Noise Management Plan

4 13/12/2021 Helen Capps Version :-Date :-Document Owner : -

Mobile noise sources
Specific noise sources
Current actions
Areas out of use

To be removed as part of the Renewal Project
Equipment to be removed Phase 2 & 3 of SFRP
monstration of BAT, Supplementary Information Required For Complex And/or High-



itoise management	Plan - Specific Noise	Jources						Distance From	1					
Site Location	INR Source Reference	McCain Source Reference	Identify Sources Of Noise And/or Vibration		Specific Noise Level Fr	om Source	Future Readings Specific Noise Level From Source	Source From Source To Sound Measuring Device In Meters	Contribution Of Overall Emission (H, M, L)	What Abatement And Actions	BAT (Best Avail. Tech.)	Further Actions To Be Taken	Due Date/ Who	Actions Discounted
				LAeq	Sound level Leq, dBA	Frequency Levels	LAeq @ 1m Or Corrected To 1m 9dB)				Y/N			
Mobile Noise Sou	urces						•							
Yard Areas		Contracted Supplier HGV's	Transport - HGV Tankers - Delivery/Collection						L	Only run engines when absolutely necessary. Sounder only used when	Yes			
										moving on site in reverse. Pump only operating when required.				
Receiving Yard		Skid Steer Thomas Loader.	Transport - Skid Steer Thomas Loader - McCain Foods Vehicle						L	Night time curfew in place (Reversing alarm (white noise	Yes			
										sounding alarm)Routine Service Plan on Vehicles in alignment with OEM recommendations. Vehicles				
										switched off when not in use.				
Receiving Yard		ConBUL	Potato Bulkers - Contract vehicles						L	Monitor for maintenance or squeaking belts	Yes			
Gate House Main Gate		Bus (Double or Single Deck)	Transport - Bus - Single/Double Deck						L	Engine switched off once parked on site for staff loading/unloading of	Yes			
Yard Areas		McCain Vehicles -	Car/Van/Site Pool Car							vehicle. Routine Service Plan on Vehicles in	Yes			
		Car/Van/Pool Car								alignment with OEM recommendations. Vehicles switched off when not in use.				
Yard Areas		Contractor Vehicles - Car/Van.	Car/Van.						L	Vehicles switched off when not in use.	Yes			
Yard Areas		Site FLTs	Transport - Fork Lift Trucks (Diesel & Electric)						L	Reversing alarm (white noise sounding alarm) on all trucks.	Yes			
										Insurance inspected and full service as advised by OEM.				
Yard Areas		CONHGV	Transport - Contractor HGV - Solid Back/Curtain Side						L	Vehicles switched off when not in use. Belts use/Loading & Unloading kept to a minimum. Loading time	Yes			
Yard Areas		SKHGV	Transport - Contractor HGV - Skip Delivery/Exchange.						L	minimised. Quick turn-around to	Yes			
										deliver/exchange once on site. Movement kept to a minimum. Tie in all skips change out to same day where possible to reduce impact/frequency.				
