

Case Study – Provision of Lifestraw Water Filters in Schools

Date of field visit	January, 2019
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Name of the district	Hyderabad
Name of the Partner	SaciWATERS
About the School (its approach from the main city, kind of people, type of school)	Mallapur is a village in Hyderabad city falling under GHMC Kapra circle (in the East zone), Ranga Reddy district, Telangana State. This village has two schools namely Zilla Parishad High School (ZPHS) and Mandal Praja Parishad High School (MMPS) located within the same premises.
Participants Group	
Name of the City, State	Hyderabad, Telangana
Occupation	
Partner NGO associated	SaciWATERS
Background information	<p>Mallapur (ZPHS) has total students strength of 760 (Boys – 282, Girls – 478) and Mallapur (MPPS) has total students strength of 392 (Boys – 179, Girls – 213). MPPS Mallapur do not have the presence of water source within the school premises. Since MPPS & ZPHS Mallapur are located in a same premises infrastructure is being shared.</p> <p>Mallapur (MPPS) is school is purchasing RO bubbles for drinking water purposes and also most of the students are carrying their own water bottles from homes. Prior to SaciWATER’s intervention, in the Mallapur (MPPS) school RO plants were defunct and were depending on purchase of RO bubbles and students are drinking water directly from the source.</p> <p>This case study tries to capture the before and after situation of the water infrastructure in terms of students access to clean and safe drinking water facility.</p>
Challenges faced	One of the major objective of the project is to provide clean and safe drinking water to all the students. During the initial meeting with the teachers and students in the Mallapur (MPPS) school, it came into the lime light that most of the students were not having access to safe drinking water in the school and they were accessing the drinking water from RO bubbles purchased by the school Head Master with their own contributions.

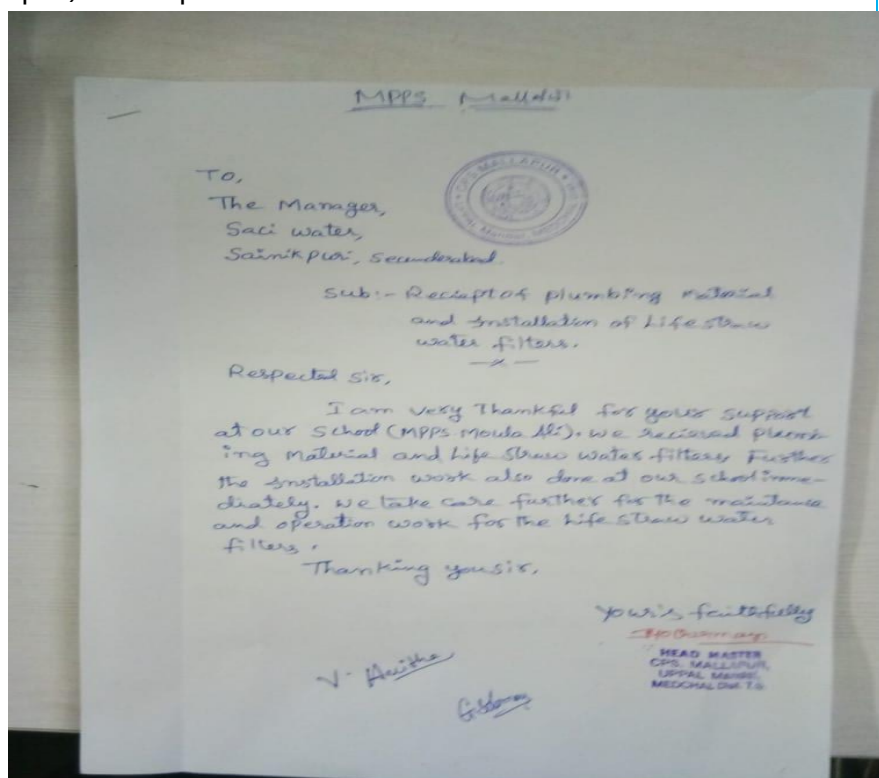
	<p>Every month the Mallapur (MPPS) Head Master along with other teachers contributions shelled out around Rs 2500/- to Rs 3000/- for purchase of water bubbles for students and teachers drinking water purposes.</p>
<p>WASH situation:</p> <ul style="list-style-type: none"> • <i>What are the current facilities?</i> • <i>Where do people collect water from?</i> • <i>Where do they go to the toilet?</i> • <i>Impacts of lack of WASH services on people's lives.</i> • <i>What was the situation earlier?</i> • <i>Is it better now? How?</i> 	<p>Water: MPPS Mallapur do not have the presence of water source within the school premises. Since MPPS & ZPHS Mallapur are located in a same premises infrastructure is being shared. This school is purchasing RO bubbles for drinking water purposes and also most of the students are carrying their own water bottles from homes. Prior to our intervention, in the Mallapur (MPPS) school RO plants were defunct and were depending on purchase of RO bubbles. In MPPS, Mallapur school students are drinking water directly from the source.</p> <p>So SaciWATERS with support from WaterAid has provided Lifestraw water filters for providing access to safe and clean drinking water to all the students in this school.</p> <p>Sanitation: In Mallapur (MPPS) schools there is toilet facility for the students along with a dedicated sanitary worker in place. The toilets are not clean and the toilets are cleaned daily once in the morning. There is no separate toilet facility for the teachers and also there is no common toilet as well. This school has running water connection to the toilets. And recently SaciWATERS with the support from WaterAid have been trying to provide good sanitation facilities in the toilets and urinals.</p> <p>Hygiene:</p> <ul style="list-style-type: none"> • There is also hand washing station facility in the school with 2 functional taps fixed at the hand washing stations. • Health check ups and de – worming programmes is done in this school and also there are no nutritional supplements provided to the school students in this school. • Solid waste is disposed in the school by burning. • Drainage of the school is connected directly to the main drain of the village. • In this schools, there are IEC signages and wall paintings that are displayed on 5 key hygiene messages to promote hygienic behaviour among students and to practice it in their daily life.

