

Appendix 7A:
Odour Survey Sheets

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

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) Notes
Thresholds (may indicate nuisance)			23	-	Downwind, Approx DW, 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/significant impairment, particularly if the observations are supported by public complaints on impact, frequency and duration of odours
Field Observations	1	At Outlet.	2	-	Upwind	0	1	3	13:36	13:41	1	1	Very faint odour at side of tank.
	2	@ door of Sludge handling building	2	-	Downwind	0	1	3	13:42	13:47	2	2	Slightly sweet - stronger in wind. Has strong outside door - localised.
	3	@ Sludge handling 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	SWW	Downwind	1	1	7	13:58	14:03	1	1	faint Wherry odour.
	6	@ Aeration tank	2	SWW	Downwind	1	1	3	14:04	14:09	1	2	Odour detectable but not strong
	7	@ pumps	2	SWW	Downwind	1	1	3	14:10	14:20	2	2	Wherry odour.
	8	@ WWT Works	2	SWW	Downwind	1	1	3	14:20	14:25	2	3	Strong odour - Sweet Surfactants?
	9	@ Pumping Station	2	SWW	Downwind	1	1	3	14:30	14:35	2	3	" " "
	10	@ Broom. Village	5	SWW	Downwind	1	1	3	15:30	15:40	2	2	No odour detected initially. Light breeze - detected

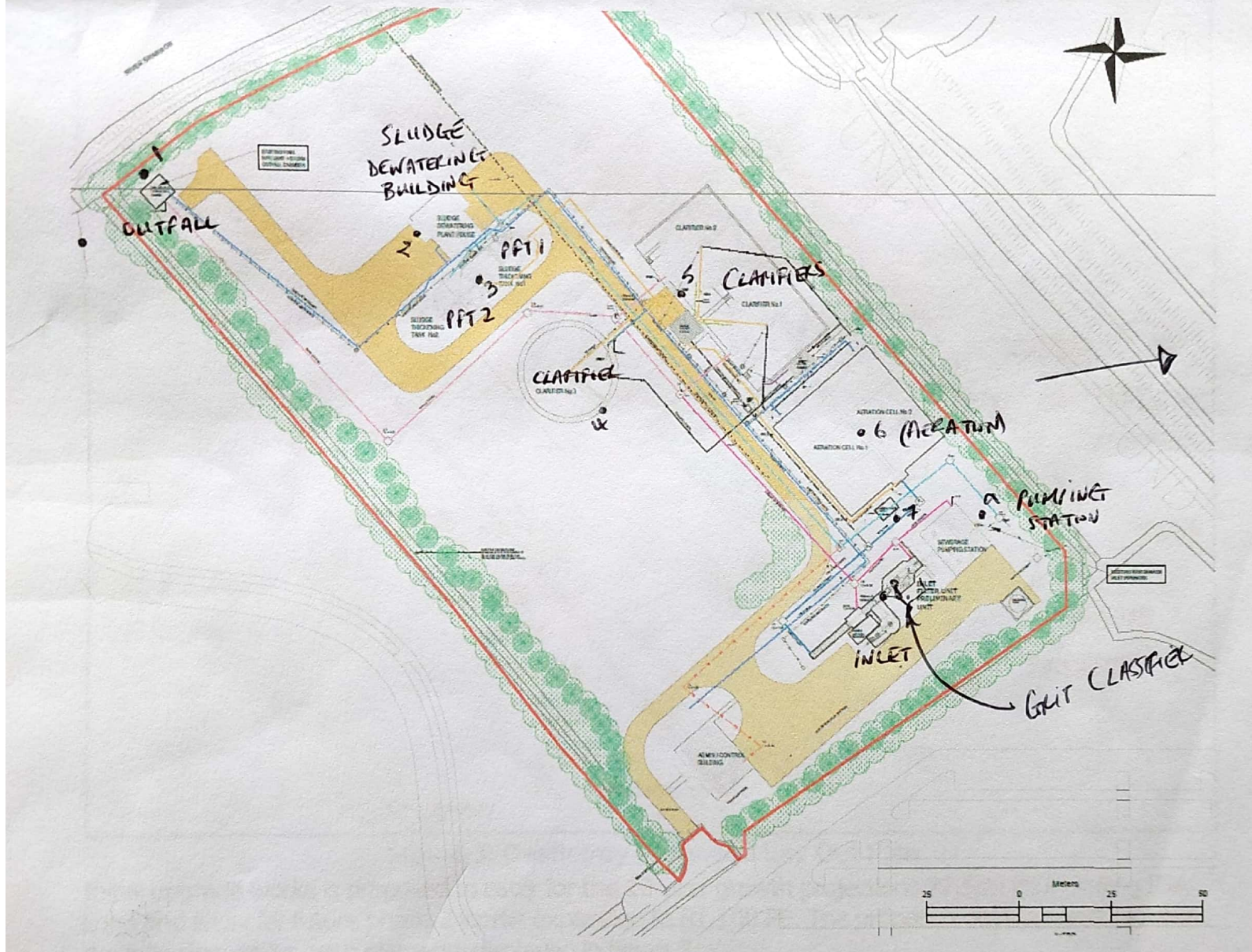
Brief details of any meeting with local residents/complaints received during assessment (include names, addresses, telephone numbers, etc.)

In the opinion of the Inspector, are the activities occurring at the licensed facility resulting in a non-compliance with Condition _____ of the licence?
 Yes No

Castletroy WWTP

21/09/2021.

ON SITE ODOUR SURVEY.



CASTLETON WWTP 21/09/2021

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 vs (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
Thresholds (may indicate nuisance)			23	-	Downwind, Approx DW, 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/significant impairment, particularly if the observations are supported by public complaints on impact, frequency and duration of odours
Field Observations	1	WWTP entrance / Car park	2	W	Upwind	1	1	3	12:47	12:52	0	0	No odours detected.
	2	LIL Bookhouse	3	W	Upwind	1	1	3	12:52	12:57	0	0	
	3	Dromore Village	5	W-SW	Downwind	1	1	3	13:01	13:06	1	2	WWTP odours (occasional wft)
	4	Along walk at river	4	W-SW	Downwind	0	1	3	13:07	13:11	1	1	faint WWTP odour
	5	Thornend Village	4	West	Crosswind	1	1	3	13:12	13:17	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? O Yes <input type="radio"/> No <input type="radio"/>	
faint odours detected - sickly sweet WWTP type odour. Not very strong. Ideal conditions for odour plume dispersal. Complaint unlikely, but possible.													

Castlehay WWT 21/09/2021. 12.5



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
Thresholds (may indicate nuisance)			23	-	Downwind, Approx DW, 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/significant impairment, particularly if the observations are supported by public complaints on impact, frequency and duration of odours.
Field Observations	1	At WWTP entrance	2	SW	Upwind	2	1	2	22:51	22:56	0	0	
	2	At Broomere 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 WWTP odour.
	4	Thomond Village area	4	SW	Downwind	2	1	2	23:20	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.)													
Faint odour at houses to NE of WWTP. Not strong or persistent.													
Some dispersion due to light breeze.													
In the opinion of the Inspector, are the activities occurring at the licensed facility resulting in a non-compliance with Condition _____ of the Licence?											O Yes	O No	

Castlehay NWTP - 21/09/2021 22:50.

