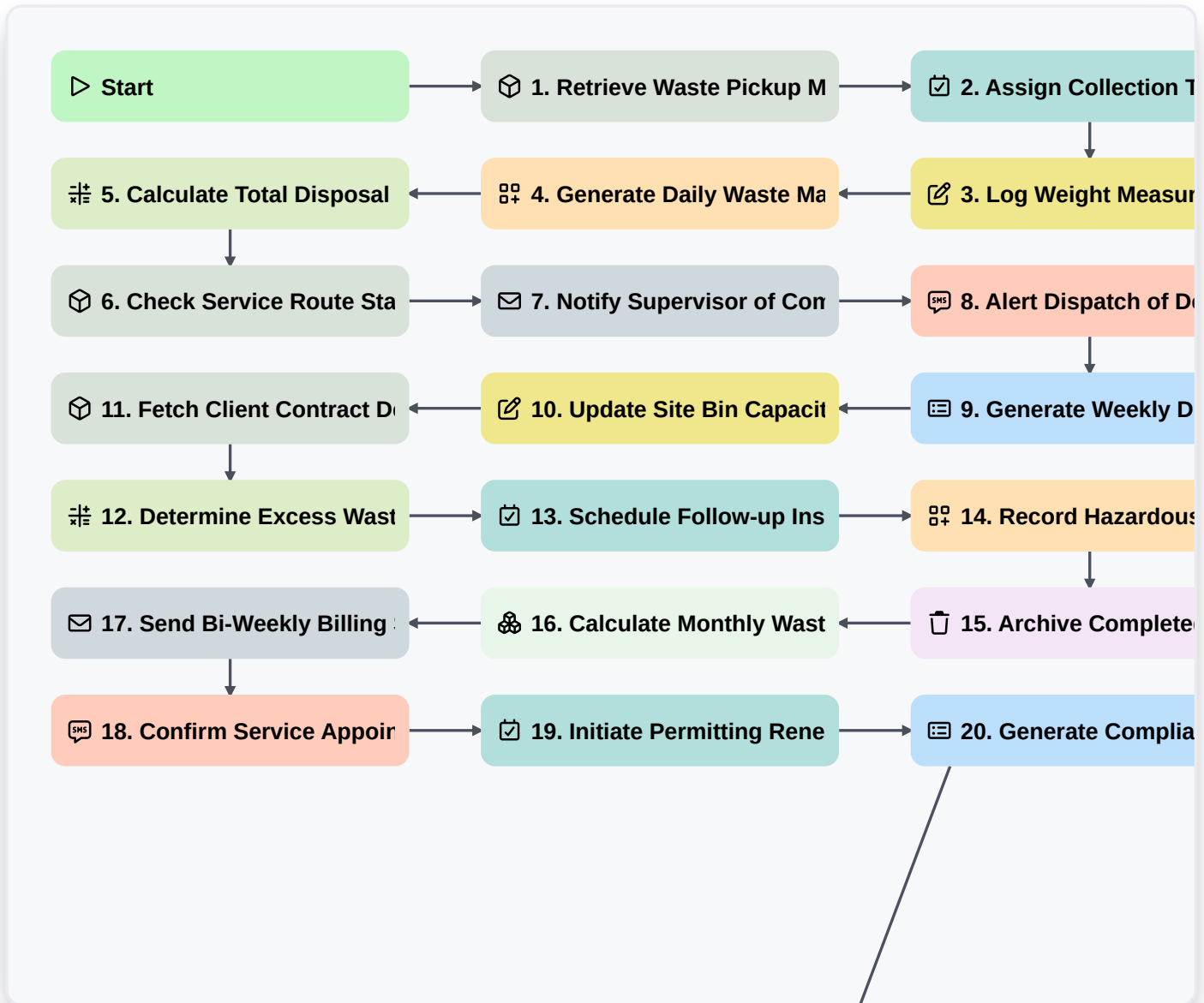


# Digital Waste Management Workflow Automation On Work OS Platform



## ▷ Start

Start of the Workflow/Process.

## 📦 1. Retrieve Waste Pickup Manifest

Fetch existing waste pickup data records based on job ID or date range.

## ✅ 2. Assign Collection Task to Crew

Automatically assign the collection task to the designated field crew member upon job creation.

## 📝 3. Log Weight Measurement Update

Update the recorded weight data (e.g., tonnage) for the collected waste item.

## 📄 4. Generate Daily Waste Manifest Entry

Create a new record documenting the specific waste pickup details (location, volume, type).

## 📊 5. Calculate Total Disposal Cost

Compute the total cost by summing collected weights multiplied by their respective disposal rates.

## **6. Check Service Route Status**

Retrieve the optimized route status and next required stops for the assigned day.

## **7. Notify Supervisor of Completion**

Send an automated email notification to the supervisor confirming the job completion and attached manifest.

## **8. Alert Dispatch of Delay**

Send an SMS alert to the dispatcher if a pickup job is significantly delayed or blocked.

## **9. Generate Weekly Diversion Report**

Compile a summary report showing total waste diverted from landfills for the current week.

## **10. Update Site Bin Capacity Status**

Adjust the data model entry reflecting the current fill level percentage of the waste bin.

## **11. Fetch Client Contract Details**

Retrieve client-specific contract rates and service level agreements (SLAs) for billing accuracy.

## **12. Determine Excess Waste Flag**

Execute a check to determine if the current waste volume exceeds the pre-set contractual maximum.

## **13. Schedule Follow-up Inspection**

Automatically schedule a follow-up inspection task for complex or problematic waste streams.

## **14. Record Hazardous Material Incident**

Create a detailed, mandatory log entry for any observed hazardous material disposal issue.

## **15. Archive Completed Manifest**

Permanently remove or archive the manifest data after successful billing and auditing.

## **16. Calculate Monthly Waste Volume Summary**

Sum the total aggregated weight/volume metrics across all entries for the preceding month.

## **17. Send Bi-Weekly Billing Summary**

Distribute an email summary of services rendered and associated preliminary costs to the client account manager.

## **18. Confirm Service Appointment Window**

Send an SMS confirmation message to the client specifying the narrowed service time window.

## **19. Initiate Permitting Renewal Task**

Create a reminder task for management to begin the process for necessary waste disposal permits renewal.

## **20. Generate Compliance Audit Trail Report**

Create a comprehensive report summarizing all logged activities for regulatory auditing purposes.

## **End**

Start of the Workflow/Process.