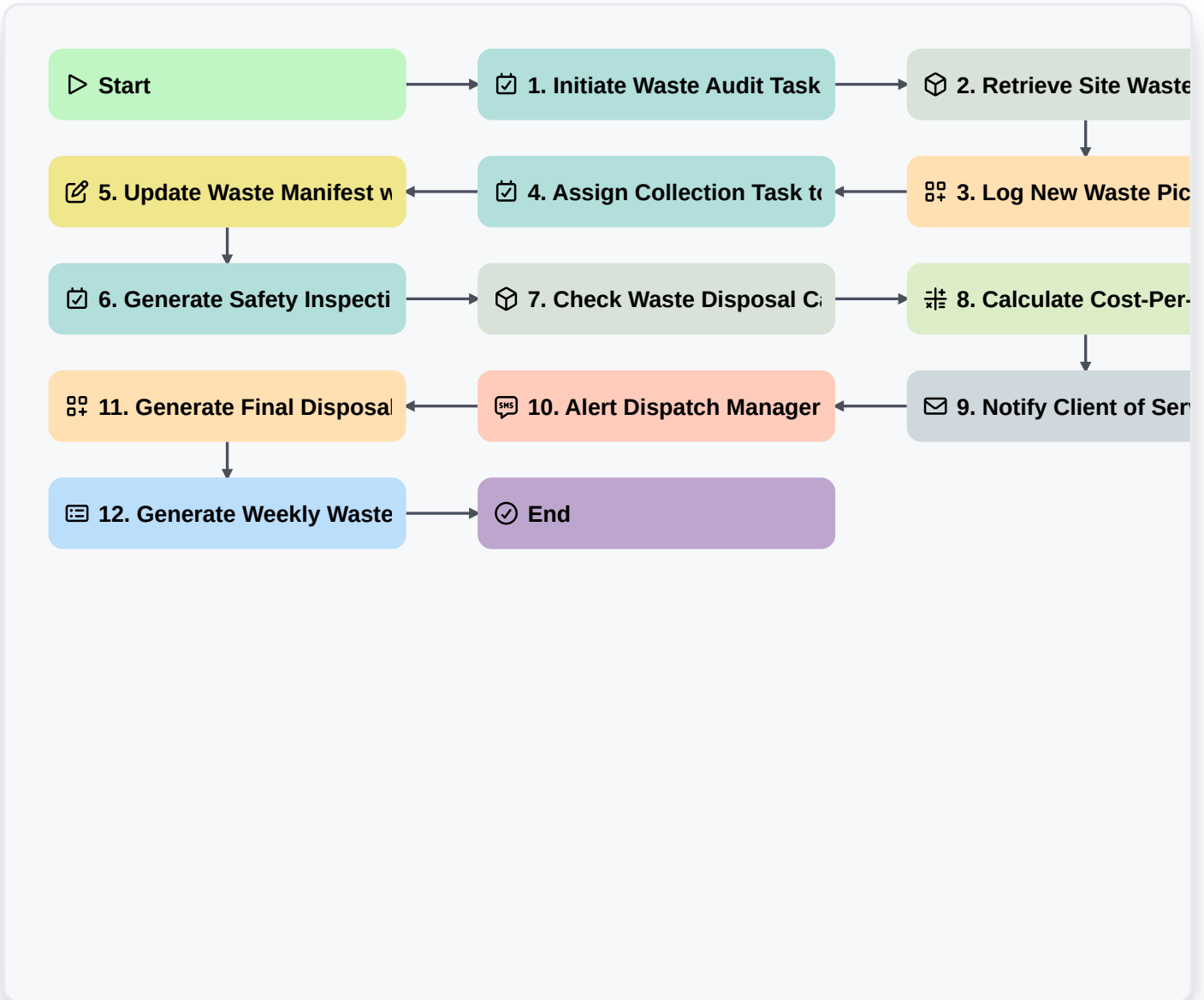


Waste Management Lifecycle Workflow: End-To-End Process Automation For Industry Leaders



▷ **Start**

Start of the Workflow/Process.

 **1. Initiate Waste Audit Task**

Creates a task for initial waste stream assessment and location identification.

 **2. Retrieve Site Waste Profile Data**

Gathers existing waste generation data (e.g., tonnage, material types) from the site's database.

 **3. Log New Waste Pickup Request**

Records the details of a new waste collection job, including date, location, and material type.

 **4. Assign Collection Task to Crew Member**

Automatically assigns the pickup task to the responsible field team member.

 **5. Update Waste Manifest with Actual Tonnage**

Updates the initial waste manifest with the actual collected weight/volume data.

✔ **6. Generate Safety Inspection Checklist Task**

Creates a mandatory task for safety checks before waste transfer or disposal.

📦 **7. Check Waste Disposal Capacity Limits**

Queries the database to ensure the destination facility has capacity for the collected waste type.

⚖️ **8. Calculate Cost-Per-Tonne Metric**

Calculates the operational cost based on volume, distance, and material type weights.

✉️ **9. Notify Client of Service Completion**

Sends a confirmation email to the client with the service report and data summary.

📱 **10. Alert Dispatch Manager of Emergency**

Sends an SMS alert to management for unexpected roadblocks or hazardous material discovery.

📄 **11. Generate Final Disposal Certificate Entry**

Creates the immutable record certifying proper disposal, required for compliance.

📊 **12. Generate Weekly Waste Diversion Report**

Compiles performance metrics (recycled vs. landfilled) into a summary report.

✔ **End**

Start of the Workflow/Process.