

Assessment of Hazards and Odour Risk Assessment – Assessing the Creation of Odour at Receptors

Source No.	Source Description	Operation	Pathway	Risk Management	Probability	Consequence	Overall Risk
1	Roller Shutter Doors (1)	Standard	Air	<p>Plastic strip containment when doors are open. Roller shutter doors to remain shut when not in use. Odour extraction on warehouse will be implemented if existing abatement do not effectively manage odours</p> <p>Daily, weekly & monthly cleaning schedule using nano bubble ozone treated water. Any spillages to be cleaned up immediately. The door is only open when unloading or loading waste to and from the warehouse.</p> <p>All waste is kept in sealed tanks and vessels. Processes within the warehouse have their own abatement system. The roller shutter doors will be serviced regularly.</p>	Low	Odour Annoyance	Low
1	Roller Shutter Doors (1)	Accidental Release/ Incident	Air	<p>Plastic strip containment when doors are open. Roller shutter doors to remain shut when not in use. Odour extraction on warehouse will be implemented if existing abatement do not effectively manage odours.</p> <p>Any spillages within the warehouse warrant the immediate closing of both sets of roller shutter doors. Immediate cleaning. All spillages to be</p>	Low	Odour Annoyance	Low

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				cleaned up immediately. Deliveries to cease until back to standard operation. Service contractor emergency contact number for repair.			
2	Solids Bay 1	Standard	Air	<p>Solids contained within enclosed shed. Roller shutter door kept closed outside of loading/unloading.</p> <p>Minimised solids retention time on site, so material does not deteriorate. Cleaning of transfer equipment as well as daily, weekly and monthly cleaning using nano bubble / ozone water. Other chemical cleaning available where required. Any spillages to be cleaned up immediately. The material stored in the solids bay will consist of non offensive material such a Fruit and vegetables. Highly odourous material will be rejected.</p>	Low	Odour Annoyance	Low
2	Solids Bay 1	Accidental Release/ Incident	Air	Increased cleaning schedule including additional ozone / bleach / peroxide treatment. Immediate removal of any remaining solids on site to allow for full cleaning and de-contamination. Any spillages to be cleaned up immediately. Deliveries to cease until standard operation re-attained.	Low	Odour Annoyance	Low

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				Alternative routes & storage for all solid wastes for removal where required.			
3	RT1 Loading Bay	Standard	Air	Waste to be pumped off of tanker to prevent emissions from displaced air. Should the tanker need to pump off the waste, the displaced air is to be connected to the centralised odour abatement system. Daily washdowns and cleaning with nano-bubble/ozone water to be carried out to disinfect and neutralise any odours and prevent vermin. Any displaced air is connected and extracted via pump to the odour scrubber and treated. Any spillages to be cleaned up immediately. Nano bubble technology maintenance and servicing schedule adhered to.	Low	Odour Annoyance	Low
3	RT1 Loading Bay	Accidental Release/ Incident	Air	Any spillages to be cleaned up immediately. Bund to be tankered clear if required. Nano bubble and additional cleaning chemicals available for deep clean. The waste can also be pumped to RT2 for storage.	Low	Odour Annoyance	Low
4	Roller Shutter Doors (2)	Standard	Air	Plastic strip containment when doors are open. Roller shutter doors closed when not in use. Processes within warehouse have individual abatement.	Low	Odour Annoyance	Low

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				<p>Daily, weekly & monthly cleaning schedule using nano bubble ozone treated water. Any spillages to be cleaned up immediately. All waste to be kept in sealed tanks and vessels.</p> <p>Any spillages to be cleaned up immediately. Nano bubble technology maintenance and servicing schedule adhered to. Serviced regularly.</p>			
4	Roller Shutter Door (2)	Accidental Release/ Incident	Air	<p>Any spillages within the warehouse warrant the immediate closing of both sets of roller shutter doors. Increased cleaning frequency. All spillages to be cleaned up immediately.</p> <p>Service contractor emergency contact number for repair.</p>	Low	Odour Annoyance	Low
5	Onsite Pumping Stations	Standard	Air	<p>The pumping station is fully covered & enclosed, should not be a source of odour.</p> <p>The plant bunded area is contained, any wash-down is pumped back to the reception tank to prevent any contamination with surface waters. The bunded area is fully washed down daily in line with site cleaning procedures. Spillages minimised through operational procedures.</p> <p>Chemical treatment with Peroxide or Sodium Hypochlorite can be added to the onsite pumping</p>	Low – medium due to potential frequency of spills, however all spills to be cleaned up immediately, short duration of potential odour.	Odour Annoyance	Low – medium due to frequency, procedures in place.

