

RAINWATER HARVESTING TECHNIQUES
(RUAHTUI SENGKHAWM DAN KALHMANG)

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Water Harvesting Techniques

Fur ruahtui tlate hi ruahtui tamna hmunah chuan thlai chawmnaa tantangkai taka hmantheih a ni a. Ruahtui dahkhawl hmanghian thlai thar chhuah pawh nasa takin a pung thei bawk. Ruahtui dahkhawl dan hi hmun hrang hrangah a tihdan a in ang lo deuh mah se a tum chu thuhmun vek tho ani-chu chu tui luangral tur ven leh vawnthat/dahkhawl hi a ni.

Tui dah khawlna tualchhung miten an lo tihdan chi hranghrang a awm a, chungtechu:

- A. In situ Rainwater harvesting (Hmun leh hmuna tui dahkhawl)
- B. Surface storage (lei chunglang a tui luangral tur ven leh dah khawl)
- C. Perennial surface /sub-surface water storage(Thal laia tui hna kang lo dahkhawl)
- D. Rooftop rainwater harvesting (In chung a ruahtui tla dah khawl)

Enge Rainwater harvesting chu?

Rain water harvesting tih chu In chung a ruahtui tlate, ram leh hmun zau zawk a ruahtui tla seng khawl emaw lak khawl hnua hmanraw mawl leh awlsam zawk a, a dahthatnaa dah leh hi a kawk thei ang. Chu kan tui dah khawl chu – thlaileh thing chawmna atan te, ranvulh ei leh in atan te kan hmang nghal bawk ani.

Rainwater Harvesting pawimawhna / tangkaina

- Nitina tui mamawhna pung chho zel puhruk turin
- Tui luang ral mai mai tur tih tlem nan
 - Lei hnuaia tui tih thata a lo tam lehzual nan
 - Lei chunglang kal ral tur ven nan
 - Phai leh hmun hniam lama tuilian a tlem nan

Rainwater Harvesting Techniques

1. In situ rainwater harvesting
2. Rainwater / Direct rainwater Harvesting
 - In chung tui hman chawp atana dah khawlna siam
 - Leihnuai tui tih tamna atana In chung tui dah thatna/seng khawlna siam
 - Tui dah khawlna siam leh laihchhuah tuikhur siam
 - Tank
 - Check dam lehtuiluannakuangvenhimna

- Nalabunding
- Dil
- Terracing
- Thlaileh thing hmangatuiluangdannasiam
- Contour Farming
- Plastic emawthlaihnahtawihturathlaikhuh
- Thukzawkaleileh

Rooftop Rainwater Harvesting

Inchungaruahitlarenngreng hi a far dawnnaleh a luannaturisiamintuizemah dah luhvektheihania , a bawlhhlawhloh nan filter siam a, filter kaltlangintuichudawhmaitur a ni.

Chutiangatatuikandakhawl/lakkhawltechuinahmanatanlehthlaichawmnaatan ahmanlehtheiha ni.Chubak ah tuidakhawlte hi lei hnuaichungatuihnasiamlehnaatantepawh a tangkainghalbawh a ni.

Tuidakhawl na siamlaia hriattur pawimawhte:

- Inchung mam tha hi tuilunnaatan a pawimawhhe.
- Thingnahtlalehsavaek in a tihbawlhhlawhloh nan inching zarhliatu thing a awmtur a nilo.
- Tuizemchuhmunthianghlimlehfailaiah dah a, chin phuitlatur a ni.
- Ruahtui a tlak tam taktakhmainlehrahtuitem a tlakhnuahinchungchutihfai a, tuidahnazempawhchutlenfaiphawttur a ni.
- Tuizematuiluhnachu a filter siama, a khattawkatihfai thin tur a ni

A tangkainate

- Inchungtuitladawnkhawl na hihmanrawmawltakhmanginawlsam taka siamtheihani.
- A siamnabakahaenkawlzuinasenso hi a tlemhle.
- Ruahtuiawmtawhloh hnuahtuidakhawlte hi inahmanchawpattanlehthlaituipekatante a tangkaihle
- Chhungkawmamawhzat a zirintuizemchu duh angtiatasiammaitheih a ni.

