

D2. Liste des ressources en eau de la Province de l'Est

2.1 District du Nyagatare

2.2 District du Gatsibo

2.3 District du Kayonza

2.4 District du Rwamagana

2.5 District du Ngoma

2.6 District du Kirehe

2.7 District du Bugesera

Liste des Codes

District

Province de l'Est	Ny	Nyagatare
	Ga	Gatsibo
	Ka	Kayonza
	Rw	Rwamagana
	Ng	Ngoma
	Ki	Kirehe
	Bu	Bugesera
Province de le Nord	Gi	Gicumbi

Secteur

<i>District Nyagatare</i>	
Ny01	Gatunda
Ny02	Karama
Ny03	Karangazi
Ny04	Katabagemu
Ny05	Kiyombe
Ny06	Matimba
Ny07	Mimuli
Ny08	Mukama
Ny09	Musheri
Ny10	Nyagatare
Ny11	Rukomo
Ny12	Rwempasha
Ny13	Rwimiyaga
Ny14	Tabagwe

<i>District Gatsibo</i>	
Ga01	Gasange
Ga02	Gatsibo
Ga03	Gitoki
Ga04	Kabarore
Ga05	Kageyo
Ga06	Kiramuruzi
Ga07	Kiziguro
Ga08	Muhura
Ga09	Murambi
Ga10	Ngarama
Ga11	Nyagihanga
Ga12	Remera
Ga13	Rugarama
Ga14	Rwimbogo

<i>District Kayonza</i>	
Ka01	Gahini
Ka02	Kabare
Ka03	Kabarondo
Ka04	Mukarange
Ka05	Murama
Ka06	Murundi
Ka07	Mwiri
Ka08	Ndego
Ka09	Nyamirama
Ka10	Rukara
Ka11	Ruramira
Ka12	Rwinkwavu

<i>District Rwamagana</i>	
Rw01	Fumbwe
Rw02	Gahengeri
Rw03	Gishari
Rw04	Karenge
Rw05	Kigabiro
Rw06	Muhazi
Rw07	Munyaga
Rw08	Munyiginya
Rw09	Musha
Rw10	Muyumbu
Rw11	Mwulire
Rw12	Nyakariro
Rw13	Nzige
Rw14	Rubona

<i>District Ngoma</i>	
Ng01	Gashanda
Ng02	Jarama
Ng03	Karembo
Ng04	Kazo
Ng05	Kibungo
Ng06	Mugesera
Ng07	Murama
Ng08	Mutenderi
Ng09	Remera
Ng10	Rukira
Ng11	Rukumberi
Ng12	Rurenge
Ng13	Sake
Ng14	Zaza

<i>District Kirehe</i>	
Ki01	Gahara
Ki02	Gatore
Ki03	Kigarama
Ki04	Kigina
Ki05	Kirehe
Ki06	Mahama
Ki07	Mpanga
Ki08	Musaza
Ki09	Mushikiri
Ki10	Nasho
Ki11	Nyamugali
Ki12	Nyarubuye

<i>District Bugesera</i>	
Bu01	Gashora
Bu02	Juru
Bu03	Kamabuye
Bu04	Mareba
Bu05	Mayange
Bu06	Musenyi
Bu07	Mwogo
Bu08	Ngeruka
Bu09	Ntarama
Bu10	Nyamata
Bu11	Nyarugenge
Bu12	Rilima
Bu13	Ruhuha
Bu14	Rweru
Bu15	Shyara

Source de l'eau

Ss	Source
Sb	Forage (eau souterraine)
Sl	Lac
Sr	Rivière

Ouvrage hydraulique

Ps	AEP
Hp	Pompe manuelle
Sp	Source aménagée
EW	Ouvrage hydraulique existant
MP	Ouvrage hydraulique du Plan directeur
PP	Ouvrage hydraulique du Projet prioritaire

D2. Liste des ressources en eau de la Province de l'Est

2.1 District du Nyagatare (1/4)

No	Source Code No.	Name of Source	Type	Latitude			Longitude			Location				Discharge (lit/s)	*Note
				°	'	"	°	'	"	District	Secteur	Cell	Umudugudu		
1	Gi00Sr01	Gihengeri (Gicumbi) Filt. Plant	River	-01	31	16.99896	30	10	38.97380	Gicumbi	Gihengeri				
2	Ny06Sr01	Intake (Nyabweshongwezi)	River	-01	03	49.26951	30	24	56.09981	Nyagatare	Matimba				
3	Ny06Sr02	Filt Plant & Tank	River	-01	04	42.02179	30	24	58.74796	Nyagatare	Matimba				
4	Ny09Sr01	Ntoma-Kijijojo	River	-01	09	53.63265	30	20	46.31541	Nyagatare	Musheri				
5	Ny09Sr02	Filt Plant & Tank	River	-01	10	01.77474	30	21	42.46326	Nyagatare	Musheri				
1	Gi00Ss01	Gihengeri	Spring	-01	26	55.89476	30	10	57.69911	Gicumbi	Ghengeri				
*2	Ny05Sr01	Ngoma-B Intake Plant	River	-01	24	43.75728	30	05	26.73229	Nyagatare	Kiyombe			11.8	Improvement Planned
3	Ny05Sr02	Tovu Plant	Spring & River	-01	23	26.17955	30	07	52.93548	Nyagatare	Kiyombe				
4	Ny05Sr03	Kiyombe Intake Plant	Spring & River	-01	26	04.74537	30	06	34.10277	Nyagatare	Kiyombe				
5	Ny05Ss01	Intake F. Cyaganju-Cyondo-Muhambo	Spring	-01	28	51.78550	30	07	59.62403	Nyagatare	Kiyombe	Kabungo	Kabindi	14.22	
1	Ny01Ss01		Spring	-01	25	43.48327	30	10	09.56509	Nyagatare	Gatunda	Nyangara	Ramiro		
2	Ny01Ss02		Spring	-01	26	33.38191	30	09	55.38955	Nyagatare	Gatunda	Nyangara	Ryanyabukwende		
3	Ny01Ss03		Spring	-01	26	11.27461	30	09	53.92034	Nyagatare	Gatunda	Nyangara	Ryanyabukwende		
*4	Ny02Ss01		Spring	-01	22	10.05262	30	08	15.09377	Nyagatare	Karama	Ndego	Rubanda		Replacement Planned
5	Ny02Ss02		Spring	-01	22	08.24303	30	09	09.07145	Nyagatare	Karama	Ndego	Kababanda		
6	Ny04Ss01		Spring	-01	28	14.03103	30	17	08.87905	Nyagatare	Karagazi	Katabegemu	Kagogo		
7	Ny05Ss02	Tovu	Spring	-01	29	18.30075	30	08	23.33905	Nyagatare	Kiyombe	Kabungo	Mataba		
8	Ny05Ss03		Spring	-01	29	19.57533	30	08	22.95281	Nyagatare	Kiyombe	Kabungo	Mataba		
9	Ny05Ss04		Spring	-01	25	46.98083	30	06	23.12697	Nyagatare	Kiyombe	Kabungo	Bitare		
10	Ny05Ss05		Spring	-01	23	26.59022	30	07	52.71429	Nyagatare	Kiyombe	Tovu	Gashuro		
11	Ny05Ss06		Spring	-01	23	31.30112	30	07	42.84953	Nyagatare	Kiyombe	Tovu	Gashuro		
12	Ny05Ss07	Gishuro	Spring	-01	28	02.61981	30	08	25.02703	Nyagatare	Kiyombe	Kajumba	Gishoro		
13	Ny05Ss08		Spring	-01	23	06.45002	30	06	42.66609	Nyagatare	Kiyombe	Karambo	Rwakashande		
14	Ny05Ss09		Spring	-01	24	04.84922	30	07	20.82642	Nyagatare	Kiyombe	Karambo	Rugarama		
15	Ny07Ss01		Spring	-01	28	15.16229	30	14	08.71769	Nyagatare	Mimuli	Bibare	Nyaruziba		
16	Ny07Ss02		Spring	-01	28	32.37855	30	11	03.25068	Nyagatare	Mimuli	Gakoma	Rusororo		
17	Ny07Ss03		Spring	-01	27	06.41915	30	12	30.98647	Nyagatare	Mimuli	Mahoro	Cyambwana		
18	Ny08Ss02		Spring	-01	26	51.24059	30	11	01.19456	Nyagatare	Mukama	Kagina	Cyabahurura		
19	Ny13Ss01		Spring	-01	16	32.89271	30	10	17.80071	Nyagatare	Rwimiyaga	Gishuro	Nyagatare		
20	Ny13Ss02		Spring	-01	19	18.85922	30	10	12.72168	Nyagatare	Rwimiyaga	Shonga	Nyakanoni		
21	Ny13Ss03		Spring	-01	18	42.12798	30	10	29.29130	Nyagatare	Rwimiyaga	Shonga	Nyakanoni		
22	Ny13Ss04		Spring	-01	19	00.45498	30	10	48.68045	Nyagatare	Rwimiyaga	Shonga	Nyakigando		
23	Ny13Ss05		Spring	-01	18	41.20101	30	12	02.04638	Nyagatare	Rwimiyaga	Nyagatoma	Mutungisa		
24	Ny13Ss06		Spring	-01	19	45.45171	30	10	25.64135	Nyagatare	Rwimiyaga	Shonga	Moshonga		
25	Ny13Ss07		Spring	-01	17	14.10432	30	12	28.04020	Nyagatare	Rwimiyaga	Tabagwe	Tabagwe		
1	Ny03Sb01	Karangazi Hp01	Groundwater	-01	23	38.84876	30	23	00.87835	Nyagatare	Karangazi	Mbare	Kajumu		
2	Ny03Sb02	Karangazi Hp02	Groundwater	-01	23	00.64498	30	24	53.97671	Nyagatare	Karangazi	Kamate	Bugarama		
3	Ny03Sb03	Karangazi Hp03	Groundwater	-01	23	30.81772	30	23	19.20233	Nyagatare	Karangazi	Mbare	Mbare		
4	Ny03Sb04	Karangazi Hp04	Groundwater	-01	22	04.72887	30	25	57.65198	Nyagatare	Karangazi	Kamate	Kamate		
5	Ny03Sb05	Karangazi Hp05	Groundwater	-01	25	11.69406	30	23	42.06129	Nyagatare	Karangazi	Kizirakome	Rwiyemera		
6	Ny03Sb06	Karangazi Hp06	Groundwater	-01	24	30.00871	30	24	54.31919	Nyagatare	Karangazi	Ndama	Akanyeli		
7	Ny03Sb07	Karangazi Hp07	Groundwater	-01	24	42.85445	30	25	37.50635	Nyagatare	Karangazi	Ndama	Ndama		

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2.1 District du Nyagatare (2/4)

8	Ny03Sb08	Karangazi Hp08	Groundwater	-01	25	22.19642	30	27	21.78339	Nyagatare	Karangazi	Ndama	Rwaharamba		
9	Ny03Sb09	Karangazi Hp09	Groundwater	-01	24	51.80793	30	28	07.31181	Nyagatare	Karangazi	Nyamirama	Akayange		
10	Ny03Sb10	Karangazi Hp10	Groundwater	-01	24	14.45146	30	23	07.82581	Nyagatare	Karangazi	Rwirabo	Karangazi		
11	Ny03Sb11	Karangazi Hp11	Groundwater	-01	23	15.01576	30	23	43.41614	Nyagatare	Karangazi	Rwisirabo	Gakoma		
12	Ny03Sb12	Karangazi Hp12	Groundwater	-01	20	42.36390	30	27	13.02755	Nyagatare	Karangazi				
13	Ny04Sb01	Katabagemu Hp01	Groundwater	-01	25	22.00541	30	21	56.44297	Nyagatare	Katabagemu	Mbare	Mbare		
14	Ny04Sb02	Katabagemu Hp02	Groundwater	-01	28	15.83851	30	17	06.60175	Nyagatare	Katabagemu	Bayigaburire	Agasasa		
15	Ny04Sb03	Katabagemu Hp03	Groundwater	-01	29	10.69065	30	16	04.11990	Nyagatare	Katabagemu	Bayigaburire	Byimana		
16	Ny04Sb04	Katabagemu Hp04	Groundwater	-01	25	45.90148	30	20	35.32482	Nyagatare	Katabagemu	Kaduha	Nbiyonza		
17	Ny04Sb05	Katabagemu Hp05	Groundwater	-01	27	36.16702	30	17	02.25446	Nyagatare	Katabagemu	Katabagemu	Nyabwunyu		
18	Ny04Sb06	Katabagemu Hp06	Groundwater	-01	27	42.40085	30	19	37.51162	Nyagatare	Katabagemu	Nyakiganda	Byimana		
19	Ny04Sb07	Katabagemu Hp07	Groundwater	-01	28	35.79857	30	18	17.38290	Nyagatare	Katabagemu	Rubira	Igitego		
20	Ny04Sb08	Katabagemu Hp08	Groundwater	-01	28	15.53102	30	18	51.08218	Nyagatare	Katabagemu	Rubira	Isangano		
21	Ny04Sb09	Katabagemu Hp09	Groundwater	-01	26	28.85327	30	18	26.57748	Nyagatare	Katabagemu	Rutoma	Kabeza		
22	Ny04Sb10	Katabagemu Hp10	Groundwater	01	29	59.09111	30	19	02.85761	Nyagatare	Katabagemu	Rubira	Igitego		
23	Ny06Sb01	Matimba Hp01	Groundwater	-01	10	16.65667	30	25	18.65370	Nyagatare	Matimba	Bwera	Ntoma		
24	Ny06Sb02	Matimba Hp02	Groundwater	-01	03	53.14185	30	27	13.24059	Nyagatare	Matimba	Kimbogo	Kabeza		
25	Ny06Sb03	Matimba Hp03	Groundwater	-01	08	44.37654	30	25	45.19761	Nyagatare	Matimba	Bwera	Bwera		
26	Ny06Sb04	Matimba Hp04	Groundwater	-01	08	01.44286	30	26	42.15627	Nyagatare	Matimba	Bwera	Rugaga		
27	Ny06Sb05	Matimba Hp05	Groundwater	-01	03	32.16007	30	27	48.28868	Nyagatare	Matimba	Kagitumba	Muvumba		
28	Ny06Sb06	Matimba Hp06	Groundwater	-01	05	47.31776	30	26	27.12195	Nyagatare	Matimba	Kanyonza	Gakoma		
29	Ny06Sb07	Matimba Hp07	Groundwater	-01	04	18.41027	30	26	58.27567	Nyagatare	Matimba	Kimbogo	Kagera		
30	Ny06Sb08	Matimba Hp08	Groundwater	-01	07	11.50589	30	26	12.25933	Nyagatare	Matimba	Matimba	Rwinyana		
31	Ny06Sb09	Matimba Hp09	Groundwater	-01	03	57.17442	30	24	32.50881	Nyagatare	Matimba	Rwentanga	Kagezi II		
32	Ny06Sb10	Matimba Hp10	Groundwater	-01	03	23.31703	30	27	03.26629	Nyagatare	Matimba	Kagitumba	Muvumba		
33	Ny06Sb11	Matimba Hp11	Groundwater	-01	07	21.02184	30	25	01.49296	Nyagatare	Matimba	Matimba	Matimba IV		
34	Ny06Sb12	Matimba Hp12	Groundwater	-01	05	02.97280	30	24	29.49253	Nyagatare	Matimba	Rwentanga	Kagezi III		
35	Ny06Sb13	Matimba Hp13	Groundwater	-01	04	36.44186	30	24	19.34956	Nyagatare	Matimba	Rwentanga	Kagezi I		
36	Ny09Sb01	Musheri Hp01	Groundwater	-01	08	46.65535	30	22	52.63397	Nyagatare	Musheri	Musheri	Kiyaza		
37	Ny09Sb02	Musheri Hp02	Groundwater	-01	07	45.74650	30	21	00.88956	Nyagatare	Musheri	Kijogo	Kibirizi		
38	Ny09Sb03	Musheri Hp03	Groundwater	-01	04	57.61827	30	23	07.30650	Nyagatare	Musheri	Nyagatare	Gikunyu		
39	Ny09Sb04	Musheri Hp04	Groundwater	-01	05	00.33159	30	22	11.75097	Nyagatare	Musheri	Nyamiyonga	Nyamiyonga		
40	Ny09Sb05	Musheri Hp05	Groundwater	-01	07	41.42245	30	25	03.52192	Nyagatare	Musheri	Rugarama I	Karuca		
41	Ny09Sb06	Musheri Hp06	Groundwater	-01	06	53.06061	30	25	08.26118	Nyagatare	Musheri	Rugarama II	Rebero		
42	Ny09Sb07	Musheri Hp07	Groundwater	-01	06	03.12395	30	24	36.39835	Nyagatare	Musheri	Rugarama	Rwenyana		
43	Ny09Sb08	Musheri Hp08	Groundwater	-01	07	17.88516	30	22	49.75197	Nyagatare	Musheri	Kibirizi	Kibirizi		
44	Ny09Sb09	Musheri Hp09	Groundwater	-01	09	17.43128	30	21	31.73761	Nyagatare	Musheri	Kijojo	Kibirizi		
45	Ny09Sb10	Musheri Hp10	Groundwater	-01	09	48.92055	30	23	31.12079	Nyagatare	Musheri	Kijojo	Kagwegwe		
46	Ny09Sb11	Musheri Hp11	Groundwater	-01	06	40.02085	30	21	23.62299	Nyagatare	Musheri	Nyamiyonga	Cyenore		
47	Ny09Sb12	Musheri Hp12	Groundwater	-01	07	03.55965	30	24	21.23881	Nyagatare	Musheri	Rugarama II	Rwenyana		
48	Ny10Sb01	Nyagatare Hp01	Groundwater	-01	18	08.18821	30	21	58.71091	Nyagatare	Nyagatare	Barija	Barija		
49	Ny10Sb08	Nyagatare Hp08	Groundwater	-01	16	28.37161	30	19	55.98436	Nyagatare	Nyagatare	Nsheke	Nsheke		
50	Ny10Sb09	Nyagatare Hp09	Groundwater	-01	16	54.64576	30	22	09.56209	Nyagatare	Nyagatare	Nsheke	Nyegeza		
51	Ny10Sb10	Nyagatare Hp10	Groundwater	-01	16	38.28918	30	21	37.79431	Nyagatare	Nyagatare	Nsheke	Nyegeza		
52	Ny12Sb01	Rwempasha Hp01	Groundwater	-01	15	29.47241	30	19	34.71743	Nyagatare	Rwempasha	Cyenjojo	Cyenjojo		
53	Ny12Sb02	Rwempasha Hp02	Groundwater	-01	10	59.82029	30	20	54.91977	Nyagatare	Rwempasha	Gasinga	Gasinga		
54	Ny12Sb03	Rwempasha Hp03	Groundwater	-01	11	57.36976	30	23	43.14577	Nyagatare	Rwempasha	Gasinga	Rwibishorogoto		

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2.1 District du Nyagatare (3/4)

55	Ny12Sb04	Rwempasha Hp04	Groundwater	-01	14	47.21797	30	22	34.76232	Nyagatare	Rwemphasha	Kabare	Gituro		
56	Ny12Sb05	Rwempasha Hp05	Groundwater	-01	14	42.21618	30	23	41.33045	Nyagatare	Rwemphasha	Kabare	Gituro		
57	Ny12Sb06	Rwempasha Hp06	Groundwater	-01	09	08.83477	30	18	55.95843	Nyagatare	Rwemphasha	Kazaza	Rukiri		
58	Ny12Sb07	Rwempasha Hp07	Groundwater	-01	13	24.21540	30	16	34.42148	Nyagatare	Rwemphasha	Ryeru	Ryeru		
59	Ny12Sb08	Rwempasha Hp08	Groundwater	-01	14	19.81437	30	18	52.82990	Nyagatare	Rwemphasha	Cyenjojo	Cyenjojo		
60	Ny12Sb09	Rwempasha Hp09	Groundwater	-01	12	03.64613	30	17	26.54431	Nyagatare	Rwemphasha	Cyeru	Cyeru		
61	Ny12Sb10	Rwempasha Hp10	Groundwater	-01	12	33.61821	30	17	35.54366	Nyagatare	Rwemphasha	Cyeru	Cyeru		
62	Ny12Sb11	Rwempasha Hp11	Groundwater	-01	12	46.53787	30	23	30.01368	Nyagatare	Rwemphasha	Gasinga	Nyendo		
63	Ny12Sb12	Rwempasha Hp12	Groundwater	-01	14	12.22479	30	21	40.26412	Nyagatare	Rwemphasha	Kabare	Gituro		
64	Ny12Sb13	Rwempasha Hp13	Groundwater	-01	08	05.35654	30	19	53.60447	Nyagatare	Rwemphasha	Kazaza	Gakindo		
65	Ny12Sb14	Rwempasha Hp14	Groundwater	-01	11	15.48224	30	20	10.85000	Nyagatare	Rwemphasha	Kazaza	Kazaza		
66	Ny12Sb15	Rwempasha Hp15	Groundwater	-01	14	48.62774	30	15	53.53818	Nyagatare	Rwemphasha	Mishenyi	Mishenyi		
67	Ny12Sb16	Rwempasha Hp16	Groundwater	-01	14	27.96400	30	16	07.15307	Nyagatare	Rwemphasha	Mishenyi	Mishenyi		
68	Ny12Sb17	Rwempasha Hp17	Groundwater	-01	09	48.71385	30	18	59.31870	Nyagatare	Rwemphasha	Rugarama	Bubare		
69	Ny12Sb18	Rwempasha Hp18	Groundwater	-01	14	16.55066	30	17	56.67089	Nyagatare	Rwemphasha	Rukorota	Bukonje		
70	Ny12Sb19	Rwempasha Hp19	Groundwater	-01	14	18.65566	30	19	35.39334	Nyagatare	Rwemphasha	Rukorota	Rukorota		
71	Ny12Sb20	Rwempasha Hp20	Groundwater	-01	13	12.95656	30	20	00.96231	Nyagatare	Rwemphasha	Rukorota	Rukorota		
72	Ny12Sb21	Rwempasha Hp21	Groundwater	-01	12	16.00575	30	19	04.30118	Nyagatare	Rwemphasha	Rwempasha	Uwinkiko		
73	Ny12Sb22	Rwempasha Hp22	Groundwater	-01	11	43.17551	30	17	55.08731	Nyagatare	Rwemphasha	Rugarama	Rugarama		
74	Ny13Sb01	Rwimiyaga Hp01	Groundwater	-01	12	54.33988	30	25	21.32750	Nyagatare	Rwimiyaga	Rwimiyaga	Rebero		
75	Ny13Sb02	Rwimiyaga Hp02	Groundwater	-01	18	18.62539	30	25	00.06509	Nyagatare	Rwimiyaga	Gacundezi	Gacundezi II		
76	Ny13Sb03	Rwimiyaga Hp03	Groundwater	-01	18	11.03581	30	25	50.56572	Nyagatare	Rwimiyaga	Gacundezi	Gacundezi II		
77	Ny13Sb04	Rwimiyaga Hp04	Groundwater	-01	18	03.73591	30	24	36.83256	Nyagatare	Rwimiyaga	Gacundezi	Gacundezi II		
78	Ny13Sb05	Rwimiyaga Hp05	Groundwater	-01	17	28.02820	30	25	25.80786	Nyagatare	Rwimiyaga	Gacundezi	Rukundo I		
79	Ny13Sb06	Rwimiyaga Hp06	Groundwater	-01	17	45.52478	30	25	30.90620	Nyagatare	Rwimiyaga	Gacundezi	Gacundezi I		
80	Ny13Sb07	Rwimiyaga Hp07	Groundwater	-01	14	27.19152	30	25	40.71665	Nyagatare	Rwimiyaga	Kabeza			
81	Ny13Sb08	Rwimiyaga Hp08	Groundwater	-01	15	47.00762	30	25	31.60143	Nyagatare	Rwimiyaga	Kabeza	Gatovu		
82	Ny13Sb09	Rwimiyaga Hp09	Groundwater	-01	14	27.15290	30	26	03.00259	Nyagatare	Rwimiyaga	Kabeza	Rukiri I		
83	Ny13Sb10	Rwimiyaga Hp10	Groundwater	-01	15	49.28643	30	25	42.30022	Nyagatare	Rwimiyaga	Kabeza	Rukiri II		
84	Ny13Sb11	Rwimiyaga Hp11	Groundwater	-01	18	29.49799	30	26	35.91007	Nyagatare	Rwimiyaga	Kirebe	Rukindo		
85	Ny13Sb12	Rwimiyaga Hp12	Groundwater	-01	18	24.18722	30	28	06.34772	Nyagatare	Rwimiyaga	Kirebe	Rukindo		
86	Ny13Sb14	Rwimiyaga Hp14	Groundwater	-01	19	02.71447	30	28	21.89381	Nyagatare	Rwimiyaga	Kirebe	Gatebe I		
87	Ny13Sb15	Rwimiyaga Hp15	Groundwater	-01	19	38.57668	30	33	01.43363	Nyagatare	Rwimiyaga	Kirebe	Gatebe II		
88	Ny13Sb16	Rwimiyaga Hp16	Groundwater	-01	16	36.63922	30	28	32.01324	Nyagatare	Rwimiyaga	Kirebe	Kirebe		
89	Ny13Sb17	Rwimiyaga Hp17	Groundwater	-01	18	26.06047	30	26	40.93117	Nyagatare	Rwimiyaga	Kirebe	Rukindo		
90	Ny13Sb18	Rwimiyaga Hp18	Groundwater	-01	12	34.02376	30	26	07.81125	Nyagatare	Rwimiyaga	Ntoma	Gashweno		
91	Ny13Sb19	Rwimiyaga Hp19	Groundwater	-01	12	41.16916	30	25	34.90376	Nyagatare	Rwimiyaga	Ntoma	Gashweno		
92	Ny13Sb20	Rwimiyaga Hp20	Groundwater	-01	18	22.91263	30	22	25.64710	Nyagatare	Rwimiyaga	Nyarupfubire	Kamagiri		
93	Ny13Sb21	Rwimiyaga Hp21	Groundwater	-01	14	59.42309	30	23	42.21880	Nyagatare	Rwimiyaga	Nyarupfubire	Nyakagando II		
94	Ny13Sb22	Rwimiyaga Hp22	Groundwater	-01	13	23.77123	30	23	58.96222	Nyagatare	Rwimiyaga	Nyarupfubire	Rwimiyaga		
95	Ny13Sb23	Rwimiyaga Hp23	Groundwater	-01	17	08.96735	30	22	34.26021	Nyagatare	Rwimiyaga	Nyarupfubire	Kamagiri		
96	Ny13Sb24	Rwimiyaga Hp24	Groundwater	-01	14	34.49142	30	24	00.85479	Nyagatare	Rwimiyaga	Nyarupfubire	Nyakanganso II		
97	Ny13Sb25	Rwimiyaga Hp25	Groundwater	-01	16	58.96378	30	23	33.56707	Nyagatare	Rwimiyaga	Nyarupfubire	Nyarupfubire		
98	Ny13Sb26	Rwimiyaga Hp26	Groundwater	-01	13	49.86161	30	23	05.56480	Nyagatare	Rwimiyaga	Nyarupfubire	Rwimiyaga		
99	Ny13Sb27	Rwimiyaga Hp27	Groundwater	-01	13	09.98253	30	29	41.65167	Nyagatare	Rwimiyaga	Rutungo	Gahagati I		
100	Ny13Sb28	Rwimiyaga Hp28	Groundwater	-01	11	59.03059	30	28	55.97932	Nyagatare	Rwimiyaga	Rutungo	Gahagati II		
101	Ny13Sb29	Rwimiyaga Hp29	Groundwater	-01	12	41.53609	30	29	25.95140	Nyagatare	Rwimiyaga	Rutungo	Gahagati II		

D2. Liste des ressources en eau de la Province de l'Est

2.1 District du Nyagatare (4/4)

102	Ny13Sb30	Rwimiyaga Hp30	Groundwater	-01	11	41.66918	30	27	06.77050	Nyagatare	Rwimiyaga	Rutungu	Bwera		
103	Ny14Sb1	Tabagwe Hp01	Groundwater	-01	17	18.33362	30	14	04.54179	Nyagatare	Tabagwe	Nyabitekeri	Kangoma		
104	Ny14Sb2	Tabagwe Hp02	Groundwater	-01	18	26.58189	30	26	11.51756	Nyagatare	Tabagwe	Nyabitekeri	Kabirizi I		
105	Ny14Sb3	Tabagwe Hp03	Groundwater	-01	18	59.79837	30	15	25.42005	Nyagatare	Tabagwe	Nyabitekeri II			
106	Ny14Sb4	Tabagwe Hp04	Groundwater	-01	15	18.52256	30	14	04.34867	Nyagatare	Tabagwe	Tabagwe	Kararama		
107	Ny14Sb5	Tabagwe Hp05	Groundwater	-01	17	32.45062	30	18	55.80394	Nyagatare	Tabagwe	Gitengure	Nshuli		
108	Ny14Sb6	Tabagwe Hp06	Groundwater	-01	17	35.73365	30	17	01.40021	Nyagatare	Tabagwe	Gitengure	Gitengure		
109	Ny14Sb7	Tabagwe Hp07	Groundwater	-01	18	50.14242	30	13	18.07734	Nyagatare	Tabagwe	Nkoma	Mutugo		
110	Ny14Sb8	Tabagwe Hp08	Groundwater	-01	17	48.40226	30	14	59.32966	Nyagatare	Tabagwe	Nyabitekeri	Kamata		
111	Ny14Sb9	Tabagwe Hp09	Groundwater	-01	17	45.50547	30	14	12.34380	Nyagatare	Tabagwe	Nyabitekeri	Munini		
112	Ny14Sb10	Tabagwe Hp10	Groundwater	-01	19	15.47964	30	12	32.38538	Nyagatare	Tabagwe	Nyagatoma	Runyeri		
113	Ny14Sb11	Tabagwe Hp11	Groundwater	-01	19	25.86944	30	11	17.18482	Nyagatare	Tabagwe	Gashonga	Rwubuzizi		
114	Ny14Sb12	Tabagwe Hp12	Groundwater	-01	17	50.75831	30	18	20.54040	Nyagatare	Tabagwe	Gitengure	Nshuli		
115	Ny14Sb13	Tabagwe Hp13	Groundwater	-01	16	58.01750	30	15	15.30061	Nyagatare	Tabagwe	Gitengure	Nyagasigati		
116	Ny14Sb14	Tabagwe Hp14	Groundwater	-01	16	23.39125	30	16	56.63017	Nyagatare	Tabagwe	Gitengure	Bitibyoma		
117	Ny14Sb15	Tabagwe Hp15	Groundwater	-01	19	53.87170	30	14	42.81798	Nyagatare	Tabagwe	Nkoma	Bibare		
118	Ny14Sb16	Tabagwe Hp16	Groundwater	-01	17	47.97740	30	15	38.78388	Nyagatare	Tabagwe	Nyabitekeri	Kabeza		

D2. Liste des ressources en eau de la Province de l'Est

2.2 District du Gatsibo (1/7)

No	Source Code No.	Name of Source	Type	Latitude			Longitude			Location				Discharge (lit/s)	Note
				°	'	"	°	'	"	District	Secteur	Cell	Umudugudu		
1	Ga01Ss03		Spring	-01	45	09.03367	30	19	12.25010	Gatsibo	Gasange	Gakoni			
2	Ga01Ss04		Spring	-01	44	49.14181	30	18	55.54564	Gatsibo	Gasange	Nyakagezi			
3	Ga01Ss05		Spring	-01	46	47.98606	30	18	45.93767	Gatsibo	Gasange	Gasigati		4	
4	Ga01Ss06		Spring	-01	45	25.51035	30	17	58.15549	Gatsibo	Gasange			3	
5	Ga01Ss07		Spring	?	?	?	?	?	?	Gatsibo	Gasange			4	
6	Ga02Ss01		Spring	-01	35	27.13882	30	16	58.09788	Gatsibo	Gatsibo	Nyabicwamba	Rucumbo		
7	Ga02Ss02		Spring	-01	36	04.66185	30	14	59.15586	Gatsibo	Gatsibo	Nyagahanga	Nyakagarama		
8	Ga02Ss03		Spring	-01	37	45.19963	30	13	21.57280	Gatsibo	Gatsibo	Nyagahanga	Rugarama		
9	Ga02Ss04		Spring	-01	35	33.37657	30	13	43.89736	Gatsibo	Gatsibo	Gatsibo	Hanika		
10	Ga02Ss05		Spring	-01	36	21.69495	30	14	09.83325	Gatsibo	Gatsibo	Gatsibo	Nyarukoni		
11	Ga02Ss06		Spring	-01	36	23.16266	30	14	01.39395	Gatsibo	Gatsibo	Gatsibo	Nyarukoni		
12	Ga02Ss07		Spring	-01	36	18.87541	30	13	40.69159	Gatsibo	Gatsibo	Gatsibo	Nyarukoni		
13	Ga02Ss08		Spring	-01	36	12.73423	30	13	21.86248	Gatsibo	Gatsibo	Gatsibo	Yarukoni		
14	Ga02Ss09		Spring	-01	35	54.42654	30	16	44.32849	Gatsibo	Gatsibo	Kaduha	Ryabakame		
15	Ga02Ss10		Spring	-01	35	04.50527	30	15	45.46580	Gatsibo	Gatsibo	Nyabicwamba	Gatoma		
16	Ga02Ss11		Spring	-01	36	55.33629	30	12	41.15298	Gatsibo	Gatsibo	Nyagahanga	Kizinga		
17	Ga02Ss12		Spring	-01	36	56.95849	30	12	39.78184	Gatsibo	Gatsibo	Nyagahanga	Kizinga		
18	Ga02Ss13		Spring	-01	35	49.28958	30	12	53.86022	Gatsibo	Gatsibo	Nyagahanga	Mangarama		
19	Ga02Ss14		Spring	-01	36	47.03217	30	13	16.84138	Gatsibo	Gatsibo	Nyagahanga	Nyagahanga		
20	Ga02Ss15		Spring	-01	37	24.13034	30	13	21.49525	Gatsibo	Gatsibo	Nyagahanga	Nyagahanga		
21	Ga02Ss16		Spring	-01	38	19.55551	30	13	49.24676	Gatsibo	Gatsibo	Nyagahanga	Nyakibande		
22	Ga02Ss17		Spring	-01	37	52.44159	30	13	33.48825	Gatsibo	Gatsibo	Nyagahanga	Rugarama		
23	Ga02Ss18		Spring	-01	35	59.48626	30	13	14.44671	Gatsibo	Gatsibo	Gatsibo	Nyarukoni		
24	Ga02Ss19		Spring	-01	38	01.24812	30	14	02.75212	Gatsibo	Gatsibo	Manishya	Manishya		
25	Ga02Ss20		Spring	-01	38	42.43408	30	14	39.02621	Gatsibo	Gatsibo	Manishya	Nyagaruhanga		
26	Ga02Ss21		Spring	-01	36	37.92389	30	13	23.95933	Gatsibo	Gatsibo	Manishya	Nyarukoni		
27	Ga02Ss22		Spring	-01	37	48.23401	30	14	36.69611	Gatsibo	Gatsibo	Manishya	Rugarama		
28	Ga02Ss23		Spring	-01	36	49.36016	30	14	08.03875	Gatsibo	Gatsibo	Mugera	Kabuga		
29	Ga02Ss24		Spring	-01	36	07.46540	30	17	09.23662	Gatsibo	Gatsibo	Mugera	Kamasapfu		
30	Ga02Ss25		Spring	-01	36	04.70470	30	14	59.21681	Gatsibo	Gatsibo	Mugera	Kavumu		
31	Ga02Ss26		Spring	-01	36	22.46954	30	14	13.29642	Gatsibo	Gatsibo	Mugera	Nyarukoni		
32	Ga02Ss27		Spring	-01	34	25.26348	30	15	12.30726	Gatsibo	Gatsibo	Nyabicwamba	Rutovu		
33	Ga02Ss28		Spring	-01	35	51.62632	30	12	27.01667	Gatsibo	Gatsibo	Nyagahanga	Karama		
34	Ga02Ss29		Spring	-01	38	47.51915	30	13	38.49003	Gatsibo	Gatsibo	Nyagahanga	Nyakibande		
35	Ga03Ss01		Spring	-01	40	28.38673	30	19	40.35469	Gatsibo	Gitoki	Cyabusheshe	Biunga		
36	Ga03Ss02		Spring	-01	40	03.25259	30	21	27.57409	Gatsibo	Gitoki	Cyabusheshe	Nyarunazi		
37	Ga03Ss03		Spring	-01	38	10.83498	30	20	07.02473	Gatsibo	Gitoki	Karubungo	Gisharara		
38	Ga03Ss04		Spring	-01	38	10.70553	30	20	06.87899	Gatsibo	Gitoki	Karubungo	Gisharara		
39	Ga03Ss05		Spring	-01	36	59.03814	30	20	29.55690	Gatsibo	Gitoki	Karubungo	Rwamuhinga		
40	Ga03Ss06		Spring	-01	37	52.42138	30	17	53.83837	Gatsibo	Gitoki	Mpondwa	Bwiza		