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				<p>station to mitigate and odours. Nano bubble & Nano bubble ozone treated water can also be added to assist in odour management and disinfection.</p> <p>The pumping station cover will be removed for scheduled and emergency cleaning and maintenance of the pumps. The pumping station will be pump down to minimise the potential of any odour release.</p>			
5	Onsite Pumping Stations	Accidental Release/ Incident	Air	<p>Should an accidental release occur within the plant bunded area. The area will be washed down immediately as per site cleaning procedures. Should site drainage system become blocked, external site drainage maintenance will be arranged immediately. Spill kits are kept on site and will be utilised.</p> <p>Where the pumping station is to be deep cleaned, additional chemicals to neutralise any odour can be utilised. Standby petrol pumps are available on site. Tankers are available to empty and remove waste as required.</p> <p>Unloading and loading activities will cease should spillage clear capacity be affected in any way.</p>	Medium dependent on frequency and scale of spills, however all spills to be cleaned up immediately, short duration of potential odour.	Odour Annoyance	Low – medium due to frequency, procedures in place.

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6	Odour Scrubber (Centralised Odour Abatement System)	Standard	Air	<p>Neutralise onsite odours utilising nano-bubble and ozone technology. Additional peroxide & hypochlorite addition to assist with neutralisation of odours if required. Nano-bubble technology maintenance and servicing schedule adhered to. Odour scrubber should not have any odours itself.</p> <p>The onsite odour from the odour treatment facility will be checked systematically during the day. The level of chemical correction and Ozone addition will be adjusted to manage the odour.</p>	<p>Low</p> <p>Due to the fact this part of the odour management is after the initial carbon scrubber treatment.</p>	Odour Annoyance	<p>Low</p> <p>Due to number of mitigation process in place. Failure of one or even two processes will not adversely effect our ability to mitigate the risk.</p>
6	Odour Scrubber	Accidental Release/ Incident	Air	<p>The odour scrubber itself should not provide a source of odour however should the equipment fail; site operations are to be paused until the system comes back up and running.</p> <p>During shutdown for cleans, operations are to be amended to incorporate the cleans as well as any sludge etc which may need removing, which would be tankered offsite. Competent trained operatives and effective management.</p> <p>Alternative treatment methods during centralised abatement service / failure detailed within OMP.</p>	<p>Low</p> <p>Due to fact that this is the second stage of the odour management process</p>	Odour Annoyance	<p>Low</p> <p>Due to the number of mitigation processes in place. Failure of one or even two processes will not adversely affect our ability to mitigate the risk.</p>

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7	Feedstock Reception	Standard	Air	<p>Waste to be pumped off tanker to prevent emissions from displaced air. Should the tanker need to be pumped off, the displaced air is to be connected to the site odour treatment unit. Daily cleaning and washdowns using nano-bubble ozone water to be carried out to disinfect and neutralise the area to prevent odours and vermin.</p> <p>Weekly and monthly clean downs using ozone treated water. Any spillages to be cleaned up immediately. Nano bubble and odour scrubber service and maintenance schedule to be adhered.</p> <p>Loading and unloading hoses and equipment to be inspected weekly to ensure fit for purpose. Spare hose available on site. Tank level sensor regularly to ensure reading correct and manual calibrated weekly. Always check that the accepting reception tank has the available capacity to receive the load prior to acceptance.</p>	Low	Odour Annoyance	Low
7	Feedstock Reception	Accidental Release/ Incident	Air	<p>Spills to be immediately contained and cleaned up. Spill kits situated around site at all reception areas. Area cleaned and disinfected with ozone water or other chemicals where required. Any more substantial spillages within bunded area to be tankered offsite. Deliveries to cease until back</p>	Low	Odour Annoyance	Low