Despatch Yard and Road		ConChil	Transport - Contractor HGV - Chillier Trailer Units						L	Quick turn-around to load/depart once on site. Movement kept to a minimum. Reversing beacons turned off overnight by HGV drivers.	Yes			
Renewal Project		Construction activities and deliveries	Demolition and Construction Transport - Contractor HGV - Skips and piling operations						М	Good working awareness and practice . Town planning conditions working hours	Yes	Ongoing monitoring during piling and construction works with noise surveys conducted by project Env Manager	Harry Bond	on going
Specific Noise Se	ources			<u> </u>				<u> </u>	<u> </u>					
Potato House Roof			Potato House - Line 1 Steam Peeler Exhaust Stack								Yes	New Equipment to be measured and reported on		
Potato House Roof			Potato House - Line 2 Steam Peeler Exhaust Stack								Yes	New Equipment to be measured and reported on		
Condensor Deck			Tower 1								Yes	New Equipment to be measured and reported on		
Condensor Deck			Tower 2								Yes	New Equipment to be measured and reported on		
Condensor Deck			Tower 3								Yes	New Equipment to be measured and reported on		
Condensor Deck			Tower 4								Yes	New Equipment to be measured and reported on		
Condensor Deck			Tower 5								Yes	New Equipment to be measured and reported on		
Condensor Deck			Tower 6								Yes	New Equipment to be measured and reported on		
New Process Roof			Line 1 Fryer Extractor Fans								Yes	New Equipment to be measured and reported on		
New Process Roof			Line 2 Fryer Extraction Fans								Yes	New Equipment to be measured and reported on		

Noise Management	Plan - Specific Noise	Sources												
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				LAeq	Sound level Leq, dBA	Frequency Levels	LAeq @ 1m Or Corrected To 1m 9dB)				Y/N			
New Process Roof			Line 1 Drier Extraction Fans				10 1111 9415)				Yes	New Equipment to be measured and reported on		
New Process Roof			Line 2 Drier Extraction Fans								Yes	New Equipment to be measured and reported on		
New Process Roof			Fryer / Drier Area Extraction Fans								Yes	New Equipment to be measured and reported on		
Thermal Oxidiser Room			Thermal Oxidiser Extraction								Yes	New Equipment to be measured and reported on		
Thermal Oxidiser Room			Waste Heat Boiler Extraction								Yes	New Equipment to be measured and reported on		
TO Roof			Steam Exhaust Silencer								Yes	New Equipment to be measured and reported on		
Packing Roof			Freezer Area extraction Fan								Yes	New Equipment to be measured and reported on		
Packing Roof	454	LIDOEDA	Packing Area Extraction Fan	70						Internal Courses Monthly in collection collection	Yes	New Equipment to be measured and reported on		Habita baratan
Pump house Internal court yard	151	HRSEP1	HRS - North Sea Pump No.1	70	63 Hz 125 Hz 250 Hz 500 Hz 1 kHz 2 kHz 4 kHz 8 kHz	73.0 71.5 68.2 65.2 64.3 63.2 59.2 51.0		3	L	Internal Pumps - Ventilation grille in doors. PTI check on pumps.	No			Unable to hear at receptors
Pump house Internal court yard	151	HRSEP2	HRS - North Sea Pump No.2	70	63 Hz 125 Hz 250 Hz 500 Hz 1 kHz 2 kHz 4 kHz 8 kHz	73.0 71.5 68.2 65.2 64.3 63.2 59.2 51.0		3	L	Internal Pumps - Ventilation grille in doors.PTI check on pump 10/7/14	No			Unable to hear at receptors
