



Ukujamisela Ipompo Yehlathi Yesikhuphukeli Sephayiphu Edlulisa Amanzi (Usebenzisa Ipoto Yennyawo Ezintathu)

Remove and replace the riser main.

Written By: iRobot

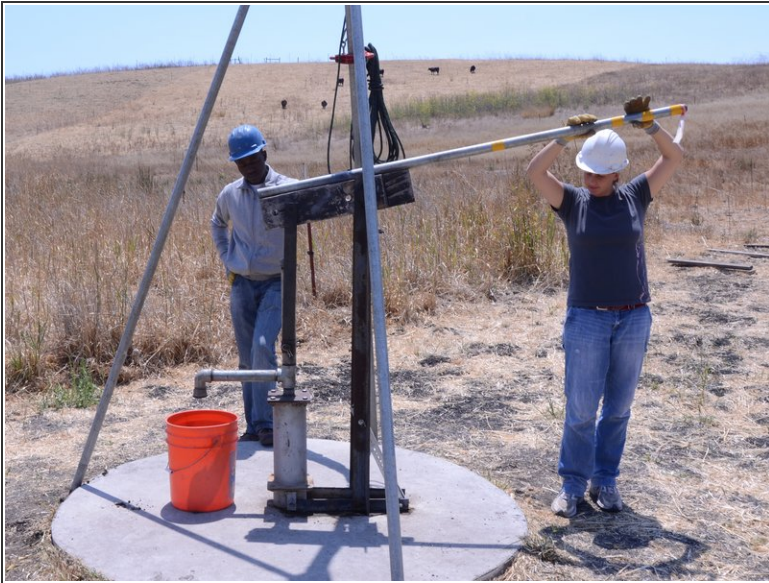


INTRODUCTION

Landela umhlahandlela lo ukususa iingaba zesikhuphukeli sephayiphu edlulisa amanzi esuka epompeni yehlathi. Ungasusa soke isikhuphukeli sephayiphu edlulisa amanzi bona usijamisele nanyana ulungise isigaba esaphukileko.

Umhlahandlela lo usebenzisa isizo lepoto yennyawo ezintathu ukuphakamisa isikhuphukeli esidlulisa amanzi. Ingasebenzisa ngelinye ihlandla iphakamiswe kusebenziswa iimpanere kodwana ipoto yennyawo ezintathu evumela isenzekwesi bona senziwe babantu ababili. Thlogomela nawusebenzisa ipoto yennyawo ezintathu.

Step 1 — Head and Handle (Ndembele)



- Linga ukusebenza kwepompo ngokupompa amahlandla ama-40.

☑ Ipompo ekungiyi fanele ibuyise nanyana malitha ali-10.

Step 2



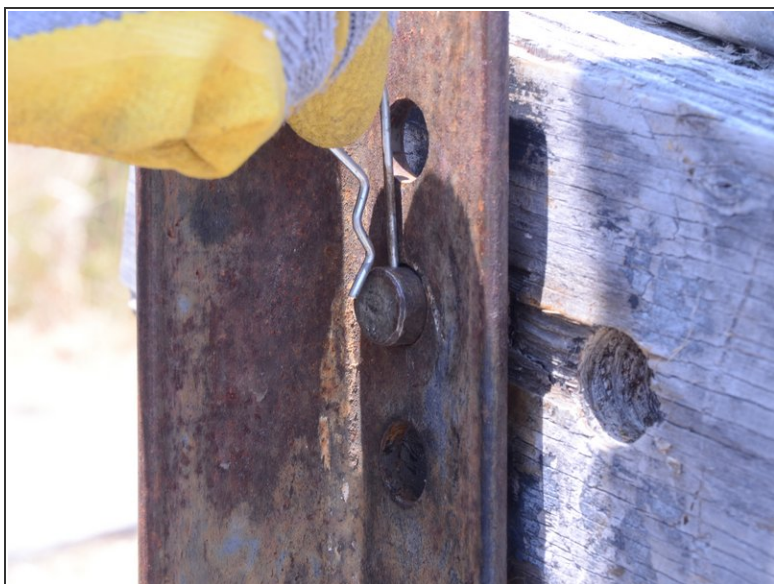
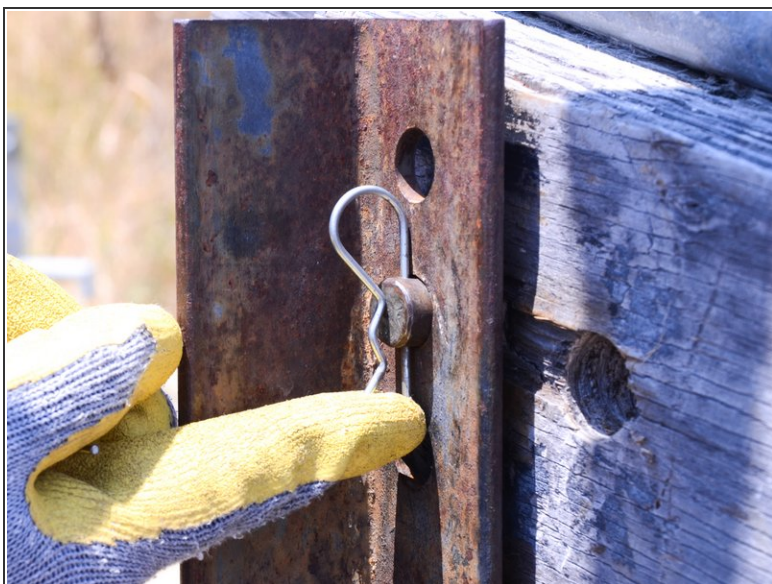
- Susa amaphini amabili ahlanganisa isibambo esitjhelelini.