D2. Liste des ressources en eau de la Province de l'Est

2.2 District du Gatsibo (2/7)

41	Ga03Ss07		Spring	-01	40	07.50393	30	17	33.72261	Gatsibo	Gitoki	Mpondwa	Gahama		
42	Ga03Ss08		Spring	-01	38	51.86312	30	18	24.64086	Gatsibo	Gitoki	Mpondwa	Nyaruhanga		
43	Ga03Ss09		Spring	-01	38	41.68031	30	20	00.93786	Gatsibo	Gitoki	Nyamirama	Akagarama		
44	Ga03Ss10		Spring	-01	37	32.83609	30	21	00.05462	Gatsibo	Gitoki	Nyamirama	Rukiri		
45	Ga03Ss11		Spring	-01	38	57.82265	30	20	08.03710	Gatsibo	Gitoki	Nyamirama	Akagarama		
46	Ga03Ss12		Spring	-01	37	37.48754	30	22	03.49242	Gatsibo	Gitoki	Nyamirama	Kitenko		
47	Ga03Ss13		Spring	-01	37	42.60127	30	22	12.45375	Gatsibo	Gitoki	Nyamirama	Kitenko		
48	Ga03Ss14		Spring	-01	37	56.45817	30	21	32.00285	Gatsibo	Gitoki	Nyamirama	Minago		
49	Ga03Ss15		Spring	-01	38	31.88646	30	20	02.73387	Gatsibo	Gitoki	Nyamirama	Nyamuraza		
50	Ga03Ss16		Spring	-01	36	12.74539	30	17	42.23735	Gatsibo	Gitoki	Rubira	Gikuyu		
51	Ga03Ss17		Spring	-01	35	59.85138	30	17	39.75758	Gatsibo	Gitoki	Rubira	Kavumu		
52	Ga03Ss18		Spring	-01	36	55.11813	30	17	42.51888	Gatsibo	Gitoki	Rubira	Nyakarama		
53	Ga04Ss01		Spring	-01	37	03.62532	30	14	01.55847	Gatsibo	Kabarore	Karenge	Nyarubuye		
54	Ga04Ss02		Spring	-01	37	04.11084	30	24	02.44681	Gatsibo	Kabarore	Karenge	Nyarubuye		
55	Ga05Ss01	Nyakagezi I	Spring	-01	37	21.42607	30	15	41.81615	Gatsibo	Kageyo				3
56	Ga05Ss02	Nyakagezi II	Spring	?	?	?	?	?	?	Gatsibo	Kageyo				1.7
57	Ga05Ss03	Nyakabingo	Spring	?	?	?	?	?	?	Gatsibo	Kageyo				3
58	Ga05Ss05		Spring	-01	39	32.16827	30	14	52.80224	Gatsibo	Kageyo	Kintu	Gakeri		
59	Ga05Ss06		Spring	-01	40	05.75167	30	14	38.78180	Gatsibo	Kageyo	Kintu	Rutoma		
60	Ga05Ss07		Spring	-01	40	06.21516	30	14	37.44927	Gatsibo	Kageyo	Kintu	Rutoma		
61	Ga05Ss08		Spring	-01	40	17.82161	30	15	28.95412	Gatsibo	Kageyo	Kintu	Rutoma		
62	Ga05Ss09		Spring	-01	40	26.18367	30	15	34.09109	Gatsibo	Kageyo	Kintu	Rutoma		
63	Ga05Ss10		Spring	-01	40	48.75929	30	16	16.44210	Gatsibo	Kageyo	Nyagisozi	Kageyo		
64	Ga05Ss11		Spring	-01	40	45.70800	30	16	04.17904	Gatsibo	Kageyo	Nyagisozi	Kashango		
65	Ga05Ss12		Spring	-01	40	34.14017	30	15	51.22075	Gatsibo	Kageyo				
66	Ga05Ss13	NKG (Gahama)	Spring	-01	39	59.30150	30	15	27.15812	Gatsibo	Kageyo				(2.28)
67	Ga05Ss14		Spring	-01	40	44.12443	30	16	22.73778	Gatsibo	Kageyo				
68	Ga05Ss15		Spring	-01	39	30.19091	30	16	52.06985	Gatsibo	Kageyo				
69	Ga05Ss16		Spring	-01	38	34.65832	30	16	18.06792	Gatsibo	Kageyo				
70	Ga05Ss17		Spring	-01	39	44.61027	30	16	36.97578	Gatsibo	Kageyo				
71	Ga05Ss18		Spring	-01	37	18.80538	30	15	34.87564	Gatsibo	Kageyo				
72	Ga05Ss19		Spring	-01	37	27.58204	30	17	48.40267	Gatsibo	Kageyo				
73	Ga05Ss20	NKG (Kaniya)	Spring	-01	38	34.12664	30	15	22.73780	Gatsibo	Kageyo				(2.28)
74	Ga05Ss21	NKG (Nyakagera)	Spring	-01	38	34.03853	30	15	24.11287	Gatsibo	Kageyo				(2.28)
75	Ga05Ss22		Spring	-01	38	36.27630	30	16	34.99299	Gatsibo	Kageyo	Busetsa	Rugarama		
76	Ga05Ss23		Spring	-01	31	46.11866	30	16	58.10934	Gatsibo	Kageyo	Gituza	Gisiza		
77	Ga06Ss01		Spring	-01	47	11.50163	30	26	39.37052	Gatsibo	Kiramuruzi	Kagina			
78	Ga06Ss02		Spring	-01	47	32.66868	30	24	43.64001	Gatsibo	Kiramuruzi	Kidobogo			
79	Ga07Ss01		Spring	-01	44	33.29880	30	23	22.82965	Gatsibo	Kiziguro	Ndatemwa	Akabagendo		
80	Ga07Ss02		Spring	-01	44	17.98446	30	24	55.95165	Gatsibo	Kiziguro	Ndatemwa	Mataba		
81	Ga07Ss03	Akabuye	Spring	-01	44	20.43708	30	26	44.46525	Gatsibo	Kiziguro	Mbogo	Akabuye		

D2. Liste des ressources en eau de la Province de l'Est

2.2 District du Gatsibo (3/7)

82	Ga07Ss04		Spring	-01	44	00.77756	30	25	05.87797	Gatsibo	Kiziguro	Ndatemwa	Karambo		
83	Ga07Ss05		Spring	-01	44	50.29328	30	25	05.93591	Gatsibo	Kiziguro	Ndatemwa	Mishunzi		
84	Ga07Ss06		Spring	-01	46	42.24741	30	24	38.40226	Gatsibo	Kiziguro	Rubona	Rubira		
85	Ga07Ss07		Spring	-01	45	40.27702	30	24	28.45935	Gatsibo	Kiziguro	Agakomeye	Akingondo		
86	Ga07Ss08		Spring	-01	45	52.90761	30	24	12.89546	Gatsibo	Kiziguro	Agakomeye	Akingondo		
87	Ga07Ss09		Spring	-01	45	50.72174	30	24	13.36739	Gatsibo	Kiziguro	Agakomeye	Akingondo		
88	Ga07Ss10		Spring	-01	45	49.34969	30	24	12.04785	Gatsibo	Kiziguro	Agakomeye	Akingondo		
89	Ga07Ss11		Spring	-01	45	01.67101	30	25	09.06685	Gatsibo	Kiziguro	Agakomeye	Bishenyi		
90	Ga07Ss12		Spring	-01	45	18.28317	30	24	52.01685	Gatsibo	Kiziguro	Agakomeye	Bishenyi		
91	Ga07Ss13		Spring	-01	44	30.66213	30	23	21.20413	Gatsibo	Kiziguro	Ndatemwa	Akabagendo		
92	Ga07Ss14		Spring	-01	44	00.80351	30	25	05.85262	Gatsibo	Kiziguro	Ndatemwa	Akarambo		
93	Ga07Ss15		Spring	-01	43	56.83310	30	25	09.11845	Gatsibo	Kiziguro	Ndatemwa	Akarambo		
94	Ga07Ss16		Spring	-01	45	18.98504	30	24	39.65935	Gatsibo	Kiziguro	Ndatemwa	Bishenyi		
95	Ga07Ss17		Spring	-01	45	16.36345	30	23	49.66776	Gatsibo	Kiziguro	Ndatemwa	Gorora		
96	Ga07Ss18		Spring	-01	44	00.78208	30	25	05.86892	Gatsibo	Kiziguro	Ndatemwa	Karambo		
97	Ga07Ss19		Spring	-01	43	56.91759	30	25	09.25212	Gatsibo	Kiziguro	Ndatemwa	Karambo		
98	Ga07Ss20		Spring	-01	45	09.89486	30	25	25.51033	Gatsibo	Kiziguro	Ndatemwa	Mishunzi		
99	Ga07Ss21		Spring	-01	44	56.41757	30	24	25.59334	Gatsibo	Kiziguro	Ndatemwa	Rukungu		
100	Ga07Ss22		Spring	-01	47	11.48835	30	26	39.36479	Gatsibo	Kiziguro	Rubona	Rubindi		
101	Ga07Ss23		Spring	-01	47	12.63862	30	26	43.67617	Gatsibo	Kiziguro	Rubona	Rubindi		
102	Ga07Ss24		Spring	-01	46	57.23164	30	24	22.97808	Gatsibo	Kiziguro	Rubona	Rubira		
103	Ga07Ss25		Spring	-01	45	20.14949	30	25	58.07805	Gatsibo	Kiziguro	Mbogo	Ryamuhuzi		
104	Ga08Ss01	Kibira-Mpasha	Spring	-01	43	20.60427	30	15	19.80149	Gatsibo	Muhura			4.6	
105	Ga08Ss02	Cyahafi-Gakenke	Spring	-01	44	45.69041	30	18	44.55988	Gatsibo	Muhura				
106	Ga08Ss03		Spring	-01	43	21.99291	30	16	47.02796	Gatsibo	Muhura	Gatare			
107	Ga08Ss04	Rwasama	Spring	-01	43	53.84036	30	17	51.49198	Gatsibo	Muhura	Rwasama		7	
108	Ga09Ss02	Byimana	Spring	-01	47	31.21637	30	20	59.43272	Gatsibo	Murambi	Byimana			
109	Ga09Ss03		Spring	-01	47	29.19314	30	20	03.69494	Gatsibo	Murambi	Rwimondo	Kadogo		
110	Ga09Ss04		Spring	-01	47	27.54741	30	20	29.02552	Gatsibo	Murambi	Ngaruye			
111	Ga09Ss05		Spring	-01	50	02.85495	30	19	54.85461	Gatsibo	Murambi	Nyakariba			
112	Ga10Ss01		Spring	-01	33	40.73022	30	15	34.07178	Gatsibo	Ngarama	Nyarubungo	Rwiri		
113	Ga10Ss02		Spring	-01	31	39.68321	30	16	27.58507	Gatsibo	Ngarama	Kigasha	Cyabahima		
114	Ga10Ss03		Spring	-01	33	39.12734	30	15	22.63913	Gatsibo	Ngarama	Ngarama	Kabeho		
115	Ga10Ss04		Spring	-01	32	51.07932	30	14	03.61482	Gatsibo	Ngarama	Ngarama	Rugarama		
116	Ga10Ss05		Spring	-01	33	46.60104	30	15	46.21897	Gatsibo	Ngarama	Nyarubungo	Rwiri		
117	Ga10Ss06		Spring	-01	33	35.92156	30	15	28.52926	Gatsibo	Ngarama	Nyarubungo	Rwiri		
118	Ga11Ss01	Mashyoza	Spring	?	?	?	?	?	?	Gatsibo	Nyagihanga			10	
119	Ga11Ss02	Gahama-Ngarama	Spring	?	?	?	?	?	?	Gatsibo	Nyagihanga			5	
120	Ga11Ss04	Gatoki-Byimana	Spring	?	?	?	?	?	?	Gatsibo	Nyagihanga				
121	Ga11Ss05	Mpashani-Bugamba	Spring	?	?	?	?	?	?	Gatsibo	Nyagihanga				
122	Ga11Ss07		Spring	-01	34	16.72490	30	12	10.55538	Gatsibo	Nyagihanga	Nyamirama	Rugarama		

D2. Liste des ressources en eau de la Province de l'Est

2.2 District du Gatsibo (4/7)

123	Ga11Ss08		Spring	-01	32	31.35462	30	10	34.49797	Gatsibo	Nyagihanga	Murambi	Birembo		
124	Ga11Ss09		Spring	-01	31	17.72165	30	10	48.78546	Gatsibo	Nyagihanga	Murambi	Kabeza		
125	Ga11Ss10		Spring	-01	32	16.26146	30	10	42.59448	Gatsibo	Nyagihanga	Murambi	Kabeza		
126	Ga11Ss11		Spring	-01	32	42.61286	30	10	38.24055	Gatsibo	Nyagihanga	Murambi	Kagarama		
127	Ga11Ss12	Gashure	Spring	-01	32	44.51840	30	10	32.69079	Gatsibo	Nyagihanga	Murambi	Kagarama		
128	Ga11Ss13		Spring	-01	34	33.51026	30	10	56.24015	Gatsibo	Nyagihanga	Murambi	Kanyinya		
129	Ga11Ss14	Kaniya	Spring	-01	35	17.77828	30	11	06.42930	Gatsibo	Nyagihanga	Murambi	Kanyinya		
130	Ga11Ss15		Spring	-01	33	48.85179	30	10	05.39372	Gatsibo	Nyagihanga	Murambi	Rukoma		
131	Ga11Ss16		Spring	-01	32	29.16332	30	10	53.41911	Gatsibo	Nyagihanga	Murambi	Umugamba		
132	Ga11Ss17		Spring	-01	35	58.39514	30	12	32.97198	Gatsibo	Nyagihanga	Nyamirama	Burembo		
133	Ga11Ss18	Rwobe 1	Spring	-01	35	48.53641	30	11	36.31537	Gatsibo	Nyagihanga	Nyamirama	Butumba		
134	Ga11Ss19		Spring	-01	36	04.62262	30	11	06.15440	Gatsibo	Nyagihanga	Nyamirama	Kabuga		
135	Ga11Ss20		Spring	-01	37	15.33316	30	11	31.33441	Gatsibo	Nyagihanga	Nyamirama	Rugogwe		
136	Ga11Ss21	Rwobe 2	Spring	-01	37	00.43976	30	11	25.66244	Gatsibo	Nyagihanga	Nyamirama	Rugogwe		
137	Ga11Ss22		Spring	-01	36	38.65895	30	11	24.62956	Gatsibo	Nyagihanga	Nyamirama	Rugogwe		
138	Ga11Ss23		Spring	-01	33	45.53738	30	13	58.46578	Gatsibo	Nyagihanga	Gitinda	Isangano		
139	Ga11Ss24		Spring	-01	32	25.42406	30	13	52.12031	Gatsibo	Nyagihanga	Gitinda	Kabuye		
140	Ga11Ss25		Spring	-01	32	44.61767	30	13	42.30926	Gatsibo	Nyagihanga	Gitinda	Kabuye		
141	Ga11Ss26		Spring	-01	34	29.33859	30	13	36.26373	Gatsibo	Nyagihanga	Gitinda	Kinarama		
142	Ga11Ss27		Spring	-01	33	30.84766	30	12	50.18462	Gatsibo	Nyagihanga	Gitinda	Mayangerweza		
143	Ga11Ss28		Spring	-01	34	49.31917	30	13	36.23476	Gatsibo	Nyagihanga	Gitinda	Nyabukingi		
144	Ga11Ss29		Spring	-01	31	52.49575	30	13	24.63856	Gatsibo	Nyagihanga	Mayange	Mataba		
145	Ga11Ss30	Karama	Spring	-01	32	53.63000	30	13	10.08282	Gatsibo	Nyagihanga	Mayange	Rweza	3	
146	Ga11Ss31		Spring	-01	31	30.36400	30	12	42.28213	Gatsibo	Nyagihanga	Nyagitabire	Byimana		
147	Ga11Ss32		Spring	-01	30	42.88327	30	12	21.24935	Gatsibo	Nyagihanga	Nyagitabire	Kamurara		
148	Ga12Ss02		Spring	-01	40	36.51976	30	17	46.20806	Gatsibo	Remera	Kigabiro	Byimana		
149	Ga12Ss03		Spring	-01	40	21.20120	30	18	45.31757	Gatsibo	Remera	Nyagakombe	Runyinya		
150	Ga12Ss04		Spring	-01	45	11.01495	30	19	57.37029	Gatsibo	Remera	Rwarenga	Nyarubuye		
151	Ga12Ss05		Spring	-01	45	19.10664	30	19	17.85813	Gatsibo	Remera	Rwarenga	Nyarubuye		
152	Ga12Ss06		Spring	-01	44	45.27218	30	21	02.10380	Gatsibo	Remera	Rwarenga	Nyarubuye		
153	Ga12Ss07		Spring	-01	42	17.78204	30	18	10.94600	Gatsibo	Remera	Butiruka	Kerekezo		
154	Ga12Ss08		Spring	-01	42	53.23719	30	18	26.67857	Gatsibo	Remera	Butiruka	Kerekezo		
155	Ga12Ss09		Spring	-01	41	50.30572	30	24	48.96104	Gatsibo	Remera	Kanyangese			
156	Ga12Ss10		Spring	-01	39	23.62366	30	18	09.18862	Gatsibo	Remera	Kigabiro	Byimana		
157	Ga12Ss11		Spring	-01	41	27.65920	30	19	18.53345	Gatsibo	Remera	Kigabiro	Nyagakombe		
158	Ga12Ss12		Spring	-01	39	17.46135	30	18	38.03336	Gatsibo	Remera	Kigabiro	Kanyinya		
159	Ga12Ss13		Spring	-01	40	28.46519	30	19	40.28559	Gatsibo	Remera	Rwakarugu	Akabuga		
160	Ga13Ss02		Spring	-01	41	40.69141	30	26	06.31669	Gatsibo	Rugarama	Matunguru	Nyabagendwa		
161	Ga13Ss03		Spring	-01	41	27.05479	30	23	06.64627	Gatsibo	Rugarama	Matare	Gitsimba		
162	Ga13Ss04		Spring	-01	41	15.40971	30	23	55.67920	Gatsibo	Rugarama	Gihuta	Gashenyi		
163	Ga13Ss05		Spring	-01	41	39.01095	30	23	47.97375	Gatsibo	Rugarama	Gihuta	Nyagahanga		

D2. Liste des ressources en eau de la Province de l'Est

2.2 District du Gatsibo (5/7)

164	Ga13Ss06		Spring	-01	41	17.72714	30	22	25.14469	Gatsibo	Rugarama	Matare	Gakenyero		
165	Ga13Ss07		Spring	-01	42	07.72566	30	23	10.58590	Gatsibo	Rugarama	Matare	Kabana		
166	Ga13Ss08		Spring	-01	40	18.43959	30	21	51.31053	Gatsibo	Rugarama	Matare	Nyagatare		
167	Ga13Ss09		Spring	-01	40	00.26709	30	22	10.13964	Gatsibo	Rugarama	Matare	Nyarusambu		
168	Ga13Ss10		Spring	-01	40	39.02609	30	22	55.52261	Gatsibo	Rugarama	Matare	Matare		
169	Ga13Ss11		Spring	-01	40	42.13530	30	22	41.27043	Gatsibo	Rugarama	Matare	Matare		
170	Ga13Ss12		Spring	-01	40	46.53842	30	23	24.47116	Gatsibo	Rugarama	Matare	Rwankuba		
171	Ga13Ss13		Spring	-01	42	45.05558	30	21	59.88502	Gatsibo	Rugarama	Bugarama	Akabare		
172	Ga13Ss14		Spring	-01	43	15.26573	30	25	17.42196	Gatsibo	Rugarama	Kanyangese			
173	Ga13Ss15		Spring	-01	41	03.60109	30	26	19.65790	Gatsibo	Rugarama	Kanyangese	Agakire		
174	Ga13Ss16		Spring	-01	43	52.01961	30	25	39.02293	Gatsibo	Rugarama	Kanyangese	Akazinga		
175	Ga13Ss17		Spring	-01	43	54.50270	30	25	48.11250	Gatsibo	Rugarama	Kanyangese	Akazinga		
176	Ga13Ss18		Spring	-01	41	47.55951	30	25	44.04282	Gatsibo	Rugarama	Kanyangese	Cyamirita		
177	Ga13Ss19		Spring	-01	42	50.56037	30	25	03.02766	Gatsibo	Rugarama	Kanyangese	Kanyange		
178	Ga13Ss20		Spring	-01	42	10.37471	30	24	53.72867	Gatsibo	Rugarama	Kanyangese	Kanyangese		
179	Ga13Ss21		Spring	-01	40	10.31683	30	24	53.99934	Gatsibo	Rugarama	Kanyangese	Munini		
180	Ga13Ss22		Spring	-01	43	34.40805	30	25	13.06592	Gatsibo	Rugarama	Kanyangese	Rugarama		
181	Ga13Ss23		Spring	-01	40	29.74822	30	26	00.70356	Gatsibo	Rugarama	Kanyangese	Rugazi		
182	Ga13Ss24		Spring	-01	42	19.54787	30	26	48.61912	Gatsibo	Rugarama	Matiunguru	Nyamata		
183	Ga13Ss25		Spring	-01	41	56.66628	30	26	00.12692	Gatsibo	Rugarama	Matunguru	Kabasaza		
184	Ga13Ss26		Spring	-01	41	00.69223	30	26	29.20824	Gatsibo	Rugarama	Matunguru	Nyabagendwa		
185	Ga13Ss27		Spring	-01	40	16.26580	30	27	00.71833	Gatsibo	Rugarama	Matunguru	Rambura		
186	Ga13Ss28		Spring	-01	40	31.96608	30	26	50.83274	Gatsibo	Rugarama	Matunguru	Rambura		
187	Ga13Ss29		Spring	-01	42	59.19913	30	25	33.70582	Gatsibo	Rugarama	Nyangese	Kanyangese		
188	Ga13Ss30		Spring	-01	41	16.29897	30	21	30.15736	Gatsibo	Rugarama	Remera	Akajevuba		
189	Ga13Ss31		Spring	-01	41	11.16864	30	21	05.37113	Gatsibo	Rugarama	Remera	Akajevuba		
190	Ga13Ss32		Spring	-01	42	01.27428	30	22	23.03878	Gatsibo	Rugarama	Remera	Kanyiranzage		
191	Ga13Ss33		Spring	-01	41	19.59919	30	22	14.91511	Gatsibo	Rugarama	Remera	Kanyiranzage		
192	Ga14Ss01		Spring	-01	39	16.40976	30	25	38.14816	Gatsibo	Rwimbogo	Nyamatete	Rutembo		
193	Ga14Ss02		Spring	-01	38	36.00925	30	26	10.86253	Gatsibo	Rwimbogo	Nyamatete	Kiyovu		
194	Ga14Ss03		Spring	-01	37	56.28466	30	26	21.65789	Gatsibo	Rwimbogo	Nyamatete	Nyamatete		
195	Ga14Ss04		Spring	-01	39	41.68904	30	26	04.08405	Gatsibo	Rwimbogo	Nyamatete	Rwimbogo		
196	Ga14Ss05		Spring	-01	39	12.41219	30	25	45.25495	Gatsibo	Rwimbogo	Nyamatete	Umurego		
1	Ga11Sr01	Intake (Mutaraga River)	River	-01	34	00.90200	30	12	16.97500	Gatsibo	Nyagihanga				
2	Ga11Sr02	Plant	River	-01	34	00.37200	30	13	06.25400	Gatsibo	Nyagihanga				
1	Ga01Sb01	Gasange Hp01	Groundwater	-01	48	15.16332	30	18	37.28201	Gatsibo	Gasange				
2	Ga01Sb02	Gasange Hp02	Groundwater	-01	48	25.52567	30	18	53.67631	Gatsibo	Gasange				
3	Ga01Sb03	Gasange Hp03	Groundwater	-01	48	03.52548	30	18	31.71053	Gatsibo	Gasange				
4	Ga01Sb04	Gasange Hp04	Groundwater	-01	48	20.72455	30	18	13.59204	Gatsibo	Gasange				
5	Ga03Sb01	Gitoki Hp01	Groundwater	-01	38	15.11377	30	23	04.73439	Gatsibo	Gitoki	Bukomane	Bukomane		

D2. Liste des ressources en eau de la Province de l'Est

2.2 District du Gatsibo (6/7)

6	Ga03Sb02	Gitoki Hp02	Groundwater	-01	36	17.49341	30	19	14.67801	Gatsibo	Gitoki	Rubira	Burehe		
7	Ga04Sb01	Kabarore Hp01	Groundwater	-01	34	13.73276	30	23	01.87170	Gatsibo	Kabarore	Simbwa	Simbwa		
8	Ga04Sb02	Kabarore Hp02	Groundwater	-01	37	06.95723	30	23	11.36863	Gatsibo	Kabarore	Karenge	Nyarubuye		
9	Ga04Sb03	Kabarore Hp03	Groundwater	-01	36	14.66089	30	19	52.69530	Gatsibo	Kabarore	Marimba	Rutenderi		
10	Ga04Sb04	Kabarore Hp04	Groundwater	-01	33	38.05522	30	20	06.36300	Gatsibo	Kabarore	Simbwa	Kibondo		
11	Ga04Sb05	Kabarore Hp05	Groundwater	-01	32	44.12401	30	21	26.16341	Gatsibo	Kabarore	Marimba	Simbwa		
12	Ga04Sb06	Kabarore Hp06	Groundwater	-01	36	17.44301	30	19	14.68766	Gatsibo	Kabarore	Karenge	Kanteri		
13	Ga04Sb07	Kabarore Hp07	Groundwater	-01	36	19.41645	30	25	55.08682	Gatsibo	Kabarore	Karenge	Karenge		
14	Ga04Sb08	Kabarore Hp08	Groundwater	-01	36	41.09316	30	23	45.24111	Gatsibo	Kabarore	Nyabikiri	Nyarubuye		
15	Ga04Sb09	Kabarore Hp09	Groundwater	-01	36	34.76187	30	23	40.84464	Gatsibo	Kabarore	Nyabikiri	Kabeza		
16	Ga04Sb10	Kabarore Hp10	Groundwater	-01	36	43.74070	30	23	52.30233	Gatsibo	Kabarore	Nyabikiri	Kabeza		
17	Ga04Sb11	Kabarore Hp11	Groundwater	-01	36	35.95770	30	23	02.47249	Gatsibo	Kabarore	Nyabikiri	Kabeza		
18	Ga04Sb12	Kabarore Hp12	Groundwater	-01	36	43.90455	30	23	16.42353	Gatsibo	Kabarore	Nyabikiri	Kabeza		
19	Ga04Sb13	Kabarore Hp13	Groundwater	-01	35	46.02164	30	24	58.78417	Gatsibo	Kabarore	Nyabikiri	Ngarama		
20	Ga04Sb14	Kabarore Hp14	Groundwater	-01	35	26.89410	30	23	45.03864	Gatsibo	Kabarore	Nyabikiri	Ngarama		
21	Ga04Sb15	Kabarore Hp15	Groundwater	-01	35	10.38242	30	26	14.93795	Gatsibo	Kabarore	Nyabikiri	Nyabikiri		
22	Ga04Sb16	Kabarore Hp16	Groundwater	-01	36	09.47595	30	25	25.65306	Gatsibo	Kabarore	Nyabikiri	Nyabikiri		
23	Ga06Sb01	Kiramuruzi Hp01	Groundwater	-01	48	05.58401	30	25	48.58625	Gatsibo	Kiramuruzi				
24	Ga06Sb02	Kiramuruzi Hp02	Groundwater	-01	47	55.66011	30	25	46.36659	Gatsibo	Kiramuruzi				
25	Ga06Sb03	Kiramuruzi Hp03	Groundwater	-01	47	00.19903	30	24	06.68276	Gatsibo	Kiramuruzi				
26	Ga06Sb04	Kiramuruzi Hp04	Groundwater	-01	47	46.10796	30	23	19.71319	Gatsibo	Kiramuruzi				
27	Ga06Sb05	Kiramuruzi Hp05	Groundwater	-01	49	24.27550	30	25	29.67386	Gatsibo	Kiramuruzi				
28	Ga06Sb06	Kiramuruzi Hp06	Groundwater	-01	48	57.98445	30	24	21.83657	Gatsibo	Kiramuruzi				
29	Ga07Sb01	Kizuguro Hp01	Groundwater	-01	46	56.22953	30	24	23.54778	Gatsibo	Kizuguro	Rubona	Rubira		
30	Ga07Sb02	Kizuguro Hp02	Groundwater	-01	44	30.61445	30	23	21.34263	Gatsibo	Kizuguro	Ndatemwa	Akagagendo		
31	Ga07Sb03	Kizuguro Hp03	Groundwater	-01	45	22.29311	30	26	05.91868	Gatsibo	Kizuguro	Mbogo	Akabuya		
32	Ga07Sb04	Kizuguro Hp04	Groundwater	-01	45	29.35794	30	22	56.52925	Gatsibo	Kizuguro	Agakomeye	Akabingo		
33	Ga07Sb05	Kizuguro Hp05	Groundwater	-01	46	50.18581	30	23	30.88181	Gatsibo	Kizuguro	Agakomeye	Isangano		
34	Ga07Sb06	Kizuguro Hp06	Groundwater	-01	45	18.77291	30	21	49.94451	Gatsibo	Kizuguro	Murambi	Ryampunganga		
35	Ga07Sb07	Kizuguro Hp07	Groundwater	-01	46	28.51001	30	26	33.58329	Gatsibo	Kizuguro	Rubona	Rubindi		
36	Ga07Sb08	Kizuguro Hp08	Groundwater	-01	46	18.99678	30	26	42.84516	Gatsibo	Kizuguro	Rubona	Rubindi		
37	Ga09Sb01	Murambi Hp01	Groundwater	-01	45	19.14104	30	21	50.14850	Gatsibo	Murambi				
38	Ga09Sb02	Murambi Hp02	Groundwater	-01	48	57.97359	30	21	52.28065	Gatsibo	Murambi				
39	Ga09Sb03	Murambi Hp03	Groundwater	-01	48	43.55484	30	21	41.25989	Gatsibo	Murambi				
40	Ga09Sb04	Murambi Hp04	Groundwater	-01	48	29.68618	30	21	20.07624	Gatsibo	Murambi				
41	Ga09Sb05	Murambi Hp05	Groundwater	-01	49	30.84275	30	21	37.99165	Gatsibo	Murambi				
42	Ga09Sb06	Murambi Hp06	Groundwater	-01	47	54.77055	30	22	10.77633	Gatsibo	Murambi				
43	Ga09Sb07	Murambi Hp07	Groundwater	-01	46	12.54962	30	20	46.98469	Gatsibo	Murambi				
44	Ga09Sb08	Murambi Hp08	Groundwater	-01	47	41.75252	30	21	44.85432	Gatsibo	Murambi				
45	Ga13Sb01	Rugarama Hp01	Groundwater	-01	41	08.74922	30	27	27.00998	Gatsibo	Rugarama	Matungiro	Nyenyeri		
46	Ga13Sb02	Rugarama Hp02	Groundwater	-01	40	44.82630	30	26	41.88499	Gatsibo	Rugarama	Matunguru	Kabeza		

