MONARCH METALS LTD, UNIT B, WESTWOOD IND. ESTATE, ARKWRIGHT STREET, OLDHAM, OL9 9LZ

Risk Assessment for Metal Recycling Facility

Table A - Assessment of Odour Risks

Hazard	Receptor	Pathway	Risk Management	Probability of Exposure	Consequence	What is the Overall Risk?
What has the potential to cause harm?	*What/who is at risk? What/who do I wish to protect?*	*How can the hazard get to the receptor?*	*What measures will completed to reduce the risk? If it occurs, who is responsible for what?*	*How likely is exposure? (Very Low / Low / Medium/ High / Very High)*	*What harm can be caused?*	*What is the risk that still remains based on exposure and consequence? (Very Low / Low / Medium/ High / Very High)*
Release of odour from accepted wastes	Human receptors detailed in Table 1	Air	Inspection of wastes before and during unloading on site when being segregated by grade. The onsite inspection areas are covered by 24/7 CCTV The Environmental Permit will not authorise malodorous waste Metals are not odorous waste streams In accordance with the Site Inspection Sheet, Monarch Metals Ltd record daily weather conditions in the Weather Record Chart, including wind direction	Low	Nuisance - odour annoyance will have more impact in summer when people are outdoors and temperatures are higher Loss of amenity	Very Low

MONARCH METALS LTD, UNIT B, WESTWOOD IND. ESTATE, ARKWRIGHT STREET, OLDHAM, OL9 9LZ

Risk Assessment for Metal Recycling Facility

Table A - Assessment of Odour Risks

Hazard	Receptor	Pathway	Risk Management	Probability of Exposure	Consequence	What is the Overall Risk?
What has the potential to cause harm?	*What/who is at risk? What/who do I wish to protect?*	*How can the hazard get to the receptor?*	*What measures will completed to reduce the risk? If it occurs, who is responsible for what?*	*How likely is exposure? (Very Low / Low / Medium/ High / Very High)*	*What harm can be caused?*	*What is the risk that still remains based on exposure and consequence? (Very Low / Low / Medium/ High / Very High)*
Release of odour from fuels or oil	Human receptors detailed in Table 1	Air	Fuels and oils are stored within double-skinned tanks or IBCs. Any associated pipework is stored on drain trays within the bund to prevent spillage. Fuels and oils are stored centrally on site to minimise access to the public The quantity of fuels and oils stored on site is limited by the capacity of the tanks and the integrity of tanks is inspected in accordance with the Working Plan. Staff are trained in using fuels and oils effectively, including refuelling. Monarch Metals Ltd staff are trained in the Spillage Procedure in the Accident Management Plan Odour Management Plan to be implemented in the unlikely event of odour becoming an issue. Filling, storage and dispatch of oils and fuel completed in accordance with EMS In accordance with the Site Inspection Sheet, Monarch Metals Ltd record daily weather conditions in the Weather Record Chart, including wind direction	Low	Nuisance - odour annoyance will have more impact in summer when people are outdoors and temperatures are higher Loss of amenity	Very Low

MONARCH METALS LTD, UNIT B, WESTWOOD IND. ESTATE, ARKWRIGHT STREET, OLDHAM, OL9 9LZ

Risk Assessment for Metal Recycling Facility

Table A - Assessment of Odour Risks

Hazard	Receptor	Pathway	Risk Management	Probability of Exposure	Consequence	What is the Overall Risk?
What has the potential to cause harm?	*What/who is at risk? What/who do I wish to protect?*	*How can the hazard get to the receptor?*	*What measures will completed to reduce the risk? If it occurs, who is responsible for what?*	*How likely is exposure? (Very Low / Low / Medium/ High / Very High)*	*What harm can be caused?*	*What is the risk that still remains based on exposure and consequence? (Very Low / Low / Medium/ High / Very High)*
Release of odour from treatment operations	Human receptors detailed in Table 1	Air	In accordance with the Site Inspection Sheet, Monarch Metals Ltd record daily weather conditions on the Weather Record Chart, including wind direction At all times, treatment operations will be conducted within the warehouse building on site in order to minimise impact on identified receptors, in accordance with relevant MML risk assessments Site operations are managed using risk assessments and safe working procedures which are reviewed every 3 years or after an incident. The safe working procedures are communicated to Monarch Metals Ltd staff Treatment operations will be undertaken by trained staff only and all equipment is subject to pre-use checks by competent MML staff as well as being maintained and serviced as per manufacturer guidelines. MML staff are trained in the Spillage Procedure in the Accident Management Plan Odour Management Plan to be implemented in the unlikely event of odour becoming an issue, and odour and fume assessments are completed daily by staff in accordance with the Site Inspection Sheet and Working Plan	Low	Nuisance - odour annoyance will have more impact in summer when people are outdoors and temperatures are higher Loss of amenity	Very Low

MONARCH METALS LTD, UNIT B, WESTWOOD IND. ESTATE, ARKWRIGHT STREET, OLDHAM, OL9 9LZ

Risk Assessment for Metal Recycling Facility

Table B - Assessment of Noise and Vibration Risks

Hazard	Receptor	Pathway	Risk Management	Probability of Exposure	Consequence	What is the Overall Risk?
What has the potential to cause harm?	*What/who is at risk? What/who do I wish to protect?*	*How can the hazard get to the receptor?*	*What measures will completed to reduce the risk? If it occurs, who is responsible for what?*	*How likely is exposure? (Very Low / Low / Medium/ High / Very High)*	*What harm can be caused?*	*What is the risk that still remains based on exposure and consequence? (Very Low / Low / Medium/ High / Very High)*
Noise and vibration created by mobile plant (cranes, FLTs)	Human receptors detailed in Table 1	Noise - through the air Vibration - through the ground	Only trained, competent staff operate mobile plant Strict adherence to operational times Mobile plant is maintained and serviced in line with manufacturer guidelines as well as LOLER and PUWER regulations Site operations are designed to minimise waste handling by mobile plant Mobile plant switched off when not in use. Noise and vibration assessments are completed daily by staff as part of daily pre-use checks Site operations are managed using risk assessments and safe working procedures which are reviewed every 3 years or after an incident. The safe working procedures are communicated to Monarch Metals Ltd staff Inspection of wastes before and during unloading on site when being segregated by grade minimises the probability of receiving unauthorised wastes which require mobile plant to relocate to the Quarantine Area. The onsite inspection areas are covered by 24/7 CCTV	Medium	Nuisance to local receptors Loss of amenity Disruption at weekend to human receptors as noise and vibration would have more impact when more people are at home Loss of sleep to human receptors as noise and vibration would have more impact at night Potential increased noise and vibration annoyance in summer when people are outdoors and have windows/door open	Low

MONARCH METALS LTD, UNIT B, WESTWOOD IND. ESTATE, ARKWRIGHT STREET, OLDHAM, OL9 9LZ

Risk Assessment for Metal Recycling Facility

Table B - Assessment of Noise and Vibration Risks

Hazard	Receptor	Pathway	Risk Management	Probability of Exposure	Consequence	What is the Overall Risk?
What has the potential to cause harm?	*What/who is at risk? What/who do I wish to protect?*	*How can the hazard get to the receptor?*	*What measures will completed to reduce the risk? If it occurs, who is responsible for what?*	*How likely is exposure? (Very Low / Low / Medium/ High / Very High)*	*What harm can be caused?*	*What is the risk that still remains based on exposure and consequence? (Very Low / Low / Medium/ High / Very High)*
			Mobile plant is used in accordance with the relevant Risk Assessment			
Noise and vibration created by other operational equipment (scale, baler, cropper, transport fleet)	Human receptors detailed in Table 1	Noise - through the air Vibration - through the ground	Strict adherence to operational times Only trained staff operate equipment Noise and vibration assessments are completed daily by staff as part of daily pre-use checks All equipment is maintained and serviced in line with manufacturer guidelines as well as in accordance with LOLER and PUWER where applicable Monarch Metals Ltd fleet is operated in accordance with the relevant Risk Assessment	Low	As above	Very Low

