

SITE SPECIFIC WASTE MANAGEMENT PLAN (WMP)

Project Name: Name of work-Construction of 4 No Intermediate Lane steel Truss Motor Bridge In km 4.8 (HM 2-4 & HM 8-10)& 12 AT Nandprayag Ghat Motor way in District Chamoli.

Project Location: Nandprayag Ghat , Chamoli.

Prepared By: Mr. Ravindra Singh (Environment Expert)

Date: 31/05/2025

1. Introduction

Objective: To ensure 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	13
Skilled Laborers	6
Unskilled Laborers	7
Labor Camp Location	Village Banala, Ghat Road, Nandprayag, Chamoli

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3. Types & Estimated Quantity of Waste Generated (which is not applicable kindly ignore)

Waste Type	Examples	Estimated Quantity (per month)	Source of Generation
Excavated Soil & Rock	Earth, boulders, debris	2000 tons	Foundation, excavation
Concrete Waste	Broken concrete, cement slurry	100 kg	RCC works, piling
Steel & Metal Waste	Reinforcement bars, wires	70 kg	Fabrication, cutting
Wood Waste	Timber, plywood, pallets	-	Formwork, scaffolding
Hazardous Waste/liquid waste	Paints, lubricants, fuels, batteries/concrete wash	800 liters	Machinery maintenance
Domestic Waste	Food waste, plastics, paper	7 kg	Labor camps, site offices
Plastic Waste	Packaging materials, pipes	5 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 in scaffolding, sold if excess
Hazardous Waste	Authorized disposal facility	Collected & treated as per regulations
Domestic Waste	compost pith area	Biodegradable compost pit
Plastic Waste	Municipal collection	Regular municipal disposal

Ravindra Singh

Signed by Environment Expert and Contractor

Name- Ravindra Singh

Date- 31/05/2025

Verified by FPIU

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Date _____

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