HRS Plant wall, High level south facing	90	HRS1	HRS - Bio Filter Fan Exhaust Duct - High Level	73	63 Hz 63 Hz 125 Hz 250 Hz 500 Hz 1 kHz 2 kHz 4 kHz 8 kHz	83.6 78.3 81.5 77.4 76.5 77.6 74.5 66.6		6	L	Operator Checks/Inspections, Waste water treatment running inspection Cl07D-COM.	No			Fan located at ground level in high surveillance area . Unable to hear at receptors
Boiler house roof	34	BOILER1	Services - Boiller House No.1	80	63 Hz 125 Hz 250 Hz 500 Hz 1 kHz 2 kHz 4 kHz 8 kHz	77.6 74.7 72.0 64.8 71.1 73.0 74.8 67.5		1	М	Internal Boiler - Ventilation grille in doors. Capex project on going . New louvers fitted	No	Review service plan	31/8/13 J Green	Unable to hear at receptors
Cutter deck , high level mezz	41	CD2	Cutter Deck - Powered Roof Exhaust Fan No. 2	74	63 Hz 125 Hz 250 Hz 500 Hz 1 kHz 2 kHz 4 kHz 8 kHz	74.6 74.7 73.9 71.9 69.6 65.2 57.1		1		Jet Cowl/ Silencer in place and cleaned monthly as part of the cleaning schedule.	Yes			
Engine Room 1	install Spec	R8 = F1	Roof Extraction Fan No.1	42	63 Hz 125 Hz 250 Hz 500 Hz 1 kHz 2 kHz 4 kHz 8 kHz	NAME OF THE PROPERTY OF THE PR		3	L	1520mm attenuator fitted Replaced as part of plant room capex. 2014	Yes			
Mezz low level roof, east facing			Mezz air handling unit	91	63 Hz 125 Hz 250 Hz 500 Hz 1 kHz 2 kHz 4 kHz 8 kHz	87.7 88.8 89.9 89.8 67.4 80.4 72.8 65.4		1	L	No current abatement in place.	Yes	20/07/2013 Unit to retest. Complete cabinet and ducting replacement plus resited in roof valley and intakes inverted.		Unable to hear at nearest receptors
ADR wall medium level east facing	158	ADR AHU1	ADR - Air Handling Unit No. 1	88	63 Hz 125 Hz 250 Hz 500 Hz 1 kHz 2 kHz	77.6 78.8 83.5 85.6 84.9 79.4		1		Ventilation grille. PM check in place 26 weekly. Service contract in place with AHU specialist	No	Review suitability with RPS accoustics		

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				LAeq	Sound level Leq, dBA	Frequency Levels	LAeq @ 1m Or Corrected To 1m 9dB)				Y/N			
					4 kHz 8 kHz	72.0 62.1								
ADR wall medium level east facing	159	ADR AHU2	ADR - Air Handling Unit No. 2	82	63 Hz 125 Hz 250 Hz 500 Hz 1 kHz 2 kHz 4 kHz 8 kHz	76.8 77.4 80.5 79.9 77.0 74.7 68.4 59.1		1	н	Ventilation grille. PM check in place 26 weekly. Service contract in place with AHU specialist	No	Review suitability with RPS accoustics		
Internal low level	90	HRSBFF1	HRS - Bio Filter Fan No. 1	63	63 Hz 125 Hz 250 Hz 500 Hz 1 kHz 2 kHz 4 kHz 8 kHz	83.6 78.3 81.5 77.4 76.5 77.6 74.5 66.6		3	М	Operator Checks/Inspections.	No	To be potentially removed as part of renewal project	September 2023	
Potato House Roof	15	PP4	Potato House - Roof Exhaust Fan No. 1 (Powered)	76	63 Hz 125 Hz 250 Hz 500 Hz 1 kHz 2 kHz 4 kHz	75.8 77.7 78.6 73.6 71.4 66.1 59.1		1	М	No current abatement in place.	No	Review suitability with RPS accoustics		Unable to hear at nearest receptors
Potato House Roof	15	PP5	Potato House - Roof Exhaust Fan No. 2 (Powered)	76	8 kHz 63 Hz 125 Hz 250 Hz 500 Hz 1 kHz 2 kHz 4 kHz 8 kHz	75.8 77.7 78.6 73.6 71.4 66.1 59.1 48.8		1	М	No current abatement in place.	No	Review suitability with RPS accoustics		
Cutter deck , high level mezz	40	CD1	Cutter Deck - Powered Roof Exhaust Fan No. 1	75	63 Hz 125 Hz 250 Hz 500 Hz 1 kHz 2 kHz 4 kHz 8 kHz	75.6 75.5 75.5 72.4 70.0 67.6 61.4 51.1		1	М	Cowl/Silencer in place and cleaned monthly as part of the cleaning schedule.	No	Review suitability with RPS accoustics		