MONARCH METALS LTD, UNIT B, WESTWOOD IND. ESTATE, ARKWRIGHT STREET, OLDHAM, OL9 9LZ

Risk Assessment for Metal Recycling Facility

Table B - Assessment of Noise and Vibration Risks

Hazard	Receptor	Pathway	Risk Management	Probability of Exposure	Consequence	What is the Overall Risk?
What has the potential to cause harm?	*What/who is at risk? What/who do I wish to protect?*	*How can the hazard get to the receptor?*	*What measures will completed to reduce the risk? If it occurs, who is responsible for what?*	*How likely is exposure? (Very Low / Low / Medium/ High / Very High)*	*What harm can be caused?*	*What is the risk that still remains based on exposure and consequence? (Very Low / Low / Medium/ High / Very High)*
			Operational equipment is switched off when not in use Noise and vibration assessments are completed daily by staff in accordance with the Site Inspection Sheet Operational equipment is operated and situated within the warehouse building on site, which minimises noise and vibration impact on identified receptors Noise & Vibration Management Plan to be implemented if noise was identified as being a significant issue. Staff are trained in the risk assessments and safe working procedures for general site operations and use of equipment including baling and cropping. This minimises the generation of noise and vibration as well as its impact on receptors Site operations are managed using risk assessments and safe working procedures which are reviewed every 3 years or after an incident. The safe working procedures are communicated to Monarch Metals Ltd staff			

MONARCH METALS LTD, UNIT B, WESTWOOD IND. ESTATE, ARKWRIGHT STREET, OLDHAM, OL9 9LZ

Risk Assessment for Metal Recycling Facility

Table B - Assessment of Noise and Vibration Risks

Hazard	Receptor	Pathway	Risk Management	Probability of Exposure	Consequence	What is the Overall Risk?
What has the potential to cause harm?	*What/who is at risk? What/who do I wish to protect?*	*How can the hazard get to the receptor?*	*What measures will completed to reduce the risk? If it occurs, who is responsible for what?*	*How likely is exposure? (Very Low / Low / Medium/ High / Very High)*	*What harm can be caused?*	*What is the risk that still remains based on exposure and consequence? (Very Low / Low / Medium/ High / Very High)*
Noise and vibration created by handling/loading/unloading of metal wastes	Human receptors detailed in Table 2	Noise - through the air Vibration - through the ground	As Above Wastes are segregated by grade when unloaded which minimises handling Inspection of wastes before and during unloading on site when being segregated by grade minimises the probability of receiving unauthorised wastes which require mobile plant to relocate to the Quarantine Area. The onsite inspection areas are covered by 24/7 CCTV. Loading and unloading (using mobile plant and/or manually) operations are completed and managed by the relevant Risk Assessment Site operations are managed using risk assessments and safe working procedures which are reviewed every 3 years or after an incident. The safe working procedures are communicated to Monarch Metals Ltd staff	Low	Nuisance to local receptors Loss of amenity Disruption at weekend to human receptors as noise and vibration would have more impact when more people are at home Loss of sleep to human receptors as noise and vibration would have more impact at night Potential increased noise and vibration annoyance in summer when people are outdoors and have windows/door open	Very Low

MONARCH METALS LTD, UNIT B, WESTWOOD IND. ESTATE, ARKWRIGHT STREET, OLDHAM, OL9 9LZ

Risk Assessment for Metal Recycling Facility

Table C - Assessment of Fugitive Emission Risks

Hazard	Receptor	Pathway	Risk Management	Probability of Exposure	Consequence	What is the Overall Risk?
What has the potential to cause harm?	*What/who is at risk? What/who do I wish to protect?*	*How can the hazard get to the receptor?*	*What measures will completed to reduce the risk? If it occurs, who is responsible for what?*	*How likely is exposure? (Very Low / Low / Medium/ High / Very High)*	*What harm can be caused?*	*What is the risk that still remains based on exposure and consequence? (Very Low / Low / Medium/ High / Very High)*
Release of particulate matter (dust) from handling of waste, including use of the Cropper, Baler and Scales	Human receptors detailed in Table 1 Nature and Conservation Sites detailed in Table 2	Air	Inspection of wastes before and during unloading on site when being segregated by grade minimises the probability of receiving unauthorised, dusty wastes. The onsite inspection areas are covered by 24/7 CCTV Metal wastes authorised by the Environmental Permit are not dusty waste streams Site is designed to minimise waste handling, including the storage of non-ferrous metals within the warehouse building Metal wastes are stored on site for a maximum of 3 months in accordance with the Fire Prevention Plan Metals and associated wastes (i.e. batteries) are placed opposed to dragged or dropped. Any discovered unauthorised wastes are placed in the Quarantine Area and appropriate control measures are used to control dust distribution Impermeable concrete paving is dampened to minimise dust arising from waste handling All waste treatment and storage areas are on impermeable concrete paving within the sealed drainage system	Low	Respiratory irritation and illness	Very Low

MONARCH METALS LTD, UNIT B, WESTWOOD IND. ESTATE, ARKWRIGHT STREET, OLDHAM, OL9 9LZ

Risk Assessment for Metal Recycling Facility

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Hazard	Receptor	Pathway	Risk Management	Probability of Exposure	Consequence	What is the Overall Risk?
What has the potential to cause harm?	*What/who is at risk? What/who do I wish to protect?*	*How can the hazard get to the receptor?*	*What measures will completed to reduce the risk? If it occurs, who is responsible for what?*	*How likely is exposure? (Very Low / Low / Medium/ High / Very High)*	*What harm can be caused?*	*What is the risk that still remains based on exposure and consequence? (Very Low / Low / Medium/ High / Very High)*
			All mobile plant are subject to pre-use checks and maintenance/servicing in accordance with manufacturer guidelines. Where appropriate, plant is inspected in accordance with LOLER and PUWER. Dust and particulate emissions are inspected daily in accordance with the Site Inspection Form Deployment of hand-sweeping and dampening the site surface when required Mobile plant exhausts are inspected periodically throughout the day to minimise dust settling The integrity of the impermeable concrete paving and sealed drainage system is inspected in accordance with the Working Plan and Site Inspection Sheet. Any damage and any required repairs and/or remedial works are recorded on the relevant Site Inspection Sheet and are completed as soon as practically possible. Site equipment (i.e. cropper, baler) is used in accordance with the specific risk assessment.			

MONARCH METALS LTD, UNIT B, WESTWOOD IND. ESTATE, ARKWRIGHT STREET, OLDHAM, OL9 9LZ

Risk Assessment for Metal Recycling Facility

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What has the potential to cause harm?	*What/who is at risk? What/who do I wish to protect?*	*How can the hazard get to the receptor?*	*What measures will completed to reduce the risk? If it occurs, who is responsible for what?*	*How likely is exposure? (Very Low / Low / Medium/ High / Very High)*	*What harm can be caused?*	*What is the risk that still remains based on exposure and consequence? (Very Low / Low / Medium/ High / Very High)*
Release of particulate matter (dust) from stockpiling of wastes and residues.	Human receptors detailed in Table 1 Nature and Conservation Sites detailed in Table 2	Air	Metal wastes and associated wastes (i.e. batteries) are not dusty waste streams Metal wastes and associated wastes (i.e. batteries)are stored on site for the maximum duration specified in the Fire Prevention Plan Dust and particulate emissions are inspected daily in accordance with the Site Inspection Form Deployment of litter picking, hand-sweeping and dampening the site surface when required Overall good housekeeping followed in accordance with the EMS All waste treatment and storage areas are on impermeable concrete paving within the sealed drainage system	Medium	Respiratory irritation and illness	Very Low
			The integrity of the impermeable concrete paving and sealed drainage system is inspected in accordance with the Working Plan and Site Inspection Sheet. Any damage and any required repairs and/or remedial works are recorded on the relevant Site Inspection Sheet and are completed as soon as practically possible.			

