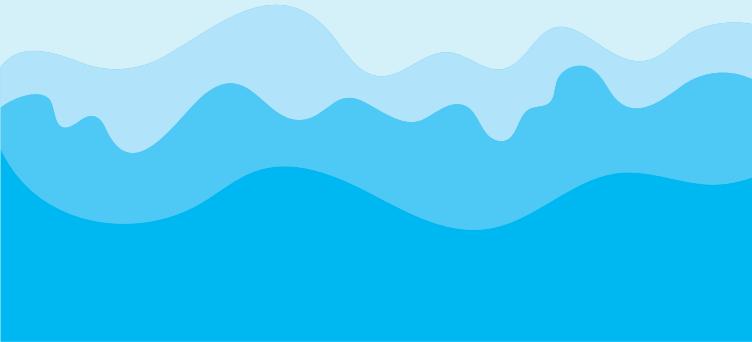


RAINWATER HARVESTING

Kan chenna khawvelah hian tui hi tam hle mah se, a thianghlim hi chu a tlem em em a, ruahui kan dawn bak hi chu tui thianghlim chu tlem te a ni. Ruahui pawh lei a thlen tlak a lui tuiah emaw a luan luh tawh chuan kan chet dan phung thianghlim tawk loh vangtein bawlhhlawh tam tak luiah luan luhpui thinin kan lui tuite pawh a tibawlhhlawh thin a ni. Chu vang chuan ruahuiin lei a thlen hma a lo lak khawm hi thil tha leh tangkai tak a ni.

Mizoramah chuan ruahui hi state dangte aiin kan kan dawng tha em em a, chuvangin van malsawm ruahui kan dawnte hi kan khawl khawm thiam chuan tui thianghlim hnianghnar takin kan nei thei dawn a ni.



Rainwater Harvesting (RWH) han tih hian ruah tui tla leia luang ral tur lo khawl khawm hi a ni. Ruahui leia a lo tlakin leiin a lo eiral a, lei hnuiai tui a zuk finin lei hnuai tui te a tipung thin a ni. Heihi **ground water recharge** tih a ni. Ruahui luang ral mai tur kan khawl khawm hian thatna tam tak a nei a, chu'ngte chu a then chauh han tarlang i la:

- Tui thianghlim hman tur awlsam takin min pe
- Tuihawk kawng bo a vengin lui tuia bawlhhlawh tam tak a luan luhpui tur a titlem bawk
- Ruahuiin kan lei chunglang tam tak a luan ral pui tur a ti tlem
- Leihnuai tui a tipung
- Irrigation atan



Ruahui khawl khawm dan:

- **Roof top rainwater harvesting (RTRWH):** Hei hi inchunga ruahui tla lo dah khawl a ni.



- **Surface runoff harvesting:** Heihi ruahui kawng bo kan tih mai, kawr leh lui tuia a luan luh hma a lo khuapin emaw, lo la pengin, hei hi lei chhungirla luhtirin (*ground water recharge*) emaw, thlai tui atan emaw, tih thianghlim hnuah kan mamawh hun atan te a hman leh theih a ni. *Ground water recharge* chu khur siam (trenching) leh thing phun hmang tein a tih theih a ni.

Ruahui khawl khawm dan chi hrang hrang zingah **RTRWH** hi han thlur bing deuh bik ta i la:

- Ruahui hi tui dang kan hmuhna hnarrang hrang te aiin a thianghlimin he'ng bacteria leh organic matter te hi a awm lo a ni
- RTRWH hi a awlsamin a hautak lo a, mi zawng zawngin an tih theih a ni
- Awlsam takin kan kawt kaiah tui thianghlim min pe
- Ruahui luang ral tur tam tak kan hmang tangkai
- Inchunga ruahui tla lo khawl hi lei a thlen hnu khawl aiin a thianghlim zawk a ni

RTRWH hi thil ho te, mitinin a kan thiam leh tih theih niin a hautak lo hle bawk a ni. Kan in chung hi ruahui lo tla dawngtu (catchment area) atan hmangin, ruahui lo tla khawmte hi tui-dawn (gutter) emaw, remchang dang hmangin kan la khawm thei a ni. He'ng kan lak khawmte hi a tui dahkhawl na zem(water tank) ah pipe hmangin emaw, thil dang hmangin emaw kan dah lut nghal thei a ni.

