

Plasterer Data information – Based on 5 Plasterers

Using information given to us by the user of Smart Sinks Tool Washing station that has had 5 users at a time using the system (the recommended maximum users per unit is 5).

For **1 person** using a unit for **1 day's work** – (using average minimum flow rate of 18 litres per minute from domestic water supply). It takes approximately 5 minutes tool washing/wash and uses around 90 litres per wash and washing 5 times a day.

1 Week = 5 workdays **1 Year = 231 workdays** **Average Hourly Rate = \$65 per hour**

Smart Sinks uses 60 litres to run and recycle and those 60 litres can last a week!

WATER USAGE – COST SAVING

- **1 person** washes on average 5 plastering boxes and tools per day using around 450 Litres.
- **5 people** washing tools via tap would use 2,250 litres a day / Smart Sinks 60 litres per day– immediate **SAVING 2,190 litres per day.**
- **5 People** washing tools via tap would use 11,250 litres a week - Smart Sinks 60 litres per week – **SAVING 11,190 litres per week.**
- **5 people** washing tools via tap would use 519,750 litres a year -Smart Sinks 2,820 litres per year – **SAVING 516,930 per year.**

TIME SAVING - COST SAVING (multi-level building site)

- **1 person** takes an average of 15-20 minutes for each tool wash cycle - including travelling to and from the worksite to the basement to used shared washout facility (pre- COVID restrictions). With restrictions to the number of people per lift, on many sites this time has increased significantly.

Assuming an **average of 5-8 minutes of actual wash time** (66% travel time: 33% wash time), and an **average of 5 wash-ups per day** Smart Sinks **saves an average of between 50-75 minutes per person/per day** travelling to a from a central wash facility.

- **5 people a day washing tools:**
 - **CENTRAL WASH FACILITY:** 15-20 minutes per wash and 5 washes a day is 375/500 minutes per day total tool wash time (including unproductive travel time)
 - **SMART SINKS UNIT** at the work site **saves 250/375 minutes daily**

- **5 people a week washing tools everyday:**
 - **CENTRAL WASH FACILITY:** equates to 1,875/2,500 minutes a week washing tools (31.25hrs/41.66hrs)
 - **SMART SINKS UNIT** at the work site **saves 20.8hrs/31.25hrs per week** in unproductive time travelling to and from the central wash facility.

- **5 people a year that is 231 work days for each person washing tools:**
 - **CENTRAL WASH FACILITY:** equates to 86,625/115,500 minutes a year washing tools (**1,443.75hrs/1,925hrs**)
 - **SMART SINKS UNIT** at the work site **saves 962.5hrs/1283hrs per year** in unproductive time travelling to and from the central wash facility.

MONEY SAVING – yes, yes, yes!

Smart Sinks consumables cost for an average year: \$4,573.21

WAGE COST SAVINGS by people using 1 Smart Sinks Unit.

- **1 person** - using 1 Smart Sink unit = 1 day could **save \$54.00/ \$81.00 per day**
- **5 people** - using 1 Smart Sink unit = 1 day could **save \$270.00/ \$406.00 per day**
- **5 people** - using 1 Smart Sink unit = 1 week could **save \$1352.00/ \$2031.00 per week**
- **5 people** - using 1 Smart Sink unit = 1 year could **save \$62,563/ \$83,395.00 per year**

So, based on the average savings calculated by a Smart Sinks customer using data from actual work sites, even after the **cost of purchasing the Smart Sinks unit** and the **cost of consumables for the year** the estimated **saving in first year will be approximately \$51,806.00/\$82,991.00**, followed by an **average saving of approximately \$62,370.00/\$93,555.00** for each following year as you own the Smart Sinks Unit.