

Govt. of NCT of Delhi
PWD Secretariat : 5th Level, B-Wing
Delhi Sectt.: I.P. Estate, New Delhi

F.No. 4(99)/2015-16/PWD-II/Roads/ Pt. File-III/
CD 057321114

Dated: 11/7/2017

To

The Engineer in Chief,
PWD, Govt. of NCT of Delhi,
MSO Building, I.P.Estate,
New Delhi-110002

Sub:- Tentative Guidelines for drainage through Rain Water Harvesting and Artificial Recharging along National Highways.

Sir,

Please find enclosed herewith a copy letter No.RW/NH-33044/14/2003-S&R® dated 23.05.2017 received from Executive Engineer, NFSG, SR & T (Roads), Ministry of Road Transport & Highways, GOI, on the subject cited above for necessary action.

Encl: As above,

Yours faithfully,

(VINEET KUMAR)
DY.SECRETARY (PWD)



GOVERNMENT OF INDIA
MINISTRY OF ROAD TRANSPORT & HIGHWAYS
AN ISO 9001:2008 CERTIFIED MINISTRY
SR&T(Roads) ZONE

IAHE Campus,
A-5, Sector-62,
Noida-201301.

RW/NH-33044/14/2003-S&R(R)

Dated: 23rd May, 2017

To

1. The Chief Secretaries of all State Governments/UTs.
2. The Principal Secretaries/ Secretaries of all States/UTs Public Works Department dealing with National Highways, other Centrally Sponsored Schemes and State Schemes.
3. The Engineer-in Chief and Chief Engineers of Public Works Departments of States/ UTs dealing with National Highways, other Centrally Sponsored Schemes and State Schemes.
4. The Chairman, National Highway Authority of India, G-5 & 6, Sector-10, Dwarka, New Delhi-110075.
5. Director General (Border Roads), Seema Sadak Bhawan, Ring Road, New Delhi-110010

Subject : Tentative Guidelines for drainage through Rain water Harvesting and Artificial Recharging along National Highways.....

Sir,

Please refer to this Ministry's Circular of even No. dated 05.09.2013 on the above-mentioned subject (copy enclosed for ready reference). In this regard, it is requested to send action taken report/ status of implementation of these guidelines in National Highways project.

Encls: As above

Yours faithfully

Manoj Kumar
(Manoj Kumar)

Executive Engineer, NESG, SR&T(Roads)

For Director General (Road Development) & SS

Copy for information and Necessary Actions to:

1. All the Chief Engineers, MoRTH

Copy for information to:

1. PPS to DG(RD) & SS

3/7/17
Add (Roads)
SSC (Roads) / DS
6 m/c
3/7/16
to 2-11-16
action



Annexure - II
- 174 -

GOVERNMENT OF INDIA
MINISTRY OF ROAD TRANSPORT & HIGHWAYS

Transport Bhawan,
1, Parliament Street,
New Delhi - 110001

No. RW/NH- 33044/14/2003- S& (R) (Pt.II)

Dated: the 5 September, 2013

To

1. The Chief Secretaries of all State Governments/U.Ts.
2. The Principal Secretaries /Secretaries of all States/U.Ts. Public Works Department dealing with National Highways, other Centrally Sponsored Schemes and State Schemes.
3. The Engineers-in-Chief and Chief Engineers of Public Works Departments of States/U.Ts dealing with National Highways, other Centrally Sponsored Schemes and State Schemes.
4. The Chairman, National Highways Authority of India, G-5 & 6, Sector-10, Dwarka, New Delhi-110 075.
5. Director General (Border Roads), Seema Sadak Bhawan, Ring Road, New Delhi- 110 010.

Subject: Tentative Guidelines for drainage through Rain Water Harvesting and Artificial recharging along National Highways

The surface run-off from roads is huge in quantity and is further increasing due to large construction programme of roads in the country. This run-off needs to be properly managed so that it does not go waste. One of the ways is to utilize this water to recharge ground water which is depleting due to increasing use of water for various development activities.

2. Considering that the average annual rainfall in India is about 1100 mm, the total annual volume of run-off from a 1 km long National Highway, taking run-off efficiency as 80%, is: $1000 \text{ m} \times 7 \text{ m} \times \frac{80}{100} \times \frac{1100}{1000} \text{ mm} = 6160 \text{ cubic metres} = 61,60,000 \text{ litres.}$

3. As per Ministry of Environment and Forests Notification, dated 8 October, 2009 and 23 April, 2010, construction of Rain water harvesting structure/ adoption of artificial recharge of ground water in the country is to be taken up by all government departments to augment ground water resources and to save it from further depletion. In this regard this Ministry had also issued necessary directions vide OM No RW/NH/33023/1/2008- S&R (R) dated 1st June, 2010.



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MINISTRY OF ROAD TRANSPORT & HIGHWAYS
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IAHE Campus,
A-5, Sector-62,
Noida-201301.

RW/NH-33044/14/2003-S&R(R)

Dated: 23rd May, 2017

To

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2. The Principal Secretaries/ Secretaries of all States/UTs Public Works Department dealing with National Highways, other Centrally Sponsored Schemes and State Schemes.
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For Director General (Road Development) & SS

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