D2. Liste des ressources en eau de la Province de l'Est

2.2 District du Gatsibo (7/7)

47	Ga13Sb03	Rugarama Hp03	Groundwater	-01	42	53.97738	30	26	32.15300	Gatsibo	Rugarama	Matunguru	Nyaamirambo		
48	Ga13Sb04	Rugarama Hp04	Groundwater	-01	42	04.33763	30	26	48.30439	Gatsibo	Rugarama	Matunguru	Nyamata		
49	Ga13Sb05	Rugarama Hp05	Groundwater	-01	40	13.25465	30	27	07.77411	Gatsibo	Rugarama	Matunguru	Rambura		
50	Ga13Sb06	Rugarama Hp06	Groundwater	-01	40	32.34869	30	27	49.99175	Gatsibo	Rugarama	Matunguru	Tungiro		
51	Ga14Sb01	Rwimbogo Hp01	Groundwater	-01	39	37.71079	30	24	26.34650	Gatsibo	Rwimbogo	Kiburara	Isangano		
52	Ga14Sb02	Rwimbogo Hp02	Groundwater	-01	39	55.36187	30	24	39.49791	Gatsibo	Rwimbogo	Kiburara	Kiburara		
53	Ga14Sb03	Rwimbogo Hp03	Groundwater	-01	40	04.38053	30	24	56.22202	Gatsibo	Rwimbogo	Kiburara	Kiburara		
54	Ga14Sb04	Rwimbogo Hp04	Groundwater	-01	39	21.19911	30	24	04.87166	Gatsibo	Rwimbogo	Kiburara	Rubirizi		
55	Ga14Sb05	Rwimbogo Hp05	Groundwater	-01	39	49.51036	30	26	07.56020	Gatsibo	Rwimbogo	Kiburara	Rugando		
56	Ga14Sb06	Rwimbogo Hp06	Groundwater	-01	40	01.96654	30	29	53.20049	Gatsibo	Rwimbogo	Munini	Marengo		
57	Ga14Sb07	Rwimbogo Hp07	Groundwater	-01	40	27.67538	30	35	41.35551	Gatsibo	Rwimbogo	Munini	Mucucu		
58	Ga14Sb08	Rwimbogo Hp08	Groundwater	-01	36	07.50070	30	33	43.07010	Gatsibo	Rwimbogo	Munini	Gikobwa		
59	Ga14Sb09	Rwimbogo Hp09	Groundwater	-01	36	14.47230	30	30	40.76571	Gatsibo	Rwimbogo	Munini	Munini		
60	Ga14Sb10	Rwimbogo Hp10	Groundwater	-01	37	23.64754	30	26	58.58225	Gatsibo	Rwimbogo	Nyamatete	Gashenyi		
61	Ga14Sb11	Rwimbogo Hp11	Groundwater	-01	35	55.60457	30	27	53.87223	Gatsibo	Rwimbogo	Nyamatete	Kidugudu		
62	Ga14Sb12	Rwimbogo Hp12	Groundwater	-01	37	42.16766	30	26	16.36642	Gatsibo	Rwimbogo	Nyamatete	Nyamatete		
63	Ga14Sb13	Rwimbogo Hp13	Groundwater	-01	37	18.45264	30	29	53.62535	Gatsibo	Rwimbogo	Rwikiniro	Akamahoro		
64	Ga14Sb14	Rwimbogo Hp14	Groundwater	-01	39	36.24308	30	27	41.04913	Gatsibo	Rwimbogo	Rwikiniro	Byimana		
65	Ga14Sb15	Rwimbogo Hp15	Groundwater	-01	36	17.50427	30	29	52.93013	Gatsibo	Rwimbogo	Rwikiniro	Ndama II		
66	Ga14Sb16	Rwimbogo Hp16	Groundwater	-01	39	19.44173	30	27	55.39787	Gatsibo	Rwimbogo	Rwikiniro	Byimana		
67	Ga14Sb17	Rwimbogo Hp17	Groundwater	-01	39	47.01913	30	27	08.64345	Gatsibo	Rwimbogo	Rwikiniro	Kabusunzu		
68	Ga14Sb18	Rwimbogo Hp18	Groundwater	-01	38	48.21437	30	27	24.55676	Gatsibo	Rwimbogo	Rwikiniro	Karambo		
69	Ga14Sb19	Rwimbogo Hp19	Groundwater	-01	36	28.89829	30	29	42.65619	Gatsibo	Rwimbogo	Rwikiniro	Ndama II		
70	Ga14Sb20	Rwimbogo Hp20	Groundwater	-01	36	46.45281	30	27	57.30975	Gatsibo	Rwimbogo	Nyamatete	Rwiminazi		

D2. Liste des ressources en eau de la Province de l'Est

2.3 District du Kayonza (1/3)

No	Source Code No.	Name of Source	Type	Latitude			Longitude			Location				Discharge (lit/s)	Note
				°	'	"	°	'	"	District	Secteur	Cell	Umudugudu		
1	Ka01Ss01	Nyabombe	Spring	-01	49	45.18969	30	33	25.96397	Kayonza	Gahini	Gahini	Nyabombe		Rehab. planned
2	Ka01Ss02		Spring	-01	49	37.65443	30	34	09.38860	Kayonza	Gahini	Gahini			
3	Ka01Ss03		Spring	-01	49	44.97786	30	30	26.30774	Kayonza	Gahini	Cyatokwe			
4	Ka02Ss01	Kamushikuzi I	Spring	-02	05	14.66745	30	38	56.93955	Kayonza	Kabare	Gahini	Kamushikuzi 1		
5	Ka02Ss02	Kamushikuzi II	Spring	-02	05	12.27458	30	38	33.20914	Kayonza	Kabare	Gahini	Kamushikuzi 2		
6	Ka02Ss03	Kanyetonga I	Spring	-02	01	57.33388	30	39	19.07552	Kayonza	Kabare	Gahini	Kanyetango 1		
7	Ka02Ss04	Kanyetonga II	Spring	-02	01	54.35170	30	39	15.18869	Kayonza	Kabare	Gahini	Kanyetango 2		
8	Ka02Ss05	Nyabugogo	Spring	-02	03	56.71283	30	38	34.66598	Kayonza	Kabare	Gahini	Nyabugogo		
9	Ka02Ss06	Gikombe	Spring	-02	05	57.26649	30	38	57.74793	Kayonza	Kabare	Gahini	Gikombe		
10	Ka02Ss07		Spring	-02	04	25.45045	30	39	38.74590	Kayonza	Kabare	Gahini	Gahama		
*11	Ka02Ss08	Kiburara	Spring	-01	59	49.52679	30	38	56.91239	Kayonza	Kabare	Gahini	Kiburara		Rehab. planned
12	Ka02Ss09		Spring	-02	01	50.66071	30	39	12.90023	Kayonza	Kabare	Gahini			
New	Ka02Ss10	Source to Exploit	Spring	-02	06	08.30497	30	37	45.78420	Kayonza	Kabare				Development planned
New	Ka02Ss11	Source to Exploit	Spring	-02	06	14.18933	30	38	00.69700	Kayonza	Kabare				Development planned
New	Ka02Ss12	Source to Exploit	Spring	-02	02	21.56950	30	38	49.82345	Kayonza	Kabare				Development planned
16	Ka03Ss01	Mubugazire	Spring	-02	01	00.19840	30	32	45.84832	Kayonza	Kabarondo	Kabarondo			
17	Ka05Ss01		Spring	-02	04	10.03231	30	35	22.42623	Kayonza	Murama	Murama	Kaguruka		
18	Ka05Ss02	Gicaca	Spring	-02	05	30.78836	30	35	12.80648	Kayonza	Murama	Murama	Gicaca		
19	Ka05Ss03	Kabonobono	Spring	-02	03	23.57058	30	35	49.96470	Kayonza	Murama				
20	Ka05Ss04		Spring	-02	02	16.02177	30	36	43.16628	Kayonza	Murama	Nyaruriba			
21	Ka05Ss05		Spring	-02	04	15.75075	30	35	32.36401	Kayonza	Murama	Kidimba			
New	Ka05Ss06	Source to Exploit	Spring	-01	59	11.98301	30	36	54.62132	Kayonza	Murama				Development planned
23	Ka06Ss01		Spring	-01	44	18.38941	30	29	33.36686	Kayonza	Murundi	Murundi	Kayongo		
24	Ka06Ss02		Spring	-01	45	00.59377	30	30	05.06766	Kayonza	Murundi	Murundi	Nyamga		
25	Ka06Ss03		Spring	-01	43	09.62515	30	28	02.95396	Kayonza	Murundi	Murundi	Gisagora		
New	Ka06Ss04	Source to Exploit	Spring	-01	43	39.75806	30	27	10.40747	Kayonza	Murundi				Development planned
New	Ka06Ss05	Source to Exploit	Spring	-01	43	16.58661	30	32	02.70886	Kayonza	Murundi				Development planned
28	Ka07Ss01		Spring	-02	02	27.01869	30	40	20.50850	Kayonza	Ndego	Ndego			
29	Ka07Ss02		Spring	-02	00	58.76359	30	40	37.09501	Kayonza	Ndego				
30	Ka08Ss01		Spring	-01	54	19.00323	30	33	29.95309	Kayonza	Mwiri	Mwiri			
33	Ka08Ss02	Rwazana	Spring	-01	50	43.82455	30	35	31.98411	Kayonza	Mwiri	Mwiri			
34	Ka08Ss03	Migera	Spring	-01	54	25.93922	30	33	35.75632	Kayonza	Mwiri	Mwiri			
37	Ka08Ss06		Spring	-01	50	43.82455	30	35	31.98411	Kayonza	Mwiri				
38	Ka09Ss01		Spring	-01	56	33.57130	30	31	40.37191	Kayonza	Nyamirama	Nyamirama			
39	Ka09Ss02		Spring	-01	56	49.05432	30	32	44.11417	Kayonza	Nyamirama	Nyamirama			
40	Ka09Ss03		Spring	-01	55	10.61188	30	30	55.83232	Kayonza	Nyamirama	Nyamirama			
40	Ka09Ss04		Spring	-01	56	17.64411	30	33	11.85814	Kayonza	Nyamirama	Nyamirama			Development planned
40	Ka09Ss05		Spring	-01	56	17.36439	30	33	14.42511	Kayonza	Nyamirama	Nyamirama			
42	Ka09Ss06		Spring	-01	57	04.22623	30	29	24.69642	Kayonza	Nyamirama	Nyamirama			
43	Ka09Ss07		Spring	-01	57	29.83563	30	28	40.08622	Kayonza	Nyamirama	Nyamirama			
44	Ka09Ss08	Karongi	Spring	-01	56	37.10870	30	31	29.98150	Kayonza	Nyamirama	Nyamirama			
45	Ka09Ss09	Gatare	Spring	-01	58	04.21142	30	33	22.88825	Kayonza	Nyamirama				
46	Ka10Ss01	Cyatokwe	Spring	-01	47	31.58390	30	29	30.81317	Kayonza	Rukara	Rukara	Cyatokwe		Rwasaburo Plant

D2. Liste des ressources en eau de la Province de l'Est

2.3 District du Kayonza (2/3)

47	Ka10Ss02		Spring	-01	48	08.71254	30	30	50.16337	Kayonza	Rukara	Rukara			
48	Ka10Ss03		Spring	-01	47	24.12678	30	29	33.04309	Kayonza	Rukara	Rukara			
49	Ka11Ss01		Spring	-02	00	50.68474	30	30	41.86478	Kayonza	Ruramira	Ruramira			
50	Ka11Ss02		Spring	-02	00	32.11436	30	29	09.35040	Kayonza	Ruramira	Ruramira			
51	Ka11Ss03		Spring	-01	59	28.04199	30	29	43.43350	Kayonza	Ruramira	Ruramira			
52	Ka11Ss04		Spring	-01	59	28.28685	30	31	18.77884	Kayonza	Ruramira	Ruramira			
53	Ka11Ss05		Spring	-02	00	08.49724	30	30	29.93774	Kayonza	Ruramira	Ruramira			
54	Ka11Ss06		Spring	-02	00	14.13076	30	28	48.04213	Kayonza	Ruramira	Ruramira			
55	Ka11Ss07		Spring	-02	00	23.12497	30	29	38.48693	Kayonza	Ruramira	Ruramira			
*56	Ka11Ss08		Spring	-01	59	52.39249	30	29	18.19374	Kayonza	Ruramira	Ruramira			Rehab. planned
57	Ka11Ss09		Spring	-01	58	37.73055	30	31	29.03974	Kayonza	Ruramira	Ruramira			
*58	Ka11Ss10		Spring	-01	59	21.43400	30	29	03.10149	Kayonza	Ruramira	Ruramira			Rehab. planned
59	Ka11Ss11		Spring	-02	01	13.01102	30	30	35.94589	Kayonza	Ruramira	Ruramira			
60	Ka12Ss01		Spring	-01	55	06.47612	30	34	34.64043	Kayonza	Rwinkwavu	Rwinkwavu			
61	Ka12Ss02	Migere	Spring	-01	55	01.56335	30	34	10.81587	Kayonza	Rwinkwavu			1.3	
62	Ka12Ss03	Migera	Spring	-01	54	58.60591	30	34	01.03077	Kayonza	Rwinkwavu				
63	Ka04Sb01	Kazabazana	Groundwater	-01	54	39.87699	30	31	16.31712	Kayonza	Mukarange	Kazabanaza			
64	Ka12Sb01	Nyankora	Groundwater	-01	56	06.08442	30	40	17.83380	Kayonza	Rwinkwavu				Source of Piped system
1	Ka01Sb01	Gahini Hp01	Groundwater	-01	49	47.17248	30	33	17.37983	Kayonza	Gahini				Source of Piped system
2	Ka01Sb02	Gahini Hp02	Groundwater	-01	49	05.17512	30	33	12.81438	Kayonza	Gahini				
3	Ka01Sb03	Gahini Hp03	Groundwater	-01	45	12.76510	30	35	31.69081	Kayonza	Gahini				
4	Ka01Sb04	Gahini Hp04	Groundwater	-01	49	59.36251	30	33	04.82740	Kayonza	Gahini				
5	Ka01Sb05	Gahini Hp05	Groundwater	-01	49	42.78868	30	34	28.11089	Kayonza	Gahini				
6	Ka03Sb01	Kabarondo Hp01	Groundwater	-02	01	03.48655	30	34	24.71290	Kayonza	Kabarondo	Gashikiro			
7	Ka03Sb02	Kabarondo Hp02	Groundwater	-01	59	31.52175	30	34	09.42964	Kayonza	Kabarondo	Mwenge			
8	Ka03Sb03	Kabarondo Hp03	Groundwater	-02	00	13.80426	30	34	31.81516	Kayonza	Kabarondo				
9	Ka06Sb01	Murundi Hp01	Groundwater	-01	39	00.22517	30	35	14.68547	Kayonza	Murundi				
10	Ka06Sb02	Murundi Hp02	Groundwater	-01	39	51.15730	30	31	52.47142	Kayonza	Murundi				
11	Ka06Sb03	Murundi Hp03	Groundwater	-01	40	24.04427	30	31	55.86700	Kayonza	Murundi				
12	Ka06Sb04	Murundi Hp04	Groundwater	-01	41	52.13945	30	27	54.71894	Kayonza	Murundi				
13	Ka06Sb05	Murundi Hp05	Groundwater	-01	42	26.55296	30	28	11.70044	Kayonza	Murundi				
14	Ka06Sb06	Murundi Hp06	Groundwater	-01	42	30.17213	30	26	51.91391	Kayonza	Murundi				
15	Ka06Sb07	Murundi Hp07	Groundwater	-01	42	59.16775	30	34	15.41724	Kayonza	Murundi				
16	Ka06Sb08	Murundi Hp08	Groundwater	-01	43	20.05629	30	29	36.89883	Kayonza	Murundi				
17	Ka06Sb09	Murundi Hp09	Groundwater	-01	43	28.73428	30	29	42.94889	Kayonza	Murundi				
18	Ka06Sb10	Murundi Hp10	Groundwater	-01	43	34.45362	30	30	04.16513	Kayonza	Murundi				
19	Ka06Sb11	Murundi Hp11	Groundwater	-01	43	39.75051	30	27	10.40144	Kayonza	Murundi				
20	Ka06Sb12	Murundi Hp12	Groundwater	-01	44	11.09253	30	30	09.72786	Kayonza	Murundi				
21	Ka06Sb13	Murundi Hp13	Groundwater	-01	44	24.76355	30	29	17.44360	Kayonza	Murundi				
22	Ka06Sb14	Murundi Hp14	Groundwater	-01	44	25.63077	30	32	29.47695	Kayonza	Murundi				
23	Ka08Sb01	Mwiri Hp01	Groundwater	-01	50	14.50003	30	38	46.38318	Kayonza	Mwiri				
24	Ka08Sb02	Mwiri Hp02	Groundwater	-01	50	25.49786	30	39	09.72554	Kayonza	Mwiri				
25	Ka08Sb03	Mwiri Hp03	Groundwater	-01	50	38.75609	30	39	35.73415	Kayonza	Mwiri				
26	Ka08Sb04	Mwiri Hp04	Groundwater	-01	51	13.58511	30	38	55.16104	Kayonza	Mwiri				
27	Ka08Sb05	Mwiri Hp05	Groundwater	-01	51	21.79538	30	38	55.77208	Kayonza	Mwiri				
28	Ka08Sb06	Mwiri Hp06	Groundwater	-01	52	13.74803	30	35	59.33429	Kayonza	Mwiri				

D2. Liste des ressources en eau de la Province de l'Est

2.3 District du Kayonza (3/3)

29	Ka08Sb07	Mwiri Hp07	Groundwater	-01	52	39.83117	30	38	05.89396	Kayonza	Mwiri				
30	Ka08Sb08	Mwiri Hp08	Groundwater	-01	52	41.33086	30	36	17.46817	Kayonza	Mwiri				
31	Ka08Sb09	Mwiri Hp09	Groundwater	-01	53	12.73352	30	36	36.60989	Kayonza	Mwiri				
32	Ka08Sb10	Mwiri Hp10	Groundwater	-01	53	20.86203	30	33	45.70165	Kayonza	Mwiri				
33	Ka08Sb11	Mwiri Hp11	Groundwater	-01	53	32.18061	30	33	42.72037	Kayonza	Mwiri				
34	Ka08Sb12	Mwiri Hp12	Groundwater	-01	53	33.90510	30	33	39.20560	Kayonza	Mwiri				
35	Ka08Sb13	Mwiri Hp13	Groundwater	-01	54	40.52876	30	40	48.24009	Kayonza	Mwiri				
36	Ka10Sb01	Rukara Hp01	Groundwater	-01	40	50.68173	30	28	59.93434	Kayonza	Rukara				
37	Ka10Sb02	Rukara Hp02	Groundwater	-01	42	04.65296	30	29	03.48018	Kayonza	Rukara				Development planned
38	Ka10Sb03	Rukara Hp03	Groundwater	-01	45	29.26501	30	27	32.88834	Kayonza	Rukara				Development planned
39	Ka10Sb04	Rukara Hp04	Groundwater	-01	45	57.89672	30	27	33.87898	Kayonza	Rukara				
40	Ka10Sb05	Rukara Hp05	Groundwater	-01	45	59.79200	30	27	36.52622	Kayonza	Rukara				
41	Ka10Sb06	Rukara Hp06	Groundwater	-01	46	04.13386	30	27	41.18341	Kayonza	Rukara				
42	Ka10Sb07	Rukara Hp07	Groundwater	-01	46	07.62448	30	27	48.31976	Kayonza	Rukara				
43	Ka10Sb08	Rukara Hp08	Groundwater	-01	46	09.25725	30	27	56.19932	Kayonza	Rukara				
44	Ka10Sb09	Rukara Hp09	Groundwater	-01	47	13.14797	30	26	55.48963	Kayonza	Rukara				
45	Ka10Sb10	Rukara Hp10	Groundwater	-01	47	36.82617	30	26	56.14955	Kayonza	Rukara				
46	Ka10Sb11	Rukara Hp11	Groundwater	-01	47	59.75031	30	27	03.06834	Kayonza	Rukara				
47	Ka10Sb12	Rukara Hp12	Groundwater	-01	48	00.81277	30	27	25.97438	Kayonza	Rukara				
48	Ka10Sb13	Rukara Hp13	Groundwater	-01	48	50.54756	30	26	39.21784	Kayonza	Rukara				
49	Ka10Sb14	Rukara Hp14	Groundwater	-01	49	09.98167	30	27	45.52889	Kayonza	Rukara				
50	Ka10Sb15	Rukara Hp15	Groundwater	-01	49	26.43270	30	27	28.77641	Kayonza	Rukara				
51	Ka10Sb16	Rukara Hp16	Groundwater	-01	49	58.70893	30	26	54.93411	Kayonza	Rukara				
52	Ka11Sb01	Ruramira Hp01	Groundwater	-02	02	05.15641	30	29	06.75808	Kayonza	Ruramira				
53	Ka11Sb02	Ruramira Hp02	Groundwater	-02	01	29.19100	30	29	13.31658	Kayonza	Ruramira				
54	Ka11Sb03	Ruramira Hp03	Groundwater	-01	59	41.13003	30	28	29.54736	Kayonza	Ruramira				
55	Ka11Sb04	Ruramira Hp04	Groundwater	-02	00	35.79026	30	29	05.04565	Kayonza	Ruramira				
56	Ka12Sb02	Rwinkwavu Hp01	Groundwater	-01	54	14.79474	30	36	29.32146	Kayonza	Rwinkwavu				
57	Ka12Sb03	Rwinkwavu Hp02	Groundwater	-01	54	40.72098	30	40	48.17521	Kayonza	Rwinkwavu				
58	Ka12Sb04	Rwinkwavu Hp03	Groundwater	-01	55	24.37705	30	40	30.91429	Kayonza	Rwinkwavu				
59	Ka12Sb05	Rwinkwavu Hp04	Groundwater	-01	55	56.99757	30	35	10.63661	Kayonza	Rwinkwavu				
60	Ka12Sb06	Rwinkwavu Hp05	Groundwater	-01	56	16.60187	30	36	13.92414	Kayonza	Rwinkwavu				
61	Ka12Sb07	Rwinkwavu Hp06	Groundwater	-01	57	09.29742	30	36	38.39473	Kayonza	Rwinkwavu				
62	Ka12Sb08	Rwinkwavu Hp07	Groundwater	-01	57	30.48318	30	36	37.06010	Kayonza	Rwinkwavu				
63	Ka12Sb09	Rwinkwavu Hp08	Groundwater	-01	57	37.94542	30	37	47.50540	Kayonza	Rwinkwavu				
64	Ka12Sb10	Rwinkwavu Hp09	Groundwater	-01	57	44.63911	30	35	22.64771	Kayonza	Rwinkwavu				
65	Ka12Sb11	Rwinkwavu Hp10	Groundwater	-01	57	46.12673	30	37	14.34354	Kayonza	Rwinkwavu				
66	Ka12Sb12	Rwinkwavu Hp11	Groundwater	-01	57	48.91579	30	35	05.42028	Kayonza	Rwinkwavu				
67	Ka12Sb13	Rwinkwavu Hp12	Groundwater	-01	58	00.84270	30	34	54.95052	Kayonza	Rwinkwavu				
68	Ka12Sb14	Rwinkwavu Hp13	Groundwater	-01	58	08.67157	30	35	58.51233	Kayonza	Rwinkwavu				
69	Ka12Sb15	Rwinkwavu Hp14	Groundwater	-01	58	24.79278	30	34	47.32684	Kayonza	Rwinkwavu				
70	Ka12Sb16	Rwinkwavu Hp15	Groundwater	-01	58	41.41068	30	34	48.66238	Kayonza	Rwinkwavu				
71	Ka12Sb17	Rwinkwavu Hp16	Groundwater	-01	58	57.33033	30	34	46.87150	Kayonza	Rwinkwavu				
72	Ka12Sb18	Rwinkwavu Hp17	Groundwater	-01	59	09.85410	30	34	42.53356	Kayonza	Rwinkwavu				
73	Ka12Sb19	Rwinkwavu Hp18	Groundwater	-01	59	31.82652	30	34	09.47611	Kayonza	Rwinkwavu				

D2. Liste des ressources en eau de la Province de l'Est

2.4 District du Rwamagana

No	Source Code No.	Name of Source	Type	Latitude			Longitude			Location			Discharge (lit/s)	Note
				°	'	"	°	'	"	Secteur	Cell	Umudugudu		
1	Rw01Ss01		Spring	-01	50	40.40273	30	15	49.48962	Fumbwe				
2	Rw01Ss02		Spring	-01	53	35.49381	30	16	52.40750	Fumbwe				
3	Rw01Ss03		Spring	-01	53	37.27503	30	16	52.27202	Fumbwe				
4	Rw01Ss04		Spring	-01	53	01.81445	30	16	05.17240	Fumbwe				
5	Rw02Ss01	Mugomero	Spring	-01	57	56.76970	30	18	54.05923	Gahengeri				
6	Rw02Ss02		Spring	-01	56	23.51553	30	17	04.30122	Gahengeri				
7	Rw02Ss03		Spring	-01	57	05.52194	30	16	25.93209	Gahengeri				
8	Rw02Ss04		Spring	-01	56	12.03641	30	17	57.69653	Gahengeri				
9	Rw02Ss05		Spring	-01	55	56.06275	30	16	41.19996	Gahengeri				
10	Rw02Ss06		Spring	-01	53	38.24515	30	17	21.70608	Gahengeri				
11	Rw02Ss07		Spring	-01	53	43.29522	30	17	42.51043	Gahengeri				
12	Rw02Ss08		Spring	-01	55	05.88439	30	18	55.48378	Gahengeri				
13	Rw02Ss09		Spring	-01	57	06.48422	30	18	57.06132	Gahengeri				
New	Rw02Ss10	Source to exploit	Spring	-01	56	23.61994	30	17	30.88798	Gahengeri				Development planned
14	Rw05Ss01		Spring	-01	56	28.98171	30	26	23.20978	Kigabiro				
15	Rw08Ss01		Spring	-01	56	40.58273	30	21	16.25459	Munyiginya	Nyakagezi			
16	Rw08Ss02		Spring	-01	55	42.67990	30	21	38.39630	Munyiginya	Ngaruye			
17	Rw08Ss03		Spring	-01	54	48.71067	30	22	18.02131	Munyiginya	Gakatsi			
18*	Rw09Ss02	Kagarama	Spring	-01	55	51.26224	30	21	19.26454	Musha				Rehab. Planned
19	Rw10Ss01		Spring	-01	59	37.26644	30	15	20.42430	Muyumbu				
20	Rw10Ss02		Spring	-02	00	02.79225	30	15	14.02240	Muyumbu				
21	Rw10Ss03		Spring	-01	59	12.00406	30	15	56.40358	Muyumbu				
22	Rw10Ss04		Spring	-01	59	11.03303	30	16	38.13027	Muyumbu				
23	Rw10Ss05		Spring	-01	57	24.00072	30	16	20.32500	Muyumbu				
24	Rw10Ss06		Spring	-01	59	53.15139	30	17	32.14084	Muyumbu				
25	Rw11Ss01	Rwakibogo	Spring	-01	58	46.06304	30	25	23.39115	Mwulire				
26	Rw11Ss02	Byimana	Spring	-02	00	37.98911	30	21	58.04978	Mwulire				
27	Rw11Ss03	Mugatatare	Spring	-01	58	41.62673	30	21	05.12430	Mwulire				
28	Rw13Ss01		Spring	-01	59	49.82884	30	20	12.96013	Nziqe				
29	Rw14Ss01		Spring	-02	01	26.01027	30	23	38.81477	Rubona				
30	Rw14Ss02		Spring	-02	01	22.89985	30	23	58.60374	Rubona				
31	Rw14Ss03		Spring	-01	59	41.13999	30	23	06.72804	Rubona				
32	Rw14Ss04		Spring	-02	01	29.35274	30	25	01.63358	Rubona				
33	Rw14Ss05		Spring	-02	02	08.91649	30	25	17.96873	Rubona				
34	Rw14Ss06		Spring	-02	02	49.98477	30	22	52.12281	Rubona				
1	Rw04SI01	Intake (Mugesera)	Lake	-02	05	57.80662	30	18	25.10284	Karenge				
2	Rw04SI02	Treatment Plant	Lake	-02	05	27.00594	30	18	12.82077	Karenge				
3	Rw06SI01	Plant (Muhazi Lake)	Lake	-01	54	05.46921	30	25	48.81618	Muhazi				
1	Rw07Sb01	Munyaga Hp01	Groundwater	-02	03	41.61484	30	27	03.25814	Munyaga				
2	Rw07Sb02	Munyaga Hp02	Groundwater	-02	04	21.61252	30	26	21.58335	Munyaga				
3	Rw07Sb03	Munyaga Hp03	Groundwater	-02	04	16.35666	30	26	45.36144	Munyaga				
4	Rw07Sb04	Munyaga Hp04	Groundwater	-02	02	00.43012	30	25	43.36600	Munyaga				
5	Rw07Sb05	Munyaga Hp05	Groundwater	-02	02	19.02356	30	25	35.74202	Munyaga				

D2. Liste des ressources en eau de la Province de l'Est

2.5 District du Ngoma (1/4)

No.	Code No.	Name of Source	Type	Latitude			Longitude			Location				Discharge (m ³ /s)	Note
				°	'	"	°	'	"	District	Secteur	Cell	Umudugud		
*1	Ng01Ss03	Cyerwa	Spring	-02	11	02.28717	30	27	04.80823	Ngoma	Gashanda				Replacement planned
2	Ng01Ss04	Kwamuhire	Spring	-02	08	32.26505	30	30	21.05490	Ngoma	Gashanda				
3	Ng01Ss05		Spring	-02	08	29.67363	30	29	50.04360	Ngoma	Gashanda				
4	Ng01Ss06		Spring	-02	10	46.34036	30	26	28.65121	Ngoma	Gashanda				
5	Ng01Ss07		Spring	-02	10	03.42086	30	29	21.62100	Ngoma	Gashanda				
6	Ng01Ss08		Spring	-02	09	07.20783	30	28	51.66854	Ngoma	Gashanda				
7	Ng01Ss09		Spring	-02	09	01.02319	30	28	52.64922	Ngoma	Gashanda				
8	Ng01Ss10		Spring	-02	12	25.47682	30	27	26.92790	Ngoma	Gashanda				
9	Ng01Ss11		Spring	-02	12	53.53853	30	26	15.86190	Ngoma	Gashanda				
10	Ng01Ss12		Spring	-02	07	38.91440	30	28	44.37679	Ngoma	Gashanda				
11	Ng01Ss13		Spring	-02	12	11.19446	30	27	50.77237	Ngoma	Gashanda				
12	Ng01Ss14		Spring	-02	10	45.24079	30	28	13.74599	Ngoma	Gashanda				
13	Ng01Ss15		Spring	-02	11	08.30071	30	28	40.99720	Ngoma	Gashanda				
14	Ng01Ss16		Spring	-02	11	59.10370	30	28	23.67955	Ngoma	Gashanda				
15	Ng02Ss01		Spring	-02	17	02.53476	30	23	12.61486	Ngoma	Jarama				
16	Ng02Ss02		Spring	-02	15	54.02940	30	21	24.66221	Ngoma	Jarama				
17	Ng02Ss03		Spring	-02	15	32.40279	30	25	37.02687	Ngoma	Jarama				
18	Ng03Ss02		Spring	-02	05	06.80630	30	26	06.49593	Ngoma	Karembo				
19	Ng03Ss03		Spring	-02	06	08.56516	30	27	15.65035	Ngoma	Karembo				
20	Ng03Ss04		Spring	-02	05	56.19679	30	25	33.73147	Ngoma	Karembo				
21	Ng03Ss05		Spring	-02	10	35.08062	30	26	20.19742	Ngoma	Karembo				
22	Ng03Ss06		Spring	-02	10	55.22052	30	27	01.78591	Ngoma	Karembo				
23	Ng03Ss07		Spring	-02	09	23.83749	30	27	22.87210	Ngoma	Karembo				
24	Ng03Ss08		Spring	-02	06	06.83645	30	26	36.19553	Ngoma	Karembo				
25	Ng03Ss09		Spring	-02	08	13.47819	30	27	22.34706	Ngoma	Karembo				
26	Ng04Ss01	Fagoma	Spring	-02	14	08.35224	30	29	44.35262	Ngoma	Kazo				
27	Ng04Ss02	Nyayagezi 1	Spring	-02	10	47.21272	30	30	42.57590	Ngoma	Kazo				
28	Ng04Ss03	Nyayagezi 2	Spring	-02	12	19.07734	30	28	27.16083	Ngoma	Kazo				
29	Ng04Ss04		Spring	-02	11	51.33277	30	29	29.36447	Ngoma	Kazo				
30	Ng04Ss05		Spring	-02	13	25.41916	30	28	48.02945	Ngoma	Kazo				
31	Ng04Ss06		Spring	-02	11	39.48944	30	29	15.56823	Ngoma	Kazo				
32	Ng04Ss07		Spring	-02	13	29.12373	30	28	57.05867	Ngoma	Kazo				
33	Ng04Ss08		Spring	-02	12	13.03935	30	28	30.46045	Ngoma	Kazo				
34	Ng04Ss09	Rwarutene	Spring	-02	14	08.11507	30	29	46.77838	Ngoma	Kazo				
35	Ng04Ss10		Spring	-02	10	42.08390	30	29	50.17697	Ngoma	Kazo				
*36	Ng04Ss11	Rwamugende 1	Spring	-02	10	13.20415	30	30	53.42708	Ngoma	Kazo				Ng04Ss11 and 12 to be integrated
*37	Ng04Ss12	Rwamugende 2	Spring	-02	10	12.95219	30	30	58.15427	Ngoma	Kazo				
38	Ng04Ss13	Nyamuhainuli	Spring	-02	11	32.86576	30	30	45.22405	Ngoma	Kazo				
New	Ng04Ss14	Source to exploit	Spring	-02	11	01.65055	30	30	29.48595	Ngoma	Kazo				Development planned
*39	Ng05Ss02	Nyamuganda	Spring	-02	10	04.92508	30	33	40.37307	Ngoma	Kibungo				Works on-going
40	Ng05Ss03		Spring	-02	07	03.49275	30	34	49.53534	Ngoma	Kibungo				
41	Ng05Ss04		Spring	-02	06	32.73220	30	34	36.34742	Ngoma	Kibungo				