MONARCH METALS LTD, UNIT B, WESTWOOD IND. ESTATE, ARKWRIGHT STREET, OLDHAM, OL9 9LZ

Risk Assessment for Metal Recycling Facility

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What has the potential to cause harm?	*What/who is at risk? What/who do I wish to protect?*	*How can the hazard get to the receptor?*	*What measures will completed to reduce the risk? If it occurs, who is responsible for what?*	*How likely is exposure? (Very Low / Low / Medium/ High / Very High)*	*What harm can be caused?*	*What is the risk that still remains based on exposure and consequence? (Very Low / Low / Medium/ High / Very High)*
Raising of particulate matter (dust) from site surface	Human receptors detailed in Table 1 Nature and Conservation Sites detailed in Table 2	Air	All waste treatment and storage areas are on impermeable concrete paving within the sealed drainage system The integrity of the impermeable concrete paving and sealed drainage system is inspected in accordance with the Working Plan and Site Inspection Sheet. Any damage and any required repairs and/or remedial works are recorded on the relevant Site Inspection Sheet and are completed as soon as practically possible. Inspection of wastes at the before and during unloading on site when being segregated by grade minimises the probability of receiving unauthorised, dusty wastes. The onsite inspection areas are covered by 24/7 CCTV Metals and associated wastes (i.e. batteries) are stored on site for the maximum duration specified in the Fire Prevention Plan Metals and associated wastes (i.e. batteries) are not dusty waste streams	Medium	Respiratory irritation and illness	Very Low

MONARCH METALS LTD, UNIT B, WESTWOOD IND. ESTATE, ARKWRIGHT STREET, OLDHAM, OL9 9LZ

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What has the potential to cause harm?	*What/who is at risk? What/who do I wish to protect?*	*How can the hazard get to the receptor?*	*What measures will completed to reduce the risk? If it occurs, who is responsible for what?*	*How likely is exposure? (Very Low / Low / Medium/ High / Very High)*	*What harm can be caused?*	*What is the risk that still remains based on exposure and consequence? (Very Low / Low / Medium/ High / Very High)*
			Deployment of hand-sweeping and dampening the site surface when required Dust and particulate emissions are inspected daily in accordance with the Site Inspection Form Effective housekeeping followed in accordance with EMS.			

MONARCH METALS LTD, UNIT B, WESTWOOD IND. ESTATE, ARKWRIGHT STREET, OLDHAM, OL9 9LZ

Risk Assessment for Metal Recycling Facility

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What has the potential to cause harm?	*What/who is at risk? What/who do I wish to protect?*	*How can the hazard get to the receptor?*	*What measures will completed to reduce the risk? If it occurs, who is responsible for what?*	*How likely is exposure? (Very Low / Low / Medium/ High / Very High)*	*What harm can be caused?*	*What is the risk that still remains based on exposure and consequence? (Very Low / Low / Medium/ High / Very High)*
Release of particulate matter (dust) from flame events	Human receptors detailed in Table 1 Nature and Conservation Sites detailed in Table 2	Air	Inspection of wastes before and during unloading on site when being segregated by grade minimises the probability of receiving unauthorised, dusty and combustible wastes. The onsite inspection areas are covered by 24/7 CCTV Metals and associated wastes (i.e. batteries) are not dusty waste streams All treatment and storage operations are completed on impermeable concrete paving within the sealed drainage system. The integrity of the impermeable concrete paving and sealed drainage system is inspected in accordance with the Working Plan and Site Inspection Sheet. Any damage and any required repairs and/or remedial works are recorded on the relevant Site Inspection Sheet and are completed as soon as practically possible. Staff are trained in the 'Site Fire Procedure' in Accident Management Plan and relevant procedures from the Fire Prevention Plan Fire Prevention Plan outlines how to minimise risk of flame events on site. Staff are trained in how to minimise the risk of fire in accordance with the Fire Prevention Plan Monarch Metals Ltd staff are trained in using fire extinguishers to suppress fires Site has designated fire wardens The site is a designated 'no smoking' area	Low to Medium	Respiratory irritation and illness	Low

MONARCH METALS LTD, UNIT B, WESTWOOD IND. ESTATE, ARKWRIGHT STREET, OLDHAM, OL9 9LZ

Risk Assessment for Metal Recycling Facility

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What has the potential to cause harm?	*What/who is at risk? What/who do I wish to protect?*	*How can the hazard get to the receptor?*	*What measures will completed to reduce the risk? If it occurs, who is responsible for what?*	*How likely is exposure? (Very Low / Low / Medium/ High / Very High)*	*What harm can be caused?*	*What is the risk that still remains based on exposure and consequence? (Very Low / Low / Medium/ High / Very High)*
Release of Volatile Organic Compounds (VOCs) from fuel and oil storage areas	Human receptors detailed in Table 1 Nature and Conservation Sites detailed in Table 2	Air	Fuel and oil storage tanks are located away from boundaries with human receptors which minimises potential for inhalation of VOCs All fuel and oil receptacles have lids and/or undercover The quantity of fuels and oils stored on site is limited by the capacity of the tanks/containers. All tanks/containers are double-skinned, labelled with their contents and, where necessary, is contained within bunds with any associated pipework also being contained within the bund. Where the tank/containers are not within a bund, nozzles of any associated pipework is placed over drains trays to prevent spillage. All fuel and oil storage tanks are stored centrally within the permitted area which minimises access to the public with security measures as well as impact on human and environmental receptors The integrity of the tanks is inspected in accordance with the Working Plan and Site Inspection Sheet Staff are trained in the 'Liquid Spillages Procedure' within the Accident Management Plan, including how to use spill kits effectively All liquid non-waste storage is on impermeable concrete paving within the sealed drainage system	Low	Respiratory irritation and illness	Very Low

MONARCH METALS LTD, UNIT B, WESTWOOD IND. ESTATE, ARKWRIGHT STREET, OLDHAM, OL9 9LZ

Risk Assessment for Metal Recycling Facility

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What has the potential to cause harm?	*What/who is at risk? What/who do I wish to protect?*	*How can the hazard get to the receptor?*	*What measures will completed to reduce the risk? If it occurs, who is responsible for what?*	*How likely is exposure? (Very Low / Low / Medium/ High / Very High)*	*What harm can be caused?*	*What is the risk that still remains based on exposure and consequence? (Very Low / Low / Medium/ High / Very High)*
			The integrity of the impermeable concrete paving and sealed drainage system is inspected in accordance with the Working Plan and Site Inspection Sheet. Any damage and any required repairs and/or remedial works are recorded on the relevant Site Inspection Sheet and are completed as soon as practically possible. Staff are trained in the use of fuel and oil effectively, including refuelling			

MONARCH METALS LTD, UNIT B, WESTWOOD IND. ESTATE, ARKWRIGHT STREET, OLDHAM, OL9 9LZ

Risk Assessment for Metal Recycling Facility

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What has the potential to cause harm?	*What/who is at risk? What/who do I wish to protect?*	*How can the hazard get to the receptor?*	*What measures will completed to reduce the risk? If it occurs, who is responsible for what?*	*How likely is exposure? (Very Low / Low / Medium/ High / Very High)*	*What harm can be caused?*	*What is the risk that still remains based on exposure and consequence? (Very Low / Low / Medium/ High / Very High)*
Contaminated site run-off or processing waters	Controlled water courses as detailed in Table 3	Direct run-off from site across ground surface or via drainage system	The Environmental Permit does not authorise the acceptance of liquid wastes. Inspection of wastes before and during unloading on site when being segregated by grade minimises the probability of receiving unauthorised, liquid and/or contaminating wastes. The onsite inspection areas are covered by 24/7 CCTV MML limits the quantity and storage time of all residues before dispatch in accordance with the FPP and the quantity of fuels and oils stored on site is limited by the capacity of the tanks. All tanks/containers are placed on impermeable concrete surface with sealed drainage system, double-skinned, labelled with their contents and, where necessary, contained within bunds together with any associated pipework. Where the tank/containers are not within a bund, nozzles of any associated pipework is placed over drains trays to prevent spillage. All fuel and oil storage tanks are stored centrally within the permitted area which minimises access to the public with security measures as well as impact on human and environmental receptors. The integrity of the tanks, impermeable concrete paving and sealed drainage system is inspected in accordance with the Working Plan and Site Inspection Sheet. Any damage and any required repairs and/or remedial works are recorded on the relevant Site Inspection Sheet and are completed asap.	Low	Acute effects: oxygen depletion, fish kills and algal blooms	Very Low

