SEWERAGE LINE CASE STUDY

UN MATERNAL & CHILD STUTING REDUCTION PROGRAM

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SAFWCO
PRE-INTERVENTION CONTEXT

Village Tahir Nagore, situated 50 kilometers away from Mahrabpur, is confronted with problem of poor sanitation and hygiene practices. Village consisted of 99 households, a moderate population without improve wash facilities remain affected by diseases caused by poor sanitation services. The population of village has fewer latrine in their houses but no sewerage system in the village hence sewerage water submerges in the streets and homes. Most of the population has exposure to the dirty water, children in higher ratio, infected by diarrhea and other intestinal diseases. Due to fewer numbers of latrines, children used to defecate in streets and fields. Villagers were not aware of hand washing practices in critical timings that leads to stunting in mothers and children.

WASH INTERVENTIONS

In response to above problem, Community resource person identified the village, SAFWCO mobilization team has intervened in the village under UN Maternal & Child Stunting Reduction Program. Taking start with the mobilization process SAFWCO team has introduce their selves in the community and briefed them about the project. Believing in participatory approach they involved the community in drawing social map on the floor to identify the resources, hazards and number of household in the villages. To sensitize the community SAFWCO team has made transit walk to identify the open defecation in the village. through f-diagram it was told that feces return in their food through different media. Calculation of medical expenses triggered community and they committed to construct latrines. SAFWCO engineering team provided technical assistance to the villagers to achieve objective of open defecation free environment. To provide the sense of ownership, community based institution – VWC – were formed and linked with school wash club community resource person for sustaining the ODF status.
As the number of latrines increased, another problem of sewerage water arises. Villagers were encouraged through CRP and VWC and made commitment to abandon the open defecation, villagers voluntarily contributed some amount of money to resolve the issue of sewerage water. Engineering core of SAFWCO has suggested them to install new sewerage line to expel the water out of the village. Engineers provided the technical assistance and provide them design of sewerage line. Villagers raised funds of 90,000 PKR to install sewerage line to sustain the status of open defecation free environment in the village.

Behavior change campaign were initiated to improve the hand washing practices, water treatment and disaster risk reduction measures. Villagers, CRP and wash club took active part in behavior change campaigns. Community led total sanitation approach has triggered the community and achieve ODF status. Village Tahir Nagore has become a role model of good hygiene to other villages in union council Jiyando Rajper.

**IMMEDIATE OUTPUT**

WASH interventions brought the villagers to open defecation practices. Villagers has sense of ownership since they have constructed sewerage line in their village along with latrines at house hold level. Medical expenses were observed to be low as children are less affected by disease. All the village population has access to improved WASH facilities within village and schools. Their behaviors have been changed since they practice hand washing in critical timings.
**IMPACT OF INTERVENTIONS.**

The WASH interventions created multi-dimensional impacts in improving the life of villagers.

The hand washing skills led them to better health and hygiene conditions. Set of skills will sustain them from diseases and other diseases transmitted through oral contact.

The medical expenses of villagers have dramatically decreased, that is the sign of some saving in the village that can be used for education of children, better food and other quality life good.

Due to the improved WASH facilities, villagers are enjoying improved quality of life. They are worried about the education of the children since they have achieved their basic needs.

Association of VWC with SAFWCO and other organization has led them to recognition among other. As a model village all other villages are trying to replicate the practices.