D2. Liste des ressources en eau de la Province de l'Est

2.5 District du Ngoma (2/4)

42	Ng05Ss05		Spring	-02	06	06.17049	30	35	52.07845	Ngoma	Kibungo				
43	Ng05Ss06		Spring	-02	09	22.47208	30	31	56.27375	Ngoma	Kibungo				
44	Ng05Ss07	Source Plant	Spring	-02	09	10.61849	30	31	53.04535	Ngoma	Kibungo				Rwasaburo Plant
45	Ng06Ss01		Spring	-02	05	38.01946	30	25	18.27684	Ngoma	Mugesera				
46	Ng06Ss02		Spring	-02	06	27.67128	30	24	21.01732	Ngoma	Mugesera				
47	Ng06Ss03		Spring	-02	07	01.00362	30	24	09.41569	Ngoma	Mugesera				
48	Ng06Ss04		Spring	-02	07	22.86017	30	23	35.25505	Ngoma	Mugesera				
49	Ng06Ss05		Spring	-02	06	20.51561	30	23	23.92288	Ngoma	Mugesera				
50	Ng06Ss06		Spring	-02	08	19.87073	30	24	48.35936	Ngoma	Mugesera				
51	Ng06Ss07		Spring	-02	07	12.87049	30	22	32.09275	Ngoma	Mugesera				
52	Ng07Ss01		Spring	-02	15	03.13861	30	32	52.32173	Ngoma	Murama				
53	Ng07Ss02		Spring	-02	12	19.83020	30	35	52.27278	Ngoma	Murama				
54	Ng07Ss03		Spring	-02	12	20.61155	30	33	47.91824	Ngoma	Murama				
55	Ng07Ss04		Spring	-02	14	04.94731	30	33	04.42275	Ngoma	Murama				
56	Ng07Ss05		Spring	-02	15	28.29266	30	34	43.79789	Ngoma	Murama				
57	Ng07Ss06		Spring	-02	14	06.38997	30	35	03.43961	Ngoma	Murama				
58	Ng07Ss07		Spring	-02	12	47.50627	30	34	25.37464	Ngoma	Murama				
59	Ng07Ss08		Spring	-02	12	44.97913	30	34	20.58438	Ngoma	Murama				
60	Ng07Ss09		Spring	-02	12	44.14751	30	33	29.95580	Ngoma	Murama				
61	Ng07Ss10		Spring	-02	11	47.01203	30	32	24.15441	Ngoma	Murama				
62	Ng07Ss11		Spring	-02	14	23.52476	30	32	52.68383	Ngoma	Murama				
63	Ng07Ss12		Spring	-02	13	15.90563	30	33	04.15480	Ngoma	Murama				
64	Ng07Ss13		Spring	-02	14	08.38423	30	35	03.76489	Ngoma	Murama				
65	Ng08Ss01	Shyagashya	Spring	-02	14	54.40600	30	30	40.77718	Ngoma	Mutenderi				
66	Ng08Ss02		Spring	-02	15	26.95924	30	29	02.09999	Ngoma	Mutenderi				
67	Ng08Ss03		Spring	-02	15	02.37790	30	30	41.05087	Ngoma	Mutenderi				
68	Ng08Ss04		Spring	-02	14	58.20140	30	30	39.75878	Ngoma	Mutenderi				
69	Ng08Ss05		Spring	-02	16	45.25634	30	29	55.76354	Ngoma	Mutenderi				
70	Ng08Ss06		Spring	-02	16	32.81736	30	30	45.93316	Ngoma	Mutenderi				
New	Ng08Ss07	Source to exploit	Spring	-02	15	09.02953	30	30	42.55298	Ngoma	Mutenderi				Develoment planned
71	Ng09Ss01		Spring	-02	05	31.54062	30	33	10.89556	Ngoma	Remera				
72	Ng09Ss02		Spring	-02	05	27.73919	30	33	12.00841	Ngoma	Remera				
73	Ng09Ss03		Spring	-02	03	54.99347	30	32	11.42937	Ngoma	Remera				
74	Ng09Ss04		Spring	-02	03	36.64625	30	33	40.62593	Ngoma	Remera				
75	Ng10Ss03		Spring	-02	10	25.20077	30	34	47.79817	Ngoma	Rukira				
76	Ng10Ss04		Spring	-02	11	54.06872	30	34	49.83467	Ngoma	Rukira				
77	Ng10Ss05		Spring	-02	08	13.14143	30	35	48.88293	Ngoma	Rukira				
78	Ng10Ss06		Spring	-02	11	31.92611	30	33	56.50213	Ngoma	Rukira				
79	Ng10Ss07		Spring	-02	09	15.21804	30	35	18.84749	Ngoma	Rukira				
80	Ng10Ss08		Spring	-02	08	49.91613	30	35	30.88786	Ngoma	Rukira				
81	Ng10Ss09		Spring	-02	08	30.14044	30	39	00.22770	Ngoma	Rukira				
82	Ng10Ss10		Spring	-02	10	29.67208	30	34	38.64765	Ngoma	Rukira				
83	Ng10Ss11		Spring	-02	09	49.44085	30	35	02.70575	Ngoma	Rukira				
84	Ng10Ss12	Nyakayanja 1	Spring	-02	09	32.59333	30	38	48.02228	Ngoma	Rukira				

D2. Liste des ressources en eau de la Province de l'Est

2.5 District du Ngoma (3/4)

85	Ng10Ss13	Nyakayanja 2	Spring	-02	09	33.91589	30	38	48.72686	Ngoma	Rukira				
86	Ng10Ss14	Gasovo	Spring	-02	07	27.80251	30	39	07.10364	Ngoma	Rukira				
New	Ng10Ss15	Source to exploit	Spring	-02	07	48.14657	30	37	27.30576	Ngoma	Rukira				Develoment planned
87	Ng12Ss01		Spring	-02	07	19.01107	30	28	27.50301	Ngoma	Rurenge				
88	Ng12Ss02		Spring	-02	07	30.22525	30	30	44.50619	Ngoma	Rurenge				
89	Ng12Ss03		Spring	-02	07	11.63754	30	29	27.73805	Ngoma	Rurenge				
90	Ng12Ss04		Spring	-02	05	32.04243	30	27	47.01439	Ngoma	Rurenge				
91	Ng12Ss05		Spring	-02	07	09.40400	30	31	31.60099	Ngoma	Rurenge				
92	Ng12Ss06		Spring	-02	05	07.51450	30	27	16.45964	Ngoma	Rurenge				
93	Ng12Ss07	Rwasaburo	Spring	-02	09	10.61849	30	31	53.04535	Ngoma	Rurenge				
94	Ng12Ss08		Spring	-02	09	22.47208	30	31	56.27375	Ngoma	Rurenge				
95	Ng12Ss09	Gitobe	Spring	-02	05	50.21795	30	31	28.30770	Ngoma	Rurenge				
96	Ng12Ss10		Spring	-02	06	55.36394	30	31	03.71822	Ngoma	Rurenge				
New	Ng12Ss11	Source to exploit	Spring	-02	05	49.04695	30	31	29.58975	Ngoma	Rurenge				Develoment planned
New	Ng12Ss12	Source to exploit	Spring	-02	08	25.79792	30	30	29.10885	Ngoma	Rurenge				Develoment planned
97	Ng13Ss02		Spring	-02	12	54.23345	30	23	40.21881	Ngoma	Sake				
98	Ng13Ss03		Spring	-02	13	01.62750	30	24	30.45119	Ngoma	Sake				
99	Ng13Ss04		Spring	-02	14	22.42851	30	23	59.45286	Ngoma	Sake				
100	Ng13Ss05	Rwahita	Spring	-02	11	57.47335	30	25	21.76805	Ngoma	Sake				
101	Ng13Ss06	Gaseta	Spring	-02	11	56.01530	30	25	27.13615	Ngoma	Sake				
102	Ng14Ss02		Spring	-02	06	54.58362	30	24	56.34212	Ngoma	Zaza				
103	Ng14Ss03		Spring	-02	06	48.07672	30	24	46.72961	Ngoma	Zaza				
104	Ng14Ss04		Spring	-02	05	50.47172	30	25	24.32114	Ngoma	Zaza				
105	Ng14Ss05		Spring	-02	07	31.52730	30	25	56.35748	Ngoma	Zaza				
106	Ng14Ss06		Spring	-02	09	05.87108	30	24	53.57599	Ngoma	Zaza				
107	Ng14Ss07		Spring	-02	06	04.87870	30	25	34.97075	Ngoma	Zaza				
108	Ng14Ss08		Spring	-02	09	11.93321	30	25	31.95659	Ngoma	Zaza				
109	Ng14Ss09		Spring	-02	09	07.38526	30	25	14.55867	Ngoma	Zaza				
110	Ng14Ss10		Spring	-02	09	07.24494	30	25	13.96362	Ngoma	Zaza				
111	Ng14Ss11		Spring	-02	07	24.30223	30	25	54.93383	Ngoma	Zaza				
112	Ng14Ss12		Spring	-02	05	57.45358	30	24	26.56980	Ngoma	Zaza				
113	Ng14Ss13		Spring	-02	07	20.70267	30	25	14.38607	Ngoma	Zaza				
114	Ng14Ss14		Spring	-02	07	54.83526	30	26	21.34950	Ngoma	Zaza				
115	Ng14Ss15		Spring	-02	10	08.54968	30	26	18.25869	Ngoma	Zaza				
116	Ng14Ss16		Spring	-02	10	08.51890	30	26	04.30825	Ngoma	Zaza				
117	Ng14Ss17		Spring	-02	11	36.97799	30	24	09.70839	Ngoma	Zaza				
118	Ng14Ss18		Spring	-02	11	50.57840	30	24	50.62338	Ngoma	Zaza				
1	Ng04Sb01	Kazo Hp01	Groundwater	-02	13	16.86700	30	28	36.72656	Ngoma	Kazo				
2	Ng07Sb01	Murama Hp01	Groundwater	-02	14	54.05145	30	33	10.25102	Ngoma	Murama				
3	Ng07Sb02	Murama Hp02	Groundwater	-02	16	35.88675	30	32	58.69677	Ngoma	Murama				
4	Ng07Sb03	Murama Hp03	Groundwater	-02	16	28.28570	30	32	55.89142	Ngoma	Murama				
5	Ng07Sb04	Murama Hp04	Groundwater	-02	14	33.11611	30	33	10.65399	Ngoma	Murama				
6	Ng07Sb05	Murama Hp05	Groundwater	-02	13	02.50619	30	33	30.66129	Ngoma	Murama				
7	Ng07Sb06	Murama Hp06	Groundwater	-02	14	13.35463	30	33	18.36353	Ngoma	Murama				

D2. Liste des ressources en eau de la Province de l'Est

2.5 District du Ngoma (4/4)

8	Ng07Sb07	Murama Hp07	Groundwater	-02	12	23.90199	30	33	40.81694	Ngoma	Murama				
9	Ng07Sb08	Murama Hp08	Groundwater	-02	13	27.80237	30	33	24.16374	Ngoma	Murama				
10	Ng07Sb09	Murama Hp09	Groundwater	-02	14	02.83990	30	33	20.90546	Ngoma	Murama				
11	Ng07Sb10	Murama Hp10	Groundwater	-02	15	24.33041	30	33	01.93634	Ngoma	Murama				
12	Ng07Sb11	Murama Hp11	Groundwater	-02	15	44.90754	30	32	55.67385	Ngoma	Murama				
13	Ng07Sb12	Murama Hp12	Groundwater	-02	13	41.90180	30	33	20.23270	Ngoma	Murama				
14	Ng12Sb01	Rurenge Hp01	Groundwater	-02	06	46.83140	30	30	28.37773	Ngoma	Rurenge				
15	Ng12Sb02	Rurenge Hp02	Groundwater	-02	05	07.23870	30	27	17.43067	Ngoma	Rurenge				
16	Ng12Sb03	Rurenge Hp03	Groundwater	-02	06	36.76115	30	29	59.27439	Ngoma	Rurenge				
17	Ng12Sb04	Rurenge Hp04	Groundwater	-02	05	50.99103	30	29	23.64091	Ngoma	Rurenge				
18	Ng12Sb05	Rurenge Hp05	Groundwater	-02	05	21.47218	30	29	08.38118	Ngoma	Rurenge				

D2. Liste des ressources en eau de la Province de l'Est

2.6 District du Kirehe (1/2)

No.	Source Code No.	Name of Source	Type	Latitude			Longitude			Location			Discharge (lit/s)	Note
				°	'	"	°	'	"	Secteur	Cell	Umudugudu		
1	Ki01Ss02		Spring	-02	22	21.91444	30	32	17.06815	Gahara				
2	Ki01Ss04	Gashongora (Rubona)	Spring	-02	18	59.40256	30	31	59.27464	Gahara			3	
3	Ki02Ss01		Spring	-02	20	47.42159	30	34	06.81589	Gatore				
4	Ki02Ss03		Spring	-02	20	47.41586	30	34	04.81138	Gatore				
5	Ki02Ss04		Spring	-02	19	49.26983	30	33	25.62541	Gatore				
6	Ki02Ss05		Spring	-02	22	49.48762	30	33	15.18612	Gatore				
7	Ki02Ss06	Gahezi (Gatore 1&2)	Spring	-02	17	39.51887	30	35	15.32548	Gatore				
8	Ki02Ss07		Spring	-02	15	46.10609	30	35	14.36109	Gatore				
9	Ki03Ss01	Gashanga II-	Spring	-02	28	48.48862	30	42	19.81986	Kigarama			Gashanga 2	
10	Ki03Ss02	Gashanga I	Spring	-02	28	50.65608	30	42	33.64175	Kigarama			Gashanga-1	
11	Ki03Ss03	Nyakagera	Spring	-02	20	13.77512	30	41	04.57525	Kigarama			Nyakagera	
12	Ki03Ss04		Spring	-02	21	10.60312	30	39	35.45201	Kigarama				
13	Ki03Ss05		Spring	-02	18	31.78722	30	43	01.75278	Kigarama				
14	Ki03Ss06	Nyagashankara	Spring	-02	21	46.49098	30	40	54.54905	Kigarama			Nyagashakara	
15	Ki03Ss07		Spring	-02	20	09.66169	30	40	13.06134	Kigarama				
16	Ki04Ss01	Muguruka	Spring	-02	17	10.09537	30	42	05.80092	Kigina	Muguruka			
17	Ki04Ss02	Kabugwe, Gasebura	Spring	-02	17	17.54343	30	42	53.31153	Kigina	Gasebura			
18	Ki04Ss03	Ruhama	Spring	-02	17	58.09119	30	42	14.05616	Kigina				
19	Ki04Ss04	Gasarasi	Spring	-02	13	49.18699	30	41	33.60406	Kigina				
20	Ki04Ss05		Spring	-02	16	10.71760	30	44	07.90135	Kigina	Gahama			
21	Ki04Ss06		Spring	-02	16	08.79275	30	44	07.03020	Kigina				
22	Ki04Ss07		Spring	-02	17	13.07604	30	43	29.75038	Kigina				
23	Ki04Ss08		Spring	-02	15	57.35557	30	40	53.12178	Kigina				
*24	Ki04Ss09	Rwakiriba	Spring	-02	14	19.66751	30	41	10.62832	Kigina	Koheve			Replacement planned
25	Ki05Ss01		Spring	-02	16	01.36189	30	38	08.08284	Kirehe				
26	Ki05Ss02		Spring	-02	13	51.28595	30	39	00.61786	Kirehe				
27	Ki05Ss03		Spring	-02	15	02.95937	30	38	58.78534	Kirehe				
28	Ki05Ss04		Spring	-02	15	33.25251	30	37	48.67317	Kirehe				
29	Ki05Ss05		Spring	-02	14	28.10440	30	37	18.72825	Kirehe				
30	Ki05Ss06		Spring	-02	14	51.15617	30	37	29.84316	Kirehe				
33	Ki07Ss01	Kertav	Spring	-02	07	50.27010	30	47	37.15670	Mpanga	Keretav			
34	Ki07Ss02	Kayanga	Spring	-02	05	58.52237	30	47	56.54736	Mpanga	Kayanga			
35	Ki07Ss03	Gakirarugo	Spring	-02	09	32.45482	30	48	53.06124	Mpanga	Gakirarugo			
36	Ki07Ss04	Nyagahanga	Spring	-02	11	32.93063	30	49	13.39999	Mpanga	Nyagahanga			
37	Ki07Ss05	Nyagatovu	Spring	-02	11	26.80695	30	48	11.51017	Mpanga				
38	Ki07Ss06	Rwakiriba	Spring	-02	11	51.43053	30	48	02.06514	Mpanga				
39	Ki07Ss07		Spring	-02	10	53.86114	30	48	21.88911	Mpanga	Nyakagera			
40	Ki07Ss08		Spring	-02	06	07.75678	30	45	36.64166	Mpanga	Kansinzi			
41	Ki07Ss09		Spring	-02	10	06.01831	30	47	20.90543	Mpanga	Kamarobe			
42	Ki07Ss10		Spring	-02	10	29.26743	30	49	39.97167	Mpanga				
New	Ki07Ss11	Source to exploit								Mpanga				Development planned
?	Ki08Ss01	Gashyuha	Spring	?	?	?	?	?	?	Musaza				
43	Ki08Ss03	Nyamigano	Spring	-02	19	46.03659	30	35	42.81024	Musaza				
*44	Ki08Ss04		Spring	-02	20	40.60811	30	36	59.25672	Musaza				Replacement planned

D2. Liste des ressources en eau de la Province de l'Est

2.6 District du Kirehe (2/2)

45	Ki08Ss05		Spring	-02	19	42.46027	30	35	34.95573	Musaza				
46	Ki08Ss06		Spring	-02	19	46.53328	30	35	43.90378	Musaza				
47	Ki08Ss07	Nyabuogo	Spring	-02	21	51.81111	30	35	02.44957	Musaza				
48	Ki09Ss01		Spring	-02	10	09.05963	30	43	37.87647	Mushikiri				
49	Ki09Ss02		Spring	-02	09	57.24105	30	43	47.28710	Mushikiri				
50	Ki09Ss03		Spring	-02	10	34.81055	30	42	41.91057	Mushikiri				
51	Ki09Ss04		Spring	-02	09	00.13333	30	40	28.10019	Mushikiri				
52	Ki09Ss05		Spring	-02	08	36.71855	30	39	34.84278	Mushikiri				
53	Ki09Ss06		Spring	-02	11	31.30723	30	38	07.52280	Mushikiri				
54	Ki09Ss07		Spring	-02	11	57.48240	30	37	17.51100	Mushikiri				
55	Ki09Ss08		Spring	-02	13	11.71012	30	36	05.48242	Mushikiri				
56	Ki09Ss09		Spring	-02	14	06.72431	30	35	03.56302	Mushikiri				
57	Ki09Ss10		Spring	-02	14	49.96909	30	35	39.85281	Mushikiri				
New	Ki09Ss11	Source to exploit								Mushikiri				Development planned
*58	Ki10Ss05		Spring	-02	08	25.60938	30	43	41.20324	Nasho				Replacement planned
*59	Ki10Ss06		Spring	-02	09	02.00478	30	43	35.30316	Nasho				Replacement planned
60	Ki10Ss07	Kabahimba1	Spring	-02	08	08.01593	30	40	27.36633	Nasho				
61	Ki10Ss08	Kireranyana1	Spring	-02	08	14.48723	30	42	20.93542	Nasho				
62	Ki10Ss09	Kabahimba2	Spring	-02	08	25.60938	30	43	41.20324	Nasho				
63	Ki10Ss10	Kireranyana2	Spring	-02	08	26.24185	30	42	11.51966	Nasho				
64	Ki10Ss11	Nyakijima	Spring	-02	08	10.88315	30	41	18.67626	Nasho				
65	Ki10Ss12	Gikombe	Spring	-02	07	45.58727	30	40	09.25539	Nasho				
67	Ki11Ss02		Spring	-02	15	38.55000	30	44	43.26507	Nyamugali				
68	Ki11Ss03		Spring	-02	14	07.30151	30	44	04.18773	Nyamugali				
*69	Ki11Ss04		Spring	-02	15	37.43323	30	44	42.00798	Nyamugali				Ki11Ss04, 05 and 06 planned for integration
*70	Ki11Ss05		Spring	-02	15	36.80469	30	44	41.98777	Nyamugali				
*71	Ki11Ss06		Spring	-02	15	36.66951	30	44	41.69145	Nyamugali				
*72	Ki12Ss01	Kamombo	Spring	-02	13	05.30461	30	47	56.48400	Nyarubuye				Rehabilitation planned
*73	Ki12Ss02	Nyakagera	Spring	-02	12	34.66536	30	48	20.20022	Nyarubuye				Rehabilitation planned
74	Ki12Ss04	Mayizi	Spring	-02	14	37.91726	30	45	57.68953	Nyarubuye				
75	Ki12Ss05		Spring	-02	09	36.17086	30	43	36.77991	Nyarubuye				
76	Ki12Ss06		Spring	-02	14	37.98395	30	45	14.51746	Nyarubuye				
77	Ki12Ss07		Spring	-02	12	23.92553	30	47	41.38178	Nyarubuye				
78	Ki12Ss08		Spring	-02	09	47.82076	30	44	10.96259	Nyarubuye				
79	Ki12Ss09		Spring	-02	09	47.81956	30	44	11.75709	Nyarubuye				
80	Ki12Ss10		Spring	-02	10	08.96368	30	44	40.27806	Nyarubuye				
81	Ki12Ss11		Spring	-02	10	23.26294	30	44	46.61598	Nyarubuye				
82	Ki12Ss12		Spring	-02	10	08.96368	30	44	40.27806	Nyarubuye				
83	Ki12Ss13		Spring	-02	10	23.26294	30	44	46.61598	Nyarubuye				
84	Ki12Ss14		Spring	-02	11	51.39312	30	48	01.94595	Nyarubuye				
85	Ki12Ss15	Kamsare	Spring	-02	09	19.72677	30	45	39.23248	Nyarubuye				
New	Ki12Ss16	Source to exploit	Spring	-02	13	12.35643	30	45	26.23736	Nyarubuye				Development planned
New	Ki12Ss17	Source to exploit	Spring	-02	10	49.52049	30	45	08.70170	Nyarubuye				Development planned
1	Ki02Sb01	Gatore Hp01	Groundwater	-02	17	25.18853	30	34	00.05160	Gatore				
2	Ki02Sb02	Gatore Hp02	Groundwater	-02	19	19.80770	30	33	43.05139	Gatore				

D2. Liste des ressources en eau de la Province de l'Est

2.7 District du Bugesera (1/2)

No	Source Code	Name of Source	Type	Latitude			Longitude			Location				Discharge (lit/s)	Note
				°	'	"	°	'	"	District	Secteur	Cell	Umudugudu		
1	Rw04SI02	Karenge Plant	Lake	-02	05	27.00594	30	18	12.82077	Rwamagana	Karenge				
2	Bu11SI01	Cyohoha South Lake	Lake	-02	20	26.44132	30	00	08.95217	Bugesera	Nyarugenge			500+500	
1	Bu06Ss01		Spring	-02	10	32.92311	30	02	01.60334	Bugesera	Musenyi				
2	Bu06Ss02		Spring	-02	10	24.38846	30	03	03.33143	Bugesera	Musenyi				
3	Bu06Ss03		Spring	-02	11	21.47143	30	02	11.47444	Bugesera	Musenyi				
4	Bu06Ss04		Spring	-02	09	22.54601	30	00	04.99052	Bugesera	Musenyi				
5	Bu06Ss05		Spring	-02	09	57.64449	29	59	46.23474	Bugesera	Musenyi				
6	Bu06Ss06		Spring	-02	10	23.88997	30	03	03.28527	Bugesera	Musenyi				
7	Bu09Ss01		Spring	-02	10	23.88997	30	03	03.28527	Bugesera	Ntarama				
8	Bu010Ss01		Spring	-02	08	03.35965	30	06	47.13408	Bugesera	Nyamata				
9	Bu010Ss02		Spring	-02	08	03.35966	30	03	36.14417	Bugesera	Nyamata				
10	Bu010Ss03		Spring	-02	08	03.35967	30	04	56.02153	Bugesera	Nyamata				
11	Bu010Ss04		Spring	-02	08	03.35968	30	04	56.27500	Bugesera	Nyamata				
1	Bu02Sb01	Juru Hp01	Groundwater	-02	08	11.73348	30	13	30.62314	Bugesera	Juru				
2	Bu02Sb02	Juru Hp02	Groundwater	-02	04	27.86444	30	14	03.74517	Bugesera	Juru				
3	Bu02Sb03	Juru Hp03	Groundwater	-02	04	21.84788	30	12	04.66495	Bugesera	Juru				
4	Bu05Sb01	Mayange Hp01	Groundwater	-02	12	23.45812	30	06	38.65887	Bugesera	Mayange				
5	Bu05Sb02	Mayange Hp02	Groundwater	-02	12	46.67948	30	06	38.90178	Bugesera	Mayange				
6	Bu05Sb03	Mayange Hp03	Groundwater	-02	11	00.80075	30	07	07.83916	Bugesera	Mayange				
7	Bu05Sb04	Mayange Hp04	Groundwater	-02	10	58.91060	30	07	08.15388	Bugesera	Mayange				
8	Bu05Sb05	Mayange Hp05	Groundwater	-02	12	54.57171	30	05	28.08533	Bugesera	Mayange				
9	Bu05Sb06	Mayange Hp06	Groundwater	-02	12	57.59916	30	05	28.91181	Bugesera	Mayange				
10	Bu05Sb07	Mayange Hp07	Groundwater	-02	13	38.55246	30	06	07.70038	Bugesera	Mayange				
11	Bu05Sb08	Mayange Hp08	Groundwater	-02	13	58.38549	30	06	05.35127	Bugesera	Mayange				
12	Bu05Sb09	Mayange Hp09	Groundwater	-02	13	59.50739	30	06	43.30459	Bugesera	Mayange				
13	Bu05Sb10	Mayange Hp10	Groundwater	-02	14	08.13589	30	07	20.77542	Bugesera	Mayange				
14	Bu06Sb01	Musenyi Hp01	Groundwater	-02	12	43.78963	30	05	24.36084	Bugesera	Musenyi				
15	Bu06Sb02	Musenyi Hp02	Groundwater	-02	11	02.56327	30	01	55.66222	Bugesera	Musenyi				
16	Bu06Sb03	Musenyi Hp03	Groundwater	-02	10	09.78383	30	01	52.46700	Bugesera	Musenyi				
17	Bu06Sb04	Musenyi Hp04	Groundwater	-02	10	27.36853	30	00	46.17497	Bugesera	Musenyi				
18	Bu06Sb05	Musenyi Hp05	Groundwater	-02	09	44.79664	30	00	41.19068	Bugesera	Musenyi				
19	Bu06Sb06	Musenyi Hp06	Groundwater	-02	08	30.11720	30	00	43.75343	Bugesera	Musenyi				
20	Bu06Sb07	Musenyi Hp07	Groundwater	-02	11	29.34586	29	59	38.67503	Bugesera	Musenyi				
21	Bu06Sb08	Musenyi Hp08	Groundwater	-02	11	00.33304	29	59	42.22239	Bugesera	Musenyi				
22	Bu07Sb01	Mwogo Hp01	Groundwater	-02	04	13.62885	30	09	33.51670	Bugesera	Mwogo				
23	Bu07Sb02	Mwogo Hp02	Groundwater	-02	05	51.17721	30	07	02.35911	Bugesera	Mwogo				
24	Bu09Sb01	Ntarama Hp01	Groundwater	-02	06	25.95342	30	02	20.56039	Bugesera	Ntarama				
25	Bu09Sb02	Ntarama Hp02	Groundwater	-02	06	25.75185	30	02	22.25079	Bugesera	Ntarama				
26	Bu09Sb03	Ntarama Hp03	Groundwater	-02	05	07.31688	30	02	27.30628	Bugesera	Ntarama				

D2. Liste des ressources en eau de la Province de l'Est

2.7 District du Bugesera (2/2)

27	Bu09Sb04	Ntarama Hp04	Groundwater	-02	06	29.27839	30	04	27.91154	Bugesera	Ntarama				
28	Bu09Sb05	Ntarama Hp05	Groundwater	-02	06	32.40088	30	04	33.52769	Bugesera	Ntarama				
29	Bu09Sb06	Ntarama Hp06	Groundwater	-02	04	30.58320	30	04	37.47697	Bugesera	Ntarama				
30	Bu09Sb07	Ntarama Hp07	Groundwater	-02	05	03.79454	30	03	41.60340	Bugesera	Ntarama				
31	Bu09Sb08	Ntarama Hp08	Groundwater	-02	07	59.79540	30	06	09.29512	Bugesera	Ntarama				
32	Bu09Sb09	Ntarama Hp09	Groundwater	-02	05	45.06378	30	06	26.69062	Bugesera	Ntarama				
33	Bu09Sb10	Ntarama Hp10	Groundwater	-02	07	13.91212	30	04	28.30170	Bugesera	Ntarama				
34	Bu09Sb11	Ntarama Hp11	Groundwater	-02	08	50.51057	30	04	46.32001	Bugesera	Ntarama				
35	Bu09Sb12	Ntarama Hp12	Groundwater	-02	08	00.38743	30	03	51.87040	Bugesera	Ntarama				
36	Bu09Sb13	Ntarama Hp13	Groundwater	-02	09	02.81316	30	02	48.01770	Bugesera	Ntarama				
37	Bu09Sb14	Ntarama Hp14	Groundwater	-02	09	20.44282	30	02	13.94124	Bugesera	Ntarama				
38	Bu10Sb01	Nyamata Hp01	Groundwater	-02	10	53.41244	30	08	58.18437	Bugesera	Nyamata				
39	Bu10Sb02	Nyamata Hp02	Groundwater	-02	08	06.72324	30	06	51.55892	Bugesera	Nyamata				
40	Bu10Sb03	Nyamata Hp03	Groundwater	-02	08	24.26026	30	07	28.33181	Bugesera	Nyamata				
41	Bu10Sb04	Nyamata Hp04	Groundwater	-02	08	35.81965	30	07	33.94886	Bugesera	Nyamata				
42	Bu10Sb05	Nyamata Hp05	Groundwater	-02	10	57.77904	30	07	06.20157	Bugesera	Nyamata				
43	Bu10Sb06	Nyamata Hp06	Groundwater	-02	09	37.69529	30	04	22.98580	Bugesera	Nyamata				
44	Bu10Sb07	Nyamata Hp07	Groundwater	-02	09	01.02560	30	04	55.26655	Bugesera	Nyamata				
45	Bu12Sb01	Rilima Hp01	Groundwater	-02	10	13.08556	30	12	54.34271	Bugesera	Rilima				