Cutter deck , high level mezz	42	CD3	Cutter Deck - Powered Roof Exhaust Fan No. 3	72	63 Hz 125 Hz 250 Hz 500 Hz 1 kHz 2 kHz 4 kHz 8 kHz	74.0 72.8 73.5 70.0 67.7 62.0 53.7 42.3		1	М	Cowl/Silencer in place and cleaned monthly as part of the cleaning schedule.	No	Review suitability with RPS accoustics		
Cutter deck , high level mezz	43	CD4	Cutter Deck - Powered Roof Exhaust Fan No. 4	75	63 Hz 125 Hz 250 Hz 500 Hz 1 kHz 2 kHz 4 kHz 8 kHz	76.5 74.5 75.7 76.5 69.6 61.8 53.8 43.3		1		Cowl/Silencer in place and cleaned monthly as part of the cleaning schedule.	No	Review suitability with RPS accoustics		
Cutter deck , high level mezz	44	CD5	Cutter Deck - Powered Roof Exhaust Fan No. 5	82	63 Hz 125 Hz 250 Hz 500 Hz 1 kHz 2 kHz 4 kHz 8 kHz	76.6 78.4 85.9 82.5 76.1 68.8 59.0		1	н	Cow/Silencer in place and cleaned monthly as part of the cleaning schedule.	No	Review suitability with RPS accoustics		
Cutter deck , high level mezz	45	CD6	Cutter Deck - Powered Roof Exhaust Fan No. 6	83	63 Hz 125 Hz 250 Hz 500 Hz 1 kHz 2 kHz 4 kHz 8 kHz	78.7 81.8 85.9 82.3 76.3 68.3 59.2 48.4		1	н	Cowl/Silencer in place and cleaned monthly as part of the cleaning schedule.	No	Review suitability with RPS accoustics		
ADR roof	16	AD3	ADR - Roof Exhaust Fan No. 1 (Powered)	73	63 Hz 125 Hz 250 Hz 500 Hz 1 kHz 2 kHz 4 kHz 8 kHz	74.9 75.5 74.5 68.8 68.1 64.3 59.3 50.9		2	М	Incorporated in the cleaning schedule.	No	Review suitability with RPS accoustics		
ADR roof	17	AD4	ADR - Roof Exhaust Fan No. 2 (Powered)	76	63 Hz 125 Hz 250 Hz 500 Hz 1 kHz 2 kHz	75.5 74.3 72.5 71.1 71.6 68.8		1	М	Incorporated in the cleaning schedule.	No	Review suitability with RPS accoustics		

Noise Management	Plan - Specific Noise	Sources												
Site Location	INR Source Reference	McCain Source Reference	Identify Sources Of Noise And/or Vibration				Future Readings Specific Noise Level From Source	Distance From Source To Sound Measuring Device In Meters	Contribution	What Abatement And Actions Are Taken To Prevent Or Minimise Emissions?	BAT (Best Avail. Tech.)	Further Actions To Be Taken	Due Date/ Who	Actions Discounted
				LAeq	Sound level Leq, dBA	Frequency Levels	LAeq @ 1m Or Corrected To 1m 9dB)				Y/N			
					4 kHz 8 kHz	63.4 57.9								
ADR roof	12	AD5	ADR - Roof Exhaust Fan No. 3 (Powered)	74	63 Hz 125 Hz 250 Hz 500 Hz 1 kHz 2 kHz 4 kHz 8 kHz	75.6 77.8 78.5 74.4 63.8 59.5 53.8 45.9		1		Incorporated in the cleaning schedule.	No	Review suitability with RPS accoustics		
ADR roof			ADR - Roof Exhaust Fan No. 4 (Powered)	Locked off	63 Hz 125 Hz 250 Hz 500 Hz 1 kHz 2 kHz 4 kHz 8 kHz	75.6 77.8 78.5 74.4 63.8 59.5 53.8 45.9		1		Incorporated in the cleaning schedule.	No	Review suitability with RPS accoustics		
Engine Room 1	Install Spec	R3 = E1	Roof mounted- Emergency extract fan	42			3		L	1520mm attenuator fitted	Yes			Unable to hear at nearest receptors
Engine Room 1	Install Spec	R4 = E2	Roof mounted- Emergency extract fan	42			3		L	1520mm attenuator fitted	Yes			Unable to hear at nearest receptors
Engine Room 1	Install Spec	Intake 2	Wall mounted intake fan (Internal)	73			3		М	Internal Fan located within ducting	No			Unable to hear at nearest receptors
Engine Room 1	Install Spec	Intake 1	Roof mounted intake fan	62			3		L	1520mm attenuator fitted	Yes			Unable to hear at nearest receptors Unable to hear at nearest receptors