**RTRWH atana hriat tur pawimawh
zual deuh deuhte:**

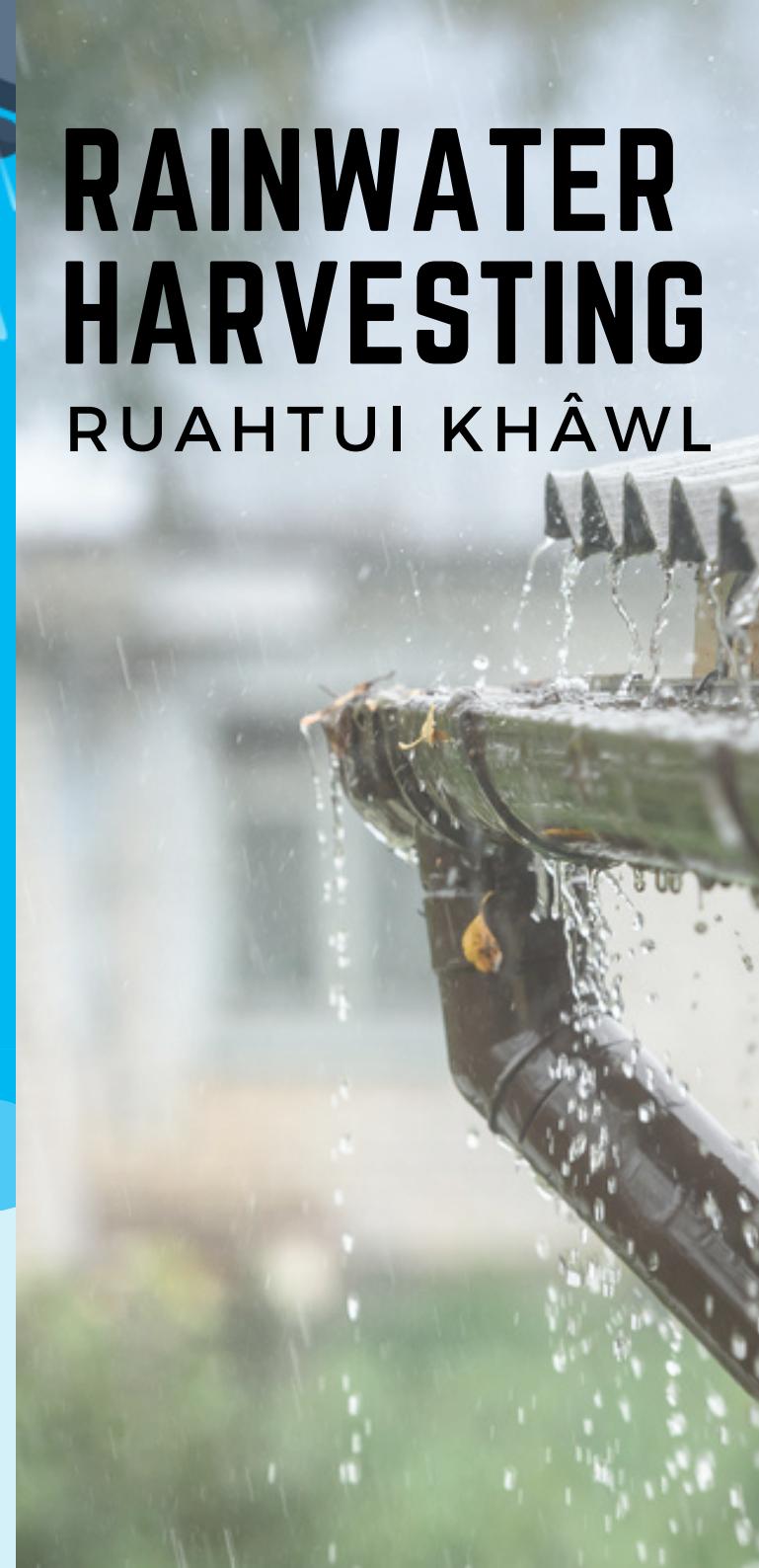
- In chung a thianghlim tur a ni a, lei nawi leh thil dang a awm tur a ni lo
- In chungah chemicals, thir tui-ek te leh in chhung tih faina hmanrua detergent chi hrang hrang te dah loh tur a ni
- Sava leh rannung ten bu an nei tur a ni lo
- In chungah intiarna siam loh tur
- Ruahui tla hmasa reng reng chu paih hmasak tur a ni
- A dah khawl na (water tank) kan tifai thin tur a ni



*Ruahtui khawltu chuan
Malsauumna a khaul
khawm a ni*



**WATER & SANITATION SUPPORT ORGANISATION
(WSSO)**
Public Health Engineering Department
Government of Mizoram



**RAINWATER
HARVESTING**
RUAHTUI KHÂWL