MONARCH METALS LTD, UNIT B, WESTWOOD IND. ESTATE, ARKWRIGHT STREET, OLDHAM, OL9 9LZ

Risk Assessment for Metal Recycling Facility

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What has the potential to cause harm?	*What/who is at risk? What/who do I wish to protect?*	*How can the hazard get to the receptor?*	*What measures will completed to reduce the risk? If it occurs, who is responsible for what?*	*How likely is exposure? (Very Low / Low / Medium/ High / Very High)*	*What harm can be caused?*	*What is the risk that still remains based on exposure and consequence? (Very Low / Low / Medium/ High / Very High)*
			Fuels, oils and lubricants are stored within the permitted operational area which is protected by site security			
Contaminated site run-off or processing waters	Groundwater	As above	As above. The site sits a Secondary A aquifer	Low	Chronic effects:pollution of groundwater requiring treatment of water or closure of boreholes	Very Low

MONARCH METALS LTD, UNIT B, WESTWOOD IND. ESTATE, ARKWRIGHT STREET, OLDHAM, OL9 9LZ

Risk Assessment for Metal Recycling Facility

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What has the potential to cause harm?	*What/who is at risk? What/who do I wish to protect?*	*How can the hazard get to the receptor?*	*What measures will completed to reduce the risk? If it occurs, who is responsible for what?*	*How likely is exposure? (Very Low / Low / Medium/ High / Very High)*	*What harm can be caused?*	*What is the risk that still remains based on exposure and consequence? (Very Low / Low / Medium/ High / Very High)*
Litter	Human receptors detailed in Table 1 Nature and Conservation Sites detailed in Table 2	Air transport and deposition	Metals and associated wastes (i.e. batteries) are not usually associated with the generation of litter. Inspection of wastes before and during unloading on site when being segregated by grade minimises the probability of receiving litter. The onsite inspection areas are covered by 24/7 CCTV Daily litter inspection in accordance with the Site Inspection Form Deployment of litter picking and hand-sweeping when required Perimeter fencing to prevent any litter being blown off site The integrity of the perimeter fencing is inspected daily in accordance with the Working Plan and Site Inspection Sheet Provision of waste receptacles for litter, including that generated from the Weighbridge Office	Low	Nuisance Loss of amenity Harm to human or animal health	Very Low

MONARCH METALS LTD, UNIT B, WESTWOOD IND. ESTATE, ARKWRIGHT STREET, OLDHAM, OL9 9LZ

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What has the potential to cause harm?	*What/who is at risk? What/who do I wish to protect?*	*How can the hazard get to the receptor?*	*What measures will completed to reduce the risk? If it occurs, who is responsible for what?*	*How likely is exposure? (Very Low / Low / Medium/ High / Very High)*	*What harm can be caused?*	*What is the risk that still remains based on exposure and consequence? (Very Low / Low / Medium/ High / Very High)*
Mud and debris	Human receptors detailed in Table 1	Vehicles entering and leaving the site	Impermeable concrete paving across waste storage and treatment areas reduce the mud available for distribution The integrity of the impermeable concrete paving and sealed drainage system is inspected in accordance with the Working Plan and Site Inspection Sheet. Any damage and any required repairs and/or remedial works are recorded on the relevant Site Inspection Sheet and are completed as soon as practically possible. Metal wastes are not waste streams likely to generate mud and/or debris Daily mud and debris inspection by Monarch Metals staff in accordance with Site Inspection Sheet Deployment of litter picking and hand-sweeping when required Effective housekeeping maintained in accordance with EMS Perimeter fencing to prevent any debris being blown off site The integrity of the perimeter fencing is inspected daily in accordance with the Working Plan and Site Inspection Sheet	Low	Nuisance Loss of amenity Road traffic accidents	Very Low

MONARCH METALS LTD, UNIT B, WESTWOOD IND. ESTATE, ARKWRIGHT STREET, OLDHAM, OL9 9LZ

Risk Assessment for Metal Recycling Facility

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What has the potential to cause harm?	*What/who is at risk? What/who do I wish to protect?*	*How can the hazard get to the receptor?*	*What measures will completed to reduce the risk? If it occurs, who is responsible for what?*	*How likely is exposure? (Very Low / Low / Medium/ High / Very High)*	*What harm can be caused?*	*What is the risk that still remains based on exposure and consequence? (Very Low / Low / Medium/ High / Very High)*
Pests (vermin, flies etc)	Human receptors detailed in Table 1	Air transport and over land	Inspection of wastes before and during unloading on site when being segregated by grade minimises the probability of receiving unauthorised wastes which are likely to attract pests and vermin. The onsite inspection areas are covered by 24/7 CCTV Metal wastes are not readily biodegradable and unlikely to attract vermin or flies Weekly pest checks in accordance with the Site Inspection Form	Low	Harm to human health from waste carried off sites and faeces Nuisance Loss of amenity	Very Low
Scavenging animals and/or birds	Human receptors detailed in Table 1	Air transport and over land	Inspection of wastes before and during unloading on site when being segregated by grade minimises the probability of receiving unauthorised wastes likely to attract scavenging animals and/or birds. The onsite inspection areas are covered by 24/7 CCTV Metals are waste streams unlikely to attract scavenging animals and/or birds Weekly staff checks in accordance with the Site Inspection Sheet Implementation of a Pest Management Plan in the unlikely event of this being identified as an issue.	Low	Harm to human health from waste carried off sites and faeces Nuisance Loss of amenity	Very Low

MONARCH METALS LTD, UNIT B, WESTWOOD IND. ESTATE, ARKWRIGHT STREET, OLDHAM, OL9 9LZ

Risk Assessment for Metal Recycling Facility

Table D - Assessment of Accident Risks

Hazard	Receptor	Pathway	Risk Management	Probability of Exposure	Consequence	What is the Overall Risk?
What has the potential to cause harm?	*What/who is at risk? What/who do I wish to protect?*	*How can the hazard get to the receptor?*	*What measures will completed to reduce the risk? If it occurs, who is responsible for what?*	*How likely is exposure? (Very Low / Low / Medium/ High / Very High)*	*What harm can be caused?*	*What is the risk that still remains based on exposure and consequence? (Very Low / Low / Medium/ High / Very High)*
Flame event within the Main Operational Building causing the release of polluting materials to air (smoke, dust and fumes), water or land.	Human receptors detailed in Table 1 Nature and Conservation Sites detailed in Table 2	Air transport of smoke and dust and/or shock waves.	Inspection of wastes before and during unloading on site when being segregated by grade minimises the probability of receiving unauthorised wastes which may cause fires. On site inspection areas covered by 24/7 CCTV. Site operations are managed using risk assessments and safe working procedures which are reviewed every 3 years or after an incident. The safe working procedures are communicated to Monarch Metals Ltd staff Burning operations are not completed on site as they are not authorised by the Permit Staff are trained in fire and spillage procedures and location and use of fire extinguishers in the Accident Management Plan as well as procedures in the Fire Prevention Plan (FPP) Treatment equipment is only used by competent Monarch Metals Ltd staff Treatment equipment (i.e. scales and cropper) is subject to pre-use checks and maintenance/service in accordance with manufacturer guidelines. Site has trained, designated fire wardens and the site is a designated 'no smoking' area.	Medium	Respiratory irritation Illness and nuisance to local population Injury to staff or fire fighters Pollution of water and/or land	Low

MONARCH METALS LTD, UNIT B, WESTWOOD IND. ESTATE, ARKWRIGHT STREET, OLDHAM, OL9 9LZ

Risk Assessment for Metal Recycling Facility

Table D - Assessment of Accident Risks

Hazard	Receptor	Pathway	Risk Management	Probability of Exposure	Consequence	What is the Overall Risk?
What has the potential to cause harm?	*What/who is at risk? What/who do I wish to protect?*	*How can the hazard get to the receptor?*	*What measures will completed to reduce the risk? If it occurs, who is responsible for what?*	*How likely is exposure? (Very Low / Low / Medium/ High / Very High)*	*What harm can be caused?*	*What is the risk that still remains based on exposure and consequence? (Very Low / Low / Medium/ High / Very High)*
			The sealed drainage system is inspected weekly in accordance with the Working Plan and Site Inspection Sheet. Any damage and any required repairs and/or remedial works are recorded on the relevant Site Inspection Sheet and completed as soon as practically possible. The Main Operational Building is located centrally on site to minimise environmental risk to identified receptors			
Flame event within the battery storage container causing the release of polluting materials to air (smoke, dust and fumes), water or land.			Batteries are sorted, segregated and stored away from all other waste streams. Batteries are stored undercover to prevent the ingress of water Batteries are stored upright in pallet boxes which prevents short-circuiting Batteries (quantities and duration) are stored in accordance with the Fire Prevention Plan Batteries are stored on impermeable concrete paving within the sealed drainage sytsem. The integrity of the impermeable concrete paving and sealed			