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				to standard operation. Replacement hoses available.			
8	RT2 Reception	Standard	Air	Tankers containing the liquid waste is pumped directly into the reception tanks. Procedures for the receiving of the waste to prevent highly odorous waste entering site. Monitored discharge of the waste including sampling & initial analysis. Hoses connected directly to the reception tank, and the direct area will be fully washed down following waste discharge. Wash down water collected at the waste collection pumping station will be returned directly to reception tank. Displaced air is treated by a carbon scrubber. Daily Checks on carbon performance where any odour detection instigates isolation of the tank and change of media. Tanker off loading to be supervised by a trained operative. Tanker operator must be with the vehicle at all times whilst unloading.	Low – Medium Waste is received daily however if correctly managed, unlikely to be any odour released due to sealed system. Pumping off the waste using the onsite pump will remove any odours being created by the tanker discharging.	Odour Annoyance	Low – Medium Risk (Dependent on nature of waste types – Overall Low-Medium)
8	RT2 Reception	Accidental Release/ Incident	Air	The site has procedures, equipment and infrastructure in place to mitigate against any accidental release during tanker reception which may cause an increase in odour intensity. Such incidents include a spillage from a tanker, leakages in the discharge hoses or from the	Low – Medium Waste is received daily; however, the risk of accidental release	Increased Likelihood of Odour Annoyance	Medium (Dependent on nature of waste types – Overall Low-Medium)

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				reception tank. The reception area is fully bunded. There are procedures in place to ensure that waste reception and tanker discharge are supervised this includes inspection of all reception hoses and connection which are on the daily site checklist. Any spillages are to be cleared up immediately. There is an air bleed valve that allows the tanker to suction clean hose prior to disconnecting, reducing any spillages.	is very low and procedures are in place to reduce risk and abatement techniques of reducing potential odours		
9	Flares	Standard	Air	Biogas following scrubbing and without CHP operation, is flared using a shrouded, enclosed biogas flare. Due to the high-quality biogas produced (controlled by operational parameters), the gas flared is completely combusted, reducing any odour emissions. In standard operation the flare will not be operated, no odour produced.	Low Unlikely as the flare only operates during maintenance on the CHP and under emergency conditions.	Odour Annoyance	Low risk due to infrequent use and specification of flare
9	Flares	Accidental Release/ Incident	Air	Should the CHP fail, and the Biogas Scrubber fail because of the media being saturated, the biogas flare may be supplied with gas containing a higher than usual concentration of hydrogen sulphide. Due to both the temperatures of the flare, and the high-quality biogas produced, the gas will be completely combusted, reducing any odour emissions. The process will be immediately	Unlikely due to flare and biogas scrubber daily checks and regular maintenance.	Increased Odour Annoyance	Low due to specification of flare and abatement measures in place

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				switched off to reduce the volume of biogas produced.			
10	CHP	Standard	Air	Biogas is scrubbed prior to the CHP. The engines are maintained on a full-service contract. The high efficiency of the engine reduces potential emissions. Clean burn engine produce emissions below the directive limits at 65% methane. Operational parameters of plant operation produce typically more than 75% methane, with targets of over 80%, further reducing emissions and increasing the engine efficiency.	CHP to be running for 8000 hours annually. Unlikely due to full emissions assessment.	Odour Annoyance	Low due to emissions analysis undertaken on CHP, the meeting of all emissions standards and the monitoring and maintenance invested into the CHP
10	CHP	Accidental Release/ Incident	Air	Should CHP fail, no gas will be combusted at the engine and therefore no exhaust produced. Should biogas scrubber fail, the biogas will be diverted to the flare to ensure no damage occurs to the engine due to the remaining H ₂ S concentration. No odour produced	Unlikely due to above failsafe measures. Should there be an emergency release duration would be short and unlikely to affect local receptors	Odour Annoyance	Low due to emissions analysis undertaken on CHP, the meeting of all emissions standards and the monitoring and maintenance invested into the CHP
11	ABP/MBT	Standard	Air	Aeration to stop degradation of waste. Enclosed vessel. No odour on standard operation. Short retention time. Carbon Scrubbers. Maximum of	Batch feed tanks used daily for feeding the	Odour Annoyance	Whilst low probability due to the abatement

