

Volunteer Report Rain Tree Foundation



Name: Stefan Geiger

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Project: Closed showering room and clean water for Moken

We were planning to build some showering rooms and a sand filter for the Moken living on the Island of Koh Payam in May this year. Because of high waves we couldn't deliver all the building materials from Ranong to the Island. However, in the month of August we start again to make this needful project happen. I went to Ranong and bought all the materials like stones, concrete, wood and roof panels to build a strong roof, lasting for long time. We had to buy some PVC parts and water tanks for the sand filter. Sand and stones like as for filter media too. Color for paint the walls and make it more attractive for the Moken people, was on our shopping list as well. We hired some people with a boat to send all the items to the Island Koh Payam. When we have arrived to Koh Payam we had already some local people helping us to unload the boat, this people also the construction team as well. We started next day to mark the area for the new showering rooms and immediately we start to clear it and plant the corner poles. Next we build the walls and two water tanks inside for taking shower. We had to build one more room with roof for the water tanks and water filter. For pumping up the water to the filter and storage tank we decide to create a bicycle water pump system. We just installed a common water pump and run it with a bicycle. This kind of water pump solution can deliver about 100 liters of water using just 5 minutes of exercise. After everything done we got a nice looking and very comfortable showering room with clear water.

Stefan Geiger

Clear the area



Building up the walls



Finished shower room



Building for water filtration and storage



Bicycle driven water pump



Water tank with clear water and overflow secure