Quotes/ important messages shared

Similarly Life straw water filters units were installed in the following identified TCHFL schools (In schools wherever the allocations have been made). A total of 3478 Children have gained access to safe drinking in schools with installation of Lifestraw filters in the below mentioned table.

Schools List with LifeStraw Water Filters Installations					
S.No	School Name	Units	Boys	Girls	Total Strength
1	MPPS, Moulali	3	214	272	486
2	MPPS, Mallapur	3	179	213	392
3	ZPHS Neredmet	4	385	404	789
4	MPPS, Balajinagar	2	146	152	298
5	MPPS, Dammaiguda	2	160	160	320
6	ZPHS, Dammaiguda	2	321	365	686
7	MPPS, Devendarnagar	2	98	115	213
8	MPUPS, Thirumal nagar	2	153	141	294
Total		20	1656	1822	3478

Construction of rain water harvesting structure connected with sump in MPPS (Mallapur) is completed.



<p>Role of WaterAid or Partner NGO in his/her life</p>	<p>With the intervention of SaciWATER's and WaterAid in Mallapur (MPPS) school visible and gradual increase in the students access to safe and clean drinking water is full filled.</p> <p>After thorough investigation of the physical water infrastructure in Mallapur (MPPS) school, team from SaciWATER's along with an Engineer have delved into all the details and come up with a conclusion to donate 3 Lifestraw water filters to Mallapur (MPPS) which has an over all strength of 392 (Boys – 179, Girls – 213). With the capacity building and strengthening of Child cabinets, SMCs and teachers on their roles and responsibilities through inculcating leadership qualities and proactive engagement in effective Operation & Maintenance of the Lifestraw water filters installed in the school.</p>
<p>Achievements/ impacts on his/her life through this intervention</p>	<p>Since Lifestraw water filters is installed in the school (Mallapur, MPPS) all the 392 students have gained access to safe and clean drinking water. This created an impactful behavioural change in the young minds of the child cabinet members to maintain the lifestraw water filters with complete onus and responsibility. Another striking aspect about the water filters installations is that the Head Master along with co – teachers in the school have readily agreed to take care of the O & M of the installed lifestraw water filters with the help of the child cabinet members with the amount that they have been using for the purchase of RO bubbles. Now this amount is being diverted to take care of the O & M requirements of the installed lifestraw water filters.</p>
<p>Any other relevant information</p>	
<p>Please attach:</p> <ul style="list-style-type: none"> • Pictures with captions • Any other document/information 	<p>Format for caption of pictures: who + when + where + why</p>



Photograph: 1 – Lifesraw water filters installations in Mallapur (MPPS) school.



Photograph: 2 – Mallapur (MPPS) school students gaining access to safe and clean drinking water through Lifesraw water filters installations in Mallapur (MPPS) school.