

BRAC Internship Description

Programme/Enterprise: Water, Sanitation and Hygiene (WASH)

Project/Unit: Equitable & Sustainable WASH Services in Bangladesh Delta Plan Hotspots (Technical Stream)

Duration: 3 Months

Application Deadline: 26 September 2026

Starting Date: 4 October 2026

Location (Office & Floor): Tanore BRAC Regional Office, with regular field visits across the Barind area

Working Hours: 8 Hours

Monthly Stipend: BDT 8000

Programme/Enterprise Description.

BRAC's Water, Sanitation and Hygiene (WASH) Programme has worked alongside communities across Bangladesh since 2006. It supports people to secure safe water, improved sanitation and better hygiene, with a focus on rural, hard-to-reach and climate-affected areas. The programme contributed to national gains in safe water access, improved latrines and open-defecation-free communities, and has aligned its work with Sustainable Development Goal 6 since 2016. With internal displacement and rapid urbanization, WASH is critical for public health, and our community-led model ensures sustainable impact that protects lives and promotes wellbeing for future generations.

Project/Unit Description

The Barind Tract in north-west Bangladesh is semi-arid: 1,100–1,300 mm of rainfall a year, hard clay soils and erratic monsoons. Long-term groundwater use for irrigation has lowered water tables by five to six metres, leaving the area highly drought-prone.

Following the 2025 government direction, the project supports a shift towards community-based Integrated Water Resources Management (IWRM). Water user groups, women, farmers, Union Parishads, NGOs and agencies like Barind Multipurpose Development Authority (BMDA), the Department of Public Health Engineering (DPHE) and the Water Resources Planning Organisation (WARPO) plan and monitor together.

Interventions include managed aquifer recharge (MAR), rainwater harvesting, pond and catchment restoration, community piped water systems, reduced groundwater abstraction, and stronger water governance with transparent monitoring and maintenance funds. Rajshahi University, Rajshahi University of Engineering & Technology (RUET), Acacia Water and Dutch research institutions provide research and technical partnership. The aim is to secure safe drinking water while restoring and sustaining the wider water ecosystem.

Purpose of Internship

This internship offers hands-on experience of community-based water management in one of the most water-stressed regions of Bangladesh. Interns work under the guidance of the project

team, supporting technical implications, field data collection, documentation, and follow-up on on-going and completed water facilities.

Learning outcomes

By the end of three months, an intern will have:

- taken part in fieldwork on a live water management project, and seen how technical and community work fit together;
- practiced collecting, organizing and checking data to a standard the team can use;
- produced written outputs such as field notes, survey summaries and draft reports and draft technical drawings;

Intern's Responsibilities:

1. Help collect field data using simple location-tracking tools, under the guidance of Line Supervisor
2. Take part in field surveys to gather the information - the project and construction works need.
3. Help collect real-time data on weather patterns and the hydro-geological cycle, contributing to localised climate risk maps, groundwater profiles and hydrological diagnostics for a sub-catchment.
4. Help prepare draft technical drawings in line with approved designs, and draft sections of technical reports.
5. Support the technical team before, during and after construction work, including checks on the operation and maintenance of completed structures.
6. Help compile an inventory of digital water-use decision tools and note how useful they are for farmers and other water users.

Requirements

- Educational Background
 - Level: Bachelor's degree/ Master's Degree. Final-year students may also be considered.
 - Subject: Water Resources Engineering; Civil and Environmental Engineering; Geology and Mining; Geography and Environment; Environmental Science
- Language Proficiency
 - Bangla: fluent or native, written and spoken
 - English: good working proficiency
- Skills: MS Word, Excel, SPSS, PowerPoint, AutoCAD (Preferred)
- Competencies: Clear writing and reporting; time management; coordination and communication; teamwork; planning and prioritising; analytical thinking; initiative and a willingness to learn.
- Others: Willingness to travel and work in field conditions across the Barind area, and a genuine respect for the community members the project works with.