D3. Liste des ouvrages hydrauliques existants de la Province de l'Est

3.1 District du Nyagatare

3.2 District du Gatsibo

3.3 District du Kayonza

3.4 District du Rwamagana

3.5 District du Ngoma

3.6 District du Kirehe

3.7 District du Bugesera

D3. Liste des ouvrages hydrauliques existants de la Province de l'Est

3.2 District du Gatsibo (1/2)

Scheme		Actual / Future	Intake		Treatment		Transmission		Distribution			Public Distribution		Private Distribution		Service Area		Served	Note	Project Executed		Project Rehabilitated		Water Service Provider			Water Fee Collection								
Scheme Code	Situation/ Type of work plan	Type	Source type	Source Code	Called name	Facility	Plant_Tank	Power Type	Pump_House	Pump_Tank	Receiving Tank	Pipe (km)	Tank	BP Tank	Pipe (km)	HandPump	Tap Stand	Tap in House	District	Secetur	Population	Fund	Completion	Fund	Completion	Provider Type	Name	Contract year	Free / Metered	Flat / FRW	Flat rate /FRW	Volumetric rate/m ³ /FR			
Piped Scheme																																			
GaEWP501	Operating	Spring	Ga05Ss13, Ga05Ss20, Ga05Ss21	NGK (Gahama), NK(G(Lamyia), NK(G(Nyakagera)	0	0	Gravity	0	ND	ND	ND	ND	ND	ND	ND	0	36	12	25	Gatsibo	Kabarore, Kageyo, Gitoki	21,551	-	ND	1998	PDRCIU	2007	Private Operator	EGT	2009	Flat, Metered	10	450	-	
GaEWP502	Operating	Spring	??	Rwabigeyo1,	0	0	Gravity	0	ND	ND	ND	ND	ND	ND	ND	0	16	2	2	Gatsibo	Gatsibo	5,335	-	ND	1983	ND	2007	Private Operator	EGT	2009	Flat, Metered	10	450	-	
GaEWP503	Operating	Spring	??	Rwabigeyo2	0	0	Gravity	0	ND	ND	ND	ND	ND	ND	ND	0	46	4	39	Gatsibo	Kabarore, Gatsibo	14,317	-	ND	1998	ND	2007	Private Operator	EGT	2009	Flat, Metered	10	450	-	
GaEWP504	Operating	Spring	Ga05Ss01,	Nyakagezi1,	0	0	Gravity	0	ND	ND	ND	ND	ND	ND	ND	0	4	0	4	Gatsibo	Kageyo	1,780	Served by both schemes	ND	1998	Nil	Nil	Private Operator	EGT	2009	Flat, Metered	10	450	-	
GaEWP505	Operating	Spring	Ga05Ss02	Nyakagezi2	0	0	Gravity	0	ND	ND	ND	ND	ND	ND	ND	0	5	2	3	Gatsibo	Kageyo	-	-	ND	1998	Nil	Nil	Private Operator	EGT	2009	Flat, Metered	10	450	-	
GaEWP506	Operating	Spring	Ga11Ss01	Mashyoza	0	0	Gravity	0	ND	ND	ND	ND	ND	ND	ND	0	5	1	2	Gatsibo	Nyagihanga	8,120	-	ND	1987	PEAMR	2008	Private Operator	CODEANGA	ND	Flat, Metered	10	450	-	
GaEWP507	Operating	Spring	Ga08Ss02, Ga01Ss04	Intake Facilities	2	2	Gravity	0	ND	ND	ND	ND	ND	ND	ND	0	8	2	3	Gatsibo	Murambi, Kiramuruzi	21,344	-	ND	1993	ND	2003	Private Operator	GWS	2009	Flat, Metered	10	450	-	
GaEWP508	Operating	Spring	Ga06Ss02	Cyafani-Gakenke	0	0	Gravity	0	ND	ND	ND	ND	ND	ND	ND	0	40	33	ND	Gatsibo	Muhura, Remera, Kizuguro, Ruzosama	10,971	-	ND	1986	Nil	Nil	Private Operator	GWS	2009	Flat, Metered	10	450	-	
GaEWP509	Operating	Spring	Ga09Ss02	Byimana	0	0	Diesel engine	1	ND	ND	ND	ND	ND	ND	ND	0	ND	ND	ND	Gatsibo	Rugarama, Kizuguro	ND	-	ND	1986	Nil	Nil	Private Operator	GWS	2009	2009	10	450	-	
GaEWP510	Operating	Spring	Ga08Ss04	Rwasama	0	0	Gravity	0	ND	ND	ND	ND	ND	ND	ND	0	ND	ND	ND	Gatsibo	Rugarama	9,906	-	ND	2000	Nil	Nil	Private Operator	Coop. GIRUMURAVA	ND	Flat, Metered	10	450	-	
GaEWP511	Operating	Spring	Ga08Ss01	Kibira-Mpasha	0	0	Diesel engine	1	1	ND	ND	ND	ND	ND	ND	0	14	4	2	Gatsibo	Remera, Muhura, Gasange	23,845	-	ND	1989	ND	2003	Private Operator	Coop. GIRUMURAVA	ND	Flat, Metered	20	800	-	
GaEWP512	Operating	Spring	Ga05Ss03	Nyakabingo	0	0	Gravity	0	ND	ND	ND	ND	ND	ND	ND	0	56	8	20	Gatsibo	Kageyo	ND	-	ND	2003	Nil	Nil	Private Operator	Coop. GIRUMURAVA	ND	Flat, Metered	10	450	-	
GaEWP513	Operating	Spring	Ga11Ss02	Gahama-Ngarama	0	0	Gravity	0	ND	ND	ND	ND	ND	ND	ND	0	13	2	2	Gatsibo	Ngarama	8,611	Served by both schemes	ND	1982	PEAMR	2007	Private Operator	CODEANGA	2005	Flat, Metered	10	450	-	
GaEWP514	Operating	Spring	Ga11Ss30	Karama	0	0	Diesel engine	1	ND	ND	ND	ND	ND	ND	ND	0	8	1	2	Gatsibo	Ngarama, Nyagihanga	ND	-	ND	1996	PEAMR	2007	Private Operator	CODEANGA	2007	Flat, Metered	10	600	-	
GaEWP515	Not Operating	Spring	Ga11Ss04	Gitoki-Byimana	0	0	Diesel engine	1	ND	ND	ND	ND	ND	ND	ND	0	ND	ND	ND	Gatsibo	Ngarama,	ND	-	ND	ND	Nil	Nil	Private Operator	CODEANGA	2008	Flat, Metered	10	450	-	
GaEWP516	Not Operating	Spring	Ga11Ss05	Mpashani-Bugamba	0	0	Diesel engine	1	ND	ND	ND	ND	ND	ND	ND	0	ND	ND	ND	Gatsibo	Ngarama, Nyagihanga	ND	-	ND	ND	Nil	Nil	Private Operator	CODEANGA	2008	Flat, Metered	10	450	-	
GaEWP517	NA	Spring	Ga11Ss18, Ga11Ss21, Ga11Ss12	Rwobe-Gashure	0	0	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	ND	ND	ND	Gatsibo	Nyagihanga	ND	-	ND	ND	ND	Nil	Nil	Private Operator	UCWE	Expected in 2010	not yet	-	-	-
GaEWP518	NA	Spring	Ga05Ss05	-	0	0	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	ND	ND	ND	Gatsibo	Kagero	ND	-	ND	ND	Nil	Nil	ND	ND	ND	ND	-	-	-	
GaEWP519	NA	Spring	Ga07Ss03	Akabyuye	0	0	Gravity	1	ND	ND	ND	ND	ND	ND	ND	0	ND	ND	ND	Gatsibo	Kagero	ND	-	ND	ND	Nil	Nil	ND	ND	ND	ND	-	-	-	

Scheme		Actual / Future	Intake		Handpump		Service Area		Served	Note	Project Executed		Project Rehabilitated		Water Service Provider			Water Fee Collection				
Scheme Code	Situation/ Type of work plan	Type	Source type	Source Code	Given name		District	Secetur	Population		Fund	Completion	Fund	Completion	Provider Type	Name	Contract year	Free / Metered	Flat / FRW	Flat rate /FRW	Volumetric rate/m ³ /FR	
Handpump																						
GaEWHp-	As Below *	Groundwater		As below		69	Gatsibo	Gasange, Gitoki, Kabarore, Kiramuruzi, Kizuguro, Murambi, Rugarama, Rwinbogo	12,042	5 handpumps are planned to be rehabilitated in MP	PDRCIU	NA	Nil	nil	Nil	Nil	Nil	Free	-	-	-	
GaEWHp- 1	Operating	Groundwater	Ga01Sb01	Gasange Hp01		1		Gasange										Free	-	-	-	
GaEWHp- 2	Operating	Groundwater	Ga01Sb02	Gasange Hp02		1		Gasange										Free	-	-	-	
GaEWHp- 3	Operating	Groundwater	Ga01Sb03	Gasange Hp03		1		Gasange		Plan rehabilitation								Free	-	-	-	
GaEWHp- 4	Operating	Groundwater	Ga01Sb04	Gasange Hp04		1		Gasange										Free	-	-	-	
GaEWHp- 5	Operating	Groundwater	Ga03Sb01	Gitoki Hp01		1		Gitoki										Free	-	-	-	
GaEWHp- 6	Operating	Groundwater	Ga03Sb02	Gitoki Hp02		1		Gitoki										Free	-	-	-	
GaEWHp- 7	Not Operating	Groundwater	Ga04Sb01	Kabarore Hp01		1		Kabarore		Plan rehabilitation								Free	-	-	-	
GaEWHp- 8	Operating	Groundwater	Ga04Sb02	Kabarore Hp02		1		Kabarore										Free	-	-	-	
GaEWHp- 9	Operating	Groundwater	Ga04Sb03	Kabarore Hp03		1		Kabarore										Free	-	-	-	
GaEWHp- 10	Operating	Groundwater	Ga04Sb04	Kabarore Hp04		1		Kabarore										Free	-	-	-	
GaEWHp- 11	Operating	Groundwater	Ga04Sb05	Kabarore Hp05		1		Kabarore										Free	-	-	-	
GaEWHp- 12	Operating	Groundwater	Ga04Sb06	Kabarore Hp06		1		Kabarore		Plan rehabilitation								Free	-	-	-	
GaEWHp- 13	Operating	Groundwater	Ga04Sb07	Kabarore Hp07		1		Kabarore										Free	-	-	-	
GaEWHp- 14	Operating	Groundwater	Ga04Sb08	Kabarore Hp08		1		Kabarore										Free	-	-	-	
GaEWHp- 15	Operating	Groundwater	Ga04Sb09	Kabarore Hp09		1		Kabarore										Free	-	-	-	
GaEWHp- 16	Operating	Groundwater	Ga04Sb10	Kabarore Hp10		1		Kabarore										Free	-	-	-	
GaEWHp- 17	Operating	Groundwater	Ga04Sb11	Kabarore Hp11		1		Kabarore										Free	-	-	-	
GaEWHp- 18	Operating	Groundwater	Ga04Sb12	Kabarore Hp12		1		Kabarore										Free	-	-	-	
GaEWHp- 19	Operating	Groundwater	Ga04Sb13	Kabarore Hp13		1		Kabarore										Free	-	-	-	
GaEWHp- 20	Operating	Groundwater	Ga04Sb14	Kabarore Hp14		1		Kabarore										Free	-	-	-	
GaEWHp- 21	Operating	Groundwater	Ga04Sb15	Kabarore Hp15		1		Kabarore										Free	-	-	-	
GaEWHp- 22	Operating	Groundwater	Ga04Sb16	Kabarore Hp16		1		Kabarore										Free	-	-	-	
GaEWHp- 23	Operating	Groundwater	Ga06Sb01	Kiramuruzi Hp01		1		Kiramuruzi										Free	-	-	-	
GaEWHp- 24	Operating	Groundwater	Ga06Sb02	Kiramuruzi Hp02		1		Kiramuruzi										Free	-	-	-	
GaEWHp- 25	Operating	Groundwater	Ga06Sb03	Kiramuruzi Hp03		1		Kiramuruzi		Plan rehabilitation								Free	-	-	-	
GaEWHp- 26	Operating	Groundwater	Ga06Sb04	Kiramuruzi Hp04		1		Kiramuruzi										Free	-	-	-	
GaEWHp- 27	Operating	Groundwater	Ga06Sb05	Kiramuruzi Hp05		1		Kiramuruzi		Plan rehabilitation								Free	-	-	-	
GaEWHp- 28	Operating	Groundwater	Ga06Sb06	Kiramuruzi Hp06		1		Kiramuruzi										Free	-	-	-	
GaEWHp- 29	Operating	Groundwater	Ga07Sb01	Kizuguro Hp01		1		Kizuguro										Free	-	-	-	
GaEWHp- 30	Operating	Groundwater	Ga07Sb02	Kizuguro Hp02		1		Kizuguro										Free	-	-	-	
GaEWHp- 31	Operating	Groundwater	Ga07Sb03	Kizuguro Hp03		1		Kizuguro										Free	-	-	-	
GaEWHp- 32	Operating	Groundwater	Ga07Sb04	Kizuguro Hp04		1		Kizuguro										Free	-	-	-	
GaEWHp- 33	Operating	Groundwater	Ga07Sb05	Kizuguro Hp05		1		Kizuguro										Free	-	-	-	
GaEWHp- 34	Operating	Groundwater	Ga07Sb06	Kizuguro Hp06		1		Kizuguro										Free	-	-	-	
GaEWHp- 35	Operating	Groundwater	Ga07Sb07	Kizuguro Hp07		1		Kizuguro										Free	-	-	-	
GaEWHp- 36	Operating	Groundwater	Ga07Sb08	Kizuguro Hp08		1		Kizuguro		Plan rehabilitation								Free	-	-	-	
GaEWHp- 37	Operating	Groundwater	Ga09Sb01	M																		

D3. Liste des ouvrages hydrauliques existants de la Province de l'Est

3.7 District du Bugesera

Scheme	Actual / Future Situation/ Type of work, plan	Intake				Treatment	Transmission				Distribution			Public Distribution		Private Distribution		Service Area		Served	Note	Project Executed		Project Rehabilitated		Water Service Provider			Water Fee Collection				
		Source type	Source Code	Called name	Facility		Plant, Tank	Power Type	Pump, Pump House	Receiving Tank	Pipe (km)	Tank	BP Tank	Pipe (km)	Tap Stand	Tap in House	District	Secteur	Population			Fund	Completion	Fund	Completion	Provider Type	Name	Contract year	Free / Metered	Flat rate /FRW	Flat rate /jd	Volumetric rate/m ³ /FRW	
Piped Scheme																																	
BuEWP01	Operating	Lake	Bu13SI01	Lake Cyohoha South	1	Plant	Commerical power	1	0	ND	800m3(Nasoro) 150m3 (Ntarama) 50m3(Mwogo) 75m3(Musenyi).	0	45	ND	ND	687	Bugesera	Shyara, Mareba, Ngeruka, Nyarugenge, Ruhuha, Kamabuye	32,365	BuEWP01-02 covers all sectors in Bugesera	KfW	1998	nil	nil	Rwandan government	MININFRA	nil	Flat	14	622	-		
BuEWP02	Operating	Lake	Bu13SI01	Lake Cyohoha South	*Same as BuEWP01	*Same as BuEWP01	*Same as BuEWP01	*Same as BuEWP01	0	ND	800m3(Gahenbe) 50m3(Rilima) 75m3(Rweru)	0	*Included in BuEWP01	ND	ND	*Included in EWP01	Bugesera	Mwogo, Ntarama, Juru, Rilima, Nyamata, Musenyi, Mayange, Gashora, Rweru	99,737	-	EU	2007	nil	nil	*Same as BuEWP01	*Same as BuEWP01	*Same as BuEWP01	*Same as BuEWP01	*Same as BuEWP01	*Same as BuEWP01	-		
BuEWP03	Operating	Lake	Rw04SI01	Karengye	1	ND	ND	1	ND	ND	ND	ND	ND	ND	ND	ND	Bugesera	Juru*	ND	Now supply Kigali City only	EU	ND	nil	nil	nil	nil	Free	0	0	-			
BuEWP04	Not Operating	Spring	Bu10Ss01		1	ND	ND	1	ND	ND	ND	ND	ND	ND	ND	ND	Bugesera	Nyamata	ND	Broken down	ZOA	1997	ZOA	2007	nil	nil	nil	Free	0	0	-		
Handpump																																	
BuEWHp-	As Below *	Groundwater	As below	As below					45							Bugesera	As below		48,208	30 handpumps	EAR, UNICEF	Before 1994, up to	EAR, UNICEF	2006-2008	nil	nil	nil	Free	0	0	-		
BuEWHp- 1	ND	Groundwater	Bu02Sb01	Juru Hp01					1							Juru										nil	nil	nil	Free	0	0	-	
BuEWHp- 2	ND	Groundwater	Bu02Sb02	Juru Hp02					1							Juru											nil	nil	nil	Free	0	0	-
BuEWHp- 3	ND	Groundwater	Bu02Sb03	Juru Hp03					1							Juru											nil	nil	nil	Free	0	0	-
BuEWHp- 4	ND	Groundwater	Bu05Sb01	Mayange					1							Mayange											nil	nil	nil	Free	0	0	-
BuEWHp- 5	ND	Groundwater	Bu05Sb02	Mayange					1							Mayange											nil	nil	nil	Free	0	0	-
BuEWHp- 6	ND	Groundwater	Bu05Sb03	Mayange					1							Mayange											nil	nil	nil	Free	0	0	-
BuEWHp- 7	ND	Groundwater	Bu05Sb04	Mayange					1							Mayange											nil	nil	nil	Free	0	0	-
BuEWHp- 8	ND	Groundwater	Bu05Sb05	Mayange					1							Mayange											nil	nil	nil	Free	0	0	-
BuEWHp- 9	ND	Groundwater	Bu05Sb06	Mayange					1							Mayange											nil	nil	nil	Free	0	0	-
BuEWHp- 10	ND	Groundwater	Bu05Sb07	Mayange					1							Mayange											nil	nil	nil	Free	0	0	-
BuEWHp- 11	ND	Groundwater	Bu05Sb08	Mayange					1							Mayange											nil	nil	nil	Free	0	0	-
BuEWHp- 12	ND	Groundwater	Bu05Sb09	Mayange					1							Mayange											nil	nil	nil	Free	0	0	-
BuEWHp- 13	ND	Groundwater	Bu05Sb10	Mayange					1							Mayange											nil	nil	nil	Free	0	0	-
BuEWHp- 14	ND	Groundwater	Bu06Sb01	Musenyi					1							Musenyi											nil	nil	nil	Free	0	0	-
BuEWHp- 15	ND	Groundwater	Bu06Sb02	Musenyi					1							Musenyi											nil	nil	nil	Free	0	0	-
BuEWHp- 16	ND	Groundwater	Bu06Sb03	Musenyi					1							Musenyi											nil	nil	nil	Free	0	0	-
BuEWHp- 17	ND	Groundwater	Bu06Sb04	Musenyi					1							Musenyi											nil	nil	nil	Free	0	0	-
BuEWHp- 18	ND	Groundwater	Bu06Sb05	Musenyi					1							Musenyi											nil	nil	nil	Free	0	0	-
BuEWHp- 19	ND	Groundwater	Bu06Sb06	Musenyi					1							Musenyi											nil	nil	nil	Free	0	0	-
BuEWHp- 20	ND	Groundwater	Bu06Sb07	Musenyi					1							Musenyi											nil	nil	nil	Free	0	0	-
BuEWHp- 21	ND	Groundwater	Bu06Sb08	Musenyi					1							Musenyi											nil	nil	nil	Free	0	0	-
BuEWHp- 22	ND	Groundwater	Bu07Sb01	Mwogo Hp01					1							Mwogo											nil	nil	nil	Free	0	0	-
BuEWHp- 23	ND	Groundwater	Bu07Sb02	Mwogo Hp02					1							Mwogo											nil	nil	nil	Free	0	0	-
BuEWHp- 24	ND	Groundwater	Bu09Sb01	Ntarama					1							Ntarama											nil	nil	nil	Free	0	0	-
BuEWHp- 25	ND	Groundwater	Bu09Sb02	Ntarama					1							Ntarama											nil	nil	nil	Free	0	0	-
BuEWHp- 26	ND	Groundwater	Bu09Sb03	Ntarama					1							Ntarama											nil	nil	nil	Free	0	0	-
BuEWHp- 27	ND	Groundwater	Bu09Sb04	Ntarama					1							Ntarama											nil	nil	nil	Free	0	0	-
BuEWHp- 28	ND	Groundwater	Bu09Sb05	Ntarama					1							Ntarama											nil	nil	nil	Free	0	0	-
BuEWHp- 29	ND	Groundwater	Bu09Sb06	Ntarama					1							Ntarama											nil	nil	nil	Free	0	0	-
BuEWHp- 30	ND	Groundwater	Bu09Sb07	Ntarama					1							Ntarama											nil	nil	nil	Free	0	0	-
BuEWHp- 31	ND	Groundwater	Bu09Sb08	Ntarama					1							Ntarama											nil	nil	nil	Free	0	0	-
BuEWHp- 32	ND	Groundwater	Bu09Sb09	Ntarama					1							Ntarama											nil	nil	nil	Free	0	0	-
BuEWHp- 33	ND	Groundwater	Bu09Sb10	Ntarama					1							Ntarama											nil	nil	nil	Free	0	0	-
BuEWHp- 34	ND	Groundwater	Bu09Sb11	Ntarama					1							Ntarama											nil	nil	nil	Free	0	0	-
BuEWHp- 35	ND	Groundwater	Bu09Sb12	Ntarama					1							Ntarama											nil	nil	nil	Free	0	0	-
BuEWHp- 36	ND	Groundwater	Bu09Sb13	Ntarama					1							Ntarama											nil	nil	nil	Free	0	0	-
BuEWHp- 37	ND	Groundwater	Bu09Sb14	Ntarama					1							Ntarama											nil	nil	nil	Free	0	0	-
BuEWHp- 38	ND	Groundwater	Bu10Sb01	Nyamata					1							Nyamata											nil	nil	nil	Free	0	0	-
BuEWHp- 39	ND	Groundwater	Bu10Sb02	Nyamata					1							Nyamata											nil	nil	nil	Free	0	0	-
BuEWHp- 40	ND	Groundwater	Bu10Sb03	Nyamata					1							Nyamata											nil	nil	nil	Free	0	0	-
BuEWHp- 41	ND	Groundwater	Bu10Sb04	Nyamata					1							Nyamata											nil	nil	nil	Free	0	0	-
BuEWHp- 42	ND	Groundwater	Bu10Sb05	Nyamata					1							Nyamata											nil	nil	nil	Free	0	0	-
BuEWHp- 43	ND	Groundwater	Bu10Sb06	Nyamata					1							Nyamata											nil	nil	nil	Free	0	0	-
BuEWHp- 44	ND	Groundwater	Bu10Sb07	Nyamata					1							Nyamata											nil	nil	nil	Free	0	0	-
BuEWHp- 45	ND	Groundwater	Bu12Sb01	Rilima Hp01					1							Rilima											nil	nil	nil	Free	0	0	-
Protected Spring																																	
BuEWSs-	As Below *	Spring	As below	Nil												Bugesera	As below	ND	Protection	ND	ND	ND	ND	ND	nil	nil	nil	Free	0	0	-		
BuEWSp- 1	In use	Spring	Bu06Ss01													Musenyi										nil	nil	nil	Free	0	0	-	

D4. Informations relatives de la localisation des ouvrages hydrauliques de la Province de l'Est

- 4.1 Données de localisation de tous les ouvrages
- 4.2 Carte de localisation de l'ouvrage du district Nyagatare
- 4.3 Donnée de localisation de l'ouvrage du district Nyagatare
- 4.4 Carte de localisation de l'ouvrage du district Gatsibo
- 4.5 Donnée de localisation de l'ouvrage du district Gatsibo
- 4.6 Donnée de localisation de l'ouvrage du district Gicumbi
- 4.7 Carte de localisation de l'ouvrage du district Kayonza
- 4.8 Carte de localisation de l'ouvrage du district Kayonza
- 4.9 Carte de localisation de l'ouvrage du district Kayonza
- 4.10 Donnée de localisation de l'ouvrage du district Rwamagana
- 4.11 Carte de localisation des ouvrages des districts Ngoma et Kirehe
- 4.12 Donnée de localisation de l'ouvrage du district Ngoma
- 4.13 Donnée de localisation de l'ouvrage du district Kirehe
- 4.14 Carte de localisation de l'ouvrage du district Bugesera
- 4.15 Donnée de localisation de l'ouvrage du district Bugesera

4.1 Données de localisation de tous les ouvrages (1/55)

Name	Latitude	Longitude	Alti	Date	Comments
Barrage	-02 07' 00.37297"	30 31' 06.11681"	1381.77	2008/12/30	Barrage 1988
BF	-01 03' 15.97911"	30 27' 26.74746"	1291.167	2009/12/7	MATIMBA KAGITUMBA KAGITUMBA 663
BF	-01 03' 18.84481"	30 27' 12.56980"	1295.012	2009/12/7	MATIMBA KAGITUMBA MUVUMBA 664
BF	-01 03' 23.24944"	30 26' 40.68794"	1294.291	2009/12/7	MATIMBA KAGITUMBA NZIRANZIRA 665
BF	-01 03' 40.90293"	30 26' 40.86809"	1299.097	2009/12/7	MATIMBA KAGITUMBA GISHARA 666
BF	-01 03' 54.58330"	30 25' 57.96610"	1318.324	2009/12/7	MATIMBA KIMBOGO BYIMANA 678
BF	-01 04' 19.11335"	30 26' 50.66196"	1326.975	2009/12/7	MATIMBA KIMBOGO KIYOVU 670
BF	-01 04' 20.23133"	30 24' 55.31587"	1342.356	2009/12/7	MATIMBA RWENTANGA MITAYAYO I 681
BF	-01 04' 33.74181"	30 26' 56.93230"	1326.975	2009/12/7	MATIMBA KANYONZA NYAMPEKE 673
BF	-01 04' 35.98018"	30 26' 57.65708"	1328.898	2009/12/7	MATIMBA KANYONZA NYAMPEKE 672
BF	-01 04' 40.06163"	30 24' 46.29629"	1368.552	2009/12/7	MATIMBA RWENTANGA RWENTANGA 682
BF	-01 05' 27.28045"	30 26' 47.54670"	1335.147	2009/12/7	MATIMBA KANYONZA NYAMPEKE 674
BF	-01 05' 30.42225"	30 24' 54.76036"	1383.212	2009/12/7	MATIMBA NYABWISHONGWEZI NYABWISHONGWEZI I
BF	-01 05' 31.87940"	30 24' 53.06062"	1376.243	2009/12/7	MATIMBA RWENTANGA NYABWISHONGWEZI NYABWISHONGWEZI I 689
BF	-01 05' 43.22273"	30 25' 12.41836"	1395.229	2009/12/7	MATIMBA NYABWISHONGWEZI NYABWISHONGWEZI I
BF	-01 05' 43.46171"	30 26' 26.32985"	1350.287	2009/12/7	MATIMBA KANYONZA GAKOMA 675
BF	-01 06' 08.72138"	30 23' 09.53581"	1429.595	2009/12/7	MUSHERI NYAMIYONGA ISANGANO 730
BF	-01 06' 10.56627"	30 25' 04.73012"	1346.202	2009/12/7	MATIMBA NYABWISHONGWEZI NYABWISHONGWEZI I
BF	-01 06' 17.23522"	30 23' 08.52889"	1444.976	2009/12/7	MUSHERI NYAMIYONGA SHIRIMPUMPU 731
BF	-01 06' 34.11503"	30 25' 43.23716"	1402.198	2009/12/7	MATIMBA BYIMANA KABUGA 696
BF	-01 06' 34.71551"	30 25' 39.91159"	1398.833	2009/12/7	MATIMBA BYIMANA KABUGA 695
BF	-01 06' 37.26166"	30 23' 19.75754"	1464.683	2009/12/7	MUSHERI KIBIRIZI KABUNGO 728
BF	-01 06' 43.61950"	30 23' 24.34717"	1450.264	2009/12/7	MUSHERI KIBIRIZI KABUNGO 727
BF	-01 06' 50.50420"	30 25' 45.81044"	1385.856	2009/12/7	MATIMBA BYIMANA BYIMANA I 697
BF	-01 06' 53.47672"	30 26' 15.55411"	1347.403	2009/12/7	MATIMBA MATIMBA MATIMBA V 698
BF	-01 07' 01.65773"	30 25' 28.42975"	1375.522	2009/12/7	MATIMBA MATIMBA MATIMBA IV 703
BF	-01 07' 06.30254"	30 25' 35.56247"	1381.29	2009/12/7	MATIMBA MATIMBA MATIMBA IV 704
BF	-01 07' 07.54937"	30 25' 18.47536"	1376.483	2009/12/7	MATIMBA MATIMBA MATIMBA III 702
BF	-01 07' 11.25937"	30 25' 24.60540"	1384.414	2009/12/7	MATIMBA MATIMBA MATIMBA II 699
BF	-01 07' 12.80130"	30 25' 16.34383"	1378.886	2009/12/7	MATIMBA MATIMBA MATIMBA III 700
BF	-01 07' 14.56291"	30 25' 17.95634"	1385.615	2009/12/7	MATIMBA MATIMBA MATIMBA II. 701
BF	-01 09' 59.10879"	30 23' 19.31428"	1470.211	2009/12/7	MUSHERI KIJOGO KAGWEGWE 723
BF	-01 10' 13.70104"	30 23' 36.74386"	1495.205	2009/12/7	MUSHERI KIJOGO KAGWEGWE 722
BF	-01 14' 52.15789"	30 20' 59.38958"	1364.226	2009/12/7	Nyagatare Nsheke Kabare I 854
BF	-01 15' 14.41154"	30 20' 55.36183"	1366.149	2009/12/7	Nyagatare Nsheke Kabare I 853
BF	-01 15' 55.28760"	30 20' 20.89730"	1375.281	2009/12/7	Nyagatare Nsheke Nsheke 857
BF	-01 16' 28.24910"	30 19' 55.42432"	1334.666	2009/12/7	Nyagatare Nsheke Nsheke 859
BF	-01 16' 36.29161"	30 10' 43.79455"	0	2009/12/7	TABAGWE GISHURO NYAGATARE 586 Not Working
BF	-01 16' 50.96081"	30 19' 55.22938"	1313.036	2009/12/7	Nyagatare Barija Barija B
BF	-01 16' 59.63849"	30 19' 53.55408"	1323.851	2009/12/7	Nyagatare Barija Barija A 863
BF	-01 17' 07.40308"	30 11' 07.29712"	0	2009/12/7	TABAGWE GISHURO KAYANJA 585 Not Working
BF	-01 17' 24.91898"	30 24' 31.11653"	0	2009/12/7	RWIMIYAGA NYARUPFUBIRE NYARUPFUBIRE I 510 Temporaly working
BF	-01 17' 26.54842"	30 19' 50.15096"	1408.927	2009/12/7	NYAGATARE NYAGATARE NYAGATARE I 788
BF	-01 17' 26.71227"	30 19' 41.64254"	1457.714	2009/12/7	NYAGATARE NYAGATARE NYAGATARE I 786
BF	-01 17' 28.72343"	30 24' 34.30300"	0	2009/12/7	RWIMIYAGA GACUNDEZI BUGARARAGARA 503 Not working
BF	-01 17' 30.61871"	30 19' 46.52785"	1367.591	2009/12/7	NYAGATARE NYAGATARE NYAGATARE 787
BF	-01 17' 31.88967"	30 19' 37.69658"	1434.402	2009/12/7	NYAGATARE NYAGATARE NYAGATARE I 785
BF	-01 17' 33.81181"	30 19' 30.25607"	1457.473	2009/12/7	NYAGATARE NYATAGARE NYAGATARE I 789
BF	-01 17' 36.44819"	30 11' 36.72848"	0	2009/12/7	TABAGWE GISHURO KABOROGOTA 584 Not working
BF	-01 17' 41.02511"	30 24' 12.36467"	0	2009/12/7	RWIMIYAGA NYARUPFUBIRE NYARUPFUBIRE II 509 Not working
BF	-01 17' 46.12376"	30 20' 06.66082"	1402.198	2009/12/7	Nyagatare Barija Kihira 843
BF	-01 18' 13.68154"	30 11' 08.51377"	0	2009/12/7	TABAGWE NYAGATOMA KABUSUNZU Not working
BF	-01 18' 24.28619"	30 20' 29.34416"	1470.932	2009/12/7	Nyagatare Barija Kihira 839
BF	-01 18' 27.69414"	30 23' 46.15512"	1388.499	2009/12/7	NYAGATARE KAMAKIRI KARUNG 793
BF	-01 18' 36.25233"	30 20' 32.84326"	1457.473	2009/12/7	Nyagatare Barija Kihira 842
BF	-01 18' 36.85190"	30 18' 57.46082"	1470.451	2009/12/7	NYAGATARE NYAGATARE MIRAMA II 784
BF	-01 18' 49.24894"	30 21' 42.93972"	1373.839	2009/12/7	NYAGATARE RUTARAKAMUGARI 738
BF	-01 19' 03.54458"	30 17' 37.98992"	1359.179	2009/12/7	RUKOMO RURENGE AKAJUKA 885
BF	-01 19' 05.01802"	30 19' 41.95668"	1346.682	2009/12/7	NYAGATARE RUTARAKA GIHORUBWA 726 Working
BF	-01 19' 12.31249"	30 10' 39.60386"	0	2009/12/7	TABAGWE MOSHONGA GIKOBA 582 Working
BF	-01 19' 16.76539"	30 18' 53.28706"	1442.813	2009/12/7	NYAGATARE NYAGATARE MIRAMA II 780
BF	-01 19' 18.25391"	30 18' 58.29818"	1434.162	2009/12/7	NYAGATARE NYAGATARE NYAGATARE I 782
BF	-01 19' 18.85922"	30 10' 48.73840"	0	2009/12/7	TABAGWE SHONGA GIKOBA 578 Working
BF	-01 19' 21.00405"	30 18' 50.80187"	1456.993	2009/12/7	NYAGATARE NYAGATARE MIRAMA 783
BF	-01 19' 26.51760"	30 22' 16.74221"	1469.25	2009/12/7	NYAGATARE RUTARAKAMUGARI 739
BF	-01 19' 28.53479"	30 20' 25.69722"	1375.522	2009/12/7	NYAGATARE RUTARAKA GIHORUBWA 730
BF	-01 19' 34.56868"	30 20' 31.73971"	1375.522	2009/12/7	NYAGATARE RUTARAKAMUGARI 730
BF	-01 19' 41.24172"	30 10' 48.69977"	0	2009/12/7	TABAGWE MOSHONGA MOSHONGA 580 Not working
BF	-01 19' 45.32800"	30 16' 46.23647"	1399.074	2009/12/7	RUKOMORURENGE BENISHYAKA 884
BF	-01 19' 47.03529"	30 13' 46.63967"	0	2009/12/7	TABAGWE NYAGATOMA GASONGERO 577 Not working
BF	-01 19' 49.24862"	30 11' 32.12138"	1487.274	2009/12/7	KARAMA KABUGA RWUBUZIZI 756
BF	-01 19' 49.54584"	30 24' 07.64867"	1463.722	2009/12/7	NYAGATARE KAMAGIRI KAMAGIRI 791
BF	-01 19' 50.35694"	30 16' 10.56223"	1392.585	2009/12/7	RUKOMO MUSENYI AMAHORO 869

