

Appendix 7A:  
Odour Survey Sheets

Castletroy WWTTP - 21/09/21. - on site odour survey

Parameter (may include threshold)	Observer's Location		Wind			Weather		Time		Odour rating		General comments and odour description comments	
	Map location no.	Name of household / commercial site (easily identified)	Sensitivity (1-5) Note 1	Direction from which wind blows	Orientation (Observer vs facility)	Strength (0-9) Note 2	Precipitation (1-5) Note 3	Temperature (1-4) Note 3	Start Time (24h clock)	End Time (24h clock)	Odour Persistence (0-2) Note 4		Odour Intensity (0-4) Note 5
			23	-	Downwind. Approx. SW, or Non-directional	-	-	-	-	-	1 of 2	22	Description of any odours, other than source of odours, etc.
	1	At Outlet.	2	-	Upwind	0	1	3	13:36	13:41	1	1	Very faint odour at end of tank.
	2	@ door of Scaffolding building	2	-	Downwind	0	1	3	13:42	13:47	2	2	Slightly faint - stronger in building - but strong outside door - later visit.
	3	@ Sludge thickening tank	2	-	Downwind	0	1	3	13:47	13:52	0	0	No odour - open tank.
	4	@ Clarifier tank	2	-	Downwind	0	1	3	13:52	13:58	1	1	Very faint odour.
	5	@ Clarifier tanks	2	Sidewind	Downwind	1	1	7	13:58	14:03	1	1	Faint blinty odour.
	6	@ Aeration tanks	2	Sidewind	Downwind	1	1	3	14:04	14:09	1	2	Odour detectable but not strong
	7	@ Pumps	2	Downwind	Downwind	1	1	3	14:10	14:20	2	2	Electrical odour.
	8	@ Valve Works	2	Sidewind	Downwind	1	1	3	14:20	14:25	2	3	Strong odour - sweet
	9	@ Pumping Station	2	Sidewind	Downwind	1	1	3	14:30	14:35	2	3	Sulfuric acid?
	10	@ Brown Village	5	Sidewind	Downwind	1	1	3	15:30	15:40	3	3	No odour detected initially - light breeze - detected

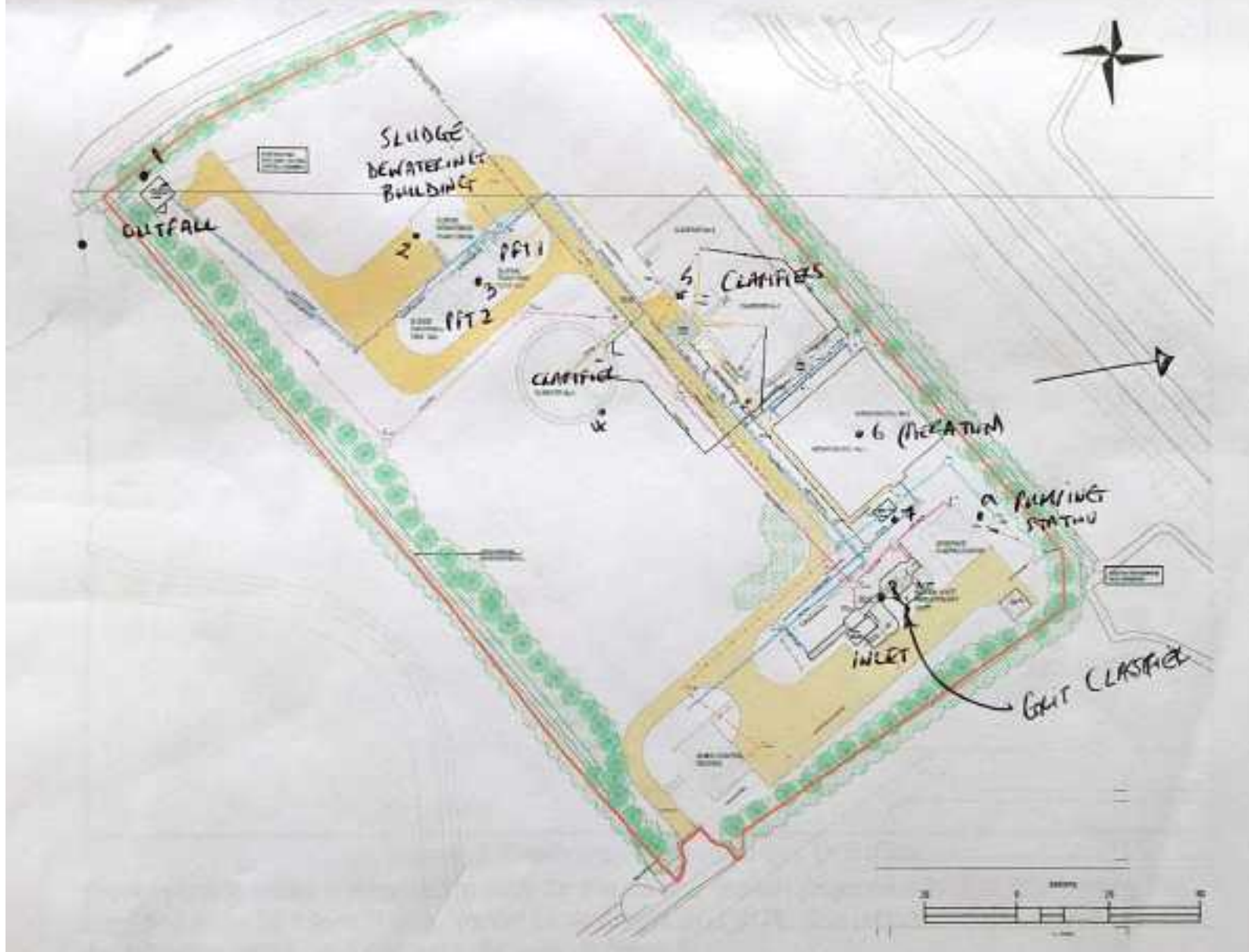
Brief details of any meeting with local residents/complainants received during assessment (include names, addresses, telephone numbers, etc.)