Step 3



- Dosa iimbambo ezimbili zomgqala kude nesitjheleli.

Step 4



- Phakamisa amaphini amabili abambene nesakhelelo sepompo nesibambo siyephezulu, kususela esakhelweleni sepompo.

Step 5



- i** Ngokuya ngegadangweli, yenza mbala bona ulekelela isibambo nehloko ngananyana ngezandla ezintathu.

 - Tjhelelisa ibheringhi yentonga ngaphandle kwehloko.
- i** Hlola ibheringhi yentonga nehloko ukobana ayikasinyeki nanyana ayikarathuki.

Step 6



- Susa ihloko nesibambo, uzibeke endaweni ehlwengekileko ukuvimbela ukusilaphazeka.

Step 7 — Riser Main Slider (Ndembele)



- Ngokuqina phakamisa isikhuphukeli sephayiphu edlulisa amanzi, ngezandla zombili.

 Thlogomela ukobana ungawisi isikhuphukeli sephayiphu edlulisa amanzi ngombana lokho kungona ipompo nesilinda.

Step 8



- Sebenzisa isipanere sephayiphu ukulenza ligedle ubungaphezulu bephayiphu esikhuphukeleni.

Step 9



- Phakamisa isitjheleli nesikhuphukeli nephayiphu edlulisa amanzi.
- Beka ipompo nentonga bese uyayiqinisa kuzungeza intonga, uyibophe uyiqinise hlangana nepompo nentonga.
- Ngokutjheja yehlisa isikhuphukeli nephayiphu edlulisa amanzi nesitjheleli ukuvumela bona izithekghe phezu kwentonga kuqina.

Step 10



- Gedlisa bese ususa zombili ipompo nentonga bese uminyezele endaweni encani ngokungasikinyeki imbumbulu phezu kwesitjheleli.

Step 11



- Susa ingaphezulu lesikhuphukeli sephayiphu edlulisa amanzi, bese uyihlola bona ayikasinyeke nanyana ayikarathuki.
- Beka isitjheleli endaweni enelanga ukwenzela bona ingasilaphazeki.

Step 12 — Above Grade Riser Pipe (Ndembele)



- Susa ngaphezu kwebanga wesikhuphukeli sephayiphu.
- Ngokuqinileko krufela isibambo saka-T phezu kwepompo yentonga.
- ① Nawujamisela iphayiphu elidlulisa amanzi nesikhuphukeli ngaphezu kwephasi, lisa isibambo se-T sibambelele kufikela ulungele ukufaka esinye isitoki esijamiselako.

Step 13 — Spout (Ndembele)



- Sebenzisa isikrufu sephayiphu ukugedlisa nokususa itjhubhu yepompo
- ⓘ Hlola itjhubhu bona ayithikamezeki nanyana isilaphazeke.
- Beka itjhubhu endaweni ehlwengekileko ukuvimbela ukusilaphazeka.

Step 14 — Riser Main (Ndembele)



- Beka isikrufu sinye phezu kwepompo yesikhuphukeli sesitja samabowhudu.
- Beka esinye isikrufu kuzungeza ngaphasi kwebhowudu.
- Dosa iinkrufu uzihlukanise bona zigedlise amabhowudu.
- ⓘ Buyelela isenzekwesi emabhowudwini amathathu aseleko.

