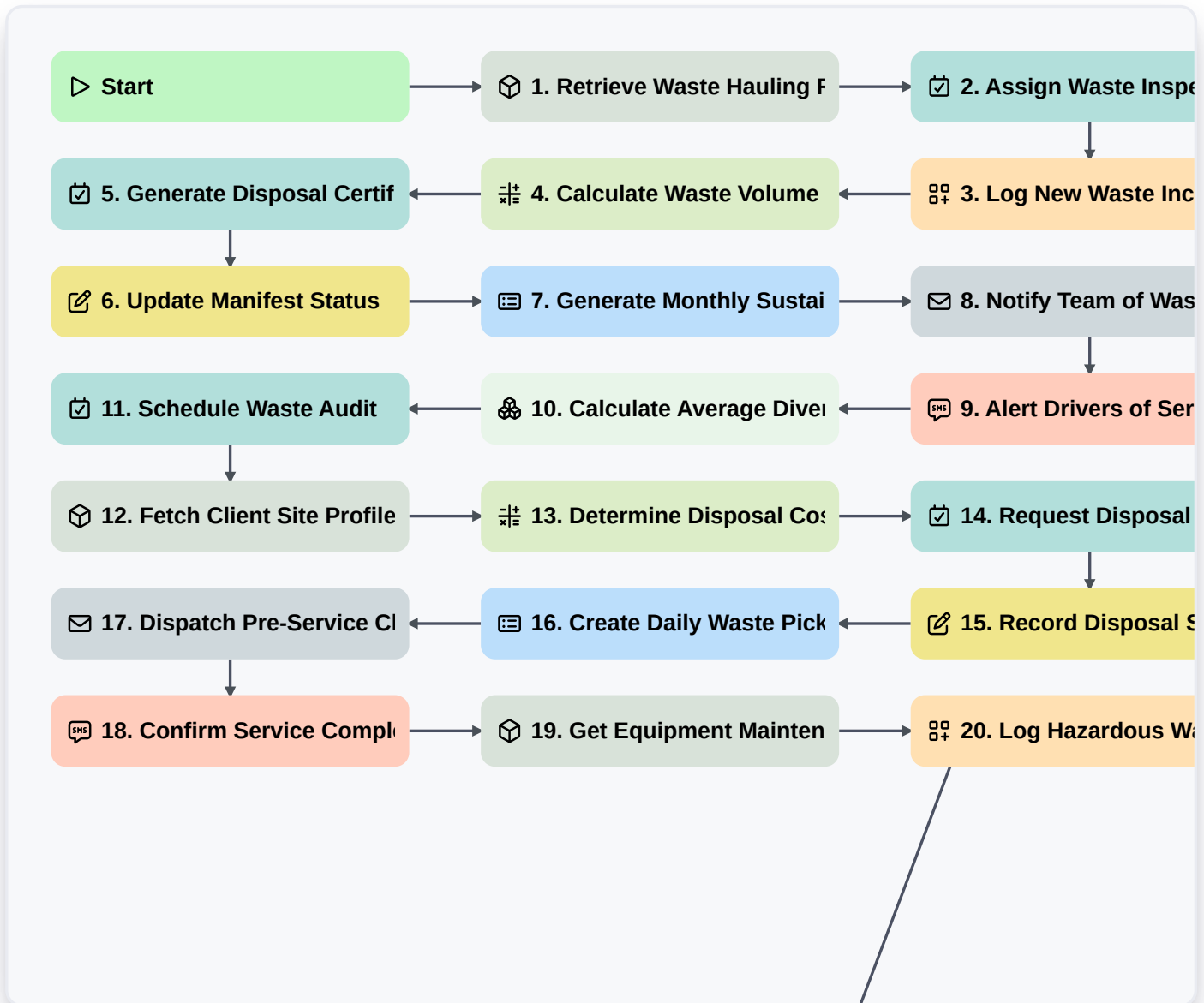


Optimizing Waste Management Processes: Workflow Guide For Sustainable Waste Solutions



▷ Start

Start of the Workflow/Process.

📦 1. Retrieve Waste Hauling Records

Get all recent waste collection records from the primary database.

✅ 2. Assign Waste Inspection Task

Create a follow-up task for site supervisors to conduct physical waste inspection.

📋 3. Log New Waste Incident

Record details of any unexpected waste issues or spillages encountered.

📊 4. Calculate Waste Volume Metrics

Aggregate collected weight/volume data to calculate total waste tonnage per route.

5. Generate Disposal Certificate Request

Create a task for the administrative team to generate necessary disposal documentation.

6. Update Manifest Status

Update the status of the waste manifest (e.g., 'Scheduled' to 'Completed').

7. Generate Monthly Sustainability Report

Compile and create a comprehensive report summarizing waste diversion rates and metrics.

8. Notify Team of Waste Overload

Send an automated email alert to operations manager when a bin reaches 90% capacity.

9. Alert Drivers of Service Delay

Send immediate SMS notification to the field crew regarding route changes or delays.

10. Calculate Average Diversion Rate

Aggregate total recycled weight vs. total waste weight to find the average diversion rate.

11. Schedule Waste Audit

Create a recurring task to schedule mandatory waste audits for high-volume sites.

12. Fetch Client Site Profile

Retrieve location details and client contract information for the service site.

13. Determine Disposal Cost Estimation

Calculate estimated disposal costs based on aggregated waste type and weight.

14. Request Disposal Authorization

Initiate a task to secure necessary permits or authorizations before disposal.

15. Record Disposal Site Details

Update the job record with the actual destination and weight processed at the landfill/facility.

16. Create Daily Waste Pickup Summary

Generate a summary report summarizing all daily pickups for management review.

17. Dispatch Pre-Service Checklists

Send digital checklists to drivers before starting a new service route.

18. Confirm Service Completion

Send confirmation SMS to the client contact upon job completion.

19. Get Equipment Maintenance Status

Check the current operational status and service history of collection vehicles.

20. Log Hazardous Waste Transfer

Create a new formal entry for the collection and tracking of regulated/hazardous materials.

End

Start of the Workflow/Process.