Engine Room 1	Install Spec	R8 = F1	Roof Extraction Fan No.1	42			3		L	1520mm attenuator fitted	Yes			
Engine Room 1a	Install Spec	R1 = Intake 3	Roof mounted intake fan	42			3		L	1520mm attenuator fitted	Yes			Unable to hear at nearest receptors
Engine Room 1a	Install Spec	R2 = E 3	Roof mounted- Emergency extract fan	43			3		L	1520mm attenuator fitted	Yes			Unable to hear at nearest receptors Unable to hear at nearest receptors
Engine Room 1a	Install Spec	R6 = E4	Roof mounted- Emergency extract fan	42			3		L	1520mm attenuator fitted	Yes			
Engine Room 1a	Install Spec	R5 = Intake 4	Wall mounted intake fan	73			3		М	Internal Fan located within ducting	Yes			Unable to hear at nearest receptors
Engine Room 1a	Install Spec	R5 = F2	Roof Extraction Fan No.2	42			3		L	1520mm attenuator fitted	Yes			Unable to hear at nearest receptors
Eriks Stores	30	BRF1	Services -Roof Extractor Fan No.1	76			2		М	Mushroom Capped.	No			Unable to hear at nearest receptors
Eriks Stores	30	BRF2	Services -Roof Extractor Fan No.2	76			2	1	M	Mushroom Capped.	No			Unable to hear at nearest receptors
Eriks Stores	157	BRF3	Services - Roof Extractor Fan No.3	79			2	1	M	Mushroom Capped.	No			Unable to hear at nearest receptors
Eriks Stores			Services - Roof Extractor Fan No.4	79			2	1		Mushroom Capped.	No			Unable to hear at nearest receptors
Boiler House			Services - Boiler House - Roof Exhaust 3	Locked off				1		Mushroom Capped.	No			Unable to hear at nearest receptors
Boiler House			Services - Boiler House - Roof Exhaust 4	Locked off						Mushroom Capped.	No			
Bakes		P6	Bakes - Air Inlet Unit No. 1	75				Whir/Hiss/Rumbl		Annual burner and fan inspection by	No	Review suitability with RPS accoustics		
Danes		. 0	Sales Fair Inc. Office 10.	75				e - Area Dependant. Expectation when in use to be running 24 hrs, 7 days a week.	grille. No further abatement in place		, io			
Bakes		P7	Bakes - Air Inlet Unit No. 2	75				Whir/Hiss/Rumbl e - Area Dependant. Expectation when in use to be running 24 hrs, 7 days a week.	grille. No further abatement in place	Annual burner and fan inspection by specialist JBT	No	Review suitability with RPS accoustics		
Bakes		P8	Bakes - Air Inlet Unit No. 3	75				Whir/Hiss/Rumbl e - Area Dependant. Expectation when in use to be running 24 hrs, 7 days a week.	grille. No further abatement in place	Annual burner and fan inspection by specialist JBT	No	Review suitability with RPS accoustics		
Bakes		P9	Bakes - Air Inlet Unit No. 4	74				Whir/Hiss/Rumbl e - Area Dependant. Expectation when in use to be running 24 hrs, 7 days a week.	grille. No further abatement in place	Annual burner and fan inspection by specialist JBT	No	Review suitability with RPS accoustics		
Bakes		P10	Bakes - Air Inlet Unit No. 5	74				Whir/Hiss/Rumbl e - Area Dependant. Expectation when in use to be running 24 hrs, 7 days a week.	Ventilation grille. No further abatement in place	Annual burner and fan inspection by specialist JBT	No	Review suitability with RPS accoustics		
Bakes		P11	Bakes - Air Inlet Unit No. 6	68				Whir/Hiss/Rumbl e - Area Dependant. Expectation when in use to be running 24 hrs, 7 days a week.	grille. No further abatement in place	Annual burner and fan inspection by specialist JBT	No	Review suitability with RPS accoustics		
