

# **SITE WASTE MANAGEMENT PLAN**

## **PESTICIDES**

Pesticides include herbicides, insecticides, fungicides rodenticides, and pesticides, surface disinfectants, animal repellent and insect repellent. Should the Contractor find it necessary to use pesticides in work areas of this contract, he shall submit his plan for such use to UNDP through its named focal point for written approval. The Contractor shall read and comply with all labeling requirements when using pesticides. Use of pesticides shall be in accordance with internationally approved pesticides and use of any prohibited pesticides shall not be allowed under this contract. All containers of the pesticides shall be properly disposed of after use, in accordance with manufacturer's disposal instructions.

## **CLEAN-UP AND DISPOSAL OF WASTE MATERIALS**

### **Clean-Up**

The Contractor shall, at all times keep the construction area, including storage areas used free from accumulation of waste material or rubbish. All waste water and sewerage from office, residential and mobile camps shall be piped to soak pits or other disposal areas constructed in accordance with local government regulations, and where and when regulations require it the Contractor shall obtain a permit or other appropriate documentation approving the disposal methods used. All used fuels, oils, other plant or vehicle fluids, and old tyres and tubes shall be collected to a central disposal area on a daily basis and disposed of in a manner approved by the Project Engineer.

Servicing of plant equipment and vehicles shall whenever possible be carried out at a workshop area. This workshop area shall be equipped with secure storage areas for fuels, oils and other fluids and constructed in such a way as to contain any spillage, which may occur, and similar storage where fluids can be stored securely prior to their disposal. When servicing of plant, equipment and vehicles is carried out away from the workshop area it shall be done at locations and in such a manner as to avoid spillage and contamination of streams and other drainage courses. Any spillage shall be cleaned up by either burning in place or collecting the contaminated soils and burning them at the central disposal area, all to the satisfaction of the Project Engineer.

### **Disposal of Waste Material**

#### **(i) General**

Waste materials including, but not restricted to refuse, garbage, sanitary wastes industrial wastes and oil and other petroleum products, shall be disposed of by the Contractor. Disposal of combustible materials shall be by burying, where burial of such materials is approved by

the Project Engineer by burning, where burning of approved materials is permitted; or by removal from the construction area. Disposal of non-combustible materials shall be by burying where burial of such materials is approved by the Project Engineer or by removal from the construction area. Waste materials removed from the construction area shall be dumped at an approved dump

ii. Disposal of Material by Burying

Only materials approved by the Project Engineer may be buried. Burial shall be in pits and the location, size and depth of which shall be approved by the Project Engineer. The pits shall be covered by at least 0.6metre of earth material prior to abandonment.

ii. Disposal of Material by Burning

All materials to be burned shall be piled in designated burning areas in such a manner as will cause the least fire hazards. Burning shall be through and complete and all charred pieces remaining after burning, except for scattered small pieces, shall be removed from the construction area and disposed of as otherwise provided in this Clause.

iii. Disposal of Material by Removal

Material to be disposed of by removal from the construction area shall be removed from the area prior to the completion of the work under these specifications. All materials removed shall become the property of the Contractor.

Materials to be disposed of by dumping shall be hauled to an approved dump. It shall be the responsibility of the Contractor to make any arrangements of such dumping. Any fees for charges required to be paid for dumping of materials shall be paid by the Contractor and shall be included in the prices tendered in the Bill of Quantities for other work.

### **Water Pollution**

The Contractor shall observe the requirements to avoid the pollution of watercourses and ground water. Sanitary facilities for all site workers convenient to the working sites shall be provided to enable environmentally sensitive disposal of the waste. The storage of fuel and oil for the works operations shall be arranged in working sites, refueling of all plant and equipment and servicing practices shall be arranged to prevent the uncontrolled spilling of any oil based products.

Mitigation measures shall include drip trays, working on paved surfaces with waste collection arrangements and the provision of oil absorbing material for spills that can be subsequently disposed safely by burning.

