

REPUBLIKA Y'U RWANDA



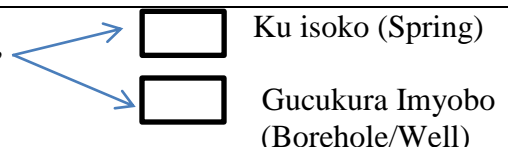
MINISITERI Y'UMUTUNGO KAMERE
IKIGO GISHINZWE AMAZI N'AMASHYAMBA MU RWANDA

IFISHI YO GUSABA URUHUSHYA RWO KUVOMA AMAZI Y'IKUZIMU (A)

Ingingo ya 32, 34, 35, Itegeko N°62/2008 ryo ku wa 10/09/2008 rigena uburyo bwo gukoresha, kubungabunga, kurengera no gucunga neza umutungo w'amazi

Ingingo ya 6, 9 Iteka rya Minisitiri N°002/16.01 ryo ku wa 24/05/2013 rigena imenyekanisha, itangwa ry'impushya n'imbago ku bikorwa byerekeye ikoresheya ry'amazi

UMWIRONDORO W'USABA URUHUSHYA	IBISOBANURO BIRAMBUYE
1. Amazina (mu nyuguti nkuru)	
2. icyiciro cye (Umuntu, Isosiyete(Company), Umuryango(Organization), Koperative, Ikigo, ibindi (bisobanure)	
3. Nimero y'indangamuntu/pasiporo iyo ari umuntu cyangwa icyemezo cyo kwiyandikisha/Icyemezo cy'ubuzimagatozi ku masosiyete, imiryango n'amakoperative	Omekaho kopi
Aho abarizwa	
1. Agasanduku k'Iposita	
2. Umujyi, Intara, Akarere, Umurenge, Akagari,	

Umudugudu	
3. Telefone igendanwa	
4. Telefone yo mu biro	
5. Aderesi ya interineti	
Uwundi muntu twakubarizaho	
1. Amazina ye yuzuye	
2. Nimero y'indangamuntu/pasiporo	
3. Umujyi, Intara, Akarere, Umurenge, Akagari, Umudugudu	
4. Telefone igendanwa	
5. Telefone yo mu biro	
6. Aderesi ya interineti	
AMAZI ASABIRWA URUHUSHYA	IBISOBANURO BIRAMBUYE
Hitamo aho amazi usabira uruhushya aturuka	Ikidendezi cy' ikuzimu 
Aho ikidendezi cy' ikuzimu gihereye (Umujyi, Intara, Akarere, Akagari, Umudugudu)	Omekaho ikarita igaragaza aho uzacukura amazi
Izina ry'Icyogogo n' icyiciro (cya mbere n' icya kabiri)	
Inimero iranga ahacukurwa niba izwi Borehole/Well ID	

ICYO AMAZI AZAKORESHWA						
Hitamo akazu kamwe cyangwa twinshi uko bikwiye		<input type="checkbox"/>	Kuhira imyaka	<input type="checkbox"/>	Ubucukuzi bw'amabuye y'agaciro	
		<input type="checkbox"/>	Inganda	<input type="checkbox"/>	Ubworozi bwo mu mazi	
		<input type="checkbox"/>	Gukwirakwiza amazi	<input type="checkbox"/>	Kubyaza amazi ingufu z'amashanyarazi	
		<input type="checkbox"/>	Ibindi (sobanura)			
Ingano y'amazi azavomwa kuri buri gikorwa	Igikorwa	Amazi ku Isogonda (muri metero kibe)	Amenshi ku munsu (muri metero kibe)	Amenshi ku kwezi (muri metero kibe)	Amenshi ku mwaka (muri metero kibe)	Amasaha amazi azavomwa ku munsu
	1.					
	2.					
Yose hamwe						
Rebera ku rutonde rwometse kuri iyi fishi utange amakuru asabwa ajyanye na buri gikorwa uteganya gukoreshamo amazi						
Uburyo bwo gupima ingano y'amazi avomwa						
Ingaruka igikorwa giteganijwe gishobora gutera (nziza cyangwa mbi)						
Ibikorwa biteganijwe byo gukumira, gukemura, kugabanya ingaruka mbi zagaragajwe						
Igihe uruhushya rusabwa ruzamara						
IBISOBANURO BY'UMUSHINGA			IBISOBANURO BIRAMBUYE			
Tanga ibisobanuro birambuye by'umushinga wawe, bikubiyemo uburyo amazi azavomwa, ibisobanuro ku bikoresho bizifashishwa, imirimo y'ubw'ubwubatsi, ahazacukurwa, n'ishusho rusange y'uburyo uzashyira mu			Omekaho impapuro n'inyandiko za ngombwa			

bikorwa umushinga.	
Aho umushinga uherereye (Umujyi, Intara, Akarere, Akagari, Umudugudu)	Omekaho ikarita igaragaza neza aho amazi azakoresherezwa