Yes  No

Castletroy WWTP

21/09/2021.

ON SITE ODOR SURVEY.



CASTLETON WWTP 21/09/2021

Parameter	Observer's Location		Wind			Weather		Time		Odour rating		General comments and odour description comments Description of any odours, other than source of odours, etc.	
	Map location No	Name of household / commercial site (easily identified)	Sensitivity (1-5) Note 1	Direction from which wind blows	Direction (Observer vs facility) Downwind, Approx DW, or Not determinable	Strength (0-9) Note 2	Precipitation (1-5) Note 3	Temperature (1-4) Note 3	Start Time (24h clock)	End Time (24h clock)	Odour Persistence (0-2) Note 4		Odour Intensity (0-4) Note 5
Threshold (any odour)			23	-	Downwind, Approx DW, or Not determinable	-	-	-	-	-	1 or 2	22	Guide: A location where the scale meets or exceeds all the threshold values may be deemed subject to nuisance/significant impairment, particularly if the observations are supported by public complaints on impact, frequency and duration of odours.
Field Observations	1	WWT entrance / Car park	2	W	Upwind	1	1	3	12:47	12:52	0	0	No odours detected.
	2	UL Backhouse	3	W	Upwind	1	1	3	12:52	12:57	0	0	
	3	Drummers Village	5	W-SW	Downwind	1	1	3	13:01	13:06	1	2	WWT odours (occasional whiff)
	4	Along walk at river	4	W-SW	Downwind	0	1	3	13:07	13:11	1	1	Faint whiff odour
	5	Shenwood Village	4	West	Crosswind	1	1	3	13:12	13:17	0	0	
								:	:				
								:	:				
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<p>In the opinion of the Inspector, are the activities occurring at the licensed facility resulting in a non-compliance with Condition _____ of the licence?</p> <p><input type="radio"/> Yes <input type="radio"/> No</p>													
<p>Any details of any meeting with local residents/complainants received during assignment (include names, addresses, telephone numbers, etc.)</p> <p>Faint odours detected - Slightly sweet WWT-type odour. Not very strong. Ideal conditions for odour plume dispersal. Complaint unlikely, but possible.</p>													

Castlebury WWTP 21/09/2021. 12.50



Castletown WWTP - 21/09/2021 10:50 pm

Parameter	Observer's Location		Wind			Weather		Time		Odour rating		General comments and odour description comments	
	Map location no	Name of household / commercial site (easily identified)	Sensitivity (1-5) Note 1	Direction from which wind blows	Orientation (Observer vs facility)	Strength (0-9) Note 2	Precipitation (1-5) Note 3	Temperature (1-4) Note 3	Start Time (24h clock)	End Time (24h clock)	Odour Persistence (0-2) Note 4		Odour Intensity (0-4) Note 5
Threshold (may indicate nuisance)			93	-	Downwind, Against SW, or Not detectable	-	-	-	-	-	1 or 2	22	Guide: A location where the score meets or exceeds all the threshold values may be deemed subject to nuisance/pollutant impairment, particularly if the observations are supported by public complaints in impact, frequency and duration of odour.
Field Observations	1	At WWTP entrance	2	SW	Upwind	2	1	2	22:51	22:56	0	0	
	2	At drainage village	3	SW	Downwind	2	1	2	23:00	23:10	0	0	
	3	Walkway at river	4	SW	Downwind	2	1	2	23:12	23:17	1	1	Faint whiff of worst odour.
	4	Thomond Village area	4	SW	Downwind	2	1	2	23:16	23:25	0	0	
								:	:				
								:	:				
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Brief details of any meeting with local residents/complaints received during assessment (include names, addresses, telephone numbers, etc.)												In the opinion of the Inspector, are the activities occurring at the licensed facility resulting in a non-compliance with Condition _____ of the Licence?	
Faint odour at houses to NE of WWTP. Not strong or persistent. Some dispersion due to light breeze.													0 Yes <input type="checkbox"/> 0 No <input type="checkbox"/>

Castletroy NWTP - 21/09/2021 22:30