Step 15



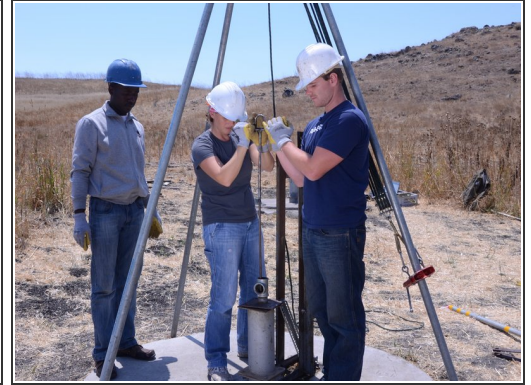
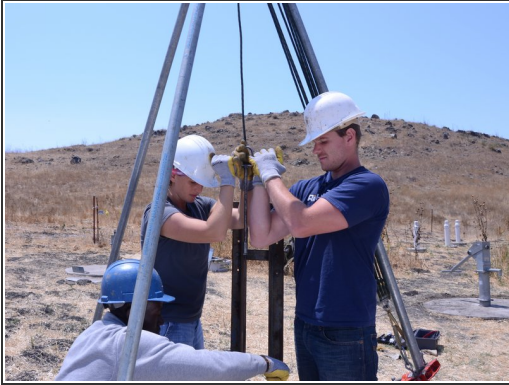
- Susa iimbumbulu ezine namabhowudu avikele isikhuphukeli sepompo sesitja uzibeke esiphathweni esibona ilanga esinjenge bakhede.

Step 16



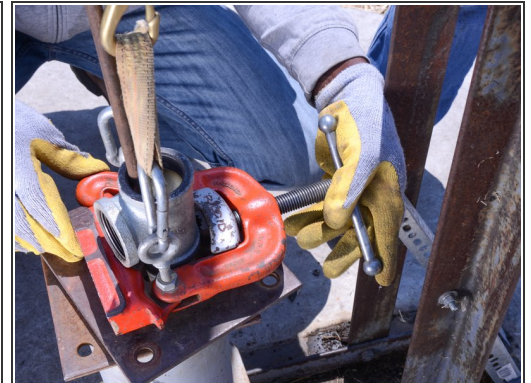
- Zungezisa isitja sepompo amadigri ama-45. Lokho kuzokwenzelela ukubamba okuncono nawuphakamisa isitja.

Step 17



- Ngokuvikela phakamisa isibambo se-T amanungu ambalwa.
- Lokhana abantu ababili basekela isibambo se-T, susa ipompo yentonga.
- Yehlisa isibambo se-T ngokusihlenga ipompo yentonga ikwazi ukuzijamele.

Step 18



- ① Umhlobo lo wepompo usebenzisa ipoto yeninyawo ezintathu nesivimbo noku tjhewa ukuphakamisa isikhuphukeli sephayiphu edlulisa amanzi. Isikrufu se-C singasebenziswa ukuphakamisa isikhuphukeli sephayiphu edlulisa amanzi.
- Ngokuvikela bamba bese uqinise isikhuphula phayiphu esikhuphukeleni sephayiphu edlulisa amanzi ngaphasi kwetjhuba letjhubhu.

Step 19



- Ngokutjheja ungaphunyukelwa yintambo, sebenzisa isivimbo netjhewa ukuphakamisa isikhuphukeli sephayiphu edlulisa amanzi kufikela isikhuphula phayiphu sifikelele isivimbo netjhewa.

Step 20



- Na isikhuphukeli sephayiphu edlulisa amanzi sifikelele isivimbo netjhewa, vikela ingaphasi bese uqinise hlangana nesikhuphukeli sephayiphu edlulisa amanzi.

Step 21



- Vikela umphasi ngokuqinisa esakhelelweni esiphasi usebenzise ibhowudu.
- ❗ Ibhowudu yinye yanele ukubamba umphasi ukuqinisa umphakathi, ungangeza ngenye ibhowudu nawufuna ukuyiqinisa.

Step 22



- Nawusasekela umphezulu we phayiphu, ngokutjheja khambisa isikhuphula kuqinisa kude nephayiphu.
- Yehlisa isikhuphula kuqinasa bese ugedlisa ukuya ehlabathini ukuvimbela iintambo bona zirarane esivimbweni netjheweni.

