

## Department of Water Resources

Office of the Chief Engineer

### Notification

4/4/EO-WRD/450

**Sub:-** Policy on Rainwater Harvesting

#### 1.0. *General:*

Government has adopted a policy on roof-top rainwater harvesting. This notification gives details for the guidance of all the concerned departments for the implementation of the policy and for the information of the public. The policy will become effective from the date of its publication in the Official Gazette.

#### 2.0. *Definition and scope:*

For the purpose of the policy, rain-water harvesting shall be defined as the water management technique and practice of collecting rainwater falling on the roof of house/building or groups of houses/buildings located on a single plot of land and storing the collected water in underground or overground storage container/ /tanks/cisterns for continuous use/consumption by the users/occupants of the houses/buildings from whose roofs the water has been so collected. The Policy does not include within its purview rain water harvesting for groundwater recharge. It shall be implemented by the Water Resources Department and shall apply to the whole State.

#### 3.0. *Mandatory provisions of the Policy:*

Rainwater harvesting shall be mandatory for the following groups of users:

(i) Residential complexes including apartments on a plot area of 2000 sq. mts. and above.

(ii) Commercial complexes on plot areas of 1500 sq. mts. and above.

(iii) Industrial units on plot areas of 10,000 sq. mts. and above.

However, all the users of these groups who incorporate Sewage Treatment Plants (STP) or Waste Water Recycling processes in their premises shall be exempted from the mandatory inclusion

of rainwater harvesting structures in their building.

#### 4.0. *Incentives for adopting rainwater harvesting.*

##### 4.1. *Subsidies:*

Subsidies on a reimbursement basis shall be provided to the different user groups at the rates mentioned below:-

##### (i) Individual households/residential houses:

Upto 50% of the cost incurred on incorporating the rainwater harvesting system or Rs. 50,000-00 (Rupees fifty thousand only), whichever is less.

##### (ii) Residential complexes and apartments buildings:

Cost of rainwater harvesting structures in such establishments shall be subsidized upto 50% of the cost of the structures or Rs. 2.5 lakh, whichever is less.

##### (iii) For Commercial complexes and hospitality businesses:

Subsidies for this group of users shall be up to 50% of the cost of the rainwater harvesting structures of Rs. 2.50 lakh, whichever is less.

The subsidies as fixed above shall be granted only on a reimbursement basis.

#### 4.2. *Annual award for the best rainwater harvesting practices:*

The Water Resources Department will institute an annual award carrying a citation and cash prize for the best rain water harvesting practices in the State. Details of the award such as the amount of the cash prize, the last date for submission of application every year etc., will be published subsequently.

#### 5.0. *Amendment of Bye-laws:*

All the authorities/departments/agencies in the State issuing licenses/permissions for building construction shall take immediate action to amend the building bye-laws presently in force to bring them into conformity with this policy. Similarly all other authorities issuing licenses/clearances etc. shall also take action to bring their rules/

/regulations/procedures/guidelines etc. for issuing licenses etc. into conformity with this policy.

#### 6.0. *Nodal Officers:*

For the purpose of releasing subsidy, the Executive Engineer, Works Division-I, Panaji and the Executive Engineer, Works Division-II, Gogol, Margao, shall be the Nodal Officers for North Goa and South Goa respectively.

#### 7.0. *Procedure for releasing subsidies:*

Subsidies under this policy shall be released only on a reimbursement basis. Procedure for claiming/ releasing subsidy shall be as under:

As Nodal Officers for North Goa and South Goa respectively, the Executive Engineer, Works Division-I, Panaji and the Executive Engineer, Works Division-II, Gogol, Margao shall be responsible for releasing the subsidy.

Alongwith the building plans submitted to the licensing authorities at the time of seeking building licenses, the building owners/builders shall also submit the detailed designs, drawings, plans and estimates for the rainwater harvesting structures proposed to be incorporated in the buildings. Besides the layout of the main building, the site plan shall also show the layout of the rainwater harvesting structures. Estimates for the rainwater harvesting structures shall be based on the current Goa Schedules of rates. Market rates supported with appropriate quotations shall be adopted for items of works not available in the Goa Schedules of Rates. All the designs, plans, drawings and estimates for the rainwater harvesting structures shall be prepared and signed by a registered Civil Engineer.

The licensing authority shall forward such plans and estimates for the rainwater harvesting

structures to the Nodal Officers, North and South i.e. the Executive Engineer, Works Division-I or II, Water Resources Department, as the case may be. The Nodal Officer shall examine the plans, designs, drawings and estimates for their technical soundness and inspect the site if necessary. If in his opinion the designs, drawings, etc. require amendments or corrections, he shall communicate the same to the licensing authority who shall then obtain the required amendments from the applicant. On satisfying himself about the soundness of the plans, etc., the Nodal Officer shall convey his approval to the licensing authority.

On obtaining the building completion certificate from the licensing authority, the owner/builder shall apply to the concerned Nodal Officer for claiming reimbursement of subsidy on the expenditure incurred by him on the construction of the rainwater harvesting structure. If the final structure as actually constructed differs in any respect from the original approved plans, the owner shall submit approved revised plans and estimates to the Nodal Officer. The Nodal Officer shall then inspect the structure, measure and record the dimensions of the rainwater harvesting structures. He shall then submit the plans, estimates, measurements, etc. alongwith a report to the Superintending Engineer, Circle-I, Water Resources Department. The later shall then inspect the site and issue a Completion Certificate after satisfying himself that the rainwater harvesting structure has been completed to approved plans. The Nodal Officer shall then release the subsidy to the owner/builder.

By order and in the name of the Governor of Goa.

*S. T. Nadkarni*, Chief Engineer & ex officio Additional Secretary.

Panaji, 16th October, 2008.