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IWMI
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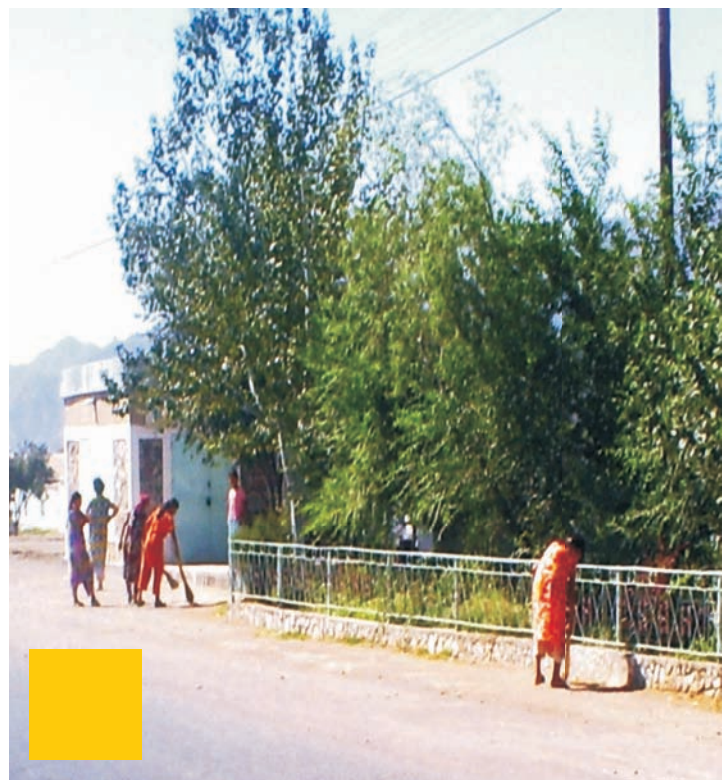
Environmental requirements of the “IWRM-Ferghana” Project

1. Participation of Stakeholders (SH): – representatives of nature protection organizations, - public water-supply services (PWS), etc. in the work of CBK and BKK Councils to tackle the problems of water protection zones (WPZ) and PWS along SFC, HBC and AAC pilot canals;
2. Accountability of drinking water deficit in the zone of pilot canals while operating them (adjusted schedule of water delivery during non-vegetation periods taking into account drinking water deficit, as well as sanitary-environmental releases);
3. Assessment and analysis socio-ecological situation in zones of the pilot canals;
4. Elaboration of proposals to improve socio-ecological situation around water bodies in general and in water protection zones (WPZ) in particular.

Methods to improve socio-ecological sustainability in the pilot canals zones

Kyrgyzstan, Tajikistan and Uzbekistan should improve sanitary situation in areas along the pilot canals through establishing water protection zones on the basis of adopted legislation acts on water protection zones around water bodies, as well as provide the population with good quality water supply in zones of the pilot canals. For this purpose the following measures should be undertaken:

- make an inventorization of water protection zones and rights of way along the pilot canals within the Project area – ensuring interaction between provincial services of “state-water-inspection”, nature protection committees and prophylactic-epidemiological authorities;
- make an inventorization of drinking water supply networks within the Project area - ensuring interaction between provincial Services of Water Supply and prophylactic-epidemiological authorities as well as with civil society organizations and stakeholders;
- make chemical analysis of water from wells to obtain more accurate information as to water quality according to the State Standard for “Water Quality” – ensuring interaction between provincial Water Supply Authorities, Nature Protection Committees and prophylactic-epidemiological authorities;
- set jointly with Canal Authorities and prophylactic-epidemiological services, as well as with civil society organizations and stakeholders volumes of sanitary-environmental releases from the pilot canals.



Results

Analysis and observations carried out with regard to ecological situation in the area of pilot canals revealed its inconsistency with standard socio-ecological requirements relevant to the following habitat issues:

- Water protection zones;
- Sanitary-environmental releases;
- Water supply for the population;
- Water quality;
- Solid domestic waste, etc.

In this connection a set of activities were carried out in order to improve socio-economic situation the pilot canals zone jointly with local self-administration stakeholders.

After the example of Hodja-Bakirgan pilot canal (HBC) (Sogd province in the Republic of Tajikistan):

Here under the supervision of the national "IWRM-Ferghana" Project coordinator in Sogd province of Tajikistan jointly with Provincial Environment Protection Committee, NGO "BONU", chief specialists from two districts (B. Gafurov and D. Rasulov), the Canal Authorities and the local population conducted the community work day (Day of unpaid work) to clean water protection zones of the canal. As a result of this action, 15.8 m3 of solid-domestic waste all in all were collected and removed to the assigned place. 57 water users participated in this action. 3 trucks and 2 loaders were brought in motion. Consequently, social-ecological conditions of this canal and water protection zones were improved.



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