



City of Omaha Industrial Best Management Practices Sector N - Scrap Recycling Facilities

SIC Codes: 5093



Scrap and Waste Recycling Facilities

- ♣ Frequently inspect and clean processing equipment and storage areas
- ♣ Immediately clean up spills using appropriate methods
- ♣ Cover and contain storage areas and process equipment
- ♣ Enforce recyclable material acceptance policies

Inbound Material Control

- ♣ Establish for rejecting or inspecting materials.
- ♣ Create a program for inspecting, handling, storing and disposing of lead-acid batteries, hazardous wastes, and other non-hazardous residual fluids.
- ♣ Procedures should describe handling of cracked and broken batteries and disposal of leaking battery acid.
- ♣ Give guidelines for properly handling industrial turnings and cuttings to prevent cutting oils and metallic fines from coming in contact with runoff.
- ♣ Encourage suppliers of scrap, waste and other salvageable materials to drain residual fluids and reduce the volume of semi-solid and liquid residues in aluminum and plastic containers prior to bringing the material to the facility.



Facility Operations

- ♣ Drain and collect liquids in a designated area.
- ♣ Put a cover over and secondary containment around all liquid waste transfer facilities.
- ♣ Conduct processing operations indoors or place process equipment under cover and prevent runoff from coming in contact with the equipment.
- ♣ Stabilize high traffic areas around the equipment.
- ♣ Prohibit illicit discharges and illegal dumping to floor drains that are connected to the storm drain system.

Material Storage

- ♣ Store all materials and waste indoors or in covered areas with curbing, berms or other containment measures.
- ♣ Surfaces of secondary containment areas should be adequately sealed to prevent leaks.
- ♣ Store the equivalent of one day's average volume of lightweight recyclable materials indoors.
- ♣ Separate all scrap batteries from other scrap materials and segregate hazardous and flammable wastes to comply with National Fire Protection Association (NFPA) guidelines.
- ♣ Store materials in appropriate containers near the point of use or production of the materials (i.e. shredded materials and fluff).
- ♣ Make sure that all storage containers and drums are in good condition and meet NFPA guidelines.
- ♣ Clearly label all containers and include necessary warnings and special handling instructions.
- ♣ In the storage areas, put individual containers on pallets.
- ♣ Limit the stack height of individual containers/drums and put straps or plastic wrap around the drums to provide stability.
- ♣ Provide adequate clearance to allow material movement and access by material handling equipment.

OUTDOOR VEHICLE, EQUIPMENT AND PARTS STORAGE

- ♣ Confine storage of parts, equipment and vehicles to designated areas.
- ♣ Cover all storage areas with a permanent cover (e.g. roofs) or temporary cover (e.g. canvas tarps).
- ♣ Install curbing, berms or dikes around storage areas.
- ♣ Inspect the storage yard for problems regularly.



City of Omaha

Industrial Best Management Practices

Sector N - Scrap Recycling Facilities



Spills and Facility Clean-up

- Establish spill prevention and response procedures and use dry methods to clean up spills.
- Keep an adequate supply of dry clean up materials readily accessible.
- Schedule frequent cleaning of accumulated fluids and particulate residue around all scrap processing equipment, storage containers and high traffic areas.
- Regularly sweep all traffic and storage areas to minimize particulate and residual materials buildup.
- Prohibit washing down of material storage and tipping floor areas, unless approval is granted by the wastewater treatment plant to discharge wash waters to the sanitary sewer.

TRAINING

- All employees shall be trained yearly in the following areas and on BMPs in the SWMP
- Proper washing procedures.
- Proper disposal practices for all materials.
- Procedures for storage and inspection items.
- Proper filling and transfer procedures.
- Spill response
- Good housekeeping
- Material management practices
- Procedures for equipment and container washing.

INSPECTIONS

- Conduct an inspection of the facility at least quarterly.
- Inspect all equipment containing oily parts, hydraulic fluids, or any other type of fluids, for signs of corrosion, spills, or worn parts.
- Conduct periodic nondestructive testing (NDT) of all bulk storage tanks for signs of deteriorating structural integrity.
- Immediately repair any problems.
- Conduct routine preventative maintenance
- Review BMPs after each inspection and modify them and the SWPPP or SWMP as needed.

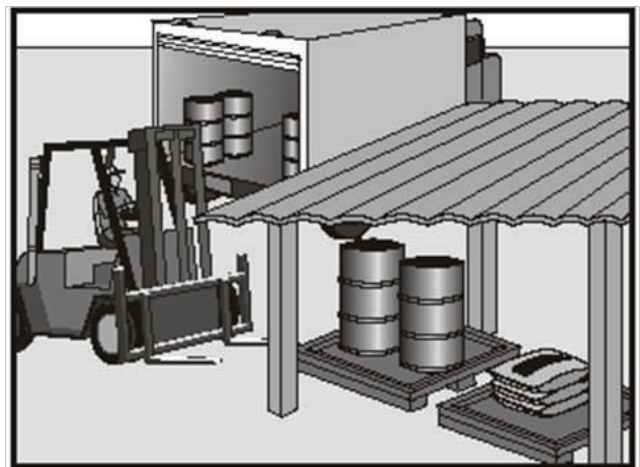


STORM WATER POLLUTION PREVENTION PLAN (SWPPP) OR STORM WATER MANAGEMENT PLAN (SWMP)

- Develop and implement a SWPPP or SWMP.
- All regulated facilities must submit a Notice of Intent (NOI) to NDEQ.

If spills occur:

- Stop the source of the spill immediately.
- Contain the liquid until cleanup is complete.
- Deploy oil containment booms if the spill may reach the street or waterways.
- Cover the spill with absorbent material.
- Keep the area well ventilated.
- Dispose of clean-up materials properly.
- Do not use an emulsifier or dispersant.



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