MONARCH METALS LTD, UNIT B, WESTWOOD IND. ESTATE, ARKWRIGHT STREET, OLDHAM, OL9 9LZ

Risk Assessment for Metal Recycling Facility

Table D - Assessment of Accident Risks

Hazard	Receptor	Pathway	Risk Management	Probability of Exposure	Consequence	What is the Overall Risk?
What has the potential to cause harm?	*What/who is at risk? What/who do I wish to protect?*	*How can the hazard get to the receptor?*	*What measures will completed to reduce the risk? If it occurs, who is responsible for what?*	*How likely is exposure? (Very Low / Low / Medium/ High / Very High)*	*What harm can be caused?*	*What is the risk that still remains based on exposure and consequence? (Very Low / Low / Medium/ High / Very High)*
Fire: Ignition of waste materials causing the release of smoke.	Human receptors detailed in Table 1 Nature and Conservation Sites detailed in Table 2	Air transport of smoke.	As above. Waste (quantities and duration) are stored in accordance with the Fire Prevention Plan Effective housekeeping in accordance with the Working Plan	Low	Respiratory irritation Illness and nuisance to local population Injury to staff or fire fighters	Very Low
Fire causing contaminated surface water or fire fighting water	Controlled Water Courses detailed in Table 3.	Direct run-off of fire fighting waters from site across ground surface, or via drainage system	As Above Impermeable concrete paving within a sealed drainage system provided for treatment and storage areas The integrity of the impermeable concrete paving and sealed drainage system is inspected in accordance with the Working Plan and Site Inspection Sheet. Any damage and any required repairs and/or remedial works are recorded on the relevant Site Inspection Sheet and are completed as soon as practically possible. Monarch Metals Limited staff are trained in the relevant procedures in the Accident Management Plan and Fire Prevention Plan	Low	Acute effects: oxygen depletion, fish kills and algal blooms.	Very Low

MONARCH METALS LTD, UNIT B, WESTWOOD IND. ESTATE, ARKWRIGHT STREET, OLDHAM, OL9 9LZ

Risk Assessment for Metal Recycling Facility

Table D - Assessment of Accident Risks

Hazard	Receptor	Pathway	Risk Management	Probability of Exposure	Consequence	What is the Overall Risk?
What has the potential to cause harm?	*What/who is at risk? What/who do I wish to protect?*	*How can the hazard get to the receptor?*	*What measures will completed to reduce the risk? If it occurs, who is responsible for what?*	*How likely is exposure? (Very Low / Low / Medium/ High / Very High)*	*What harm can be caused?*	*What is the risk that still remains based on exposure and consequence? (Very Low / Low / Medium/ High / Very High)*
Arson and/or vandalism causing the release of polluting materials to air (smoke and fumes)	Human Receptors detailed in Table 1 Nature and Conservation Sites detailed in Table 2 Injury to staff, vandals or fire fighters	Air transport of smoke.	As Above Vast security measures due to high value of waste, including: perimeter metal fencing, lockable front gates (locked during non-operational hours) and 24/7 monitored CCTV which can be monitored remotely by Site Management and third-party security monitoring company during non-operational hours The integrity of site security is completed in accordance with the Working Plan and Site Inspection Sheet. All flammable non-waste liquids are stored within the operational area which is guarded by the aforementioned security measures . The integrity of tanks is inspected in accordance with the Working Plan and Site Inspection Sheet. Any damage and any required repairs and/or remedial works are recorded on the relevant Site Inspection Sheet and completed as soon as practically possible. Staff are trained in the 'Site Fires Procedure' in Accident Management Plan and procedures in the Fire Prevention Plan	Low	Respiratory irritation Illness and nuisance to local population Injury to staff or fire fighters	Very Low

MONARCH METALS LTD, UNIT B, WESTWOOD IND. ESTATE, ARKWRIGHT STREET, OLDHAM, OL9 9LZ

Risk Assessment for Metal Recycling Facility

Table D - Assessment of Accident Risks

Hazard	Receptor	Pathway	Risk Management	Probability of Exposure	Consequence	What is the Overall Risk?
What has the potential to cause harm?	*What/who is at risk? What/who do I wish to protect?*	*How can the hazard get to the receptor?*	*What measures will completed to reduce the risk? If it occurs, who is responsible for what?*	*How likely is exposure? (Very Low / Low / Medium/ High / Very High)*	*What harm can be caused?*	*What is the risk that still remains based on exposure and consequence? (Very Low / Low / Medium/ High / Very High)*
Arson and/or vandalism causing contaminated surface water or fire fighting waters	Controlled Water Courses detailed in Table 3.	Direct run-off of fire fighting waters from site across ground surface, or via drainage system	As above. All waste storage and treatment areas are on impermeable concrete paving with a sealed drainage system The integrity of the impermeable concrete paving and sealed drainage system is inspected in accordance with the Working Plan and Site Inspection Sheet. Any damage and any required repairs and/or remedial works are recorded on the relevant Site Inspection Sheet and completed as soon as practically possible.	Low	Acute effects: oxygen depletion, fish kills and algal blooms	Very Low
Arson and/or vandalism causing contaminated surface water or fire fighting waters	Groundwater	As above	As above. The site sits a Secondary A Aquifer	Low	Chronic effects:pollution of groundwater requiring treatment of water or closure of boreholes	Very Low

MONARCH METALS LTD, UNIT B, WESTWOOD IND. ESTATE, ARKWRIGHT STREET, OLDHAM, OL9 9LZ

Risk Assessment for Metal Recycling Facility

Table D - Assessment of Accident Risks

Hazard	Receptor	Pathway	Risk Management	Probability of Exposure	Consequence	What is the Overall Risk?
What has the potential to cause harm?	*What/who is at risk? What/who do I wish to protect?*	*How can the hazard get to the receptor?*	*What measures will completed to reduce the risk? If it occurs, who is responsible for what?*	*How likely is exposure? (Very Low / Low / Medium/ High / Very High)*	*What harm can be caused?*	*What is the risk that still remains based on exposure and consequence? (Very Low / Low / Medium/ High / Very High)*
On-site hazards: wastes, machinery and vehicles	Injury to unauthorised persons	Direct physical contact.	Vast security measures due to high value of waste, including: perimeter metal fencing, lockable front gates (locked during non-operational hours) and 24/7 monitored CCTV which can be monitored remotely by Site Management and third-party security monitoring company during non-operational hours Appropriate training (e.g. H&S) is delivered to staff and refresher training is given when required. Site inductions for contractors and visitors outlined the on-site hazards On-site hazards are identified in new starter induction Staff, contractors and visitors wear appropriate PPE for the hazards	Medium	Bodily injury or death	Low

MONARCH METALS LTD, UNIT B, WESTWOOD IND. ESTATE, ARKWRIGHT STREET, OLDHAM, OL9 9LZ

Risk Assessment for Metal Recycling Facility

Table D - Assessment of Accident Risks

Hazard	Receptor	Pathway	Risk Management	Probability of Exposure	Consequence	What is the Overall Risk?
What has the potential to cause harm?	*What/who is at risk? What/who do I wish to protect?*	*How can the hazard get to the receptor?*	*What measures will completed to reduce the risk? If it occurs, who is responsible for what?*	*How likely is exposure? (Very Low / Low / Medium/ High / Very High)*	*What harm can be caused?*	*What is the risk that still remains based on exposure and consequence? (Very Low / Low / Medium/ High / Very High)*
Spillages or leaks of fuel or oil from storage tanks or plant	Controlled Water Courses detailed in Table 3.	Direct run-off from site across ground surface, or via drainage system	All fuel and oils are stored in tanks on impermeable concrete paving with a sealed drainage system All tanks/IBCs are double-skinned, labelled with their contents and, where necessary, contained within bunds with any associated pipework also being contained within the bund. Where the tank/IBCs are not within a bund, nozzles of any associated pipework is placed over drains trays to prevent spillage. All fuel and oil storage tanks are stored centrally within the permitted area which minimises access to the public with security measures as well as impact on human and environmental receptors Staff are trained in using fuel and oil effectively, including refuelling, and the Liquid Spillage Procedure in the Accident Management Plan The integrity of the tanks and impermeable concrete paving and sealed drainage system is inspected in accordance with the Working Plan and Site Inspection Sheet. Any damage and any required repairs and/or remedial works are recorded on the relevant Site Inspection Sheet and completed as soon as practically possible.	Very Low	Acute effects: oxygen depletion, fish kills and algal blooms	Low