Step 23



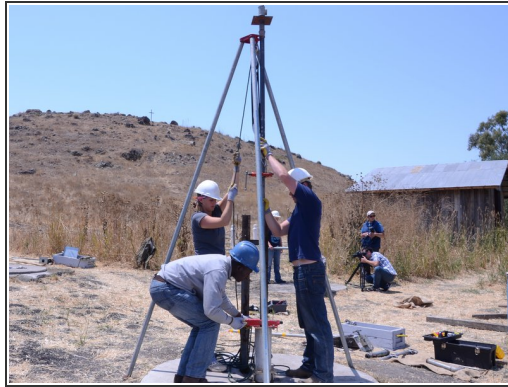
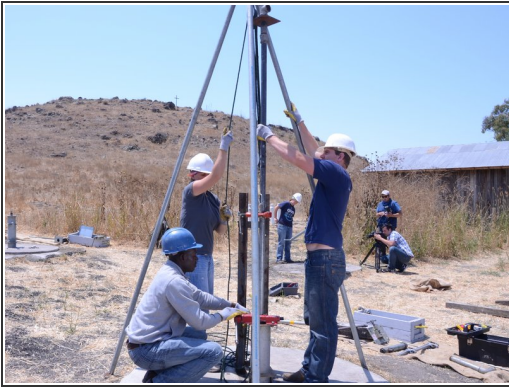
- Bambanisa isikhuphula kuqinisa esikhuphukeleni sephayiphu edlulisa amanzi eduze naphasi ngokukhhonekako.

Step 24



- Na isikhuphula kuqinisa siqinileko, yenza ukugedla entambeni.
- Nawugedlisa iintambo usekela isikhuphukeli, gedlisa umphasi kuqinisa.

Step 25



- Sebenzisa intambo ukudosa isikhuphukeli sephayiphu edlulisa amanzi phezulu kabuthaka.
- ⚠ Ynza mbala bona intambo ihlangana nepoto yennyawo ezintathu ukuvikela ipoto yennyawo ezintathu ingaweli phasi.
- ⚠ Qala umphezulu wepoto yennyawo ezintathu bona ulinganele nesikhuphukeli sephayiphu edlulisa amanzi bona ibe seskhaleni esisekelako.

Step 26



- Susa ukuqinisa esikhuphukeleni sephayiphu edlulisa amanzi bese ubuyelela amagadango ama-23 ukuya kwama-25 kufikela isihlanganisi sembuqe.

Step 27



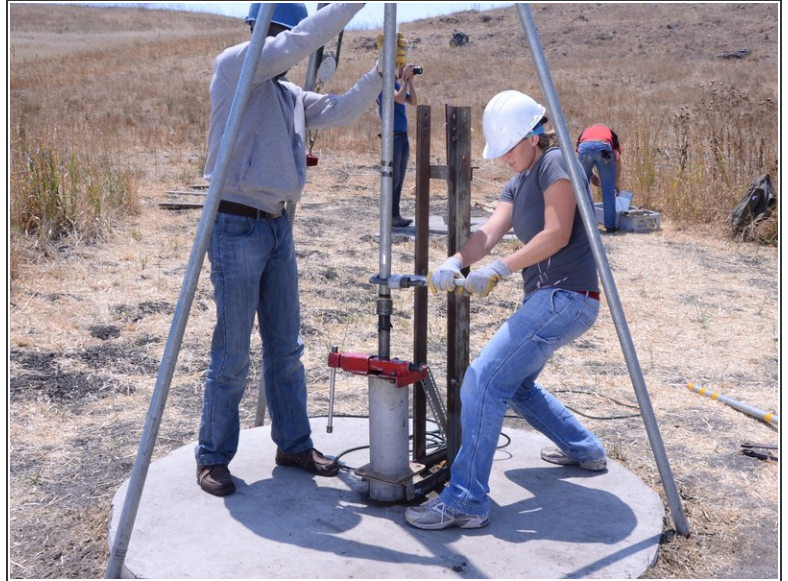
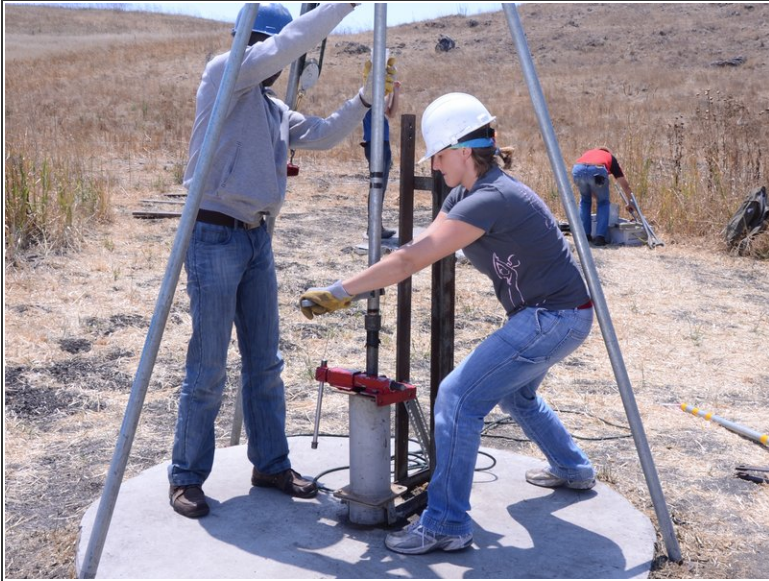
- Na isihlanganisi sokuthoma siveziwe, qinisa umphasi ngaphasi kwesihlanganisi.

