Odour	ou	Quarterly	*	*	*	*	*	1,200
46	DDG Pellet Plant Stack	Odour	ou	Quarterly	*	490	2,827	4,000	1,200	1,300
47	No. 5 Starch Dryer	Odour	ou	Quarterly	151	214	378	400	180	460

* = unavailable to test on any days monitoring was undertaken.
Boiler 2 (Point 45) and Starch Dryer No.5 (Point 47) monitoring requirements added to licence June 2018

					Results					
Monitoring Point	**Monitoring Location**	**Pollutant**	**Units**	**Monitoring Frequency**	Sampled 1 & 4 November 2019 Obtained 20 November 2019	Sampled 20 & 27 Feb, 2 Mar 2020 Obtained 7 May 2020	Sampled 12,14,21 May & 4 June 2020 Obtained 22 July 2020	Sampled 5 & 12 August 2020 Obtained 28 August 2020	Sampled 18 & 24 Nov & 7 Dec 2020 Obtained 22 December 2020	Sampled 7 & 8 June, 19, 20 & 22 July 2021 Obtained 30 September 2021
8	No. 1 Gluten Dryer	Odour	ou	Quarterly	665	360	470	660	470	970
9	No. 2 Gluten Dryer	Odour	ou	Quarterly	560	610	790	430	250	680
10	No. 3 Gluten Dryer	Odour	ou	Quarterly	430	560	790	850	300	530
11	No. 4 Gluten Dryer	Odour	ou	Quarterly	305	360	305	720	360	750
12	No. 1 Starch Dryer	Odour	ou	Quarterly	220	120	330	250	470	190
13	No. 3 Starch Dryer	Odour	ou	Quarterly	200	510	360	400	120	89
14	No. 4 Starch Dryer	Odour	ou	Quarterly	200	783	330	140	110	230
16	Carbon Dioxide Scrubber Outlet	Odour	ou	Quarterly	10,300	8,700	8,000	17,500	8,000	20,000
19	Effluent Storage Dam 1	Odour	ou	Yearly	-	560	-	-	360	-
20	Effluent Storage Dam 2	Odour	ou	Yearly	-	510	-	-	*	-
21	Effluent Storage Dam 3	Odour	ou	Yearly	-	510	-	-	280	-
23	Effluent Storage Dam 5	Odour	ou	Yearly	-	330	-	-	63	-
24	Effluent Storage Dam 6	Odour	ou	Yearly	-	82	-	-	38	-
25	Sulphur Oxidation Basin	Odour	ou	Yearly	-	250	-	-	63	-
35	Combined Boiler Stack for No. 5 & 6 Boilers	Odour	ou	Quarterly	1,830	2,000	1,000	2,000	2,200	480
39	Inlet Pipe to Biofilters A & B	Odour	ou	Quarterly	5,000	25,000	16,350	17,990	16,100	32,450
40	Outlet of Biofilter A	Odour	ou	Quarterly	320	995	1,850	1300	1,600	7,600
41	Outlet of Biofilter B	Odour	ou	Quarterly	1,028	1,625	3,700	5100	1,755	7,450
42	Boiler No.4	Odour	ou	Quarterly	1,660	2,000	1,400	2,180	1700	1,900
44	Fermenter	Odour	ou	Quarterly	7,350	5,200	7,400	10,300	7,500	11,000
45	Boiler No.2	Odour	ou	Quarterly	1,540	1,500	1,420	1,100	1,200	440
46	DDG Pellet Plant Stack	Odour	ou	Quarterly	3,100	*	4,400	*	2,300	1,300
47	No. 5 Starch Dryer	Odour	ou	Quarterly	610	430	390	250	390	1,400

* = unavailable to test on any days monitoring was undertaken.