Source No.	Source Description	Operation	Pathway	Risk Management	Probability	Consequence	Overall Risk
				24-hour retention time. Quarterly tank cleans to prevent build-up of solids. Daily checks on Filters. Annual inspection and repairs carried out by qualified contractors.	anaerobic digester system. Odour scrubbers on tank vent		methods and controls in place, considered low – medium risk.
11	ABP/MBT	Accidental Release/ Incident	Air	Removal of waste off-site due to process failure, within 4 hours. Emergency repairs to prevent leaks. Chemical correction can also add to the Inlet DAF (1). Waste added to the ABP/MBT is generally of low and faint odours	Quarterly tank cleans are when a release is most likely.	Odour Annoyance	Low – medium risk due to potential odour on regular cleans
12	Main Break Tank	Standard	Air	<p>The high-rate anaerobic digestion process is fully enclosed to maintain anaerobic conditions, including the break tank which form part of the recirculation loop. Closely controlled process parameters have been determined and optimised to minimise the production of H₂S. In standard operation, there is a minimal source of odour. Any off gases from the liquid fraction will be captured via a carbon filter and will be checked daily. Overflow bucket cleaned and topped up with glycol & bleach.</p> <p>Ferric addition to the main break tank to assist in H₂S management. De-sludged on a weekly schedule to remove settled sludges. Level sensors</p>	Sealed system, unlikely to be a source of odour unless tanks fail or leak. Regular maintenance on carbon scrubbers. Break tanks in continuous use.	Odour Annoyance	Low – medium due to the frequency of use of the tanks but generally low risk as not a source of emission.

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				checked weekly and calibrated. Competent operators			
12	Main Break Tank	Accidental Release/ Incident	Air	<p>For the break tanks to produce any odour, there must be a leak within the break tanks. During maintenance of the break tanks, these would be individually/collectively shut down and gas purged. The reactors themselves are inspected daily and any loss of pressure, decrease in volume would be flagged by SCADA and alarmed. Should the reactors ever leak, any discharge will be captured within the bunded area, where all effluent could be washed down to reception tanks. Daily checks on scrubber and water buckets.</p> <p>All seals and gaskets are inspected monthly and upon any sign of a leak or wear will be replaced. Connecting pipe work and hoses and valves checked daily. Sludge removed from Main break tank on a weekly basis. Level sensor calibrated weekly.</p>	Unlikely to leak or fail, daily inspection on tanks, supplier guarantee on equipment.	Increased Odour Annoyance	Low risk due to the likelihood of odour reaching outside site boundary or local receptors in the event of a tank failure.
13	Reactor 1 Nano-Bubble Treatment	Standard	Air	<p>Nano bubbles have odour neutralising properties. This vessel provides a means to treat anaerobic effluent / trade effluents prior to discharge. There should be no odour from associated activities. There is a carbon scrubber on the top of the</p>	Low	Odour Annoyance	Low

Source No.	Source Description	Operation	Pathway	Risk Management	Probability	Consequence	Overall Risk
				vessel to further scrub any off gas. Daily monitoring as well as weekly and monthly checks. Carbon scrubber replacement schedule. Weekly & Monthly tank de-sludging. Annual tank inspection and clean. Adhering to nano bubble technology service & maintenance schedule.			
13	Reactor 1 Nano-Bubble Treatment	Accidental Release/ Incident	Air	There may be odour potential on de-sludging the vessel should any spillages occur, which is to be monitored and reduced through directly tankering settled sludge into a sealed tanker (and off gases treated where required) and the use of neutralising chemicals such as ozone, peroxide or sodium hypochlorite. Non return valves on all inlet lines to R1.	Low	Odour Annoyance	Low
14	Reactor 6 Feedstock Storage	Standard	Air	Displaced air initially treated via carbon scrubber then subsequently via nano bubble, ozone disinfection and neutralisation. Displaced air connected via hose/pipework. Daily, weekly & monthly cleaning schedule using nano bubble treated water. Weekly tank de-sludging. Annual tank inspection and clean. Nano bubble technology maintenance and servicing schedule adhered to. Level sensors calibrated and cleaned on a weekly basis to prevent any spillages.	Low	Odour Annoyance	Low