4.1 Données de localisation de tous les ouvrages (2/55)

Name	Latitude	Longitude	Alti	Date	Comments
BF	-01 19' 54.91455"	30 13' 15.62473"	0	2009/12/7	TABAGWE NYAGATOMA GASONGERO 575 Not Working
BF	-01 19' 55.44562"	30 11' 04.41211"	1523.563	2009/12/7	KARAMA KABUGA RWUBUZIZI 754
BF	-01 19' 55.47459"	30 11' 04.40034"	0	2009/12/7	TABAGWE SHONGA MOSHONGA 579 Not working
BF	-01 19' 58.84573"	30 15' 45.52193"	1383.693	2009/12/7	RUKOMO MUSENYI868 AMIZERO
BF	-01 20' 05.61274"	30 21' 54.42127"	1468.288	2009/12/7	NYAGATARERUTARAKAMUGARI 737
BF	-01 20' 07.29076"	30 20' 13.00960"	1396.911	2009/12/7	NYAGATARE RUTARAKA GIHORUBWA 727 Not in use
BF	-01 20' 07.58436"	30 12' 18.72886"	1453.868	2009/12/7	KARAMA KABUGA NYAMIRAMA 758
BF	-01 20' 15.26054"	30 15' 18.59663"	1391.864	2009/12/7	RUKOMO MUSHENYI AMIZERO 867
BF	-01 20' 17.32360"	30 18' 02.88450"	1388.259	2009/12/7	NYAGATARE BUSHOGA CYONYO 775
BF	-01 20' 17.76234"	30 11' 20.50858"	1492.321	2009/12/7	KARAMA KABUGA NYAMIRAMA 757
BF	-01 20' 18.58038"	30 13' 17.67180"	1427.673	2009/12/7	KARAMA KGIKUNDAMVURA URUGWIRO 761
BF	-01 20' 20.32358"	30 19' 40.03784"	1370.715	2009/12/7	NYAGATARE RUTARAKA NKONJE 731
BF	-01 20' 21.84681"	30 23' 42.94511"	1359.66	2009/12/7	NYAGATAREYRABEGAMARONGERO I 747
BF	-01 20' 24.99676"	30 16' 55.51100"	1401.958	2009/12/7	RUKOMORURENGE KABEZA 883
BF	-01 20' 26.70224"	30 15' 58.29556"	1456.272	2009/12/7	RUKOMO MUSHENYI AKAMASHEKA 873
BF	-01 20' 29.51394"	30 22' 35.39629"	1396.911	2009/12/7	NYAGATAREYRABEGA MARONGERO II 746
BF	-01 20' 30.97168"	30 14' 48.65107"	1379.607	2009/12/7	RUKOMO NYANGARAMA NYANGARAMA 860
BF	-01 20' 33.24204"	30 13' 00.28747"	1429.355	2009/12/7	KARAMA GIKUNDAMVURA CYIMPUNDU 760
BF	-01 20' 33.27523"	30 17' 00.25598"	1393.546	2009/12/7	RUKOMO RURENGE KABEZA 881
BF	-01 20' 36.42700"	30 10' 35.03539"	1518.276	2009/12/7	KARAMA KABUGA KABUGA CENTRE 752
BF	-01 20' 40.33826"	30 10' 44.01512"	1527.409	2009/12/7	KARAMA KABUGA KABUGA CENTRE 789
BF	-01 20' 41.64272"	30 16' 56.54356"	1376.002	2009/12/7	RUKOMO RURENGE KABEZA 880
BF	-01 20' 47.63907"	30 12' 11.68391"	1468.529	2009/12/7	KARAMA BUSHARA IHURIRO 778
BF	-01 20' 47.68885"	30 21' 52.61137"	1510.826	2009/12/7	NYAGATARERUTARAKARYABEGA 734
BF	-01 20' 48.07720"	30 16' 32.35994"	1407.485	2009/12/7	RUKOMO RURENGE NYAMIRAMBO 886
BF	-01 20' 48.27213"	30 12' 21.18298"	1495.686	2009/12/7	KARAMA BUSHARA GIKUNDAMVURA CENTRE 767
BF	-01 20' 52.51834"	30 15' 15.97259"	1400.035	2009/12/7	RUKOMO MUSENYIMUSENYI 866
BF	-01 20' 56.76998"	30 13' 34.00907"	1427.913	2009/12/7	KARAMA GIKUNDAMVURA GIKUNDAMVURA I 763
BF	-01 21' 01.88522"	30 11' 26.86520"	1490.398	2009/12/7	KARAMA KABUGA KABEZA 771
BF	-01 21' 03.97543"	30 11' 04.08682"	1461.8	2009/12/7	KARAMA KABUGA RUKAMBA 784
BF	-01 21' 06.62931"	30 14' 55.95763"	1410.85	2009/12/7	RUKOMO NYANGARAMA KARUGONDO 863
BF	-01 21' 09.03786"	30 16' 16.52628"	1447.86	2009/12/7	RUKOMO RURENGE KABUSUNZU 888
BF	-01 21' 10.46302"	30 12' 41.47132"	1459.156	2009/12/7	KARAMA BUSHARA KADENDEGERI 779
BF	-01 21' 10.68571"	30 14' 22.74266"	1412.532	2009/12/7	RUKOMO NYAKAGARAMA KAYENZI 858
BF	-01 21' 15.84863"	30 12' 07.10608"	1452.186	2009/12/7	KARAMA KABUGA KABEZA 775
BF	-01 21' 18.13286"	30 17' 01.97624"	1364.947	2009/12/7	RUKOMO RURENGE RUSHASHI 879
BF	-01 21' 18.43719"	30 15' 20.49592"	1426.711	2009/12/7	RUKOMO MUSENYI MUSENYI 865
BF	-01 21' 21.16936"	30 11' 54.76366"	1486.313	2009/12/7	KARAMA KABUGA KABEZA 773
BF	-01 21' 22.50339"	30 23' 57.03014"	1351.249	2009/12/7	NYAGATAREYRABEGAMARONGERO743
BF	-01 21' 22.62288"	30 18' 00.60178"	1351.249	2009/12/7	NYAGATARE BUSHOGA BUSHOGA 771
BF	-01 21' 22.71824"	30 22' 00.10772"	1475.979	2009/12/7	NYAGATARERUTARAKARYABEGA 733
BF	-01 21' 26.54229"	30 10' 12.83513"	1506.02	2009/12/7	KARAME NDEGO KANYAMI 748
BF	-01 21' 30.26316"	30 13' 01.09250"	1420.703	2009/12/7	KARAMA BUSHARA RUYENZI 780
BF	-01 21' 35.45263"	30 24' 10.65107"	1349.086	2009/12/7	NYAGATAREYRABEGAMARONGERO 744
BF	-01 21' 38.79389"	30 14' 07.14829"	1420.703	2009/12/7	RUKOMO NYAKAGARAMA NYAMWOROMA 857
BF	-01 21' 40.45230"	30 10' 42.10172"	1469.97	2009/12/7	KARAMA NDEGO MATEREZA 747
BF	-01 21' 40.57964"	30 09' 50.87840"	1512.749	2009/12/7	KARAMA NDEGO NDEGO CNTRE 744
BF	-01 21' 43.79627"	30 17' 04.76804"	1368.792	2009/12/7	RUKOMO RURENGE BIRYOGO 878
BF	-01 21' 44.13997"	30 22' 43.49100"	1394.267	2009/12/7	NYAGATAREYRABEGARYABEGA 742
BF	-01 21' 45.34877"	30 14' 43.64959"	1495.926	2009/12/7	RUKOMO GASHENYI GASHENYI 849
BF	-01 21' 46.22988"	30 15' 00.13655"	1468.769	2009/12/7	RUKOMO GASHENYI AGASASA 852
BF	-01 21' 47.09620"	30 10' 23.85167"	1497.128	2009/12/7	KARAMA NDEGO KANYAMI 745
BF	-01 21' 47.77483"	30 17' 55.02516"	1377.204	2009/12/7	CYAGATARE BUSHOGA BUSHOGA BUSHOGA 770
BF	-01 21' 47.97821"	30 09' 31.10634"	1540.146	2009/12/7	KARAMA NDEGO NDEGO CENTRE 794
BF	-01 21' 49.25611"	30 22' 12.56873"	1449.302	2009/12/7	NYAGATAREYRABEGARYABEGA 741
BF	-01 21' 50.59763"	30 18' 21.22790"	1358.699	2009/12/7	NYAGATARE BUSHOGA CYONYO 776
BF	-01 21' 50.77029"	30 22' 06.00992"	1463.722	2009/12/7	NYAGATARERUTARAKAMUGARI 740
BF	-01 21' 54.03520"	30 09' 13.88462"	1527.409	2009/12/7	KARAMA NDEGO NDEGO CENTRE 797
BF	-01 21' 56.51739"	30 14' 18.75415"	1443.775	2009/12/7	RUKOMO MUGASASA GASHENYI 851
BF	-01 21' 58.69511"	30 13' 37.52774"	1426.711	2009/12/7	RUKOMO NYAKAGARAMA NYAMWOROMA 855
BF	-01 21' 59.16221"	30 10' 59.08624"	1476.94	2009/12/7	KARAMA NDEGO RUSORORO 746
BF	-01 21' 59.43198"	30 14' 49.49236"	1492.802	2009/12/7	RUKOMO GASHENYI MUGASASA 847
BF	-01 22' 05.31034"	30 15' 25.82287"	1426.231	2009/12/7	RUKOMO GASHENYI MURORE 843
BF	-01 22' 07.40689"	30 12' 24.47896"	1410.85	2009/12/7	KARAMA CYINKWANZI KABEZA 805
BF	-01 22' 10.72793"	30 18' 57.07339"	1370.475	2009/12/7	NYAGATAREBUSHOGA RYINKUYU 777
BF	-01 22' 11.87096"	30 16' 17.40194"	1388.499	2009/12/7	RUKOMORUKOMO II KABEZA 816
BF	-01 22' 14.79128"	30 16' 50.65313"	1393.065	2009/12/7	RUKOMO RUKOMO II KABEZA 815
BF	-01 22' 15.86973"	30 12' 08.44978"	1429.355	2009/12/7	KARAMA CYINKWANZI KABEZA 804
BF	-01 22' 18.15095"	30 17' 53.84018"	1349.566	2009/12/7	NYAGATAREGAKIRAGEMINGINGO 756
BF	-01 22' 21.88599"	30 09' 50.78786"	1491.119	2009/12/7	KARAMA NYAKIGA KANUNGA 801
BF	-01 22' 24.56702"	30 14' 10.94881"	1480.064	2009/12/7	RUKOMOGASHENYI GASHENYI 850
BF	-01 22' 26.49701"	30 15' 43.07386"	1388.98	2009/12/7	RUKOMO GASHENYIHURIRO 827
BF	-01 22' 27.59054"	30 10' 41.90801"	1474.296	2009/12/7	KARAMA GIKAGATI GATABA 802
BF	-01 22' 29.82892"	30 11' 20.13562"	1455.791	2009/12/7	KARAMA GIKAGATI KIYOVU 803
BF	-01 22' 30.92909"	30 09' 15.08681"	1533.417	2009/12/7	KARAMA NYAKIGA KABEZA 736
BF	-01 22' 31.22420"	30 16' 00.79824"	1426.231	2009/12/7	RUKOMORUKOMO IIRUGABANO 818

4.1 Données de localisation de tous les ouvrages (3/55)

Name	Latitude	Longitude	Alti	Date	Comments
BF	-01 22' 32.89559"	30 15' 10.50732"	1401.477	2009/12/7	RUKOMOGASENYI RUKOMO 842
BF	-01 22' 34.79841"	30 15' 18.04982"	1390.662	2009/12/7	RUKOMOGASHENYIREBERO 823
BF	-01 22' 35.75465"	30 13' 06.32122"	1479.583	2009/3/1	GATUNDA NYAMIREMBE MABARE 956
BF	-01 22' 37.25615"	30 13' 47.63964"	1456.993	2009/3/1	GATUNDA NYAMIREMBE BYIMANA 951
BF	-01 22' 38.35241"	30 15' 11.00401"	1395.469	2009/12/7	RUKOMOGASHENYI REBERO 826
BF	-01 22' 39.23423"	30 14' 59.32385"	1420.944	2009/12/7	RUKOMOGASHENYINYAMIRAMBO 841
BF	-01 22' 40.91938"	30 15' 06.03180"	1404.121	2009/12/7	RUKOMO GASHENYIREBERO 824
BF	-01 22' 42.74345"	30 14' 35.21332"	1441.852	2009/12/7	RUKOMOGASHENYI GISENYI 840
BF	-01 22' 45.01863"	30 16' 56.75329"	1367.831	2009/12/7	RUKOMORUKOMO II SANGANO 814
BF	-01 22' 45.92569"	30 14' 45.44171"	1424.068	2009/12/7	RUKOMO GASHENYI NYAMIRAMBO 839
BF	-01 22' 46.31766"	30 11' 03.42841"	1493.282	2009/12/7	KARAMA GIKAGATI NYABITARE 811
BF	-01 22' 46.40487"	30 12' 36.87448"	1447.86	2009/12/7	GATUNDA NYAMIKAMBA NYAMIKAMBA 926
BF	-01 22' 48.26877"	30 11' 55.45619"	1460.357	2009/12/7	KARAMA CYINKWANZI RUREMBO 808
BF	-01 22' 48.70087"	30 15' 06.87218"	1394.507	2009/12/7	RUKOMO GASHENYINYAMIRAMBO 828
BF	-01 22' 50.10642"	30 11' 57.10524"	1451.946	2009/12/7	KARAMA CYINKWANZI RUREMBO 807
BF	-01 22' 51.09887"	30 19' 46.10600"	1485.832	2009/12/7	NYAGATAREBUSHOGA RUHUHA II 778
BF	-01 22' 51.81522"	30 14' 57.94523"	1407.245	2009/12/7	RUKOMO GASHENYI NYAMIRAMBO 838
BF	-01 22' 56.12811"	30 17' 44.28020"	1384.414	2009/12/7	NYAGATAREGAKIRAGEKIBOGA I 754
BF	-01 22' 56.59853"	30 16' 31.31710"	1420.463	2009/12/7	RUKOMO RUKOMO II AMAHORO 821
BF	-01 22' 58.04723"	30 15' 20.84011"	1424.789	2009/12/7	RUKOMO GASHENYIBUKAMBA 829
BF	-01 23' 03.50978"	30 13' 14.00858"	1452.427	2009/3/1	GATUNDA NYAMIREMBE MABARE 955
BF	-01 23' 04.26476"	30 14' 33.94597"	1467.087	2009/12/7	RUKOMO GASHENYISANGANO 837
BF	-01 23' 06.35044"	30 13' 26.99764"	1471.412	2009/3/1	GATUNDA NYAMIREMBE KIRINDIMURE 950
BF	-01 23' 08.04959"	30 23' 27.36974"	1341.155	2009/12/7	NYAGATAREYABEGARUGENDO 745
BF	-01 23' 14.26500"	30 10' 28.74965"	1493.042	2009/12/7	KARAMA NYAKIGA MABARE 813
BF	-01 23' 17.03355"	30 17' 24.40280"	1366.389	2009/12/7	NYAGATAREGAKIRAGEGAKIRAGE 757
BF	-01 23' 18.11924"	30 14' 43.05275"	1421.184	2009/12/7	RUKOMOGASHENYI SANGANO 835
BF	-01 23' 19.35882"	30 17' 46.00046"	1376.483	2009/12/7	NYAGATARE GAKIRAGE KIBOGA I 753
BF	-01 23' 23.65210"	30 09' 45.69437"	1490.879	2009/12/7	KARAMA NYAKIGA KARAMA CENTRE 818
BF	-01 23' 24.80840"	30 15' 22.04708"	1456.993	2009/12/7	RUKOMO GASHENYI BUKAMBA 831
BF	-01 23' 25.02506"	30 13' 24.62408"	1452.427	2009/3/1	GATUNDA NYAMIREMBE KIRINDIMURE 953
BF	-01 23' 26.17170"	30 08' 01.27460"	1580.041	2009/12/7	KIYOMBE TOVU GATSATA 740
BF	-01 23' 26.27399"	30 16' 15.34012"	1432.479	2009/12/7	RUKOMORUKOMO IINYARUBUYE 811
BF	-01 23' 29.25615"	30 17' 00.91925"	1487.514	2009/12/7	RUKOMOGASHENYI REBERO 823
BF	-01 23' 29.27036"	30 14' 50.46036"	1422.145	2009/12/7	RUKOMO GASHENYI BUKAMBA 834
BF	-01 23' 30.55128"	30 11' 24.68447"	1458.194	2009/3/1	GATUNDA NYARUREMA BUTIMBA 958
BF	-01 23' 33.78964"	30 12' 55.18400"	1459.396	2009/12/7	GATUNDA NYAMIKAMBA RYAMUVARA 927
BF	-01 23' 35.96193"	30 16' 43.39459"	1393.546	2009/12/7	RUKOMORUKOMO II ISANGANO 810
BF	-01 23' 37.37532"	30 09' 10.09379"	1519.958	2009/12/7	KARAMA NYAKIGA HUMURE 742
BF	-01 23' 40.01351"	30 15' 06.31393"	1430.797	2009/12/7	RUKOMO GASHENYI BUKAMBA 833
BF	-01 23' 41.98694"	30 13' 48.74102"	1521.4	2009/12/7	GATUNDA KABEZA MUVUMBA 934
BF	-01 23' 42.18972"	30 14' 23.51180"	1481.506	2009/12/7	GATUNDKABEZA KABEZA 942
BF	-01 23' 43.37710"	30 09' 47.26951"	1472.374	2009/12/7	KARAMA NYAKIGA KARAMA CENTRE 824
BF	-01 23' 44.73859"	30 09' 15.25882"	1493.282	2009/12/7	KARAMA NYAKIGA KARAMA CENTRE 822
BF	-01 23' 46.75034"	30 13' 48.00385"	1525.486	2009/12/7	GATUNDA NYAMIKAMBA RWIBARE 936
BF	-01 23' 46.79319"	30 08' 30.02914"	1556.729	2009/12/7	KIYOMBE TOVU TYAZO 741
BF	-01 23' 47.09434"	30 17' 46.34174"	1401.718	2009/12/7	NYAGATAREGAKIRAGEGAKIRAGE 751
BF	-01 23' 47.28836"	30 13' 12.80158"	1459.876	2009/12/7	GATUNDA NYAMIKAMBA GITOVU 932
BF	-01 23' 51.80916"	30 15' 59.51038"	1423.347	2009/12/7	RUKOMORUKOMO II BERWA 809
BF	-01 23' 51.81550"	30 12' 47.61281"	1478.622	2009/12/7	GATUNDA RYAMIKAMBA RYABUVARA 929
BF	-01 23' 52.49081"	30 12' 24.15521"	1521.16	2009/12/7	GATUNDA NYAMIKAMBA RYABUVARA 924
BF	-01 23' 54.08404"	30 19' 16.23623"	1461.559	2009/12/7	NYAGATAREGAKIRAGEKIBOGA II 752
BF	-01 23' 55.55205"	30 10' 56.39225"	1487.995	2009/3/1	GATUNDA NYARUREMA BUBARE 960
BF	-01 23' 55.73310"	30 23' 18.46907"	1368.792	2009/12/7	Nyagatare Rwisirabo Karangazi 873
BF	-01 23' 57.46423"	30 24' 21.90294"	1355.815	2009/12/7	Nyagatare Rwisirabo Rukundo 875
BF	-01 23' 58.03483"	30 09' 19.44166"	1505.779	2009/12/7	GATUNDA NYANGARA MUTUMBA 892
BF	-01 23' 59.50133"	30 23' 14.28320"	1362.303	2009/12/7	Nyagatare Rwisirabo Karangazi 877
BF	-01 24' 00.99951"	30 14' 39.76278"	1422.626	2009/12/7	GATUNDA KABEZA IREBERO 943
BF	-01 24' 02.24332"	30 13' 27.34586"	1497.849	2009/12/7	GATUNDA NYAMIKAMBA BYIMANA 933
BF	-01 24' 04.33595"	30 16' 25.33163"	1372.157	2009/12/7	RUKOMO GAHORARA WAMAHORO 806
BF	-01 24' 06.99888"	30 17' 35.76664"	1407.245	2009/12/7	NYAGATAREGAKIRAGENKONGI 750
BF	-01 24' 08.85252"	30 15' 34.40642"	1440.891	2009/12/7	RUKOMOGAHORARA URUGWIRO 795
BF	-01 24' 09.73121"	30 15' 57.39844"	1415.176	2009/12/7	RUKOMO GAHORARA URUMURI 808
BF	-01 24' 14.87874"	30 12' 17.66851"	1505.058	2009/12/7	GATUNDA RWENSHEKE KABUYE 920
BF	-01 24' 15.68410"	30 10' 20.63834"	1525.727	2009/3/1	GATUNDA NYARUREMA BUGUMA 963
BF	-01 24' 18.14245"	30 17' 23.52502"	1387.298	2009/12/7	NYAGATAREGAKIRAGENKONGI 749
BF	-01 24' 20.16779"	30 23' 21.66461"	1372.397	2009/12/7	Nyagatare Rwisibo Rukundo 876
BF	-01 24' 20.25197"	30 16' 24.86298"	1372.157	2009/12/7	RUKOMO GAHORARA NUMBER ONE(1) 805
BF	-01 24' 21.31775"	30 15' 22.71881"	1464.683	2009/12/7	RUKOMOGAHORARA RAMBURA 798
BF	-01 24' 22.07272"	30 14' 12.44699"	1437.767	2009/12/7	GATUNDA KABEZA HURIRO 941
BF	-01 24' 25.35937"	30 11' 07.63087"	1488.476	2009/12/7	GATUNDA CYAGAJU ISANGANO 916
BF	-01 24' 27.91186"	30 09' 24.04361"	1524.044	2009/12/7	GATUNDA NYANGARA MUTUMBA 893
BF	-01 24' 30.62398"	30 15' 05.22220"	1418.781	2009/12/7	GATUNDA KABEZAIREBERO 945
BF	-01 24' 31.39072"	30 15' 55.62238"	1445.938	2009/12/7	RUKOMO GAHORARARAMBURA 801
BF	-01 24' 32.44201"	30 12' 55.75370"	1426.711	2009/12/7	GATUNDA NYAMIKAMBA GITOVU 931
BF	-01 24' 33.08986"	30 15' 18.13766"	1450.504	2009/12/7	RUKOMO GAHORARA RUYONZA 800
BF	-01 24' 33.21117"	30 11' 40.19978"	1489.917	2009/12/7	GATUNDA RWENSHEKE RWENSHEKE 919

4.1 Données de localisation de tous les ouvrages (4/55)

Name	Latitude	Longitude	Alti	Date	Comments
BF	-01 24' 37.29322"	30 07' 24.61156"	0	2009/3/1	KIYOMBE KARAMBO KINOGA 632 Working
BF	-01 24' 46.06052"	30 16' 57.87458"	1364.947	2009/12/7	NYAGATARECYABAYAGA CYABAYAGA 758
BF	-01 24' 46.65376"	30 09' 56.79450"	1549.279	2009/3/1	GATUNNDA NYARUREMA KABEZA 964
BF	-01 24' 49.45851"	30 13' 42.27035"	1430.076	2009/12/7	GATUNDAKABEZA NYAMIRAMBO 937
BF	-01 24' 49.84686"	30 15' 47.43108"	1418.3	2009/12/7	RUKOMO GAHORARA URUKUNDO 803
BF	-01 24' 51.33298"	30 07' 36.75875"	0	2009/3/1	KIYOMBE KARAMBO NYAKABUNGO 633 Working
BF	-01 24' 53.60424"	30 12' 24.16486"	1464.924	2009/12/7	GATUNDAWENSHEKE NYIRABURU NGA 922
BF	-01 24' 55.72493"	30 15' 14.73422"	1407.005	2009/12/7	RUKOMO GAHORARA ISANGANO 804
BF	-01 24' 56.00887"	30 17' 02.61143"	1392.825	2009/12/7	NYAGATARECYABAYAGA CYABAYAGA 762
BF	-01 24' 59.76081"	30 17' 22.41852"	1376.723	2009/12/7	NYAGATARE CYABAYAGA CYABAYAGA 765
BF	-01 25' 00.12019"	30 18' 59.12982"	1460.598	2009/12/7	Katabagemu Kanyeanyeye Kabaza 914
BF	-01 25' 02.35706"	30 14' 27.27370"	1417.819	2009/12/7	GATUNDA KABEZA MUYENJI 940
BF	-01 25' 04.45753"	30 09' 46.36818"	1550.961	2009/12/7	GATUNDA NYARUREMA KABEZA 894
BF	-01 25' 08.19468"	30 12' 45.17287"	1448.101	2009/12/7	Mukama Rugarama Byimana 020
BF	-01 25' 12.57366"	30 13' 12.24574"	1419.261	2009/12/7	Mukama Rugarama Byimana 016
BF	-01 25' 15.79573"	30 12' 51.82373"	1467.567	2009/12/7	Mukama Rugarama Kireranyana 019
BF	-01 25' 17.70700"	30 16' 44.94166"	1391.383	1989/12/31	NYAGATARECYABAYAGA KAMONYI 759
BF	-01 25' 18.72571"	30 11' 23.48563"	1491.84	2009/12/7	GATUNDA CYAGAJU KIBISABO 913
BF	-01 25' 19.06487"	30 07' 52.05378"	0	2009/3/1	KIYOMBE KARAMBO RWIMISAVE 634 Not Working
BF	-01 25' 20.04073"	30 09' 57.38832"	1555.767	2009/12/7	GATUNDA NYANGARA MUGOMERO 895
BF	-01 25' 22.31983"	30 10' 30.45785"	1546.635	2009/12/7	GATUNDA CYAGAJUHANGANYUNDO 910
BF	-01 25' 22.62249"	30 16' 17.31414"	1369.514	2009/12/7	Mimuli Rugari Isangano 947
BF	-01 25' 25.08325"	30 14' 04.33118"	1396.19	2009/12/7	Mukama Bufunda Nyakajeje 003
BF	-01 25' 27.83459"	30 14' 37.78933"	1404.601	2009/12/7	Mukama Bufunda Nyakajeje 013
BF	-01 25' 28.69457"	30 12' 33.73117"	1447.38	2009/12/7	Mukama Rugarama kibondo 036
BF	-01 25' 30.65533"	30 19' 30.98449"	1475.017	2009/12/7	Katabagemu Kaduha Kanyinya 916
BF	-01 25' 31.42871"	30 10' 07.00687"	1557.931	2009/12/7	GATUNDA NYANGARA RAMIRO 896
BF	-01 25' 31.79534"	30 10' 54.26098"	1530.533	2009/12/7	GATUNDA CYAGAJU IRAMIRO 911
BF	-01 25' 32.45436"	30 10' 31.54537"	1556.008	2009/12/7	GATUNDA CYAGAJU IRAMIRO 908
BF	-01 25' 33.78205"	30 18' 12.47616"	1369.994	2009/12/7	NYAGATARECYABAYAGA URUGERO 767
BF	-01 25' 37.91902"	30 12' 39.00906"	1428.634	2009/12/7	Mukama Rugarama Kibondo 037
BF	-01 25' 37.93260"	30 07' 59.56612"	0	2009/3/1	KIYOMBE KARAMBO NYABWUNGURUKA 635 Working
BF	-01 25' 38.39609"	30 11' 26.57040"	0	2009/3/1	MUKAMA KAGINA NYAKAGARAMA 626 Not
BF	-01 25' 40.68093"	30 18' 38.10366"	1404.601	2009/12/7	Katabagemu Kanyeanyeye Kabaya 911
BF	-01 25' 40.91056"	30 18' 38.11334"	1403.88	2009/12/7	Katabagemu Kanyeanyeye Kabaza 912
BF	-01 25' 41.27839"	30 16' 17.07395"	1379.848	2009/12/7	Mimuli Rugari Isangano 943
BF	-01 25' 44.35291"	30 16' 37.08984"	1381.049	2009/12/7	NYAGATARECYABAYAGA KAMONYI 760
BF	-01 25' 44.58163"	30 06' 24.13480"	1674.73	2009/3/1	KIYOMBE KABUNGO BITARE 968
BF	-01 25' 48.33780"	30 13' 07.68605"	1412.292	2009/12/7	Mukama Rugarama Kirera nyana 015
BF	-01 25' 49.16579"	30 16' 06.64072"	1404.842	2009/12/7	Mimuli Rugari Isangano 950
BF	-01 25' 49.48927"	30 17' 41.85532"	1402.198	2009/12/7	NYAGATARE CYABAYAGA URUGERO 766
BF	-01 25' 55.32539"	30 15' 59.98957"	1399.074	2009/12/7	Mimuli Rugari Nteko 951
BF	-01 25' 58.46116"	30 10' 52.56214"	0	2009/3/1	MUKAMA KAGINA NYAGATARE 624 Not Working
BF	-01 25' 58.91438"	30 14' 01.47934"	1432.72	2009/12/7	Mukama Bufunda Rebero 006
BF	-01 26' 00.75052"	30 21' 11.15957"	1412.292	2009/12/7	Katabagemu Nyakigando Rebero 919
BF	-01 26' 03.09964"	30 08' 35.70047"	1563.218	2009/3/1	KIYOMBE KARUJUMBA CYENZIZE 979
BF	-01 26' 03.80724"	30 15' 54.86828"	1410.85	2009/12/7	Mimuli Rugari Nteko 952
BF	-01 26' 04.58665"	30 15' 56.21350"	1403.64	2009/12/7	Mimuli Rugari Ubumwe 954
BF	-01 26' 06.97922"	30 19' 26.56297"	1475.498	2009/12/7	Katabagemu Kaduha Kaduha I 921
BF	-01 26' 08.08693"	30 09' 06.58264"	1570.187	2009/3/1	KIYOMBE KARUJUMBA KAGOROGORO 981
BF	-01 26' 08.49339"	30 15' 56.26750"	1422.145	2009/12/7	Mimuli Rugari Nteko 953
BF	-01 26' 09.55494"	30 08' 01.46288"	1558.652	2009/3/1	KIYOMBE KARUJUMBA KARUJUMBA 978
BF	-01 26' 11.30357"	30 14' 21.19409"	1411.331	2009/12/7	Mukama Bufunda Bitabo 010
BF	-01 26' 12.99457"	30 12' 28.68354"	1409.167	2009/12/7	Mukama Gishororo Kabaza 043
BF	-01 26' 13.06307"	30 08' 58.94689"	1542.55	2009/3/1	KIYOMBE KARUJUMBA KAGOROGORO 980
BF	-01 26' 13.09415"	30 15' 39.55727"	1402.198	2009/12/7	Mimuli Rugari Ubumwe 955
BF	-01 26' 14.02444"	30 20' 41.54384"	1440.17	2009/12/7	Katabagemu Nyakigando Rebero 918
BF	-01 26' 14.26282"	30 11' 59.48725"	1427.432	2009/12/7	Mukama Gishororo Kabukunzi 041
BF	-01 26' 14.31834"	30 09' 59.58536"	1587.491	2009/12/7	GATUNDA NYANGARA RYANYABUGWENDE 899
BF	-01 26' 19.29116"	30 14' 38.57449"	1375.041	2009/12/7	Mukama Bufunda Bufunda 011
BF	-01 26' 19.46346"	30 14' 38.72900"	1376.002	2009/12/7	Mukama Bufunda Kibihanga 012
BF	-01 26' 20.74710"	30 10' 30.46933"	0	2009/3/1	MUKAMA KAGINA NYAGATARE 623 Temporal Working
BF	-01 26' 21.73049"	30 07' 24.04063"	1610.082	2009/3/1	KIYOMBKABUNGO CYONDO 977
BF	-01 26' 23.00659"	30 11' 22.03210"	0	2009/3/1	MUKAMA KAGINA NYAKAGARAMA 601 Not Working
BF	-01 26' 23.13604"	30 07' 19.00052"	1597.104	2009/3/1	KIYOMBE KABUNGO CYONDO 966
BF	-01 26' 24.16862"	30 19' 26.32609"	1495.445	2009/12/7	Katabagemu Nyakigando Kaduha II 923
BF	-01 26' 25.41122"	30 09' 09.42541"	1559.613	2009/3/1	KIYOMBE KARUJUMBAKAGOROGORO 982
BF	-01 26' 25.97036"	30 20' 10.23022"	1444.736	2009/12/7	Katabagemu Nyakigando Nyakigando 920
BF	-01 26' 29.48030"	30 11' 45.43148"	1456.993	2009/12/7	Mukama Gishororo Akinyambo 042
BF	-01 26' 35.34659"	30 15' 28.26857"	1405.803	2009/12/7	Mimuli Rugari Ubumwe 957
BF	-01 26' 37.03820"	30 09' 50.57122"	1608.399	2009/12/7	GATUNDA NYANGARA RYANYABUGWENDE 904
BF	-01 26' 39.96908"	30 12' 57.02044"	1431.518	2009/12/7	Mimuli Mahoro Shenga I 976
BF	-01 26' 40.67427"	30 10' 00.83975"	1604.073	2009/12/7	GATUNDA NYANGARA CENTRE MUHAMBO 905
BF	-01 26' 41.69357"	30 17' 40.15982"	1515.152	2009/12/7	Katabagemu Kigarama Kanguka 908
BF	-01 26' 42.96182"	30 10' 19.57832"	1576.676	2009/12/7	GATUNDA NYANGARA BUGARAMA 907
BF	-01 26' 46.16790"	30 13' 22.15304"	1413.013	2009/12/7	Mimuli Mahoro Shenga I