Step 28



- Susa isikhuphula kuqinisa ukusuka esikhuphukeleni sephayiphu esidlulisa amanzi bese uvikela epotweni yennyawo ezintathu ukuyisusa endleleni.

Step 29



- ❗ Phatha isikrufu sephayiphu amanungu ambalwa ngaphezu kwesihlanganisi egadangweneli.
- Usebenzisa isikrufu sephayiphu, uyasikrifulula esigabeni sokuthoma sesikhuphukeli phayiphu edlulisa amanzi ehlanganweni.

Step 30



- Vikela ipetjhe yegadi phezu kwesihlanganisi ukuvikela amanzi bona arhatjheke na innhlanganisi zehlukanisiweko.
- Usebenzisa isikrufu sepompo, gedlisa isikhuphukeli sephayiphu edlulisa amanzi fikela amanzi athome ukuthulukela ngaphakathi kwepetjhe yegadi.
- ❗ Unga gedlisi kuya phambili kufikela amanzi ajame ukuphuma.

Step 31



- Susa ipetjhe yegadi bese uqedelela ukugedlisa isikhuphukeli sephayiphu edlulisa amanzi.
- Susa isigaba sokuthoma sesikhuphukeli sephayiphu edlulisa amanzi ngokuyiphakamisa ijame ilinganisele, bese usekela umphezulu wesigaba bese ubeka ipompo uyisekele esikhaleni phezulu kwepoto yeninyawo ezintathu.

Step 32



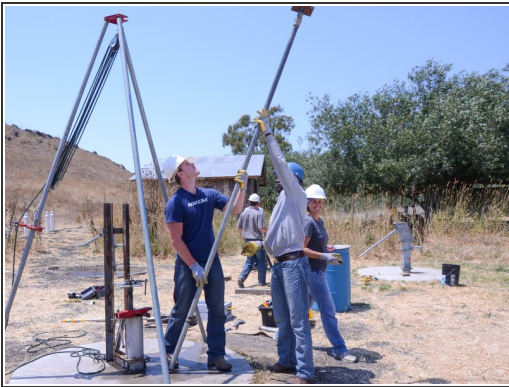
- Bambanisa bese uqinisa intonga amanungu ambalwa ngaphasi kwentonga yepompo yokuthoma ebambeneko.

Step 33



- Usebenzisa inkrufu ze-C, krufulula intonga yepompo engcenyeni eseleko.
- Na isihlanganisi sahlukene, ngokutjheja yehlisa isikhuphukeli sephayiphu edlulisisa amanzi ehlabathini.

Step 34



- Ngokutjheja yehlisa isikhuphukeli sephayiphu, ukuyaphezulu, bese ubeka endaweni enelanga, kuhle uyisame ngaphezu kwehlabathi, ukuvikela ukusilaphazeka.

Step 35



- Susa isibambo se-T kusuka epompeni yentonga ehlukanisiweko.
- Bambanisa isibambo se-T epompeni yentonga eseleko.
- ① Susa intonga eqinileko bese ubuyelela amagadango ama-29 ukuya kwama-35 fikela isikhuphukeli sephayiphu edlulisa amanzi sisuke soke, nanyana isigaba esaphukileko sifikelelwe.

Ukuhlanganisa iinsiza ohlose ukuzisebenzisa landela amagadango ngendlela yasamva.