Source No.	Source Description	Operation	Pathway	Risk Management	Probability	Consequence	Overall Risk
14	Reactor 6 Feedstock Storage	Accidental Release/ Incident	Air	<p>Spillages during unloading / loading may cause an accidental release. All spillages to be cleaned up immediately and area de-contaminated.</p> <p>Feedstock pump to be maintained as per scheduled. Pressure transmitter operational. Hoses checked weekly along with pipe work, valves sump pumps working.</p>	Low	Odour Annoyance	Low
15	Grey Feedstock Tanks	Standard	Air	<p>Displaced air treated by carbon scrubber prior to nano bubble & ozone disinfection and neutralisation. Displaced air connected via hose/pipework. Daily, weekly & monthly cleaning schedule using nano bubble treated water. Weekly tank de-sludging. Annual tank inspection and clean. Nano bubble technology maintenance and servicing schedule adhered to.</p> <p>Level sensors checked daily & calibrated weekly. Carbon scrubbers off gases checked daily.</p>	Low	Odour Annoyance	Low
15	Grey Feedstock Tanks	Accidental Release/ Incident	Air	<p>Spillages during unloading / loading may cause an accidental release. All spillages to be cleaned up immediately and area de-contaminated.</p> <p>Washed down to the pumping station and pumped back to RT2.</p>	Low - Medium	Odour Annoyance	Low

Source No.	Source Description	Operation	Pathway	Risk Management	Probability	Consequence	Overall Risk
				All hoses and valves checked fit for purpose operational. Overflows to adjacent tank. Check & clean level sensor.			
16	Gold Feedstock Tanks	Standard	Air	<p>Displaced air treated by a carbon scrubber prior nano bubble & ozone disinfection and neutralisation. Displaced air connected via hose/pipework. Daily, weekly & monthly cleaning schedule using nano bubble treated water. Weekly tank de-sludging. Annual tank inspection and clean. Nano bubble technology maintenance and servicing schedule adhered to.</p> <p>Level sensors checked daily & calibrated weekly. All hoses and valves checked fit for purpose operational. Carbon scrubbers of gases checked daily and exchanged when required.</p>	Low – Medium	Odour Annoyance	Low
16	Gold Feedstock Tanks	Accidental Release/ Incident	Air	<p>Spillages during unloading /loading may cause an accidental release. All spillages to be cleaned up immediately and area de-contaminated.</p> <p>Washed down to onsite pumping station and pump back and collected in RT2. Overflows to adjacent tank. Check and clean level sensor.</p>	Low – Medium	Odour Annoyance	Low

Source No.	Source Description	Operation	Pathway	Risk Management	Probability	Consequence	Overall Risk
17	White Feedstock Tanks	Standard	Air	Displaced air treated by a carbon scrubber the subsequently by the nano bubble & ozone disinfection and neutralisation. Displaced air connected via hose/pipework. Daily, weekly & monthly cleaning schedule using nano bubble treated water. Weekly tank de-sludging. Annual tank inspection and clean. Nano bubble technology maintenance and servicing schedule adhered to. Level sensors cleaned and calibrated. The carbon scrubber checked daily and exchanged as required.	Low – Medium	Odour Annoyance	Low
17	White Feedstock Tanks	Accidental Release/ Incident	Air	Spillages during unloading / loading may cause an accidental release. All spillages to be cleaned up immediately and area de-contaminated. Washed down to onsite pumping station. Pump backed to RT2. Overflows to adjacent tanks. Level sensors checked and cleaned.	Low – Medium	Odour Annoyance	Low
18	R&D Plant for Leachate, FOGs and Complex Wastes	Standard	Air	Fats, oils & greases received directly into FOG enclosed reception tank. Procedures for strictly controlling the receiving of the waste. Odour scrubbing via activated carbon, then treated via the onsite odour abatement unit. Wash down of the reception areas following unloading. Wash down water collected at waste collection pumping station and returned directly to the RT2.	Reception of fats, oils & grease is potentially up to a maximum 1 – 2 deliveries per day. Under standard operation, there should be little	Odour Annoyance	Low risk due to fully contained system (Overall risk is classed as low-medium due to enclosed