MONARCH METALS LTD, UNIT B, WESTWOOD IND. ESTATE, ARKWRIGHT STREET, OLDHAM, OL9 9LZ

Risk Assessment for Metal Recycling Facility

Table D - Assessment of Accident Risks

Hazard	Receptor	Pathway	Risk Management	Probability of Exposure	Consequence	What is the Overall Risk?
What has the potential to cause harm?	*What/who is at risk? What/who do I wish to protect?*	*How can the hazard get to the receptor?*	*What measures will completed to reduce the risk? If it occurs, who is responsible for what?*	*How likely is exposure? (Very Low / Low / Medium/ High / Very High)*	*What harm can be caused?*	*What is the risk that still remains based on exposure and consequence? (Very Low / Low / Medium/ High / Very High)*
			All mobile plant and equipment are subject to pre-use checks and maintenance as well as being serviced in accordance with manufacturer guidelines. Applicable mobile plant is subject to LOLER and PUWER regulatory inspections. Any leaking mobile plant, equipment and tanks are not used until required works are completed to ensure its integrity. All mobile plant and equipment is stored on impermeable concrete paving within the sealed drainage system The quantity of fuels and oils stored on site is limited by the capacity of the tanks.			
Spillages or leaks of fuel or oil from storage tanks or plant	Groundwater	As above	As above. The site sits a Secondary A Aquifer	Low	Chronic effects:pollution of groundwater requiring treatment of water or closure of boreholes	Very Low

MONARCH METALS LTD, UNIT B, WESTWOOD IND. ESTATE, ARKWRIGHT STREET, OLDHAM, OL9 9LZ

Risk Assessment for Metal Recycling Facility

Table D - Assessment of Accident Risks

Hazard	Receptor	Pathway	Risk Management	Probability of Exposure	Consequence	What is the Overall Risk?
What has the potential to cause harm?	*What/who is at risk? What/who do I wish to protect?*	*How can the hazard get to the receptor?*	*What measures will completed to reduce the risk? If it occurs, who is responsible for what?*	*How likely is exposure? (Very Low / Low / Medium/ High / Very High)*	*What harm can be caused?*	*What is the risk that still remains based on exposure and consequence? (Very Low / Low / Medium/ High / Very High)*
Contaminated wastes, fuels or oils transported by flood	Human receptors detailed in Table 1 Nature and Conservation Sites detailed in Table 2	Flood waters	Inspection of wastes before and during unloading on site when being segregated by grade minimises the probability of receiving unauthorised wastes which may be contaminated. The onsite inspection areas are covered by 24/7 CCTV Fuel and oils only stored in tanks on impermeable concrete paving within the sealed drainage system The integrity of the impermeable concrete paving and sealed drainage system is inspected in accordance with the Working Plan and Site Inspection Sheet. Any damage and any required repairs and/or remedial works are recorded on the relevant Site Inspection Sheet and are completed as soon as practically possible. All tanks/IBCs are double-skinned, labelled with their contents and, where necessary, is contained within bunds with any associated pipework also being contained within the bund. Where the tank/IBCs are not within a bund, nozzles of any associated pipework is placed over drains trays to prevent spillage. All fuel and oil storage tanks are stored centrally within the permitted area which minimises access to the public with security measures as well as impact on human and environmental receptors The integrity of the storage tanks is inspected in accordance with the Working Plan and Site Inspection Sheet	Low	Contamination of buildings, gardens and natural habitats downstream	Very Low

MONARCH METALS LTD, UNIT B, WESTWOOD IND. ESTATE, ARKWRIGHT STREET, OLDHAM, OL9 9LZ

Risk Assessment for Metal Recycling Facility

Table D - Assessment of Accident Risks

Hazard	Receptor	Pathway	Risk Management	Probability of Exposure	Consequence	What is the Overall Risk?
What has the potential to cause harm?	*What/who is at risk? What/who do I wish to protect?*	*How can the hazard get to the receptor?*	*What measures will completed to reduce the risk? If it occurs, who is responsible for what?*	*How likely is exposure? (Very Low / Low / Medium/ High / Very High)*	*What harm can be caused?*	*What is the risk that still remains based on exposure and consequence? (Very Low / Low / Medium/ High / Very High)*
			Site has a low probability of flooding The quantity of fuels and oils stored on site is limited by the capacity of the tanks.			

MONARCH METALS LTD, UNIT B, WESTWOOD IND. ESTATE, ARKWRIGHT STREET, OLDHAM, OL9 9LZ

Risk Assessment for Metal Recycling Facility

Table E - Assessment of Particulate Emissions to Air from Point Sources

NB - Monarch Metals Ltd does not have any air emissions from point source emissions

MONARCH METALS LTD, UNIT B, WESTWOOD IND. ESTATE, ARKWRIGHT STREET, OLDHAM, OL9 9LZ

Risk Assessment for Metal and ELV Recycling Facility

Table F - Assessment of Emissions to Controlled Waters from Point Sources

NB - Monarch Metals Ltd does not have any emissions to controlled waters from point source emissions

MONARCH METALS LTD, UNIT B, WESTWOOD IND. ESTATE, ARKWRIGHT STREET, OLDHAM, OL9 9LZ

Table 1: Sensitive Human Receptors (within 1km of Permit boundary)

