

**Action Plan for compliance for Water (Prevention and Control of Pollution) Act-1974, Air (Prevention and Control of Pollution) Act-1981, Solid Waste Management Rules-2016, Hazardous and Other Wastes Management Rules-2016, C&D Waste Management Rules-2016**

**A. Action points for compliance for Water (Prevention and Control of Pollution) Act-1974**

S.No.	Action Point	Timeline	Remark
<b>a) Short Term Action Plan</b>			
1	Estimation of total waste water and sewage generation from railway stations and attached locomotives/sheds where sewage treatment facility does not exist	1 Month	
2	Measurement of flow & load of all the drains carrying the untreated water and sewage from the railway stations	1 Month	
3	Installation of Bar-meshes in the drains & regular cleaning & disposal of Solid Waste	1 Month	
4	Quarterly Ground Water level and quality assessment report should be submitted to UPPCB for the area around railway station	3 Months	
5	Installation of OCEEMS in existing STPs with connectivity to server of CPCB/UPPCB	2 Months	
6	Installation of water meters on all tube wells and to maintain the log book for water extraction	1 Month	
7	Obtain NOC from CGWA for ground water extraction	3 Months	

8	Obtain consent under Water (Prevention and Control of Pollution ) Act-1974	1 Month	
<b>b) Long Term Action Plan</b>			
1	Sewage/ waste water conveyance system and STPs of adequate capacity should be installed.	6 Months	
2	The treated waste water should be used for yard/track washing, rack washing , toilet flushing or any other in-house cleaning activities and for Nursery raising, watering of plants, Gardening etc. instead of usage of ground water	3 Months	
3	Installation of OCEMMS for new STPs and its connectivity to the server of CPCB/ UPPCB	6 Months	
4	Reducing abstraction of ground water by reuse/recycle of treated effluent by installation of additional treatment facilities & process improvement	1Year	
5	Ensuring rain water harvesting/recharging ground water on railway station premises & construction of water harvesting structures like soak pits and recharge ponds etc.	6 Months	

**B. Action points Action points for compliance for Solid Waste Management, Plastic Waste Management and C & D Waste Management, 2016**

S.No.	Action Point	Timeline	Remark
1	Collection & Segregation of Solid Waste as per the provision of SWM Rules, 2016	Immediate	

2	Procurement and installation of sufficient number of bins for collection of bio-degradable and non-biodegradable wastes separately	1 Month	
3	Installation of pet bottles vending machines	3 Months	
4	Innovative reuse of plastic waste like pet bottles, buckets, large carry bags etc. for nursery raising on Railway lands.	3 Months	
5	Disposal of segregated Recyclable waste through registered recyclers	Immediate	
6	Compliance of SWM Rules, 2016 by bulk generators onsite bio-composting facilities and use of bio-compost in nursery, plantation and gardening etc.	02 Months	
7	Up gradation & operation of existing non-operational & non-complying Solid Waste Treatment Facilities as per prescribed norms	1 Month	
8	EPR registration under provisions of plastic waste management rules 2016 and submission of EPR to UPPCB	1 Month	
9	Treatment & disposal of legacy waste dumped within 500 meters of the boundary of railway stations, yards and other railway establishments on Railway lands	Immediate	
10	Compliance of C&D Waste Management Rules, 2016 and prohibition of illegal dumping of C&D waste	Immediate	

11	Formulation of Action Plan for income generation of Solid Waste and C&D Waste Treatment and Disposal Facilities including installation of Solar Power Plants, Energy Plantation & sale of RDF, compost etc.	02 Months	
12	Obtain authorization under Solids Waste Management Rules, 2016 from UPPCB	03 Months	

**C. Action Points for Compliance of Hazardous and Other Waste (Management and Tran boundary Movement) Rules-2016**

S.No.	Action Point	Timeline	Remark
<b>C) Hazardous and Other Waste (Management and Trans boundary Movement) Rule,2016</b>			
1	Collection & Segregation of Hazardous Waste as per the provision of HOWM Rules, 2016	Immediate	
2	Provision of temporary storage of hazardous waste in covered sheds.	1 Month	
3	Agreement with authorized TSDF or recyclers for disposal of hazardous waste.	02 Months	
4	Obtain authorization for storage and disposal of hazardous waste from UPPCB.	03 Months	

**D. Miscellaneous Action :**

S.No.	Action Point	Timeline	Remark
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S.No.	Action Point	Timeline	Remark
1	Plantation on vacant Railways trackside lands, premises and colonies	Immediate	
2	Nursery raising for supply of plants with onsite composting facility and reuse of treated water from railway establishments.	3 Months	