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				<p>FOG reception area is closed except for when deliveries are being received (Doors will close behind receiving vehicle). FOG also received in sealed IBC's. Other complex wastes contained within sealed tanks.</p> <p>Nano bubble with ozone treatment will be used to control the odours with the reception tanks. Chemical correction of the waste within the mixing tank. The waste will be pumped off via the RT1 reception pump. Nano bubble technology is part of the FOG/Complex waste process.</p> <p>Dedicated internal bund and waste collection point. All level sensors checked and calibrated.</p>	risk of odour release due to abatement methods and indoor reception.		system and nature of waste)
18	R&D Plant for Leachate, FOGs and Complex Wastes	Accidental Release/ Incident	Air	<p>In the case of FOG spillage during reception which could lead to an increase in odour intensity, procedures are in place to ensure that any spill is cleared up immediately to mitigate any odour release. The reception area is bunded and acceptance procedures ensure the waste reception is monitored, minimising the possibility of a spillage.</p> <p>Both shutter doors shut. Tankers on standby to remove the waste if required.</p>	Reception of fats, oils & grease is potentially up to a maximum of two deliveries a day. Should a spillage occur, duration of potential odour is a maximum of 30 minutes, and odour should be	Odour Annoyance	Low – medium risk (Due to the nature of waste and potential odour). Risk of odour reach receptors is increased in the event of a spillage, and therefore abatement

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					contained within building.		measures are in place to reduce intensity, duration as well as frequency of odour (frequency of accidental release).
19 - 22	Reactor PRVs	Standard Operation	Air	<p>PRV's are a safety feature on the Reactors. Check monthly that they operate correctly by isolating each individual reactor and check releases and closes to afford a gas tight seal. A service contract for the CHP engine will ensure that the biogas is utilised via the engine for the maximum possible uptime. Should the CHP fail, the biogas will be treated via either the flare or standby flare.</p> <p>High / low pressure alarm via SCADA. PRV's are scheduled for maintenance on an annual basis.</p>	<p>Low</p> <p>The testing and calibration of the PRV's will take only a few minutes per month.</p>	Odour Annoyance	Low
19 - 22	Reactor PRVs	Accidental Release / Incident	Air	<p>The individual PRV's can be isolated for repair. Replacement PRV's are available onsite. High Alarm via SCADA system.</p>	Low	Odour Annoyance	Low

Source No.	Source Description	Operation	Pathway	Risk Management	Probability	Consequence	Overall Risk
23 - 28	Reactor Overflow	Standard Operation	Air	The overflow system affords a watertight seal preventing the biogas from being released to the atmosphere. Check water trap daily	Low	Odour Annoyance	Low
23 - 28	Reactor Overflow	Accidental Release / Incident	Air	Should all the fail safes fail: CHP, Flares and then the PRV's, the water trap will release the pressure to protect the reactors integrity. Once the pressure is released below 100mbar the water will then reseal the water trap. Top up water trap as required. Stop feeding immediately.	Low	Odour Annoyance	Low
29	Inlet DAF (1)	Standard Operation	Air	The DAF is completely covered to prevent odour release. Chemical and polymer addition can be implemented as required and determine by the incoming waste streams. The DAF will be cleaned and emptied weekly to prevent a build up of sludges and odours	Low Weekly scheduled cleaning for a maximum of 1hr.	Odour Annoyance	Low
29	Inlet DAF (1)	Accidental Release / Incident	Air	Ensure DAF covered. Stop feeding and empty DAF unit. Chemical correction as required.	Low	Odour Annoyance	Low
30	DAF Break Tank (1)	Standard Operation	Air	Process creates a negative pressure within the break tank whilst pumping. When not pumping, the displaced air will be treated via a carbon scrubber.	Low	Odour Annoyance	Low