Bakes		P12	Bakes - Combustion Gas Flue No. 1	75				Operational low hum - Expectation to be running 24 hrs, 7 days a week.	abatement in	Annual burner and fan inspection by specialist JBT	No	Review suitability with RPS accoustics		

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				LAeq	Sound level Leq, dBA	Frequency Levels	LAeq @ 1m Or Corrected To 1m 9dB)				Y/N			
Bakes		P13	Bakes - Combustion Gas Flue No. 2	75				Operational low hum - Expectation to be running 24 hrs, 7 days a week.	abatement in	Annual burner and fan inspection by specialist JBT	No	Review suitability with RPS accoustics		
Bakes		P14	Bakes - Combustion Gas Flue No. 3	75				Operational low hum - Expectation to be running 24 hrs, 7 days a week.		Annual burner and fan inspection by specialist JBT	No	Review suitability with RPS accoustics		
Bakes		P15	Bakes - Combustion Gas Flue No. 4	74				Operational low hum - Expectation to be running 24 hrs, 7 days a week.		Annual burner and fan inspection by specialist JBT	No	Review suitability with RPS accoustics		
Bakes		P16	Bakes - Combustion Gas Flue No. 5	77				Operational low hum - Expectation to be running 24 hrs, 7 days a week.	No current abatement in place	Annual burner and fan inspection by specialist JBT	No	Review suitability with RPS accoustics		
Bakes		P17	Bakes - Combustion Gas Flue No. 6	68				Operational low hum - Expectation to be running 24 hrs, 7 days a week.	abatement in	Annual burner and fan inspection by specialist JBT	No	Review suitability with RPS accoustics		
Bakes		P18	Bakes - Roof Extraction Fan (Powered) No. 1	79				Whir - Expectation to be running 24 hrs, 7 days a week.	Cowling in place - prevention or rain water entry.			Review suitability with RPS accoustics		
Bakes		P19	Bakes - Roof Extraction Fan (Powered) No. 2	77				Whir - Expectation to be running 24 hrs, 7 days a week.	Cowling in place - prevention or rain water entry.		No	Review suitability with RPS accoustics		
Bakes		P20	Bakes - Roof Extraction Fan (Powered) No. 3	77				Whir - Expectation to be running 24 hrs, 7 days a week.	Cowling in place - prevention or rain water entry.		No	Review suitability with RPS accoustics		
Bakes		P21	Bakes - Roof Extraction Fan (Powered) No. 4	74				Whir - Expectation to be running 24 hrs, 7 days a week.	Cowling in place - prevention or rain water entry.		No	Review suitability with RPS accoustics		
Bakes		P22	Bakes - Roof Extraction Fan (Powered) No. 5	74				Whir - Expectation to be running 24 hrs, 7 days a week.	Cowling in place - prevention or rain water entry.		No	Review suitability with RPS accoustics		
Bakes		P23	Bakes - Roof Extraction Fan (Powered) No. 6	66				Whir - Expectation to be running 24 hrs, 7 days a week.	Cowling in place - prevention or rain water entry.		No	Review suitability with RPS accoustics		
Bakes		P24	Bakes - Roof Extraction Fan (Powered) No. 7	68				Whir - Expectation to be running 24 hrs, 7 days a week.	Cowling in place - prevention or rain water entry.			Review suitability with RPS accoustics		
Bakes		P30	Bakes - Roof Extraction Fan (Powered) No. 8	65				Whir - Expectation to be running 24 hrs, 7 days a week.				Review suitability with RPS accoustics		
Bakes		P5	Bakes - Odour Destructor	70				Whir/Rumble- Expectation to be running 24 hrs, 7 days a week.	place -	Annual burner and fan inspection by specialist JBT	No	Review suitability with RPS accoustics		