**SITE WASTE MANAGEMENT PLAN TABLE**

<b>Environmental Social Impact</b>	<b>Proposed Mitigation and Aspect for Monitoring</b>	<b>Responsibility for intervention and monitoring during design, construction and defects liability period</b>	<b>Responsibility for mitigation monitoring and/or maintenance after defects liability period</b>	<b>Monitoring means: (c)= Construction (o) = operation</b>	<b>Recommended frequency of monitoring</b>
Water pollution	<ul style="list-style-type: none"> <li>• Proper disposal of construction debris</li> <li>• Proper handling, storage and disposal of oil and oil wastes</li> <li>• Proper disposal of wastewater /sewerage at Contractor's workmen's camps</li> </ul>	Supervising Engineer and Contractor	Contractor	(c ) inspection	(c)daily
Workmanship	<ul style="list-style-type: none"> <li>• Locate camp in terminal town</li> <li>• Provide proper sanitation facilities on site</li> <li>• Provide proper</li> </ul>	Supervising Engineer and Contractor	Contractor	(c ) inspection	(c) daily
Construction waste	<ul style="list-style-type: none"> <li>• Proper disposal of construction wastes including oil, solid wastes and debris</li> </ul>	Supervising Engineer and Contractor	Contractor	(c ) inspection	(c) weekly
Demobilization	<ul style="list-style-type: none"> <li>• Cleanup site</li> <li>• Remove all debris</li> <li>• Remove to original condition</li> </ul>	Supervising Engineer And Contractor	Contractor	(c) inspection and Certificate of completion	(c ) on completion of road construction works

Public Health and Occupational safety	<ul style="list-style-type: none"> <li>• Proper disposal of solid and sanitary waste at camps</li> <li>• Design and locate pit latrines prudently</li> <li>• Have communal ablution facilities</li> </ul>	Supervising Engineer and Contractor  District Council/Ministry of Health	Contractor  District Council/Ministry of Health	(c) Inspection  (o) Independent study	(c) daily  (o)once in 6 months
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# Site Waste Management Plan (SWMP)



## 1. Project Details

Project Name:	Construction of 240 M Span PSC Girder Motorable Bridge at Bullawala to Sattiwala over Suswa River at Doiwala in the District of Dehradun.		
Village	Bullawala and Sattiwala		
Tehsil	Doiwala		
District	Dehradun		
State	Uttarakhand		
Project Type:	Bridge		
Project Start Date:	04.10.2024	Project Completion Date:	03.04.2026
Contact Details (Waste Management Champion)			
Contact Type:	EPC		
Company Name:	RCC Developers Limited		
Phone:	(0121) 2402928, 2421986		
Email:	<a href="mailto:rccd109@gmail.com">rccd109@gmail.com</a>		

## 2. The Purpose of this Site Waste Management Plan

- ✓ To encourage sustainable use of materials
- ✓ To protection the environment and society
- ✓ To reduce waste and disposal costs
- ✓ To be more efficient and cost-effective with materials
- ✓ Improved work place and public safety
- ✓ Reduced legal and financially ability
- ✓ Improved community trust and relations

## 3. Applicable Site Waste Management Hierarchy

Site waste management practices to be prioritized in the following order:

- ✓ Reduction
- ✓ Re-use
- ✓ Recycling
- ✓ Recovery(use as fuel source)
- ✓ Residual Disposal (Clean-fill/Landfill/Hazardous Waste)

## SITE WASTE MANAGEMENT PLAN ENDORSEMENT

### Declaration

The Project Manager will take all reasonable steps to ensure that:

- All waste from the project is dealt with in accordance.
- All relevant persons (Contractors, Site Engineers, etc.) are made aware of the location and requirements of this PWMP and any supporting documentation.

**Project Manager**

Name : Mr. Devenderdutt Sharma

Signature:



Date. 15.07.2025