

SKYHYDRANT REPORT

1.1 Name of Project	The Rotary District 3450 Water Purification System (WPS) Project for Shaanxi Province, China
1.2 Name of implementing organisation/s	Foreign Affairs Office & Overseas Chinese Affairs Office of the People's Government of the Shaanxi Province Education Department of Weinan City Education Department of Tongcun City
1.3 Project Location	31 central schools in the Weinan City; and 12 central schools in the Tongcun City
1.4 Project summary <i>A brief summary of the project</i>	<p>Water Sources: city water supply (not up to drinking standard and always in short supply), wells, rivers and collected rain water.</p> <p>A robust structure is designed to support the 2 water tanks (source water (1000 litre) and clean water (1500 litre)). (Note: please refer to the attached photo of the structure.) The SkyHydrant is connected to these 2 tanks accordingly. Based on individual school's requirements, the clean water is also connected to kitchen, dining rooms, and boiler room.</p> <p>Overall, the school principal and the parent association have the ultimate responsibility of managing the WPS. Each school is required to set up a "School Maintenance Team" which is led by a teacher. The building contractor trains the 43 School Maintenance Teams to do the cleaning and maintenance work. Rotary Project Team conducts the final assessment to ensure these School Maintenance Teams can do the cleaning and maintenance jobs properly. The school is required to perform a water assessment by the local government lab every year to monitor the quality of the clean water.</p>
1.5 Project Date	Between September 2012 to June 2013
1.6 Community Setting	<p>The beneficiaries are the students and staff of the 43 schools, estimated at 55,000 people</p> <p>The 55,000 students and staff (about 70% of these are residents in the schools) will have clean drinking water during the expected service life of the WPS of about 10 years (mainly the service life of the SkyHydrant)</p> <p>The main concern of Rotary Project Team is that correct cleaning and maintenance be carried out by the school, especially the School Maintenance Team.</p>

A lot of effort has been given to setting up and training/retraining of these teams with the schools. The SkyHydrant cleaning procedure is posted alongside with the SkyHydrant to ensure the cleaning procedure is properly carried out daily and monthly. The school is required to do an independent water quality assessment every year to ensure the quality of the clean water meets the drinking standard

Photos illustrating the different SkyHydrant systems in the schools in Weinan and Tongcun City