SECTOR 1 (NE)			SECTOR 2 (SE)		SECTOR 3 (SW)		SECTOR 4 (NW)	
Receptor Type	**Map Ref.**	NE	**Map Ref.**	SE	**Map Ref.**	SW	**Map Ref.**	NW
Residential		Residential properties on Queens Road		Residential properties on Napier Street West		Residential properties on Kent Avenue		Residential properties on Moon Street
		Residential properties on Hunt Lane		Residential properties on Seldon Street		Residential properties on Sussex Close		Residential properties on Mars Street
		Residential properties on George Street		Residential properties on Newport Street		Residential properties on Denton Lane		Residential properties on Stirling Street
		Residential properties on Buckley Street		Residential properties on Napier Street East		Residential properties on Fields New Road		Residential properties on Ashley Street
		Residential properties on Hunt Lane		Residential properties on Coppice Street		Residential properties on Robinson Street		Residential properties on Osborne Street
		Residential properties on Hamilton Street		Residential properties on West Street		Residential properties on Rochester Walk		Residential properties on Quebec Street
		Residential properties on Taylor Street		Residential properties on Vale Drive		Residential properties on Ashford Walk		Residential properties on Megna Close
		Residential properties on Melbourne Avenue		Residential properties on Fletcher Close		Residential properties on Glenby Way		Residential properties on Washington Street
		Residential properties on Ramsdale Street		Residential properties on Bankside Close		Residential properties on Sandgate Road		Residential properties on Gresham Drive
		Residential properties on Dalton Avenue		Residential properties on Wye Street		Residential properties on Petworth Road		Residential properties on Westwood Drive
		Residential properties on Apfel Lane		Residential properties on Penn Street		Residential properties on Seaford Walk		Residential properties on Prospect Road
		Residential properties on Dairy Street		Residential properties on Malton Street		Residential properties on Rainham Way		Residential properties on Harold Street
		Residential properties on Kempsey Court		Residential properties on Union Street West		Residential properties on Walsh Street		Residential properties on Plato Street
		Residential properties on Melbourne Street		Residential properties on Shield Close		Residential properties on Gorton Street		Residential properties on Widdop Street
		Residential properties on Middleton Road		Residential properties on Ross Street		Residential properties on Robinson Street		Residential properties on Colwyn Street
		Residential properties on Burnley Street		Residential properties on St Thomas Street North		Residential properties on Bredbury Street		Residential properties on Hurs Street
		Residential properties on Butterworth Street		Residential properties on Werneth Hall Road		Residential properties on Ripon Close		Residential properties on Neath Street
		Residential properties on Andrew Street		Residential properties on Windsor Road		Residential properties on Ilkley Close		Residential properties on Westbourne Street
		Residential properties on Cypress Avenue				Residential properties on Otley Close		Residential properties on Mallow Close
		Residential properties on Lignum Avenue				Residential properties on Whitstable Close		Residential properties on Charlock Road
		Residential properties on Milne Street				Residential properties on Berne Close		Residential properties on Barton Street
		Residential properties on Frederick Street				Residential properties on Lucerne Close		Residential properties on Sherwood Street
		Residential properties on Brook Street				Residential properties on Madeley Drive		Residential properties on Davies Street
		Residential properties on Cedar Crescent				Residential properties on Agnes Street		Residential properties on Ward Street
		Residential properties on Holly Grove				Residential properties on Jane Street		Residential properties on Dunbar Street
		Residential properties on Palm Grove				Residential properties on Bernice Avenue		Residential properties on Mitchell Street
		Residential properties on Fir Grove				Residential properties on Ridings Way		Residential properties on West End Street
		Residential properties on Eustace Street				Residential properties on Block Lane		Residential properties on Belmont Street
		Residential properties on Victoria Street				Residential properties on Huntingdon Avenue		Residential properties on Medina Grove
		Residential properties on Stanley Street				Residential properties on Wiltshire Road		Residential properties on Grange Street
		Residential properties on Old School Avenue				Residential properties on Hampshire Road		Residential properties on Highfield Street
		Residential properties on Bamford Street				Residential properties on Lincoln Street		
		Residential properties on Westfield Street				Residential properties on Sidmouth Street		
		Residential properties on Garforth Street				Residential properties on Hereford Street		
		Residential properties on Brierly Street				Residential properties on Worceseter Street		
		Residential properties on Denmark Street				Residential properties on Tamworth Street		
		Residential properties on Belmont Way				Residential properties on Radnor Street		
		Residential properties on Denmark Way				Residential properties on Gloucester Street North		
		Residential properties on Brierly Walk				Residential properties on Rutland Street		
		Residential properties on Chancery St				Residential properties on Bath Street		
		Residential properties on Chancery Walk				Residential properties on Carlisle Street		
		Residential properties on Busk Road				Residential properties on Berkshire Place		
		Residential properties on Manor Close				Residential properties on St Johns Street		
		Residential properties on Briarmere Walk				Residential properties on Porter Street		
		Residential properties on Ascot Close				Residential properties on Dover Street		
		Residential properties on Kempton Way				Residential properties on Castleton Street		
		Residential properties on Hexham Close				Residential properties on Hathersage Street		
		Residential properties on Granville Close				Residential properties on Harry Street		
		Residential properties on Ringwood Way				Residential properties on Alfred Street		
		Residential properties on Neville Street				Residential properties on Olivers Court		
		Residential properties on Moon Street						
		Residential properties on Daintry Road						
Commerical & Public		Manchester Fencing Centre (themanchesterfencingcentre.co.uk / 07875689358)		We Fit Any Furniture (wefitanyfurniture.com / 01619741570)		Calco Flooring (calcoflooring.co.uk / 01616330130)		Kwik Fit Chadderton (01616528311)
		Oldham Snooker Academy (01616246786)		Gemini Framework Solutions (gemini-fs.co.uk / 01616266366)		Stockfield Mill (01616241124)		Rawsome Pets (rawsomepets.co.uk / 01616249383)
		Kick Sonic (kicksonic.co.uk / 07902157173)		Wilds of Oldham (01616261990)		Dale Bathrooms (dalebathrooms.com / 01616333427)		Farmfoods (01217007160)
		ALDI (stores.aldi.co.uk / 08000420800)		Arkwight Street Household Waste and Recycling Centre (recycleforgreatermanchester.com / 07881384650)		TPS Manchester North (01614704780)		Home Bargains (01616289069)

MONARCH METALS LTD, UNIT B, WESTWOOD IND. ESTATE, ARKWRIGHT STREET, OLDHAM, OL9 9LZ

Table 1: Sensitive Human Receptors (within 1km of Permit boundary)

		B&M Home Store (0330 838 9479)		Chadderton Fencing Services & Gates (chaddertonfencing.co.uk / 01612701228)		Sign UK Ltd (sign-uk.com / 01616282828)		Asda (01614841000)
		Rotonair (rotonair.com / 01616205107)		Make up by Zeenat (07715336230)		Wheelbase Alloys (wheelbasealloys.com / 08001303400)		Chadderton Wellbeing Centre (oclactive.co.uk / 01612077000)
		The Millenium Centre (obamcc.co.uk / 01616223812)		Prospect House		Chadderton Tyres (chaddertontyres.co.uk / 01616522335)		Armacell (01612877000)
		Banoful (01616280600)		Car hub specialist (carhubspecialist.co.uk / 07538044433)		Yelloway Coaches (yelloway.co.uk / 01612872233)		Blackwatch Fire and Security (07464662174)
		The Grand Venue Banqueting Hall (grandvenues.co.uk / 01616275500)		OMC Ford Oldham (omcmotorgroup.co.uk / 01612874141)		Lewbuild Fence Products (lewbuildfence.co.uk / 01616332301)		UP Global Sourcing (upgs.com / 01616271400)
		Tesco (03456779522)		swim! Oldham (swim.co.uk)		DP Firth Transport (dpfirthtransport.co.uk / 01616247434)		No1Brands4You (no1brands4you.co.uk / 01619342268)
		Oldham Madani Academy (oldhammadaniacademy.org.uk / 01922724149)		247Hotel (247hotel.com / 01616209875)		Blackstone Breakers and Auto (blackstonebreakers.com / 01612191917)		Time Repairs (time-repairs.com / 01617637094)
		St John First Aid Ambulance Training Centre (sja.org.uk / 03447704800)		Wickes Oldham (wickes.co.uk / 01619042700)		Diodes Zetex (diodes.com / 01616224444)		Mucky Makeovers Dog Grooming (07761796055)
		Channings Childcare (channingschildcare.co.uk / 01614786868)		Heating Spares (heatingspares.co.uk / 01616206677)		Fourways MOT Centre (fourwaysmotcentre.co.uk / 01615112490)		Fish World Aquarium Shop (01616652831)
		Streetwise Auto Parts & Accessories (01616333881)		Usman Beds and Carpets (usmanbedsandcarpets.co.uk / 01616271465)		Lansdowne Motors (landsdownemotors.co.uk / 01616527226)		Jungle J's Play and Party Centre (01616333747)
		Noorani Masjid & Quran School		H&B Logistics (hbl-logistics.com / 01613359009)		Tissue Direct (01616247064)		Springfield Service Station (01616248755)
		STS Oldham (stsoldham.co.uk / 01616275742)		Locos Customs (locoscustoms.com / 01612327556)		Premier Flue (premierflue.co.uk / 01616782998)		Burnley Brow Community School (burnleybrow.com / 01617703137)
		JWN Tyres (07866098899)		Fast Fit Autos (egarageapp.com / 01616338442)		Klash Clothing (klashclothing.com / 01616241892)		Warriors Boxing academy (07788754574)
		Banana Motors (01616782092)		St Patricks RC Primary School (st-patricks.oldham.shu.uk / 01616330527)		Compass Learning Centre (07866817007)		Nicola Clare Hair & Beauty (01613941912)
		Northmoor Academy (morthmoor.theharmonytrust.org / 01612600482)		Mecca Bingo (01616267224)		Northern Industrial Plastics (01616249479)		Wigget Construction (wigget.co.uk / 01616263010)
		Oldham College (oldham.ac.uk / 08000327288)		Oldham Leisure Centre (oclactive.co.uk / 01612077000)		Boomer Industries (boomer.co.uk / 02892662881)		Foxtam Controls (foxtamcontrols.co.uk / 01616265316)
		Star Fashion UK		Jamal Jewellers (01616261804)		Freehold Community Academy		POINT (point-send.co.uk / 01615031547)
		St Hilda's C of E Primary School (sthildasceprimary.co.uk / 01616243592)		Star Motors (0161/6283201)				Wrigley Partington (01616220222)
		Oldham Mazda (holdcroft.com / 01613183021)		Print Serve PS Pro (01616330282)				
		Oldham Hyundai (dealer.hyundai.co.uk / 01613183017)		Panda Pre-School (07928149269)				
		Oldham Nissan (westway.co.uk / 01614783037)		DEMAA (demaa.co.uk / 07866952066)				
		Oldham Futsal Arena (01617855599)		Printright Oldham (printrightonline.com / 01616780285)				
		Salon 7 (salon7.oldham.ac.uk / 01617855455)		IPS Converters (ipsconverters.com / 01616261844)				
		Westbourne Motors (01616200731)		Saltys Garage (saltysgarage.co.uk / 01616528083)				
		A1 Ortos (a1ortos.co.uk / 01616528409)		Elegant Events Management				
		Westwood Academy (westwood.theharmonytrust.org.uk / 01616274257)		Eurocell Oldham Building (eurocell.co.uk / 03332341095)				
		MediVet Oldham Chadderton (medivetgroup.com / 01616335050)						
		Oldham Audi (jardinemotors.co.uk / 01616277104)						
		Pro Polish Oldham (07873173819)						
		Azura Home (01616265599)						

