

## BHARTI UNDER DRAIN SYSTEM

Bharti Under Drain System made from Vee Wire Stainless Steel SS 304 Screen with single media retention for longer life of the filter bed and consistent, filtration flow, proper back wash and can installed in existing filter bed for increasing the capacity up to 60% of the installed capacity or more, Better quality water, Installation is easier, Effective backwash with air and water, Eliminate bed upset and gravel mixing problem, maintenance cost are reduced, Save space and money, Flexibility of design allows optimum performance, Due to proper backwash because of single media no formation of mud balls & Saving in backwash treated water.



We have the pleasure to inform you that the above cited subject Bharti Under Drain System manufactured from Vee Wire technology based on header and lateral type system with single media retention for better efficiency and longer life of the CANAL BASE SCHEMES in the State / Central at water works. The few benefits of technology are as under:-

- Installed in existing filter bed without any civil work capacity of bed filtration increased up to 60% of the installed capacity (Direct saving to the Govt.).

- Better quality water
- No power required for operation
- Installation is easier
- Effective backwash with air and water
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- Eliminate bed upset and gravel mixing problem
- Maintenance cost are reduced
- Save space and money
- Flexibility of design allows optimum performance
- Due to proper backwash because of single media no formation of mud balls.
- Saving in backwash treated water.
- Saving in civil structure and lesser land required.

We look forward to your valuable and positive guidance and support in our task of popularizing this world proven technology now in Bharti under drain system i.e. canal base schemes, which not only improve the efficiency of the schemes but also give better quality water and effective back wash system. One time additional investment in BHARTI UNDER DRAIN SYSTEM WILL PAID BACK IN FEW MONTHS by saving heavy exchequer amount spend on maintenance and construction of new schemes, sand free discharge etc, which is becoming a scare resource in the national interest.



### [System Operation](#)

Raw Water enters the filter bed at the top and percolates down through the filter media bed into the screen laterals. Flow from each lateral travels to the connected to the outlet header pipe. Backwash is distributed uniformly to each lateral by this cylindrical header, and along each lateral through the base pipe hole orifice.

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