					Results					
Monitoring Point	**Monitoring Location**	**Pollutant**	**Units**	**Monitoring Frequency**	Sampled 30 September 2021, & 5, 6 & 20 October 2021 Obtained 7 January 2022	Sampled 9, 14, 15, 20, & 21 December 2021 Obtained 1 February 2022	Sampled 17, 21 & 22 March 2022 Obtained 19 April 2022	Sampled 21, 22, 23 June 2022 Obtained 19 September 2022	Sampled 22 & 23 August 2022, & 4 October 2022 Obtained 3 November 2022	Sampled 15,19, 21 December 2022 Obtained 3 February 2023
8	No. 1 Gluten Dryer	Odour	ou	Quarterly	130	680	480	810	1,100	*
9	No. 2 Gluten Dryer	Odour	ou	Quarterly	450	310	340	1000	480	470
10	No. 3 Gluten Dryer	Odour	ou	Quarterly	310	440	310	1600	870	940
11	No. 4 Gluten Dryer	Odour	ou	Quarterly	440	340	480	1000	1,600	940
12	No. 1 Starch Dryer	Odour	ou	Quarterly	87	340	520	*	570	470
13	No. 3 Starch Dryer	Odour	ou	Quarterly	79	180	88	120	340	1300
14	No. 4 Starch Dryer	Odour	ou	Quarterly	62	260	74	570	880	470
16	Carbon Dioxide Scrubber Outlet	Odour	ou	Quarterly	51,000	15,000	7,200	20,000	15,000	42,000
19	Effluent Storage Dam 1	Odour	ou	Yearly	-	37	-	-	-	89
20	Effluent Storage Dam 2	Odour	ou	Yearly	-	*	-	-	-	*
21	Effluent Storage Dam 3	Odour	ou	Yearly	-	34	-	-	-	*
23	Effluent Storage Dam 5	Odour	ou	Yearly	-	57	-	-	-	96
24	Effluent Storage Dam 6	Odour	ou	Yearly	-	49	-	-	-	89
25	Sulphur Oxidation Basin	Odour	ou	Yearly	-	41	-	-	-	250
35	Combined Boiler Stack for No. 5 & 6 Boilers	Odour	ou	Quarterly	400	810	610	1,600	1,100	1,300
39	Inlet Pipe to Biofilters A & B	Odour	ou	Quarterly	6,340	19,320	5,200	96,150	6,400	5,750
40	Outlet of Biofilter A	Odour	ou	Quarterly	8,750	7,700	2,080	11,350	6,000	4,450
41	Outlet of Biofilter B	Odour	ou	Quarterly	9,500	7,700	4,500	935	5,500	4,850
42	Boiler No.4	Odour	ou	Quarterly	400	*	940	*	*	*
44	Fermenter	Odour	ou	Quarterly	11,000	9,600	2,300	68,000	8,600	8,500
45	Boiler No.2	Odour	ou	Quarterly	520	1,000	940	880	1,100	*
46	DDG Pellet Plant Stack	Odour	ou	Quarterly	2,000	740	*	1,700	*	*
47	No. 5 Starch Dryer	Odour	ou	Quarterly	1,600	310	160	620	570	130

* = EPL ID 20 & 21 not sampled due to no safe access due to low water level; EPL ID 12 and 42 not operating during the dates sampling was undertaken; EPL ID 46 not sampled due to unable to access the sampling port; EPL ID 8 not sampled due to access limitations

