

OM SRI SAI RAM

SRI SATHYA SAI SEVA ORGANIZATION

TECHNOLOGY MISSION PUBLICATION-April 2020

Water purification Systems management during COVID -19 activities

The Technology mission through this publication humbly solicits the support and cooperation of all SP's/District Presidents/Conveners and water committee members of our establishments to convey the substance of this publication and see that these norms are followed for the good health of our society. The procedures listed below are very essential and they must be followed keeping the present crisis in view at the National and the Global level as human life is very precious.

1. We are experiencing the impact of the CORONO VIRUS all over the globe and we have number of directions and safe practices advocated from various concerned institutions such as WHO (World Health Organisation) as well.
2. People are trying their best to follow them to a very large extent. It is clear that this is not enough. A very large extent is inadequate and what is required is total and serious implementation, otherwise we may face serious consequences.
3. Simple wearing of masks and washing hands alone is not good enough. Safe distance as well as NOT touching objects and people is also necessary.
4. We have seen and learning that Asymptomatic cases on the rise and we never know until we are tested and is not possible to test everyone either. Therefore it is very essential we stick strictly to the norms laid by the organization, otherwise we have to pay heavy price for violations.
5. We have currently 108 water purification systems operating and we do not have any report to know whether they are working or shut during this lockdown period. If it is shut down, it is well and good.
6. We also have other drinking water systems as in Kerala in several districts and in Paderu in Vishakhapatnam in Andhra Pradesh. We need to take precautions there too and where ever required.
7. In case they are working we need to take some serious precautions to safe guard our users. We must recognize that contaminated and virus infected water or surface of the containers or taps can be a hidden carrier of the COVID-19, which most of the villagers may not know
8. In our facilities set up in villages nearly 500 to 1000 people visit the plant house to take water based on the size of the village. They normally bring open containers of their own for fill up. In the normal days there has not been any illness or contamination effect that has been reported.
9. But now we never know the presence of virus deposited by the affected person on the container or taps or any surface touched by the user. This can be deadly and the whole village can get affected with the spread of the virus.
10. During this lockdown period and for at least 2 more months all our plants must be kept opened for 6 hrs only a day under the supervision of the operator. This holds good for plants with smart card operations specifically.

11. Therefore it is essential that we should educate and teach users to wash their hands before filling at the plant site and for this we need to keep a separate raw water tap with soap or sanitizers. We should also insist on wearing a mask as well.
12. The operator or the water committee members should be vigilant and see that no sick person comes to take water from the facility. This is a very embarrassing and difficult thing to implement therefore someone must volunteer to provide water at their home instead of them coming!
13. The operator too must wear a mask and keep his hands well washed with soap very frequently while on duty.
14. The best practice would be for a brief period of time say for the next two or more months the users must deposit their smart cards with the operator and he will activate them for you and deliver the water in to your can through a tube from a safe distance, This will facilitate the user NOT touching anything at all during the process of taking water. This way the user will be safe from contamination.
15. The operator also supposed to sanitize the smart cards to destroy any virus on them.
16. The operator should not touch the users' container and will allow only those wearing masks. He must see that safe distance norms are marked on the floor in front of the plant house and they are strictly adhered to forming a queue. Crowding to be totally avoided.
17. The user members must wash the internal surface of the container thoroughly with a detergent or tamarind or ash every time before filling the containers with fresh water. We should know it is normal the internal surface will always have a fine layer of slime deposit and this will be a carrier of virus.
18. The plant rooms, water tanks must be washed and rooms and surroundings must be sanitized at least once in a week

Looking forward seeking DIVINE guidance and Blessings

Samastha Lokah Sukhino Bavanthu-Jai Sai Ram