4.1 Données de localisation de tous les ouvrages (5/55)

Name	Latitude	Longitude	Alti	Date	Comments
BF	-01 26' 48.01551"	30 10' 59.30198"	0	2009/3/1	MUKAMA KAGINA CYABAHURURA 603 Not Working
BF	-01 26' 50.42195"	30 06' 55.47744"	1667.52	2009/3/1	GATUNDA NYARUREMA KABEZA 974
BF	-01 26' 51.51579"	30 15' 03.73882"	1380.809	2009/12/7	Mimuli Rugari Urumuri 959
BF	-01 26' 52.12894"	30 11' 30.85764"	0	2009/3/1	MUKAMA KAGINA CYABAHURURA 607 Working
BF	-01 26' 56.67207"	30 14' 00.72557"	1418.3	2009/12/7	Mimuli Mahoro Nyabugogo 979
BF	-01 26' 58.79517"	30 08' 50.59478"	1593.259	2009/12/7	KIYOMBE KAJUMBA NYANGE 826
BF	-01 27' 00.52751"	30 14' 43.00868"	1401.477	2009/12/7	Mimuli Mimuli Karukwanzi 961
BF	-01 27' 00.62377"	30 16' 12.89687"	1412.052	2009/12/7	Katabagemu Bayigaburire Ikorosi 896
BF	-01 27' 02.62526"	30 07' 29.39426"	1682.42	2009/3/1	KIYOMBE KABUNGO CYINDEGE 973
BF	-01 27' 03.11741"	30 11' 40.76466"	0	2009/3/1	MUKAMA KAGINA KAGANGA 610 Not Working
BF	-01 27' 05.38988"	30 13' 26.03266"	1478.142	2009/12/7	Mimuli Mahoro Rebro 978
BF	-01 27' 06.83948"	30 17' 56.83204"	1484.39	2009/12/7	Katabagemu Kigarama Kibuye 906
BF	-01 27' 06.89018"	30 12' 47.54945"	1433.441	2009/12/7	Mimuli Mahoro Cyambwana 987
BF	-01 27' 13.25345"	30 17' 18.29843"	1448.581	2009/12/7	Katabagemu Katabagemu Munanira 905
BF	-01 27' 18.64419"	30 11' 05.48182"	0	2009/3/1	MUKAMA KAGINA KIRERANYANA 613 Not Working
BF	-01 27' 20.40881"	30 13' 54.29712"	1414.214	2009/12/7	Mimuli Mahoro Mzero 980
BF	-01 27' 22.17434"	30 15' 38.07115"	1418.781	2009/12/7	Mimuli Mimuli Rebero 963
BF	-01 27' 28.35928"	30 16' 39.30859"	1418.3	2009/12/7	Katabagemu Bayigaburire Agasasa 897
BF	-01 27' 29.77599"	30 13' 29.23057"	1425.75	2009/12/7	2/28/2009
BF	-01 27' 30.94557"	30 14' 27.04528"	1389.941	2009/12/7	Mimuli Bibare Karukwanzi I 972
BF	-01 27' 33.12540"	30 12' 42.66324"	1434.642	2009/12/7	Mimuli Mahoro Cyambwana BF
BF	-01 27' 35.56142"	30 11' 04.86380"	0	2009/3/1	MUKAMA KAGINA KIRERANYANA 615 Not Working
BF	-01 27' 36.72013"	30 11' 29.42858"	0	2009/3/1	MUKAMA KAGINA KAGANGA 611 Not Working
BF	-01 27' 46.00976"	30 16' 11.70343"	1451.946	2009/12/7	Katabagemu Bayigaburire Nyagahandagaza 894
BF	-01 27' 53.96566"	30 11' 15.21503"	0	2009/3/1	MUKAMA KAGINA KIRERANYANA 616 Not Working
BF	-01 28' 01.44389"	30 16' 20.60893"	1487.514	2009/12/7	Katabagemu Bayigaburire Nyagahandagaza 892
BF	-01 28' 02.52627"	30 14' 11.48503"	1389.941	2009/12/7	Mimuli Bibare Bibare 970
BF	-01 28' 05.66204"	30 16' 58.26745"	1422.866	2009/12/7	Katabagemu Bayigaburire Agasasa 899
BF	-01 28' 10.83582"	30 17' 59.39174"	1491.6	2009/12/7	Katabagemu Kigarama Kigarama 933
BF	-01 28' 11.34849"	30 16' 58.13861"	1414.935	2009/12/7	Katabagemu Bayigaburire Agasasa 900
BF	-01 28' 12.22658"	30 13' 23.27830"	1431.518	2009/12/7	Mimuli Gakoma Kumusaraba 992
BF	-01 28' 12.38439"	30 17' 39.04634"	1472.374	2009/12/7	Katabagemu Katabagemu Kigarama 934
BF	-01 28' 25.65921"	30 16' 35.31677"	1469.49	2009/12/7	Katabagemu Bayigaburire Gikandura 886
BF	-01 28' 27.18817"	30 16' 35.27483"	1481.987	2009/12/7	Katabagemu Bayigaburire Gikandura 887
BF	-01 28' 34.72374"	30 12' 51.28628"	1467.087	2009/12/7	Mimuli Gakoma Nyarwina 995
BF	-01 28' 36.62928"	30 16' 59.56709"	1430.557	2009/12/7	Katabagemu Bayigaburire Bingaro 901
BF	-01 28' 38.07496"	30 12' 49.83912"	1469.73	2009/12/7	Mimuli Gakoma Nyarwina 996
BF	-01 28' 45.84408"	30 15' 20.31689"	1472.614	2009/12/7	Mimuli Bibare Isangano 965
BF	-01 28' 49.23301"	30 17' 44.31397"	1494.965	2009/12/7	Katabagemu Rugazi Akabira 930
BF	-01 28' 51.46716"	30 11' 51.06876"	1456.993	2009/6/3	BF
BF	-01 28' 53.85580"	30 16' 33.62124"	1491.84	2009/12/7	Katabagemu Bayigaburire Gkandura 944
BF	-01 28' 58.15421"	30 14' 42.88315"	1451.225	2009/12/7	Mimuli Bibare Nyamafure 966
BF	-01 29' 01.22450"	30 17' 25.69279"	1501.934	2009/9/23	BF
BF	-01 29' 07.20485"	30 16' 51.71862"	1444.976	2009/12/7	Katabagemu Katabagemu Gashenyi 938
BF	-01 29' 31.30128"	30 16' 59.62865"	1504.337	2009/12/7	Katabagemu Rugazi Ishyirahamwe 940
BF	-01 29' 32.20592"	30 16' 41.12483"	1447.62	2009/12/7	Katabagemu Bayigaburire Byimana 942
BF	-01 29' 38.05562"	30 15' 08.8096"	1472.854	2009/2/24	NGARAMA KARAMBI KAMURI 595
BF	-01 29' 51.01512"	30 13' 56.85564"	0	2009/12/7	NGARAMA BUGAMBA KINIHIRA 434 Temporal working
BF	-01 29' 55.96832"	30 12' 58.02977"	1396.19	2009/12/7	NYAGIHANGANYAGITABIREPAR CHANGE548
BF	-01 29' 57.05763"	30 13' 25.37936"	1424.068	2009/12/7	NYAGIHANGANYAGITABIREMASHANTI545
BF	-01 30' 06.18251"	30 14' 30.51870"	1389.701	2009/2/24	NGARAMA KARAMBI KARAMBI 594
BF	-01 30' 06.56210"	30 15' 14.77044"	1439.929	2009/2/24	NGARAMA KARAMBI RUZIRANYENZI 604 Good condition with lot of water To be Rehabilitated
BF	-01 30' 10.68459"	30 16' 16.43606"	1473.575	2009/2/24	NGARAMA KARAMBI RWAGAKARA 596
BF	-01 30' 19.73826"	30 12' 33.03929"	1434.883	2009/12/7	NYAGIHANGANYAGITABIREKAMISEKE
BF	-01 30' 30.98653"	30 14' 54.45794"	1437.286	2009/2/24	NGARAMA KARAMBI KIMBUGU 606 Good condition with lot of water To be rehabilitation
BF	-01 30' 34.93039"	30 11' 40.66811"	0	2009/3/1	MUKAMA GATETE GATETE I 617 Not Working
BF	-01 30' 38.81993"	30 15' 24.94328"	1568.745	2009/2/24	NGARAMA KARAMBI RUZIRANYENZI 603
BF	-01 30' 39.84829"	30 16' 09.86700"	1501.213	2009/2/24	NGARAMA KARAMBI CYANKONDO 599
BF	-01 30' 40.94937"	30 16' 09.65064"	1505.299	2009/2/24	NGARAMA KARAMBI CYANKONDO 600
BF	-01 30' 53.66294"	30 10' 58.62608"	0	2009/3/1	MUKAMA GIHENGARI GIHENGARI 619 Not Working
BF	-01 30' 59.76550"	30 10' 52.04042"	0	2009/3/1	MUKAMA GIHENGARI GIHENGARI 620 Not Working
BF	-01 31' 02.29687"	30 15' 39.44894"	1476.219	2009/2/24	NGARAMA KARAMBI RUSHENYI 607 Good condition with a lot of water To be rehabilitation
BF	-01 31' 11.97847"	30 13' 03.47693"	1458.194	2009/12/7	NYAGIHANGANYABITARENYAMIKAMBA558
BF	-01 31' 14.17218"	30 14' 19.93337"	0	2009/12/7	NGARAMA BUGAMBA KAGERERO 440 Not in use
BF	-01 31' 15.15709"	30 14' 37.70034"	0	2009/12/7	NGARAMA BUGAMBA KINYINYA 437 In use
BF	-01 31' 15.48539"	30 14' 12.15067"	0	2009/12/7	NGARAMA BUGAMBA KAJEVUBA 441 Working
BF	-01 31' 15.94827"	30 10' 39.19649"	1535.34	2009/6/3	BF
BF	-01 31' 16.25786"	30 14' 02.57197"	0	2009/12/7	NGARAMA BUGAMBA CYAMUGANGA 442 Not working
BF	-01 31' 17.72557"	30 14' 40.53919"	0	2009/12/7	NGARAMA BUGAMBA KINYINYA 435 Not working
BF	-01 31' 19.57951"	30 16' 32.39375"	0	2009/12/7	NGARAMA KIGASHA KINUNGA 463 Working
BF	-01 31' 22.35681"	30 12' 53.48635"	1466.366	2009/12/7	NYAGIHANGANYAGITABIREBYIMANA557
BF	-01 31' 26.22070"	30 13' 07.12085"	1484.63	2009/12/7	NYAGIHANGANYABITARENYAMIRAMA562
BF	-01 31' 40.57155"	30 16' 29.76730"	0	2009/12/7	NGARAMA KIGASHA IPERU 465 Working
BF	-01 31' 52.85392"	30 17' 03.06103"	0	2009/12/7	NGARAMA KIGASHA NYAGISA 462 Working

4.1 Données de localisation de tous les ouvrages (6/55)

Name	Latitude	Longitude	Alti	Date	Comments
BF	-01 32' 00.17133"	30 10' 30.94698"	1489.197	2009/12/7	Nyagihanga Murambi Birembo 796
BF	-01 32' 00.62033"	30 10' 44.53324"	1495.205	2009/12/7	Nyagihanga Murambi Kabeza 794
BF	-01 32' 01.23529"	30 16' 44.71475"	0	2009/12/7	NGARAMA KIGASHA IPERU 456 Not working
BF	-01 32' 02.63872"	30 13' 36.76343"	1494.965	2009/12/7	NYAGIHANGAMAYANGENYARUBUYE577
BF	-01 32' 02.76485"	30 13' 36.99606"	1495.205	2009/12/7	NYAGIHANGA MAYANGE NYARUBUYE 576
BF	-01 32' 09.15317"	30 14' 37.66171"	0	2009/12/7	NGARAMA NGARAMA URUKUNDO 406 In use
BF	-01 32' 10.87193"	30 16' 11.26650"	0	2009/12/7	NGARAMA KIGASHA IPERU 445 Working
BF	-01 32' 11.91477"	30 14' 32.56336"	0	2009/12/7	NGARAMA NGARAMA IBARE 409 Not in use
BF	-01 32' 12.03065"	30 17' 43.36498"	0	2009/12/7	NGARAMA KIGASHA AKAJEVUBA 460 Working
BF	-01 32' 12.53276"	30 17' 24.47794"	0	2009/12/7	NGARAMA KIGASHA IKIRONGO 461 Working
BF	-01 32' 13.86528"	30 14' 24.10476"	0	2009/12/7	NGARAMANGARAMAINTSINZI 412 Not in use
BF	-01 32' 14.38670"	30 16' 06.05230"	0	2009/12/7	NGARAMA KIGASHA IPERU 446 Not working
BF	-01 32' 14.86950"	30 15' 24.47377"	0	2009/12/7	NGARAMA.NYARUBUNGOMURAMA 432
BF	-01 32' 16.00890"	30 14' 33.66413"	0	2009/12/7	NGARAMA NGARAMA IBARE 408 In use
BF	-01 32' 19.25330"	30 17' 02.46239"	0	2009/12/7	NGARAMA KIGASHA CYAHAFI 457 Not working
BF	-01 32' 19.56229"	30 14' 37.87415"	0	2009/12/7	NGARAMA NGARAMA URUKUNDO 405 In use
BF	-01 32' 21.72522"	30 14' 27.56159"	0	2009/12/7	NGARAMA NGARAMA INTSINZI 415 Not in use
BF	-01 32' 22.13077"	30 14' 33.60620"	0	2009/12/7	NGARAMA NGARAMA URUKUNDO 407 In use
BF	-01 32' 22.21013"	30 13' 20.85827"	1509.865	2009/12/7	NYAGIHANGAMAYANGENYARUBUYE578
BF	-01 32' 27.36430"	30 14' 26.59600"	0	2009/12/7	NGARAMA NGARAMA INTSINZI 415 Not in use
BF	-01 32' 27.94366"	30 15' 44.94438"	0	2009/12/7	NGARAMANYARUBUNGOKINTARAMA422
BF	-01 32' 29.08306"	30 14' 33.45173"	0	2009/12/7	NGARAMA NGARAMA URUKUNDO 404 In use
BF	-01 32' 30.80182"	30 16' 59.72009"	0	2009/12/7	NGARAMA KIGASHA CYAHAFI 454 Working
BF	-01 32' 32.07640"	30 17' 19.45684"	0	2009/12/7	NGARAMA KIGASHA CYAHAFI 458 Not Working
BF	-01 32' 33.75654"	30 14' 31.94538"	0	2009/12/7	NGARAMA NGARAMA KIYOVU 403 In use
BF	-01 32' 35.97741"	30 14' 25.49519"	0	2009/12/7	NGARAMA NGARAMA INTSINZI 416 Not in use
BF	-01 32' 37.25199"	30 16' 16.22968"	0	2009/12/7	NGARAMA KIGASHA KIZUNGURUKO 448 Working
BF	-01 32' 38.62706"	30 11' 10.92383"	1556.729	2009/12/7	Nyagihanga Murambi Umugamba 799
BF	-01 32' 39.31837"	30 14' 53.69060"	0	2009/12/7	NGARAMA NGARAMA KABEHO 400 In use
BF	-01 32' 39.43424"	30 15' 33.29932"	0	2009/12/7	NGARAMA NYARUBUNGOKINTARAMA421
BF	-01 32' 39.77612"	30 22' 44.38114"	1466.606	2009/12/7	KABARORE SIMBWA RUHUHA 658
BF	-01 32' 39.87841"	30 14' 25.57244"	0	2009/12/7	NGARAMA NGARAMA INTSINZI417 Not in use
BF	-01 32' 40.07153"	30 18' 00.14702"	0	2009/12/7	NGARAMA KIGASHA KAGARAMA 459 Working
BF	-01 32' 40.62615"	30 22' 32.99466"	1447.86	2009/12/7	KABARORE SIMBWA RUHUHA 660
BF	-01 32' 42.17653"	30 14' 34.49454"	0	2009/12/7	NGARAMA NGARAMA KIYOVU 402 In use
BF	-01 32' 42.50483"	30 14' 26.59600"	0	2009/12/7	NGARAMA NGARAMA INTSINZI 419 In use
BF	-01 32' 42.91461"	30 21' 10.96646"	1375.762	2009/12/7	KABARORE SIMBWA SIMBWA 655
BF	-01 32' 45.85756"	30 11' 43.77732"	1629.789	2009/6/9	BF
BF	-01 32' 45.91972"	30 11' 43.83557"	1630.029	2009/12/7	Nyagihangaa Kibare Gashuri 807
BF	-01 32' 45.96166"	30 14' 35.82708"	0	2009/12/7	NGARAMA NGARAMA KIYOVU 391 Not in use
BF	-01 32' 46.59896"	30 14' 37.70034"	0	2009/12/7	NGARAMA NGARAMA KIYOVU 390 In use
BF	-01 32' 46.96588"	30 17' 23.01022"	0	2009/12/7	NGARAMA KIGASHA CHAHAFI 453 Working
BF	-01 32' 49.76611"	30 15' 47.12663"	0	2009/12/7	NGARAMANYARUBUNGORUOVU423
BF	-01 32' 52.29597"	30 16' 34.03524"	0	2009/12/7	NGARAMA KIGASHA BUYONZA 449 Working
BF	-01 33' 05.50531"	30 15' 03.92591"	0	2009/12/7	NGARAMA NGARAMA KABEHO 395 Not in use
BF	-01 33' 06.56747"	30 16' 52.32364"	0	2009/12/7	NGARAMA KIGASHA AKABUYE 450 Working
BF	-01 33' 07.06957"	30 15' 57.99924"	0	2009/12/7	NGARAMANYARUBUNGORUOVU424
BF	-01 33' 07.66824"	30 14' 13.29007"	0	2009/12/7	NGARAMA NGARAMA RUGARAMA 388 Not in use
BF	-01 33' 10.09641"	30 19' 40.30914"	1457.714	2009/12/7	KABARORE SIMBWA KIBONDO 654
BF	-01 33' 15.31093"	30 19' 35.84809"	1469.49	2009/12/7	KABARORE SIMBWA KIBONDO 653
BF	-01 33' 16.51310"	30 17' 48.50196"	0	2009/12/7	NGARAMA KIGASHA IKIYOVU 452 Working
BF	-01 33' 25.35795"	30 15' 35.46223"	0	2009/12/7	NGARAMA NYARUBUNGORWIRI 429
BF	-01 33' 27.75262"	30 14' 26.57666"	0	2009/12/7	NGARAMA NGARAMA GATUNGO 385 In use
BF	-01 33' 32.11712"	30 17' 26.02288"	0	2009/12/7	NGARAMA KIGASHA RWANGINGO 451 Working
BF	-01 33' 34.31867"	30 15' 59.46692"	0	2009/12/7	NGARAMANYARUBUNGORWIRI425
BF	-01 33' 34.93635"	30 14' 00.98660"	1498.81	1989/12/31	NYAGIHANGAGITINDAISANGANO592
BF	-01 33' 42.50692"	30 16' 47.84326"	0	2009/12/7	NGARAMANYAKABUNGO RUGARAMA427
BF	-01 33' 42.68073"	30 14' 27.54226"	0	2009/12/7	NGARAMA NGARAMA GATUNGO 386 In use
BF	-01 33' 50.07719"	30 15' 12.98318"	0	2009/12/7	GATSIBO NYABICWAMBA GATUNGO 374 Not in use
BF	-01 33' 52.30409"	30 13' 43.90763"	1604.794	2009/12/7	NYAGIHANGAGITINDAKIBIMBIRI584
BF	-01 33' 58.43924"	30 17' 03.79489"	0	2009/12/7	NGARAMANYARUBUNGOKIVUMU426
BF	-01 33' 58.84540"	30 13' 55.16587"	1553.124	1989/12/31	NYAGIHANGAGITINDAISANGANO589
BF	-01 34' 02.90844"	30 19' 02.83588"	1467.808	2009/12/7	KABARORE MARIMBA RWIMBOGO 649
BF	-01 34' 11.55504"	30 13' 37.72510"	1654.062	1989/12/31	NYAGIHANGAGITINDAKIZIBA583
BF	-01 34' 20.16513"	30 15' 42.45314"	0	2009/12/7	GATSIBO NYABICWAMBA AGAKENYERI 372 Not in use
BF	-01 34' 22.64309"	30 18' 41.63022"	1476.459	2009/12/7	KABARORE MARIMBA RWIMBOGO 647
BF	-01 34' 26.48013"	30 16' 15.07094"	0	2009/12/7	GATSIBO NYABICWAMBA NYABIHEKE 369 Not In use
BF	-01 34' 32.68800"	30 13' 51.41755"	1674.489	1989/12/31	NYAGIHANGAGITINDAKIZIBA586
BF	-01 34' 32.85336"	30 12' 16.15975"	1526.448	2009/12/7	Nyagihanga Nyamirama Nyakabungo 833
BF	-01 34' 38.40523"	30 18' 06.09026"	1453.388	2009/12/7	KABARORE MARIMBA MARIMBA 646
BF	-01 34' 40.63575"	30 14' 12.63347"	0	2009/12/7	GATSIBO GATSIBO GATSIBO 330 In use.
BF	-01 34' 46.98937"	30 14' 17.17177"	0	2009/12/7	GATSIBO GATSIBO GATSIBO In use.
BF	-01 35' 01.97541"	30 14' 14.73846"	0	2009/12/7	GATSIBO GATSIBO GATARE 328 In use
BF	-01 35' 06.45577"	30 13' 25.87937"	0	2009/12/7	GATSIBO GATSIBO MUKWIZA 336 In use
BF	-01 35' 10.06710"	30 16' 44.25125"	0	2009/12/7	GATSIBO NYABICWAMBA KADUHA 380 In use
BF	-01 35' 13.73153"	30 13' 52.93625"	1784.319	2009/6/8	BF from Mashyoza
BF	-01 35' 17.08969"	30 17' 42.30496"	1449.542	2009/12/7	Gitoki Rubira Rwintama 765

4.1 Données de localisation de tous les ouvrages (7/55)

Name	Latitude	Longitude	Alti	Date	Comments
BF	-01 35' 17.46356"	30 16' 14.74266"	0	2009/12/7	GATSIBO NYABICWAMBA RYEBARE
BF	-01 35' 20.66933"	30 15' 29.03137"	0	2009/12/7	GATSIBO NYABICWAMBA GATOMA 377 Not in use
BF	-01 35' 44.28779"	30 16' 19.08782"	0	2009/12/7	GATSIBO NYABICWAMBA KIGARAMA 363 In use
BF	-01 35' 51.24159"	30 18' 55.42798"	1474.296	2009/12/7	KABARORE MARIMBA KABARE 641
BF	-01 35' 54.36589"	30 17' 02.39629"	1430.557	2009/12/7	GATSIBO MUGERA KARAMBO 526
BF	-01 35' 56.56322"	30 18' 05.21852"	1453.147	2009/12/7	Gitoki Rubira Nyakabota 761
BF	-01 36' 00.21016"	30 11' 26.06557"	1768.698	2009/6/8	BF
BF	-01 36' 02.33326"	30 16' 47.16462"	1439.929	2009/12/7	GATSIBO MUGERA KARAMBO 527
BF	-01 36' 06.88453"	30 15' 40.82702"	1491.119	2009/12/7	GATSIBO MUGERA KIRARITSI 519
BF	-01 36' 08.15097"	30 15' 11.79760"	1508.904	2009/12/7	GATSIBO MUGERA KAVUMU 524
BF	-01 36' 09.01156"	30 16' 03.69595"	1471.893	2009/12/7	GATSIBO MUGERA KAYISHA 518
BF	-01 36' 12.36097"	30 16' 34.12819"	1469.97	2009/12/7	GATSIBO MUGERA MUGERA 511
BF	-01 36' 12.57370"	30 16' 40.69092"	1470.691	2009/12/7	GATSIBO MUGERA MUGERA 510
BF	-01 36' 15.15848"	30 16' 15.44754"	1455.07	2009/12/7	GATSIBO MUGERA KAYISHA 531
BF	-01 36' 15.49674"	30 16' 39.42538"	1476.94	2009/12/7	GATSIBO MUGERA MUGERA 513
BF	-01 36' 15.82836"	30 16' 38.09075"	1479.824	2009/12/7	GATSIBO MUGERA MUGERA 512
BF	-01 36' 17.88327"	30 19' 15.25858"	1409.167	2009/12/7	Gitoki Rubira Burehe 767
BF	-01 36' 18.29515"	30 16' 45.85685"	1487.034	2009/12/7	GATSIBO MUGERA MUGERA 509
BF	-01 36' 19.32381"	30 16' 35.09861"	1493.042	2009/12/7	GATSIBO MUGERA MUGERA 514
BF	-01 36' 27.19915"	30 11' 47.12251"	1768.217	2009/12/7	Nyagihanga Nyamirama Butumba 826
BF	-01 36' 28.70457"	30 13' 28.95416"	1551.441	2009/6/8	BF Nyarkombe
BF	-01 36' 28.83221"	30 16' 56.22794"	1486.553	2009/12/7	GATSIBO MUGERA RURAMA 525
BF	-01 36' 36.77755"	30 13' 15.23849"	0	2009/12/7	GATSIBO NYAGAHANGA NYAGAHANGA 347 Not In use
BF	-01 36' 37.20603"	30 18' 14.82016"	1432.96	2009/12/7	Gitoki Rubira Nyamengo 755
BF	-01 36' 38.99419"	30 17' 13.41042"	1447.62	2009/12/7	GATSIBO MUGERA KAMASAPFU 529
BF	-01 36' 39.63119"	30 14' 07.45638"	1561.776	2009/6/8	BF
BF	-01 36' 39.88858"	30 14' 07.71648"	1562.977	2009/12/7	GATSIBO MUGERA KABUGA 535
BF	-01 36' 41.23860"	30 13' 16.31996"	0	2009/12/7	GATSIBO NYAGAHANGA NYAGAHANGA 358 In use
BF	-01 36' 56.67907"	30 21' 53.36906"	1430.557	2009/12/7	KABARORE KABARORE MUSHENYI 634
BF	-01 37' 00.00494"	30 14' 02.98838"	1613.446	2009/12/7	GATSIBO MANISHYA NYARUKONI 542
BF	-01 37' 01.64253"	30 19' 49.30637"	1471.653	2009/12/7	KARUBUNGO NYARUGARAMA 501
BF	-01 37' 04.56376"	30 17' 34.32250"	1423.827	2009/12/7	KAGEYO BUSETSA NYARUBUYE 465
BF	-01 37' 06.87968"	30 23' 04.73197"	1487.755	2009/12/7	KABARORE KABARORE KABARORE I 628
BF	-01 37' 06.96507"	30 20' 40.15943"	1406.284	2009/12/7	GITOKI KARUBUNGO KAGUGU 499
BF	-01 37' 07.77316"	30 18' 18.57089"	1482.948	2009/12/7	Gitoki Rubira Nyakagarama 757
BF	-01 37' 09.06223"	30 23' 08.22473"	1481.506	2009/12/7	KABARORE KARENJE NYARUBUYE 626
BF	-01 37' 10.15697"	30 17' 25.30385"	1452.667	2009/12/7	Kageyo Busetza Nyarubuye 740
BF	-01 37' 13.47771"	30 21' 05.62007"	1396.43	2009/12/7	Gitoki Nyamirama Nyabikenke 784
BF	-01 37' 14.29968"	30 23' 03.03767"	1487.274	2009/12/7	KABARORE KABARORE KABARORE I 629
BF	-01 37' 14.46896"	30 20' 17.92511"	1429.836	2009/12/7	GITOKI KARUBUNGO NYAGACYAMO 496
BF	-01 37' 15.18018"	30 23' 04.25551"	1484.871	2009/12/7	KABARORE KABARORE KABARORE I 630
BF	-01 37' 16.19526"	30 17' 27.89102"	1482.708	2009/12/7	Kageyo Busetza Nyarubuye 739
BF	-01 37' 16.22362"	30 17' 27.96947"	1480.064	2009/12/7	KAGEYO BUSETSA NYARUBUYE 461
BF	-01 37' 18.26978"	30 16' 58.56046"	1451.706	2009/12/7	GITOKI BUSETSA NYARUBUYE 486
BF	-01 37' 18.30509"	30 17' 15.86213"	1480.545	2009/6/9	2009/6/9 14:10
BF	-01 37' 18.54709"	30 23' 02.29052"	1482.468	2009/12/7	KABARORE KABARORE KABARORE I 631
BF	-01 37' 19.37086"	30 16' 41.50805"	1435.844	2009/12/7	KAGEYO BUSETSA RWIKUBO 467
BF	-01 37' 21.37719"	30 16' 21.87206"	1462.04	2009/12/7	KAGEYO BUSETSA RWIKUBO 485
BF	-01 37' 21.99969"	30 19' 05.82258"	1513.47	2009/12/7	GITOKI KARUBUNGO KAMUNENDA 490
BF	-01 37' 23.14755"	30 15' 43.05816"	1482.708	2009/12/7	KAGEYO BUSETSA KAYENZI 481
BF	-01 37' 24.23746"	30 23' 10.27421"	1487.995	2009/12/7	KABARORE KABARORE KABARORE I 632
BF	-01 37' 24.91428"	30 16' 03.84802"	1461.559	2009/12/7	KAGEYO BUSETSA KIVUGIZA 483
BF	-01 37' 32.85510"	30 17' 47.35712"	1431.759	2009/12/7	KAGEYO BUSETSA NYARUBUYE 463
BF	-01 37' 36.99207"	30 23' 13.48782"	1495.445	2009/12/7	KABARORE KABARORE KABINGO 633
BF	-01 37' 48.69599"	30 14' 36.38198"	1652.62	2009/6/8	BF
BF	-01 37' 57.80940"	30 14' 03.47543"	1563.698	2009/6/8	BF Manishya Gatsibo
BF	-01 38' 03.67358"	30 18' 16.63214"	1465.645	2009/12/7	Gitoki Karubungo Kinyange et Rugarama 770
BF	-01 38' 07.23361"	30 20' 24.85475"	1453.628	2009/12/7	Gitoki Nyamirama Nyamuraza 749
BF	-01 38' 11.48132"	30 15' 45.64897"	1497.608	2009/12/7	KAGEYO BUSETSA NYARUSANGE 476
BF	-01 38' 20.85665"	30 21' 31.56383"	1447.139	2009/12/7	Gitoki Nyamirama Gahabo
BF	-01 38' 20.90734"	30 21' 31.63169"	0	2009/12/7	GITOKI NYAMIRAMA GAHAMA 324 In use
BF	-01 38' 28.30380"	30 23' 02.01142"	0	2009/12/7	GITOKI BUKOMANE BUKOMANE. 323 Not In use
BF	-01 38' 28.54339"	30 21' 52.22153"	1444.976	2009/12/7	Gitoki Bukomane Gisaka 772
BF	-01 38' 31.34693"	30 19' 21.82580"	1491.6	2009/12/7	Gitoki Nyamirama Nyamuraza 743
BF	-01 38' 36.77841"	30 18' 03.62228"	1484.871	2009/12/7	Gitoki Mpondwa Nyaruhanga 752
BF	-01 38' 45.18120"	30 16' 38.06602"	1481.266	2009/12/7	KAGEYO BUSETSA CYABUHIMBIRI 469
BF	-01 39' 14.07302"	30 14' 34.74560"	0	2009/12/7	KAGEYO KINTU JABIRO 298 In use
BF	-01 39' 14.14031"	30 14' 34.76551"	1582.444	2009/9/24	BF broken
BF	-01 39' 21.73984"	30 14' 48.49570"	1555.527	2009/12/7	KAGEYO KINTU JABIRO 296 Not working
BF	-01 39' 29.05905"	30 14' 45.28990"	1570.668	2009/12/7	KAGEYO KINTU JABIRO 297 In use
BF	-01 39' 43.89060"	30 22' 38.83714"	0	2009/12/7	RUGARAMA MATARE AKABARE 237 Working
BF	-01 39' 43.96241"	30 22' 38.72096"	1409.888	2009/12/7	Gitoki Bukomane Ryarukaza 773
BF	-01 39' 44.10303"	30 14' 59.46486"	1569.466	2009/12/7	KAGEYO KINTU GAKERI 294 Working
BF	-01 39' 49.91470"	30 22' 15.29713"	1430.076	2009/12/7	Gitoki Cyabusheshe Cyoto 778
BF	-01 39' 56.17538"	30 22' 01.84368"	1434.883	2009/12/7	Gitoki Cyabusheshe Cyoto 777
BF	-01 39' 58.68352"	30 14' 55.08103"	1592.297	2009/12/7	KAGEYO KINTU RUTOMA 300 In use
BF	-01 40' 00.83257"	30 25' 46.35815"	1413.013	2009/10/1	BF New

