Opportunity 1: Accessibility of a hand washing station for children

- Possible solutions:
 - Adding a low level sink, soap dispenser, and mirror for children this will allow easier access for children to wash their hands on their own accord
 - Currently there is use of a stool to allow for children to have easier access to the adult sink. Adding a low level sink will be a long-term goal.
 - Mirror about R110
 - Soap dispenser about R91.30



- Range of cost for installation of sink is unknown contact plumber that works with Langrug WaSH team
- Physical space of children sink on the right or left side of the current sink in the WaSH facility

Opportunity 2: Area for children to play or be engaged while they attend the facility with their parents or family members

- Possible solutions:
 - Create a small playground area outside of the WaSH facility
 - This can be located between WaSH facility and storage shed, which is visible from the inside of the facility.

- Refer to the 2013 MGV team's park catalog for appropriate equipment in terms of sizing and space.
- This is a long-term solution and requires much more research and funding in the future.

Opportunity 3: Overall hygiene of the children in Langrug

- Possible solutions:
 - A small pool for water play/bathing located outside of the WaSH facility
 - Although this appears to be a simple solution, it is important to note that our group has determined this to not be the best option. If open sores and wounds are submerged into water, it is very easy to spread germs and bacteria. If chemicals are put into the pool to inhibit this spreading, we fear children will consume the chemicals whether on purpose or accidentally.
 - o Install a movable showerhead to the outside of the WaSH facility
 - Parents will help children shower and clean themselves outside the facility. This is necessary for situations such as a male parent unable to help his young female daughter in the female shower. This will also promote the use of the WaSH facility at a young age and teach children how to clean properly.
 - To implement this change, a faucet watering system with a drain must be installed on the outside of the facility. There is currently only a cut open hose where nothing can be attached.
 - Currently, we do not know the pricing for someone to install faucet on the outside of the facility – contact with WaSH plumber necessary for pricing
 - A shower head has already been purchased at a local hardware store in
 Observatory Prof. Jiusto has pricing of the shower head on the receipt

Opportunity 4: Start branding the WaSH facility

- Currently, there is no branding of the facility in Langrug not all members of the settlement know of its existence. For the WaSH facility to become more known to the community of its existence and services, a sign can be created for the facility. Having matching posters in crèches and around the settlement will also promote the facility.
 - The more people and children who know about the facility, it can lead to better hygiene and lifestyles being maintained.
- The sign can be made with plywood and paint, and then hung on the fence in front of the facility.
 - Plywood will vary from store to store
 - Paint will vary from store to store

Hangers – will vary from store to store

Opportunity 5: Health Clinic in Settlement

- Possible solutions:
 - Red Cross medical clinic visit to the WaSH facility
 - Provide training to the care takers and other interested community members
 - Provide first aid and informational packet on how to use supplies
 - Possible contact to connect with Red Cross or to run a clinic David's, owner of Batho's Place, wife is receiving appropriate nurse and health training

Opportunity 7: Rope for bringing children from the crèches to WaSH facility

- Purchase a rope and plastic rings for each crèche to help the teachers bring all children of crèche down to WaSH facility once/twice a day in a safe and orderly fashion.
 - With each child holding onto the plastic rings tied into/onto the rope at all times, they
 will stay in a single line. This will help them all stay together and be within eyesight of
 the teacher.
 - o Plastic Rings can be purchased from Mambos Plastic Warehouse
 - Rope cost: about R170.00 from Amazon with shipping from China

