

SITE SPECIFIC WASTE MANAGEMENT PLAN (WMP)

Project Name: Construction of 84 M span Steel Girder Motor Bridge over Kotigaad in KM 01 of Tikochi-Duchanu-Kiranu-Sirtoli Motor Road in Dist. Uttarkashi under EPC mode.

Project Location: Tikochi, Distt. Uttarkashi

Prepared By: Swati Rawat

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).

2. Labor Details

Parameter	Details
Total Number of Laborers	30
Skilled Laborers	10
Unskilled Laborers	20
Labor Camp Location	Tikochi

3. Types & Estimated Quantity of Waste Generated

Waste Type	Examples	Estimated Quantity (per month)	Source of Generation
Excavated Soil & Rock	Earth, boulders, debris	200-300 Cum	Foundation, excavation
Concrete Waste	Broken concrete, cement slurry	1 tons	RCC works, piling
Steel & Metal Waste	Reinforcement bars, wires	200 kg	Fabrication, cutting
Wood Waste	Timber, plywood, pallets	100 kg	Formwork, scaffolding
Hazardous Waste/liquid waste	Paints, lubricants, fuels, batteries/concrete wash	50 liters/kg	Machinery maintenance
Domestic Waste	Food waste, plastics, paper	10 kg/day	Labor camps, site offices

Waste Type	Examples	Estimated Quantity (per month)	Source of Generation
Plastic Waste	Packaging materials, pipes	100 kg	Material storage, construction

4. Waste Management Measures

Waste Type	Disposal Location	Disposal Method
Excavated Soil	Backfilling areas	Used for levelling 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

Signed by Environment Expert and Contractor

Name ___ Swati Rawat ___

Date ___ 10/08/2025 ___