IBISOBANURO KU MYOBO ICUKURWA

Ibisobanuro birambuye ku myobo icukurwa	Ubwoko	Imyobo icukurwa ibitiyo n'amasuka (hagati ya 10 m -30m)	Imyobo icukurwa hakoreshejwe kohereza itiyo mu nda y'isi kugera aho amazi ari (hagati ya 30 m -50m)	Imyobo icukurwa n'imashini (kuva kuri 50m kujyana hejuru)	
	Igihe gucukura bimara:	Gutangira		Kurangiza	
	Ibipimo:	Ubujoyakuzimu (m)	Umurambararo w'umwobo (mm)	Amazi yabonetse kuri (m)	Ingano y'amazi ari mu mwobo (m ³)
Ibijyanye no gukurura amazi hakoreshejwe ipompo	Ubwoko bw' ipompo	Uburebure ikururaho amazi [head (m)]	Amazi izakurura ku isogonda kuri ubwo burebure (m ³ /s)	Amasaha ipompo izakora ku munsu	Amazi azaboneka nyuma y'ayo masaha (muri litiro/metero kibe)

AMAKURU AJYANYE NA NYIR'UBUTAKA

Ese uri nyir'ubutaka bwose bw'aho amazi azacukurwa n'aho azakoresherezwa	<input type="checkbox"/> Yego	<input type="checkbox"/> Oya
Niba igisubizo cyawe ari Oya, waba ufite inzira/uburenganzira byanditse cyangwa warahawe uruhushya rwanditse na nyir'ubutaka cyangwa amasezerano y'ubukode akwemerera gukorera kuri ubwo butaka?	Umekaho inyandiko zibigaragaza	
Niba nta nzira cyangwa uruhushya rukwemerera gukoresha ubutaka ufite, tanga amazina ya ba nyir'ubutaka ibikorwa byawe bizagiraho ingaruka n'aho baherereye, unasobanure uburyo uzakoresha kugirango ubone ubwo burenganzira.	Amazina ya nyir'ubutaka: Umujyi/Intara: Akarere: Umurenge: Akagari: Umudugudu: Nimero ya Pariseri:.....	

URUTONDE RW'AMAKURU KU GIKORWA GITEGANYIJWE (B)

IKITONDERWA: Amakuru asabwa hano ashirwa ku mugereka utangwa hamwe n'ifishi yo gusaba uruhushya

AMAZI AKENEWE N'IKORESHWA RYAYO

KUHIRA IMYAKA						
Ubwoko bw'igihingwa		Uburyo gihingwa (mu murima, mu nzu, mu mazi)	Uburyo bukoreshwa mu kuhira	Icyigereranyo cy'amazi azakenerwa (metero kube kuri hegitari ku munsu)	Ubuso bw' ahazuhirwa hose (muri hegitari)	Icyigereranyo cy'amazi yose azakenerwa kugeza igihingwa gisaruwe (mu gihe nta mvura yaguye)
Ubwoko	Igihe cy'imikurire (amezi)					
	Guhera					
Igiteranyo cyose						
Ububiko bw'amazi, niba buteganyijwe (Ikidendezi (dam), ikigega, ibindi)						
Igikoresho			Ubunini (muri metero kube)			
Omekaho amashusho agaragaza uko amazi azayobya yerekeza mu mirima izuhirwa						
Ni irihe janisha ry'amazi azayobya kubera ibikorwa by'ubuhinzi?						
Sobanura imirimo y'ubwubatsi izakorwa mu kuyobya , kuvoma , kuyobora amazi ku butaka buzuhirwa						
Ni gute amazi utazakoresha uzayasubiza mu yandi. Tanga izina ry'umugezi amazi azasubiramo						

GUKWIRAKWIZA AMAZI		
	Umubare	Ingano y'amazi akenewe (muri metero kube)
Umubare w'abaturage bazahabwa amazi (umubare w'abantu/umubare w'ingo)		
Ikigereranyo cy'amazi akoreshwa n'umuntu umwe (metero kube ku munsu)		
Amazi akenewe ku munsu (umubare w'abantu×		

metero kibe zikoreshwa n'umuntu umwe ku munsu)		
Amazi azavomwa ku munsu angana iki (muri metero kibe)		
Ubwoko n'umubare w'ibikoresho bibikwamo amazi		
Ubushobozi (ubunini) bw'ibikoresho bibikwamo amazi (muri metero kibe)		
Ingano y'amazi akenewe yose (muri metero kibe)		

UBWOROZI HAKORESHEJWE AMAZI							
Ubwoko bw' ibyororwa							
Ibyuzi	Ese ibyuzi byubatswe mu mazi atemba cyangwa hanze y'amazi?					Yego	Oya
	Uburebure (metero)	Ubugari (metero)	Ubuso (metero kare /hegitari)	Ubunini bw' icyuzi (muri metero kibe)	Ingano y'amazi azavomwa cyangwa azayobywa (muri metero kibe)	Ingano y'amazi azasubira mu mugezi (metero kibe ku munsu) Azasubira mu (Izina ry' umugezi)	
Ubworozi bwo mu mazi atemba	Ubuso bw' ahakorerwa ubworozi (metero kare/hegitare)		Ikigereranyo cy'amazi atakara mugihe cy'izuba (ubushyuhe) bitewe n'uko yahindutse umwuka (metero kibe ku munsu)			(Byerekane mu buryo bw'imibare)	