					Results					
Monitoring Point	**Monitoring Location**	**Pollutant**	**Units**	**Monitoring Frequency**	Sampled 23,30 March 2023, & 12, 27 April 2023 Obtained 12 May 2023	Sampled 6,12,19th July 2023 Obtained 17 August 2023	Sampled 31 August, 14,26th September 2023 Obtained 27 October 2023	Sampled 13,19 December, 9, 11 January 2024 Obtained 13 February 2024	Sampled 27th March, 3rd, 10th April 2024 Obtained 23 May 2024	Sampled 27th June, 4th, 9th, 25th July 2024 Obtained 13 August 2024
8	No. 1 Gluten Dryer	Odour	ou	Quarterly	500	120	280	720	490	400
9	No. 2 Gluten Dryer	Odour	ou	Quarterly	280	130	*	450	95	870
10	No. 3 Gluten Dryer	Odour	ou	Quarterly	1600	730	510	1300	1000	
11	No. 4 Gluten Dryer	Odour	ou	Quarterly	560	330	860	780	1100	870
12	No. 1 Starch Dryer	Odour	ou	Quarterly	510	110	430	230	500	720
13	No. 3 Starch Dryer	Odour	ou	Quarterly	430	47	*	48	*	
14	No. 4 Starch Dryer	Odour	ou	Quarterly	470	67	89	130	*	
16	Carbon Dioxide Scrubber Outlet	Odour	ou	Quarterly	29,000	46,000	46,000	34,000	73	24,000
19	Effluent Storage Dam 1	Odour	ou	Yearly	-	-	-	-	-	-
20	Effluent Storage Dam 2	Odour	ou	Yearly	-	-	-	-	-	-
21	Effluent Storage Dam 3	Odour	ou	Yearly	-	-	-	-	-	-
23	Effluent Storage Dam 5	Odour	ou	Yearly	-	-	-	660	-	-
24	Effluent Storage Dam 6	Odour	ou	Yearly	-	-	-	100	-	-
25	Sulphur Oxidation Basin	Odour	ou	Yearly	-	-	-	73	-	-
35	Combined Boiler Stack for No. 5 & 6 Boilers	Odour	ou	Quarterly	940	1,000	860	4,500	3,200	2,000
39	Inlet Pipe to Biofilters A & B	Odour	ou	Quarterly	25,456	11,197	16,825	31,358	34,396	69,025
40	Outlet of Biofilter A	Odour	ou	Quarterly	6,950	4,600	6,300	15,500	31,500	7,300
41	Outlet of Biofilter B	Odour	ou	Quarterly	8,500	3,950	5,450	12,950	34,000	3,900
42	Boiler No.4	Odour	ou	Quarterly	*	*	*	*	*	*
44	Fermenter	Odour	ou	Quarterly	32,000	42,000	38,000	73,000	80,000	57,000
45	Boiler No.2	Odour	ou	Quarterly	*	*	*	*	*	*
46	DDG Pellet Plant Stack	Odour	ou	Quarterly	*	*	*	2,100	*	1,700
47	No. 5 Starch Dryer	Odour	ou	Quarterly	2,300	940	160	230	440	410

* = unavailable to test on any days monitoring was undertaken.

					Results					
Monitoring Point	Monitoring Location	Pollutant	Units	Monitoring Frequency	Sampled 29 August, 2024, & 1, 3 October 2024 Obtained 11 Nov 2024	Sampled 19, 21, 26, 28 November, 2024, & 5 December 2024 Obtained 23 Dec 2024	Sampled 26 March, 2025, & 2, 16 April 2025 Obtained 16 May 2025	Sampled 26 June, 2025, & 8, 15 July 2025 Obtained 3 September 2025	Sampled 2, 13, 20 October 2025 Obtained 10 November 2025	Sampled 27 November, 2025, & 9, 10, 16 December 2025 Obtained 16 January 2026
8	No. 1 Gluten Dryer	Odour	ou	Quarterly	280	410	96	240	280	130
9	No. 2 Gluten Dryer	Odour	ou	Quarterly	780	450	1100	220	150	110
10	No. 3 Gluten Dryer	Odour	ou	Quarterly	490	760	2600	690	770	530
11	No. 4 Gluten Dryer	Odour	ou	Quarterly	540	700	1500	830	490	250
12	No. 1 Starch Dryer	Odour	ou	Quarterly	*	*	*	*	*	*
13	No. 3 Starch Dryer	Odour	ou	Quarterly	*	170	120	75	68	180
14	No. 4 Starch Dryer	Odour	ou	Quarterly	*	440	220	88	68	71
16	Carbon Dioxide Scrubber Outlet	Odour	ou	Quarterly	29,000	6,900	39,000	30,000	36,000	20,000
19	Effluent Storage Dam 1	Odour	ou	Yearly	-	*	-	-	-	*
20	Effluent Storage Dam 2	Odour	ou	Yearly	-	*	-	-	-	*
21	Effluent Storage Dam 3	Odour	ou	Yearly	-	*	-	-	-	*
23	Effluent Storage Dam 5	Odour	ou	Yearly	-	290	-	-	-	83
24	Effluent Storage Dam 6	Odour	ou	Yearly	-	120	-	-	-	120
25	Sulphur Oxidation Basin	Odour	ou	Yearly	-	140	-	-	-	90
35	Combined Boiler Stack for No. 5 & 6 Boilers	Odour	ou	Quarterly	3,700	*	*	*	*	1,700
39	Inlet Pipe to Biofilters A & B	Odour	ou	Quarterly	62,500	5,427	47,720	28,520	22,000	20,440
40	Outlet of Biofilter A	Odour	ou	Quarterly	2,600	375	9,850	1,650	1,800	4,400
41	Outlet of Biofilter B	Odour	ou	Quarterly	1,700	745	9,350	2,650	1,950	4,850
42	Boiler No.4	Odour	ou	Quarterly	*	1,950	6,100	2,500	3,100	*
44	Fermenter	Odour	ou	Quarterly	24,000	12,000	33,000	23,000	11,000	12,000
45	Boiler No.2	Odour	ou	Quarterly	*	*	*	*	*	*
46	DDG Pellet Plant Stack	Odour	ou	Quarterly	4,900	2,200	19,000	6,000	6,500	9,400
47	No. 5 Starch Dryer	Odour	ou	Quarterly	370	170	310	340	160	91
50	Outlet of Biofilter C	Odour	ou	Quarterly	*	*	*	2,550	1,000	2,275

