



MAGNUM CONSTRUCTION SERVICES INC.

WASTE MANAGEMENT & RECYCLING PROGRAM (WMRP)

Document Code: MCS-EN-P03 | **Revision:** 1.0 | **Effective Date:** November 1, 2025

1. PURPOSE

To establish a systematic approach for handling, segregating, recycling, and disposing of construction and demolition (C&D) waste in compliance with environmental regulations and sustainability objectives.

This plan minimizes landfill impact and promotes material recovery across **concrete, masonry, and light-gauge steel framing** operations.

2. SCOPE

Applies to all Magnum projects involving:

- Excavation, concrete pouring, blockwork, framing, finishing, or demolition
 - Temporary site offices and worker camps
 - Subcontractor waste generation
 - Material packaging and pallet disposal
-

3. REFERENCES

- **ISO 14001:2015** — Environmental Management Systems
 - **EPA Resource Conservation and Recovery Act (RCRA)**
 - **FDOT Specification 104/107 – Environmental Protection**
 - **LEED v4 MR Credit 2: Construction Waste Management**
 - **Magnum Environmental Management Plan (MCS-EN-P01)**
-



4. OBJECTIVES & TARGETS

Objective	Target 2025–2026	Measurement Method
Divert C&D waste from landfill	≥ 75 % diversion rate	Weigh-bridge tickets & vendor logs
Reduce packaging waste	10 % reduction	Vendor audit data
Promote steel & block recycling	100 % of scrap recycled	Recycling receipts
Eliminate unauthorized dumping	0 violations	Monthly site inspections

5. RESPONSIBILITIES

Role	Responsibility
Project Manager	Implements WMRP and ensures vendor compliance.
Environmental Coordinator	Maintains waste registers and recycling data.
HSE Manager	Verifies segregation, labels, and contractor compliance.
Subcontractors	Segregate and remove waste per WMRP requirements.
Site Foremen	Monitor bins and log disposal tickets.

6. WASTE CLASSIFICATION

1. **Inert Waste:** concrete, masonry block, brick, tiles → recyclable aggregate.
2. **Metals:** rebar, steel studs → scrap vendor.
3. **Timber & Formwork:** re-use where possible, recycle offcuts.
4. **Packaging:** pallets, plastic wrap, cardboard → segregated bins.
5. **Hazardous Waste:** paint, oils, solvents → licensed disposal facility.

7. SITE MANAGEMENT MEASURES

- Color-coded bins and signage in designated waste zones.
 - Covered storage for dust control and stormwater protection.
 - Daily housekeeping and weekly environmental inspections.
 - Tracking via the **MCS-EN-F03 Waste & Recycling Summary Sheet**.
 - Waste contractors must provide licenses and disposal receipts.
-

8. RECORDS AND REPORTING

Record Type	Form Code	Frequency	Custodian
Waste Transfer Tickets	MCS-EN-F03	Per Load	Document Controller
Monthly Waste Summary	MCS-EN-F03	Monthly	Environmental Coordinator
Recycling Receipts	MCS-EN-F03	Ongoing	Environmental Coordinator
Vendor License Verification	MCS-EN-F03	Annual	Procurement Dept

All records retained ≥ 5 years and linked to EMP audits.

9. TRAINING & AWARENESS

- Induction for all personnel on segregation procedures.
 - Toolbox talks monthly on housekeeping and waste minimization.
 - Recycling performance posted on site noticeboards.
-

10. AUDIT & PERFORMANCE REVIEW

- Monthly review of waste volumes and diversion rates.



- Non-compliance → NCR and Corrective Action Form (MCS-QM-F09).
- Annual corporate review of diversion targets and vendor performance.

11. APPROVALS

Reviewer	Department	Signature / Date	Comments
Project Manager	Operations		
HSE Manager	Safety & Environment		
Environmental Coordinator	EHS Dept		
Executive Director	Corporate		
Client / Consultant	External		