IKORESHWA RY' AMAZI MU NGANDA	
Ubwoko bw'uruganda (hitamo urwo arirwo rwose uko bikwiye)	
Gutunganya ibiryo	
Gupakira imboga, indabo n'imbutu	
Gukora imiti y'ubutabire	

Gutunganya amazi yo kunywa	
Gukora ibinyobwa bisembuye n' ibidasembuye	
Gutunganya imbuto n'imboga hagamijwe kubibika igihe kirekire	
Ibindi (sobanura)	
Amazi akenewe	
Amazi akenewe mu gutunganya (processing) (metero kibe ku munsi)	
Amazi akenewe mu gusukura ibikoresho (metero kibe ku munsi)	
Amazi akenewe mu yindi mirimo (metero kibe ku munsi)	
Amazi akenewe yose hamwe (metero kibe ku munsi)	

KUBYAZA AMAZI INGUFU Z'AMASHANYARAZI		
1. Ingufu z'amashanyarazi uruganda ruzatanga (ubushobozi bw'uruganda)		
2. Intera amazi amanukaho kugirango atange ingufu z'amashanyarazi ku byiciro bikurikira uvuye ku mugezi (Ubutumburuke):	Ubutumburuke bwo hasi (muri metero)	Ubutumburuke bwo hejuru (muri metero)
3. Intera nyayo izakoreshwa muri 1. haruguru	Metero	
4. Amazi azakoreshwa muri 1. haruguru	Metero kibe ku isogonda	
5. Ingano y'amazi azayobywa	(metero kibe)	
6. Ni gute amazi azasubira mu mugezi?		
7. Vuga uburebure bw'umuyoboro amazi azacamo asubira mu mugezi	metero	
8. Intera iri hagati y'ikidendezi (dam) n'uruganda	metero cyangwa kirometero	
9. Haba hari undi muntu ukoresha		

amazi kuri iyo ntera?	
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UBUCUKUZI BW'AMABUYE Y'AGACIRO	
Amazi akenewe mu gutandukanya amabuye y'agaciro n'ibitaka bisanzwe (metero kibe ku munsi)	
Amazi akenewe mu koza ibikoresho (metero kibe ku munsi)	
Amazi yose akenewe (metero kibe ku munsi)	

IMIRIMO Y'UBWUBATSI MU KUVOMA NO GUKORESHA AMAZI (Guhindura imitembere y'amazi no kubaka inyubako zo kuyobya amazi mu mazi)	
Impamvu zo kubaka	
Ibisobanuro by'umushinga wo kubaka (ibikoresho, ingano, gucukura imyobo, uburyo bwo kubaka, ibikoresho bitaramba, n'ibindi)	
Igihe imirimo y'ubwubatsi mu mazi izamara	
Imihindagurikire y'amazi mu gihe cy'ubwubatsi	
Ikarita igaragaza imbibi n'imiterere y'ahagenewe ubwubatsi	
Ibishushanyo cyangwa amakarita bigaragaza impinduka cyangwa inyubako byari biteganijwe nyuma y'uko imirimo y'ubwubatsi irangira	
Ibisabwa mu kuyobya amazi gusa	
Amakarita yerekana aho amazi afatirwa n'aho asohokera (intake and discharge)	
Tanga ibishushanyo/amashusho bigaragaza ibipimo, ibikoresho, ibitembo n'ibindi bikoresho [ibifunga n'ibifungura amazi	

<p>(valves), ibigenzura amazi asubira inyuma (backflow control devices), mubazi (meters) n'ibindi]. Shyiramo ubushobozi bw'ipompo n'ibikoresho bibika amazi. Erekanaga ku buryo bugaragara imiterere isanzwe y'aho hantu n'impinduka ziteganyijwe</p>					
<p>Tanga ibishushanyo/amashusho bigaragaza uko ibikoresho byo gufata amazi bizacomekwa (intake structures), werekane aho amazi agarukira (stream level) mu bihe bitandukanye. Garagaza icyerecyezo cy'amazi, umuvuduko (m/s), ibipimo birambuye n'uko ibikoresho byo kuyobya amazi (diversion structures) bizateranywa</p>					
<p>Aho intangiriro yo kuyobya amazi iherereye</p>	<p>Aho afatirwa (intake)</p>	<p>Amazi atemba ku isogonda (m³/s)</p>	<p>Ikerekezo Amajyaruguru/ Amajyepfo (Latitude)</p>	<p>Ikerekezo Iburasirazuba/ Iburengerazuba (Longitude)</p>	<p>Ubutumburuke Elevation (m)</p>
<p>Aho amazi atangirira kwisuka</p>	<p>Aho asohokera/yisuka (discharge)</p>	<p>Amazi atemba ku isogonda (m³/s)</p>	<p>Ikerekezo Amajyaruguru/ Amajyepfo (Latitude)</p>	<p>Ikerekezo Iburasirazuba/ Iburengerazuba (Longitude)</p>	<p>Ubutumburuke Elevation (m)</p>