* = unavailable to test on any days monitoring was undertaken.

					Results					
Monitoring Point	Monitoring Location	Pollutant	Units	Monitoring Frequency	Sampled 1, 9, 16th April 2026 Obtained 18 May 2026	Sampled 18th June, 14th, 16th July 2026 Obtained 31 July 2026				
8	No. 1 Gluten Dryer	Odour	ou	Quarterly	630	1300				
9	No. 2 Gluten Dryer	Odour	ou	Quarterly	*	910				
10	No. 3 Gluten Dryer	Odour	ou	Quarterly	580	1800				
11	No. 4 Gluten Dryer	Odour	ou	Quarterly	830	1500				
12	No. 1 Starch Dryer	Odour	ou	Quarterly	*	*				
13	No. 3 Starch Dryer	Odour	ou	Quarterly	45	300				
14	No. 4 Starch Dryer	Odour	ou	Quarterly	430	140				
16	Carbon Dioxide Scrubber Outlet	Odour	ou	Quarterly	12,000	18,000				
19	Effluent Storage Dam 1	Odour	ou	Yearly	-	-				
20	Effluent Storage Dam 2	Odour	ou	Yearly	-	-				
21	Effluent Storage Dam 3	Odour	ou	Yearly	-	-				
23	Effluent Storage Dam 5	Odour	ou	Yearly	-	-				
24	Effluent Storage Dam 6	Odour	ou	Yearly	-	-				
25	Sulphur Oxidation Basin	Odour	ou	Yearly	-	-				
35	Combined Boiler Stack for No. 5 & 6 Boilers	Odour	ou	Quarterly	1,200	1,400				
39	Inlet Pipe to Biofilters A & B	Odour	ou	Quarterly	40,929	19,236				
40	Outlet of Biofilter A	Odour	ou	Quarterly	2,850	2,800				
41	Outlet of Biofilter B	Odour	ou	Quarterly	21,500	3,500				
42	Boiler No.4	Odour	ou	Quarterly	*	*				
44	Fermenter	Odour	ou	Quarterly	1,900	370				
45	Boiler No.2	Odour	ou	Quarterly	*	*				
46	DDG Pellet Plant Stack	Odour	ou	Quarterly	1,800	1,400				
47	No. 5 Starch Dryer	Odour	ou	Quarterly	480	400				
50	Outlet of Biofilter C	Odour	ou	Quarterly	5,860	920				

* = unavailable to test on any days monitoring was undertaken.