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30	DAF Break Tank (1)	Accidental Release / Incident	Air	Empty and clean DAF break tank. Chemically treat with peroxide.	Low	Odour Annoyance	Low
31	Effluent DAF (2)	Standard Operation	Air	DAF completely covered. Emptied weekly and cleaned. Chemically treated as required.	Low	Odour Annoyance	Low
31	Effluent DAF (2)	Accidental Release / Incident	Air	Stop process. Empty via tanker and clean down. Chemically treat with Peroxide and Nano bubble treated water.	Low	Odour Annoyance	Low
32	Complex DAF (3)	Standard Operation	Air	DAF completely covered. Emptied weekly and cleaned. Chemically treated as required.	Low	Odour Annoyance	Low
32	Complex DAF (3)	Accidental Release / Incident	Air	DAF completely covered. Weekly cleaning schedule. Chemically and Nano bubble treated.	Low	Odour Annoyance	Low
33	FOG Storage Tank	Standard Operation	Air	The tank will be a sealed tank and the off gases are treated by a carbon scrubber then polished via the onsite odour abatement unit.	Low	Odour Annoyance	Low
33	FOG Storage Tank	Accidental Release / Incident	Air	Tank cleaned and emptied monthly. Tank inspected. Valves and pipework inspected and maintained.	Low	Odour Annoyance	Low

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34	DAF 3 Break Tank	Standard Operation	Air	Sealed unit. Effluent has been chemically, and nano bubble treated. Weekly emptied and cleaned. Level sensor cleaned and calibrated.	Low	Odour Annoyance	Low
34	DAF 3 Break Tank	Accidental Release / Incident	Air	Empty & clean tank. Clean up any spills immediately. Check & clean level sensor.	Low	Odour Annoyance	Low
35	Heating oil storage tank	Standard Operation	Air	Minimal odour. Levels manual check whilst loading. Double bunded.	Low	Odour Annoyance	Low
35	Heating Oil Storage Tank	Accidental Release / Incident	Air	Spill kit available. Competent supplier. Supervised.	Low	Odour Annoyance	Low
36	200 kW Boiler	Standard Operation	Air	Under service contract. Optimised to achieve emission standards. Only in use commissioning or CHP servicing.	Low	Odour Annoyance	Low
36	200 kW Boiler	Accidental Release / Incident	Air	Stop boiler. Clean up spillages. Call engineer.	Low	Odour Annoyance	Low
37	TF1 Tank Farm	Standard Operation	Air	Allows air to be drawn into the tanks via a small carbon scrubber. The carbon scrubber prevents odour leaving the tank farm should the extraction pump fail.	Low	Odour Annoyance	Low

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				The tanks are sealed and interlinked to mitigate any spillages. Dedicated operational bund. Spillages cleaned up immediately and disinfected. Levels sensors check and calibrate. Tanks cleaned out and inspected monthly. All associated equipment inspected and calibrated.			
37	TF1 Tank Farm	Accidental Release / Incident	Air	The attached carbon scrubber prevents odour releases. Any spillages cleaned up immediately. Tankers to remove waste from site as required.	Low	Odour Annoyance	Low
38	TF9 Tank Farm	Standard Operation	Air	Connected to a carbon scrubber then treated via the onsite abatement system. Level sensors checked and calibrated. Spillages cleaned up immediately and disinfected. Fully bunded. All associated equipment inspected and calibrated. Tanks emptied clean and inspected. Tanks double bunded	Low	Odour Annoyance	Low
38	TF9 Tank Farm	Accidental Release / Incident	Air	Tanker removed waste from site as required. Stop incoming waste.	Low	Odour Annoyances	Low