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Risk Assessment for Metal Recycling Facility

Identification of Receptors

Table 2 - Nature and Heritage Conservation Sites

Name	*Type*	*Proximity*	*Source*
Rochdale Canal	Sites of Special Scientific Interest (SSSI)	Within 10km	MAGIC - DEFRA Mapping Site (Original Source: Natural England)
Lowside Brickworks	Sites of Special Scientific Interest (SSSI)	Within 10km	MAGIC - DEFRA Mapping Site (Original Source: Natural England)
Standedge Road Cutting	Sites of Special Scientific Interest (SSSI)	Within 10km	MAGIC - DEFRA Mapping Site (Original Source: Natural England)
South Pennine Moors	Sites of Special Scientific Interest (SSSI)	Within 10km	MAGIC - DEFRA Mapping Site (Original Source: Natural England)
Lee Quarry	Sites of Special Scientific Interest (SSSI)	Within 10km	MAGIC - DEFRA Mapping Site (Original Source: Natural England)
Rochdale Canal	Special Areas of Conservation (SAC)	Within 10km	MAGIC - DEFRA Mapping Site (Original Source: Natural England)
South Pennine Moors	Special Areas of Conservation (SAC)	Within 10km	MAGIC - DEFRA Mapping Site (Original Source: Natural England)
South Pennine Moors Phase 2	Special Protection Area (SPA)	Within 10km	MAGIC - DEFRA Mapping Site (Original Source: Natural England)
Peak District	National Park	Within 10km	MAGIC - DEFRA Mapping Site (Original Source: Natural England)
Gorpley Gough	Local Nature Reserve	Within 10km	MAGIC - DEFRA Mapping Site (Original Source: Natural England)
Healey Dell	Local Nature Reserve	Within 10km	MAGIC - DEFRA Mapping Site (Original Source: Natural England)
Hopwood Woodlands	Local Nature Reserve	Within 10km	MAGIC - DEFRA Mapping Site (Original Source: Natural England)
Alkrington Woods	Local Nature Reserve	Within 10km	MAGIC - DEFRA Mapping Site (Original Source: Natural England)
Glodwick Lows	Local Nature Reserve	Within 10km	MAGIC - DEFRA Mapping Site (Original Source: Natural England)

Table 3 - Controlled Waters

Name	*Type*	*Proximity*	*Source*
River Beal	River	Within 10km	MAGIC - DEFRA Mapping Site (Original Source: Natural England)
Cleghall Fisheries	Lakes	Within 10km	MAGIC - DEFRA Mapping Site (Original Source: Natural England)
Hollnigworth Lake	Lake	Within 10km	MAGIC - DEFRA Mapping Site (Original Source: Natural England)
Greenbooth Reservior	Reservoir	Within 10km	MAGIC - DEFRA Mapping Site (Original Source: Natural England)
Naden Lower Reservior	Reservoir	Within 10km	MAGIC - DEFRA Mapping Site (Original Source: Natural England)
Naden Middle Reservior	Reservoir	Within 10km	MAGIC - DEFRA Mapping Site (Original Source: Natural England)
Naden Higher Reservior	Reservoir	Within 10km	MAGIC - DEFRA Mapping Site (Original Source: Natural England)
Lee Quarry Lake	Lake	Within 10km	MAGIC - DEFRA Mapping Site (Original Source: Natural England)
Spring Mill Reservior	Reservoir	Within 10km	MAGIC - DEFRA Mapping Site (Original Source: Natural England)
Brown House Wham Reservior	Reservoir	Within 10km	MAGIC - DEFRA Mapping Site (Original Source: Natural England)
Watergroove Reservior	Reservoir	Within 10km	MAGIC - DEFRA Mapping Site (Original Source: Natural England)
Cowm Reservior	Reservoir	Within 10km	MAGIC - DEFRA Mapping Site (Original Source: Natural England)
Gorpley Reservior	Reservoir	Within 10km	MAGIC - DEFRA Mapping Site (Original Source: Natural England)
Ramsden Clough Reservior	Reservoir	Within 10km	MAGIC - DEFRA Mapping Site (Original Source: Natural England)
Warland Reservior	Reservoir	Within 10km	MAGIC - DEFRA Mapping Site (Original Source: Natural England)

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Risk Assessment for Metal Recycling Facility

Identification of Receptors

Light Hazzles Reservior	Reservoir	Within 10km	MAGIC - DEFRA Mapping Site (Original Source: Natural England)
White Holme Reservior	Reservoir	Within 10km	MAGIC - DEFRA Mapping Site (Original Source: Natural England)
Baitings Reservior	Reservoir	Within 10km	MAGIC - DEFRA Mapping Site (Original Source: Natural England)
Lower Chelburn Reservior	Reservoir	Within 10km	MAGIC - DEFRA Mapping Site (Original Source: Natural England)
Higher Chelburn Reservior	Reservoir	Within 10km	MAGIC - DEFRA Mapping Site (Original Source: Natural England)
Blackstone Edge Reservoir	Reservoir	Within 10km	MAGIC - DEFRA Mapping Site (Original Source: Natural England)
Green Withens Reservoir	Reservoir	Within 10km	MAGIC - DEFRA Mapping Site (Original Source: Natural England)
March Haigh Reservior	Reservoir	Within 10km	MAGIC - DEFRA Mapping Site (Original Source: Natural England)
Readycon Dean Reservior	Reservoir	Within 10km	MAGIC - DEFRA Mapping Site (Original Source: Natural England)
Dowry Reservior	Reservoir	Within 10km	MAGIC - DEFRA Mapping Site (Original Source: Natural England)
Crook Gate Reservior	Reservoir	Within 10km	MAGIC - DEFRA Mapping Site (Original Source: Natural England)
Rooden Reservior	Reservoir	Within 10km	MAGIC - DEFRA Mapping Site (Original Source: Natural England)
Hanging Less Reservior	Reservoir	Within 10km	MAGIC - DEFRA Mapping Site (Original Source: Natural England)
Norman Hill Reservior	Reservoir	Within 10km	MAGIC - DEFRA Mapping Site (Original Source: Natural England)
Piethorne Reservior	Reservoir	Within 10km	MAGIC - DEFRA Mapping Site (Original Source: Natural England)
Kitcliffe Reservior	Reservoir	Within 10km	MAGIC - DEFRA Mapping Site (Original Source: Natural England)
Ogden Reservior	Reservoir	Within 10km	MAGIC - DEFRA Mapping Site (Original Source: Natural England)
Castleshaw Upper Reservior	Reservoir	Within 10km	MAGIC - DEFRA Mapping Site (Original Source: Natural England)
Castleshaw Lower Reservior	Reservoir	Within 10km	MAGIC - DEFRA Mapping Site (Original Source: Natural England)
Mill Pond	Pond	Within 10km	MAGIC - DEFRA Mapping Site (Original Source: Natural England)
Brushes Clough Reservior	Reservoir	Within 10km	MAGIC - DEFRA Mapping Site (Original Source: Natural England)
Besom Hill Reservior	Reservoir	Within 10km	MAGIC - DEFRA Mapping Site (Original Source: Natural England)
Boating Lake	Lake	Within 10km	MAGIC - DEFRA Mapping Site (Original Source: Natural England)