

## SITE SPECIFIC WASTE MANAGEMENT PLAN (WMP)

**Project Name: Construction of 125M Span Single Suspension Pedestrian Bridge over Pinder River for Odar Village in District Chamoli.**

**Project Location: Chamoli**

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1. Introduction Objective: To ensures efficient waste handling, environmental protection, and regulatory compliance (Solid Waste Management Rules, 2016, Hazardous Waste Management Rules, 2016, CPCB, and Uttarakhand Pollution Control Board guidelines).

### **1. Labor Details**

Parameter	Details
Total Number of Laborers	12
Skilled Laborers	07
Unskilled Laborers	05
Labor Camp Location	Odar

### **2. Types & Estimated Quantity of Waste Generated**

Waste Type	Examples	Estimated Quantity (per month)	Source of Generation
Excavated Soil & Rock	Earth, boulders, debris	110 Cum	Foundation, excavation
Concrete Waste	Broken concrete, cement slurry	1.4 tons	RCC works, piling
Steel & Metal Waste	Reinforcement bars, wires	160 kg	Fabrication, cutting
Wood Waste	Timber, plywood, pallets	50 kg	Formwork, scaffolding
Hazardous Waste/liquid waste	Paints, lubricants, fuels, batteries/concrete wash	50 liters/kg	Machinery maintenance

Waste Type	Examples	Estimated Quantity (per month)	Source of Generation
Plastic Waste	Packaging materials, pipes	30 kg	Material storage, construction
Domestic Waste	Municipal collection sites/compost pith area	8 Kg/day	Labour Camp, site offices

### 3. Types & Estimated Quantity of Waste Generated

Waste Type	Disposal Location	Disposal Method
Excavated Soil	Backfilling areas	Used for leveling or disposed at approved sites
Concrete Waste	Recycling plant, construction backfill	Crushed & reused for pavement base
Metal Scrap	Local scrap dealers, recycling units	Sold for recycling
Wood Waste	Reused at site, donated	Reused in scaffolding, sold if excess
Hazardous Waste	Authorized disposal facility	Collected & treated as per regulations
Domestic Waste	Municipal collection sites/compost pith area	Regular municipal disposal or by preparing composting pit
Plastic Waste	Municipal collection	Regular municipal disposal

**Environment Expert and Contractor**

Name: Lokesh Sukla

Date 29.07.2025