4.1 Données de localisation de tous les ouvrages (8/55)

Name	Latitude	Longitude	Alti	Date	Comments
BF	-01 40' 04.51571"	30 15' 12.01759"	0	2009/12/7	KAGEYO KINTU RUTOMA 305 Not working
BF	-01 40' 04.75862"	30 15' 12.08941"	1581.963	2009/9/24	BF broken
BF	-01 40' 32.71109"	30 24' 22.09788"	0	2009/12/7	RUGARAMA GIHUTA GASHENYI II 239 In use
BF	-01 40' 45.66938"	30 16' 14.29849"	0	2009/12/7	KAGEYO NYAGISOZI KAGEYO 313 In use
BF	-01 40' 46.49979"	30 19' 26.79956"	0	2009/12/7	REMERA NYAGAKOMBE AKABUGA 258 not working
BF	-01 40' 46.57070"	30 19' 26.88917"	1652.62	2009/9/25	BF no work
BF	-01 40' 47.52181"	30 16' 16.36846"	1575.715	2009/7/7	Health center
BF	-01 40' 48.30757"	30 16' 16.42552"	1588.693	2009/9/24	BF
BF	-01 40' 48.86429"	30 17' 24.30323"	1801.142	2009/9/25	BF no work
BF	-01 40' 54.01212"	30 18' 23.30201"	0	2009/12/7	REMERA NYAGAKOMBE KIGABIRO 255 not working
BF	-01 40' 55.63674"	30 17' 16.61860"	1818.206	2009/9/25	BF broken
BF	-01 40' 59.38958"	30 18' 23.14210"	1843.92	2009/9/25	BF
BF	-01 40' 59.49670"	30 18' 23.16683"	0	2009/12/7	REMERA NYAGAKOMBE KARUFURI 252 working
BF	-01 40' 59.92458"	30 18' 15.41459"	1845.603	2009/9/25	BF
BF	-01 41' 01.54346"	30 16' 16.12618"	1611.764	2009/9/24	BF broken
BF	-01 41' 01.89138"	30 16' 15.53444"	0	2009/12/7	KAGEYO NYAGISOZI KAGEYO 315 Not working
BF	-01 41' 05.29028"	30 24' 24.87881"	0	2009/12/7	RUGARAMA GIHUTA AGATARE 241 It is working
BF	-01 41' 08.22569"	30 19' 54.22246"	0	2009/12/7	REMERA NYAGAKOMBE AMATABA 257 not working
BF	-01 41' 15.19940"	30 18' 07.97591"	1790.568	2009/12/7	Remera Butiruka Akabuga 710
BF	-01 41' 15.24436"	30 18' 07.96021"	1797.057	2009/12/7	REMERA KIGABIRO KIGABIRO 431
BF	-01 41' 27.47965"	30 24' 33.76228"	0	2009/12/7	RUGARAMA GIHUTA AGATARE 242 Pipes bursted but working
BF	-01 41' 28.43982"	30 17' 54.02969"	1693.956	2009/12/7	Remera Butiruka Akabuga 708
BF	-01 41' 29.71139"	30 18' 29.56568"	1696.84	2009/12/7	REMERA NYAGAKOMBE KARUFURI 437
BF	-01 41' 29.91627"	30 18' 12.66206"	1742.983	2009/12/7	Remera Butiruka Akabuga 704
BF	-01 41' 30.55025"	30 17' 29.71147"	0	2009/12/7	KAGEYO NYAGISOZI AGATARE 318 In use.
BF	-01 41' 33.96845"	30 16' 46.39487"	1618.253	2009/12/7	KAGEYO NYAGISOZI RUKIRA 316 CLEANED
BF	-01 41' 37.59366"	30 19' 50.48350"	1511.788	2009/12/7	REMERA NYAGAKOMBE NYAKANGA 445
BF	-01 41' 42.75537"	30 17' 04.76048"	0	2009/12/7	KAGEYO NYAGISOZI RUKIRA 320 Not In use
BF	-01 41' 45.23725"	30 17' 38.30255"	1674.97	2009/12/7	Remera Butiruka Urushenyi 714
BF	-01 41' 45.67841"	30 16' 49.11784"	1616.57	2009/12/7	KAGEYO GITUZA GISIZA 452
BF	-01 41' 46.14461"	30 18' 22.47822"	1740.82	2009/9/25	BF broken
BF	-01 41' 47.12016"	30 20' 25.81854"	1506.981	2009/12/7	REMERA NYAGAKOMBE NYAKANGA 444
BF	-01 41' 52.56522"	30 16' 58.53662"	1605.035	2009/12/7	KAGEYO GITUZA GISIZA 453
BF	-01 41' 53.14156"	30 18' 16.14996"	1750.433	2009/12/7	Remera Butiruka Kerekezo 698
BF	-01 41' 53.58935"	30 24' 38.76404"	0	2009/12/7	RUGARAMA GIHUTA IBARE 243 not working
BF	-01 41' 55.29212"	30 17' 53.54236"	1721.594	2009/9/25	BF broken
BF	-01 41' 55.32561"	30 17' 53.57526"	1742.983	2009/12/7	Remera Butiruka Urushenyi 712
BF	-01 41' 57.44328"	30 17' 02.73574"	1606.957	2009/12/7	KAGEYO GITUZA KABACUZI 454
BF	-01 42' 01.33342"	30 24' 40.40557"	0	2009/12/7	RUGARAMA GIHUTA IBARE 244 working
BF	-01 42' 06.24830"	30 17' 01.48319"	1624.501	2009/12/7	KAGEYO GITUZA KABACUZI 455
BF	-01 42' 07.63484"	30 18' 19.39133"	1698.762	2009/9/25	BF broken
BF	-01 42' 09.26368"	30 18' 15.55160"	1708.616	2009/12/7	Remera Butiruka Gasabo 699
BF	-01 42' 10.73048"	30 19' 15.35243"	1756.441	2009/9/25	BF broken
BF	-01 42' 11.02740"	30 20' 50.48286"	1562.497	2009/12/7	REMERA NYAGAKOMBE NYAKANGA 443
BF	-01 42' 14.14235"	30 21' 01.04044"	1553.364	2009/12/7	Rugarama Remera Rwamivu 688
BF	-01 42' 14.14235"	30 21' 01.04044"	1553.364	2009/12/7	Rugarama Remera Rwamivu 688
BF	-01 42' 17.51710"	30 19' 49.66784"	1719.911	2009/12/7	Remera Rurenge Nyagisozi 728
BF	-01 42' 17.97516"	30 17' 04.85434"	1577.878	1989/12/31	KAGEYO GITUZA KABACUZI 456
BF	-01 42' 17.98994"	30 19' 30.41933"	1769.659	2009/12/7	REMERA NYAGAKOMBE KABABITO 440
BF	-01 42' 18.45524"	30 20' 20.39885"	1661.271	2009/12/7	Remera Rurenge Nagasozi 725
BF	-01 42' 18.75608"	30 20' 06.17442"	1697.08	2009/12/7	REMERA NYAGAKOMBE KABABITO 441
BF	-01 42' 18.97093"	30 17' 43.78682"	1598.546	2009/12/7	Remera Butiruka Urushenyi 716
BF	-01 42' 19.27298"	30 16' 56.55835"	1621.377	2009/12/7	KAGEYO GITUZA KABACUZI 458
BF	-01 42' 19.64775"	30 18' 45.71348"	1763.17	2009/12/7	Remera Rurenge Rubare 735
BF	-01 42' 19.75698"	30 24' 39.72964"	0	2009/12/7	RUGARAMA GIHUTA IBARE 245 working
BF	-01 42' 22.03488"	30 20' 46.91530"	1567.784	2009/12/7	REMERA NYAGAKOMBE NYAKANGA 442
BF	-01 42' 22.96849"	30 20' 03.37718"	1697.08	2009/9/25	BF
BF	-01 42' 25.70143"	30 21' 05.57453"	1557.931	2009/12/7	Rugarama Remera Rwamivu 690
BF	-01 42' 25.70143"	30 21' 05.57453"	1557.931	2009/12/7	Rugarama Remera Rwamivu 690
BF	-01 42' 25.79195"	30 18' 23.47369"	1701.166	2009/12/7	Remera Butiruka Kerekezo 697
BF	-01 42' 26.82031"	30 20' 39.97658"	1578.599	2009/12/7	Remera Rurenge Nyagasozi 723
BF	-01 42' 31.94279"	30 24' 39.51724"	0	2009/12/7	RUGARAMA GIHUTA NTENDE2 246 working
BF	-01 42' 33.77863"	30 18' 31.25488"	1696.6	2009/12/7	Remera Butiruka Kerekezo 696
BF	-01 42' 36.13770"	30 17' 27.35239"	1698.042	2009/2/3	03-feb-09 .34
BF	-01 42' 38.97776"	30 18' 09.75139"	1576.436	2009/12/7	Remera Butiruka Kerekezo 703
BF	-01 42' 39.08790"	30 18' 09.80752"	1585.568	2009/9/25	BF stoped
BF	-01 42' 39.87486"	30 18' 40.94946"	1695.158	2009/12/7	Remera Butiruka Kerekezo 695
BF	-01 42' 41.24359"	30 17' 17.56489"	1710.058	2009/2/3	03-feb-09 .33
BF	-01 42' 41.69018"	30 19' 11.69854"	1750.673	2009/12/7	Remera Rurenge Rurenge 734
BF	-01 42' 42.82203"	30 17' 16.99760"	1708.375	2009/2/3	03-feb-09 .32
BF	-01 42' 42.99494"	30 19' 46.69504"	1649.015	2009/12/7	Remera Rurenge Kibenga 721
BF	-01 42' 43.02783"	30 22' 09.59891"	0	2009/12/7	RUGARAMA BUGARAMA AKABARE 226 In use and in good conditions
BF	-01 42' 43.16301"	30 24' 35.09482"	0	2009/12/7	RUGARAMA GIHUTA NTENDE1 247 working
BF	-01 42' 47.29576"	30 20' 43.79611"	0	2009/12/7	REMERA KABUSHOBORA AKAGARAMA2 259 not working
BF	-01 42' 48.24204"	30 23' 38.00879"	0	2009/12/7	RUGARAMA GIHUTA NYAGAHANGA 249 in use

4.1 Données de localisation de tous les ouvrages (9/55)

Name	Latitude	Longitude	Alti	Date	Comments
BF	-01 42' 55.11708"	30 24' 04.85237"	0	2009/12/7	RUGARAMA GIHUTA NTENDE1 248 working
BF	-01 42' 55.13337"	30 17' 10.46141"	1712.701	2009/2/3	03-feb-09 .31
BF	-01 42' 55.73989"	30 20' 11.39860"	1556.008	2009/12/7	Remera Rurenge Akagarama 722
BF	-01 42' 58.62068"	30 19' 54.05286"	1595.181	2009/12/7	Remera RurengeAkagarama 720
BF	-01 42' 59.11464"	30 21' 06.85451"	0	2009/12/7	REMERA KABUSHOBORA AKAGARAMA2 261 working
BF	-01 42' 59.70667"	30 16' 32.14812"	1631.951	2009/12/7	KAGEYO BUSETSA MUMPAMA 459
BF	-01 43' 00.04403"	30 19' 07.89802"	1697.321	2009/12/7	Remera Rurenge Rurenge 731
BF	-01 43' 01.70244"	30 20' 35.00920"	0	2009/12/7	REMERA KABUSHOBORA AKAGARAMA2 260 working
BF	-01 43' 03.21269"	30 18' 42.41293"	1555.046	2009/9/25	BF stoped
BF	-01 43' 05.44563"	30 19' 19.15896"	1696.359	2009/12/7	Remera Rurenge Rurenge 730
BF	-01 43' 06.44321"	30 15' 34.90189"	1839.114	2009/2/6	05-feb-09 .05
BF	-01 43' 08.89280"	30 19' 42.69144"	1574.994	2009/12/7	Remera Butiruka Akabuga 717
BF	-01 43' 09.92207"	30 17' 08.57306"	1700.205	2009/2/3	03-feb-09 .30
BF	-01 43' 16.01799"	30 16' 57.83506"	1681.459	2009/2/6	06-feb-09 .47
BF	-01 43' 16.53398"	30 21' 21.35776"	0	2009/12/7	REMERA KABUSHOBORA AKAMABUYE 262 not working
BF	-01 43' 16.90574"	30 17' 43.29920"	1710.779	2009/2/3	03-feb-09 .36
BF	-01 43' 23.90208"	30 15' 15.88630"	1594.701	2009/6/4	BF
BF	-01 43' 24.28892"	30 17' 02.65700"	1716.787	2009/2/3	03-feb-09 .29
BF	-01 43' 24.78922"	30 17' 29.71086"	1684.824	2009/2/3	03-feb-09 .35
BF	-01 43' 24.89604"	30 21' 44.04924"	1578.118	2009/12/7	REMERA KABUSHOBORA AKAGARAMA 2 269 working
BF	-01 43' 27.75420"	30 24' 00.00508"	0	2009/12/7	RUGARAMA BUGARAMA REBERO. 222 Not in good condition of working
BF	-01 43' 27.85076"	30 20' 46.69289"	1664.396	2009/12/7	REMERA KABUSHORA AKANKWI 270 working
BF	-01 43' 28.52667"	30 24' 26.88725"	1412.532	2009/12/7	KIZIGURO NDATEMWA GAKUNYU 186 Public in use
BF	-01 43' 28.54116"	30 24' 26.89808"	1411.571	2009/2/17	KIZIGURO NDATEMWA GAKUNYU 346
BF	-01 43' 28.61629"	30 24' 26.82929"	1418.3	2009/12/7	Kiziguro Ndatemwa Bidudu 641
BF	-01 43' 30.11025"	30 20' 11.21694"	1600.469	2009/12/7	REMERA KABUSHOBORA GUMINO 275 not working
BF	-01 43' 30.37036"	30 17' 19.19252"	1712.221	2009/2/3	03-feb-09 .28
BF	-01 43' 31.67452"	30 19' 57.83380"	0	2009/12/7	REMERA KABUSHOBORA GUMINO 274 working
BF	-01 43' 33.08428"	30 24' 03.23014"	0	2009/12/7	RUGARAMA BUGARAMA REBERO Not in good condition of working
BF	-01 43' 37.04654"	30 17' 32.77543"	1658.387	2009/2/6	06-feb-09 .42
BF	-01 43' 39.73573"	30 19' 26.73408"	1676.412	2009/2/6	06-feb-09 .31
BF	-01 43' 40.93457"	30 15' 45.77990"	1856.658	2009/2/6	05-feb-09 .03
BF	-01 43' 41.93608"	30 24' 39.27733"	1460.357	2009/2/17	for school
BF	-01 43' 42.94180"	30 24' 36.87754"	1471.893	2009/12/7	Kiziguro Ndatemwa Gikunyu 644
BF	-01 43' 42.94180"	30 24' 36.87754"	1471.893	2009/12/7	Kiziguro Ndatemwa Gikunyu 644
BF	-01 43' 42.95387"	30 24' 36.79906"	1462.28	2009/2/17	for school
BF	-01 43' 42.96051"	30 24' 36.75470"	1465.885	2009/2/17	KIZIGURO NDATEMWA GAKUNYU 350
BF	-01 43' 43.01060"	30 24' 36.81356"	0	2009/12/7	KIZIGURO NDATEMWA GAKUNYU 190 Not in
BF	-01 43' 45.59840"	30 21' 25.87676"	1562.256	2009/12/7	REMERA KABUSHOBORA RWAGITIMA 268 not working
BF	-01 43' 46.31294"	30 19' 18.77423"	1699.964	2009/2/6	06-feb-09 .30
BF	-01 43' 46.86061"	30 15' 55.49018"	1850.89	2009/2/6	05-feb-09 .02
BF	-01 43' 47.91583"	30 20' 03.27973"	0	2009/12/7	REMERA KABUSHOBORA GUMINO 272 not working
BF	-01 43' 47.99307"	30 24' 11.74669"	0	2009/12/7	KIZIGURO NDATEMWA BIDUDU 191 Public in use
BF	-01 43' 48.07968"	30 24' 11.81790"	1430.797	2009/2/17	KIZIGURO NDATEMWA BIDUDU 351
BF	-01 43' 51.20277"	30 20' 43.66727"	1673.528	2009/9/28	BF
BF	-01 43' 52.31894"	30 23' 59.90849"	1419.742	2009/12/7	KIZIGURO NDATEMWA AKAMAMESA 192 Working public in use
BF	-01 43' 57.47341"	30 23' 48.19675"	1413.493	2009/2/17	KIZIGURO NDATEMWA AKAMAMESA 353
BF	-01 43' 57.55247"	30 21' 24.00350"	0	2009/12/7	REMERA KABUSHORA RWAGITIMA 265 not working
BF	-01 43' 57.61312"	30 21' 23.91476"	1563.698	2009/9/28	BF
BF	-01 43' 58.42150"	30 20' 18.59406"	1715.345	2009/12/7	REMERA RWARENGA KIGARAMA 281 cleaned
BF	-01 43' 58.75222"	30 16' 00.50135"	1844.882	2009/2/6	05-feb-09 .07
BF	-01 43' 58.89827"	30 17' 00.45604"	1826.376	2009/2/6	06-feb-09 .46
BF	-01 44' 00.93205"	30 20' 16.31526"	0	2009/12/7	REMERA RWARENGA KIGARAMA 280 not working
BF	-01 44' 01.02921"	30 19' 04.46322"	1732.889	2009/2/6	06-feb-09 .28
BF	-01 44' 06.53250"	30 21' 34.52818"	0	2009/12/7	REMERA KABUSHOBORA RWAGITIMA 267 not working
BF	-01 44' 07.26636"	30 19' 52.46508"	0	2009/12/7	REMERA RWARENGA KAGASHA 283 not working
BF	-01 44' 07.28657"	30 18' 42.68603"	1756.922	2009/2/6	06-feb-09 .32
BF	-01 44' 14.25364"	30 15' 58.35650"	1641.084	2009/2/6	05-feb-09 .12
BF	-01 44' 15.26148"	30 20' 13.37986"	1733.129	2009/12/7	REMERA RWARENGA KABUYE 282 working
BF	-01 44' 16.88550"	30 18' 22.48546"	1736.975	2009/2/6	06-feb-09 .34
BF	-01 44' 17.03818"	30 21' 06.77729"	0	2009/12/7	REMERA KABUSHOBORA NYAGATABIRE 266 not working
BF	-01 44' 17.81820"	30 16' 13.99854"	1818.686	2009/2/6	05-feb-09 .13
BF	-01 44' 18.05145"	30 15' 39.66318"	1619.454	2009/2/6	05-feb-09 .09
BF	-01 44' 18.56382"	30 23' 46.11980"	1435.123	2009/12/7	KIZIGURO NDATEMWA NYAGASHENYI 194 Working public in use
BF	-01 44' 18.58887"	30 23' 46.18165"	1432.96	2009/2/17	KIZIGURO NDATEMWA NYAGASHENYI 354
BF	-01 44' 18.67456"	30 23' 46.11649"	1427.913	2009/12/7	Kiziguro Ndatemwa Nyagashenyi 648
BF	-01 44' 23.61781"	30 17' 11.54350"	1847.045	2009/2/3	03-feb-09 .37
BF	-01 44' 26.47899"	30 18' 13.97254"	1728.083	2009/2/6	06-feb-09 .35
BF	-01 44' 28.96026"	30 20' 03.96773"	1731.207	2009/9/28	BF
BF	-01 44' 29.01156"	30 20' 04.05222"	0	2009/12/7	REMERA RWARENGA KABUYE 277 not working
BF	-01 44' 29.56225"	30 17' 18.73568"	1846.804	2009/2/6	06-feb-09 .43
BF	-01 44' 31.74661"	30 15' 33.24982"	1538.464	2009/2/6	05-feb-09 .11
BF	-01 44' 32.68806"	30 21' 45.48618"	1550	2009/2/17	

4.1 Données de localisation de tous les ouvrages (10/55)

Name	Latitude	Longitude	Alti	Date	Comments
BF	-01 44' 32.69199"	30 21' 45.48254"	1545.914	2009/2/17	KIZIGURO NDATEMWA GORORA N0 2 /360
BF	-01 44' 32.75807"	30 21' 45.53626"	0	2009/12/7	KIZIGURO NDATEMWA GORORA 200 Not in
BF	-01 44' 32.80092"	30 21' 45.42343"	1544.712	2009/12/7	Kiziguro Ndatemwa Gorora 654
BF	-01 44' 35.94906"	30 18' 06.62015"	1769.419	2009/2/6	06-feb-09 .36
BF	-01 44' 36.33771"	30 30' 20.43086"	1440.65	2009/1/19	16-jan-09 .24
BF	-01 44' 36.40802"	30 26' 32.58841"	0	2009/12/7	KIZIGURO MBOGO AKABUYE 214 Not working
BF	-01 44' 36.79818"	30 16' 23.45142"	1810.995	2009/2/6	05-feb-09 .14
BF	-01 44' 43.22935"	30 17' 30.65262"	1863.868	2009/2/6	06-feb-09 .44
BF	-01 44' 43.61136"	30 26' 13.00614"	0	2009/12/7	KIZIGURO MBOGO AKABUYE 217 Not working
BF	-01 44' 45.09536"	30 19' 06.25652"	1592.778	2009/2/3	03-feb-09 .23
BF	-01 44' 46.45021"	30 25' 43.55551"	0	2009/12/7	KIZIGURO MBOGO RYAMUHOZI 218 Not working
BF	-01 44' 49.39497"	30 16' 32.82283"	1830.462	2009/2/6	05-feb-09 .15
BF	-01 44' 51.51325"	30 22' 05.13214"	1577.397	2009/12/7	Kiziguro Ndatemwa Gorora 653
BF	-01 44' 51.56334"	30 22' 05.17649"	1576.436	2009/2/17	KIZIGURO NDATEMWA GORORA 359
BF	-01 44' 51.66443"	30 22' 05.15716"	0	2009/12/7	KIZIGURO NDATEMWA IGORORA 199 Working Public in use
BF	-01 44' 53.28663"	30 20' 05.23025"	0	2009/12/7	REMERA RWARENGA KABUYE 276 working
BF	-01 44' 57.01382"	30 27' 15.49948"	0	2009/12/7	KIZIGURO MBOGO AKAVUMU 209 Not working
BF	-01 44' 57.33700"	30 16' 40.68577"	1842.959	2009/2/6	05-feb-09 .16
BF	-01 44' 58.05757"	30 17' 41.20235"	1857.379	2009/2/6	06-feb-09 .38
BF	-01 44' 58.44834"	30 30' 49.96001"	1513.71	2009/1/19	16-jan-09 .22
BF	-01 45' 02.76726"	30 17' 19.49579"	1788.165	2009/2/6	05-feb-09 .18
BF	-01 45' 03.37046"	30 18' 19.60225"	1625.463	2009/2/3	03-feb-09 .26
BF	-01 45' 04.85868"	30 18' 24.53584"	1657.186	2009/2/3	03-feb-09 .25
BF	-01 45' 07.29168"	30 15' 15.35702"	1503.376	2009/1/29	29-jan-09 .43
BF	-01 45' 09.35715"	30 21' 21.88552"	1572.831	2009/9/28	BF broken
BF	-01 45' 09.56656"	30 21' 21.82126"	0	2009/12/7	REMERA RWARENGA CYERU 290 Not working
BF	-01 45' 10.27054"	30 22' 44.00306"	1530.293	2009/2/17	MURAMBI MURAMBI KIGARAMA 366
BF	-01 45' 10.30162"	30 22' 43.98917"	1511.066	2009/12/7	Kiziguro Ndatemwa Kigarama 661
BF	-01 45' 10.35835"	30 22' 43.99342"	0	2009/12/7	KIZIGURO NDATEMWA KIGARAMA 207 Public in use Working
BF	-01 45' 11.26601"	30 19' 58.35518"	0	2009/12/7	REMERA RWARENGA GAHASHA 284 not working
BF	-01 45' 11.30463"	30 19' 58.27796"	0	2009/12/7	REMERA RWARENGA NYARUBUYE 285 working
BF	-01 45' 13.91868"	30 23' 18.13535"	1506.981	2009/2/17	KIZIGURO NDATEMWA RUKUNGU
BF	-01 45' 13.96877"	30 23' 18.08315"	1512.749	2009/12/7	Kiziguro Ndatemwa Kinunga 632
BF	-01 45' 16.13744"	30 16' 51.56108"	1889.583	2009/2/6	05-feb-09 .27
BF	-01 45' 21.23095"	30 20' 27.16858"	0	2009/12/7	REMERA RWARENGA NYAMUGARI 289 not working
BF	-01 45' 22.56347"	30 23' 20.49292"	0	2009/12/7	KIZIGURO NDATEMWA BYARUGEMA 197 Public In use Working
BF	-01 45' 22.58580"	30 23' 20.56535"	1515.633	2009/12/7	Kiziguro Ndatemwa Ryarugema 651
BF	-01 45' 22.59908"	30 23' 20.41537"	1518.517	2009/2/17	KIZIGURO NDATEMWA RYARUGEMA 357
BF	-01 45' 22.63106"	30 22' 28.48624"	1566.823	2009/12/7	Kiziguro Ndatemwa Rubungo 656
BF	-01 45' 22.69172"	30 22' 28.60302"	1563.698	2009/2/17	KIZIGURO NDATEMWA RUBUNGO 362
BF	-01 45' 22.69866"	30 22' 28.48595"	0	2009/12/7	KIZIGURO NDATEMWA RUBUNGO 202 Public in use
BF	-01 45' 22.71918"	30 16' 42.21023"	1823.973	2009/2/6	05-feb-09 .20
BF	-01 45' 22.72974"	30 22' 28.53815"	1573.312	2009/2/17	
BF	-01 45' 23.93401"	30 17' 01.37548"	1898.475	2009/2/6	05-feb-09 .26
BF	-01 45' 29.06525"	30 17' 03.66364"	1898.715	2009/2/6	05-feb-09 .25
BF	-01 45' 32.15998"	30 19' 40.40479"	1712.221	2009/9/28	BF
BF	-01 45' 32.35461"	30 26' 55.47304"	0	2009/12/7	KIZIGURO MBOGO NYAKABUNGO 208 Not working
BF	-01 45' 32.56704"	30 19' 40.12475"	0	2009/12/7	REMERA RWARENGA NYARUBUYE 287 working
BF	-01 45' 34.60837"	30 18' 30.93383"	1839.835	2009/2/3	30-jan-09 .13
BF	-01 45' 36.67022"	30 15' 32.42394"	1620.896	2009/1/29	29-jan-09 .42
BF	-01 45' 38.80629"	30 17' 12.33164"	1899.917	2009/2/6	05-feb-09 .24
BF	-01 45' 40.13278"	30 22' 24.53063"	1526.688	2009/12/7	Giziguro Ndatemwa Kanyonyomba 658
BF	-01 45' 40.13338"	30 22' 24.61602"	1522.843	2009/2/17	KIZIGURO NDATEMWA KANYONYOMBYA 364
BF	-01 45' 40.19524"	30 22' 24.52703"	0	2009/12/7	KIZIGURO NDATEMWA KANYONYOMBA 205 Not working
BF	-01 45' 40.96621"	30 31' 13.51902"	1598.546	2009/1/19	16-jan-09 .18
BF	-01 45' 51.08474"	30 16' 33.51263"	1769.659	2009/1/29	28-jan-09 .34
BF	-01 45' 52.08142"	30 22' 47.61228"	1551.682	2009/2/18	KIZIGURO AGAKOMEYE AKABINGO 394
BF	-01 45' 52.64961"	30 17' 19.73386"	1879.97	2009/2/6	05-feb-09 .22
BF	-01 45' 52.78057"	30 18' 20.67376"	1824.214	2009/2/3	30-jan-09 .10
BF	-01 45' 52.96946"	30 16' 17.29967"	1761.729	2009/1/29	28-jan-09 .33
BF	-01 45' 54.30772"	30 15' 45.11034"	1643.006	2009/1/29	29-jan-09 .41
BF	-01 45' 54.67374"	30 18' 56.35796"	1814.12	2009/2/3	30-jan-09 .15
BF	-01 45' 54.80409"	30 17' 17.92064"	1874.923	2009/2/6	05-feb-09 .21
BF	-01 45' 57.81736"	30 23' 02.59408"	1586.049	2009/2/18	KIZIGURO AGAKOMEYE ISHANTI 388
BF	-01 45' 58.23377"	30 18' 38.80012"	1851.371	2009/2/3	30-jan-09 .11
BF	-01 45' 59.71988"	30 19' 37.37010"	1747.789	2009/2/3	30-jan-09 .19
BF	-01 46' 00.26967"	30 22' 58.71785"	1583.646	2009/2/18	18-feb-09 2:00:57am
BF	-01 46' 04.31792"	30 19' 08.61136"	1782.156	2009/2/3	30-jan-09 .16
BF	-01 46' 04.77477"	30 17' 37.33667"	1871.077	2009/2/3	30-jan-09 .08
BF	-01 46' 05.11363"	30 18' 05.46624"	1829.26	2009/2/3	30-jan-09 .09
BF	-01 46' 06.40120"	30 16' 41.15831"	1763.411	2009/1/29	28-jan-09 .35
BF	-01 46' 11.88608"	30 23' 07.61186"	0	2009/12/7	KIZIGURO AGAKOMERO ISHANTI 172 Not public
BF	-01 46' 11.91927"	30 23' 08.15683"	1587.01	2009/2/18	KIZIGURO AGAKOMEYE ISHANTI 389

4.1 Données de localisation de tous les ouvrages (11/55)

Name	Latitude	Longitude	Alti	Date	Comments
BF	-01 46' 12.01221"	30 23' 07.83877"	1582.924	2009/2/17	KIZIGURO AGAKOMEYE ISHANTI 326
BF	-01 46' 12.10002"	30 23' 07.57687"	1585.087	2009/2/17	AGAKOMEYE ISHANTI 327
BF	-01 46' 13.18842"	30 15' 58.35438"	1708.856	2009/1/29	29-jan-09 .40
BF	-01 46' 18.27047"	30 17' 44.38309"	1882.613	2009/2/3	30-jan-09 .03
BF	-01 46' 19.29491"	30 24' 28.59394"	1578.839	2009/2/17	KIZIGURO AGAKOMEYE AGATOVU 373
BF	-01 46' 19.38875"	30 16' 01.57073"	1702.367	2009/1/29	29-jan-09 .39
BF	-01 46' 19.95272"	30 23' 14.62600"	1572.11	2009/2/17	KIZIGURO AGAKOMEYE BWIZA 380
BF	-01 46' 20.36340"	30 26' 05.59792"	1617.291	2009/12/7	Kiziguro Rubona Amarende 680
BF	-01 46' 22.87787"	30 19' 25.40003"	1786.242	2009/2/3	30-jan-09 .18
BF	-01 46' 25.06253"	30 16' 21.31442"	1742.262	2009/1/29	28-jan-09 .31
BF	-01 46' 27.79607"	30 16' 12.76558"	1701.166	2009/1/29	28-jan-09 .36
BF	-01 46' 29.08152"	30 25' 51.33518"	1603.593	2009/12/7	Kiziguro Rubona Bwiza 676
BF	-01 46' 31.68199"	30 30' 59.32505"	1618.493	2009/1/19	2009/1/16 10:23
BF	-01 46' 33.86785"	30 24' 02.37532"	1553.845	2009/2/17	KIZIGURO AGAKOMEYE AGATOVU 375
BF	-01 46' 34.08421"	30 21' 25.66490"	1582.684	2009/1/26	23-jan-09 .13
BF	-01 46' 36.50152"	30 23' 48.75227"	1551.682	2009/2/18	KIZIGURO AGAKOMEYE UBUTATU 383
BF	-01 46' 36.84189"	30 22' 00.11978"	1523.323	2009/1/22	22-jan-09 .35
BF	-01 46' 37.75015"	30 24' 03.60101"	1549.279	2009/2/17	KIZIGURO AGAKOMEYE AGATOVU AGATOVU 377
BF	-01 46' 39.28877"	30 18' 06.57518"	1824.935	2009/2/3	30-jan-09 .07
BF	-01 46' 39.81713"	30 26' 17.22912"	1570.908	2009/12/7	Kiziguro Rubona Rubindi 681
BF	-01 46' 40.49093"	30 23' 30.54718"	1512.268	2009/2/18	KIZIGURO AGAKOMEYE ISANGANO 385
BF	-01 46' 41.71000"	30 25' 33.32834"	1672.086	2009/12/7	Kiziguro Rubona Kigabiro 678
BF	-01 46' 42.14602"	30 24' 38.34011"	1484.15	2009/2/18	KIZIGURO AGAKOMEYE ISHANTI 384
BF	-01 46' 43.53648"	30 16' 32.60708"	1729.524	2009/1/29	28-jan-09 .30
BF	-01 46' 47.48365"	30 16' 17.00155"	1669.683	2009/1/29	28-jan-09 .37
BF	-01 46' 47.97611"	30 26' 07.85260"	1554.806	2009/12/7	Kiziguro Rubona Tubindi 675
BF	-01 46' 49.49149"	30 18' 47.68780"	1589.894	2009/2/3	30-jan-09 .05
BF	-01 46' 51.82702"	30 20' 23.06386"	1659.108	2009/1/22	22-jan-09 .31
BF	-01 46' 54.34873"	30 29' 19.55915"	1592.297	2009/1/15	14-jan-09 .06
BF	-01 46' 56.52675"	30 25' 53.18429"	1632.432	2009/12/7	Kiziguro Rubona Gatare 672
BF	-01 46' 58.06990"	30 26' 00.62632"	1620.176	2009/12/7	Kiziguro Rubona Nyarurembo 679
BF	-01 46' 59.45130"	30 28' 57.20138"	1577.397	2009/1/15	14-jan-09 .07
BF	-01 47' 01.34296"	30 16' 41.04152"	1697.561	2009/1/29	28-jan-09 .28
BF	-01 47' 03.87373"	30 16' 36.14959"	1683.862	2009/1/29	28-jan-09 .38
BF	-01 47' 03.96214"	30 29' 55.27864"	1615.369	2009/1/15	14-jan-09 .05
BF	-01 47' 04.22315"	30 25' 26.74387"	1633.634	2009/12/7	Kiziguro Rubona Kigabiro 674
BF	-01 47' 07.55868"	30 19' 21.04338"	1760.286	2009/1/26	23-jan-09 .03
BF	-01 47' 12.60180"	30 24' 09.37044"	1511.307	2009/1/21	21-jan-09 .19
BF	-01 47' 12.92407"	30 28' 27.17771"	1594.46	2009/1/15	14-jan-09 .08
BF	-01 47' 15.94397"	30 30' 36.87286"	1623.78	2009/1/19	16-jan-09 .13
BF	-01 47' 19.85161"	30 25' 42.24742"	1592.057	2009/12/7	Kiziguro Rubona Kigoroba 671
BF	-01 47' 23.04200"	30 26' 02.94554"	1587.25	2009/1/21	21-jan-09 .11
BF	-01 47' 23.85280"	30 16' 56.45669"	1697.321	2009/1/29	28-jan-09 .27
BF	-01 47' 25.02750"	30 21' 50.63825"	1540.146	2009/1/27	27-jan-09 .12
BF	-01 47' 26.31959"	30 24' 49.93931"	1523.563	2009/12/7	Kiziguro Rubona Nyagasambu
BF	-01 47' 34.05763"	30 24' 03.72352"	1547.596	2009/1/21	21-jan-09 .22
BF	-01 47' 36.66474"	30 28' 13.04504"	1590.135	2009/1/15	14-jan-09 .09
BF	-01 47' 36.85122"	30 24' 31.88542"	1569.466	2009/1/21	21-jan-09 .16
BF	-01 47' 38.46467"	30 30' 11.77312"	1614.888	2009/1/19	16-jan-09 .12
BF	-01 47' 39.00600"	30 25' 19.56558"	1582.684	2009/1/21	21-jan-09 .13
BF	-01 47' 39.34728"	30 19' 33.48178"	1718.469	2009/1/26	23-jan-09 .04
BF	-01 47' 41.18915"	30 24' 29.06194"	1567.784	2009/1/21	21-jan-09 .25
BF	-01 47' 47.80861"	30 25' 01.56990"	1558.652	2009/12/7	Kiziguro Rubona Rubaya 663
BF	-01 47' 48.67282"	30 25' 01.32550"	1567.063	2009/1/21	21-jan-09 .15
BF	-01 47' 50.30226"	30 26' 08.64499"	1562.737	2009/1/21	21-jan-09 .10
BF	-01 47' 53.24129"	30 19' 02.64608"	1533.177	2009/1/27	27-jan-09 .04
BF	-01 47' 58.58767"	30 17' 18.40888"	1656.946	2009/1/29	28-jan-09 .04
BF	-01 47' 59.03245"	30 24' 49.38862"	1555.767	2009/1/22	22-jan-09 .02
BF	-01 47' 59.47602"	30 24' 51.03587"	1562.497	2009/1/22	22-jan-09 .03
BF	-01 47' 59.91325"	30 25' 10.77204"	1581.482	2009/1/21	21-jan-09 .14
BF	-01 48' 03.24275"	30 24' 56.34907"	1568.745	2009/1/22	22-jan-09 .04
BF	-01 48' 04.21015"	30 19' 47.24360"	1732.889	2009/1/26	23-jan-09 .05
BF	-01 48' 04.65855"	30 30' 07.62739"	1614.648	2009/1/19	16-jan-09 .11
BF	-01 48' 07.25842"	30 17' 41.87252"	1671.365	2009/1/29	28-jan-09 .10
BF	-01 48' 07.33415"	30 30' 04.26924"	1614.888	2009/1/19	16-jan-09 .10
BF	-01 48' 09.03330"	30 16' 59.91017"	1600.709	2009/1/29	28-jan-09 .06
BF	-01 48' 09.75508"	30 18' 59.41616"	1540.386	2009/1/27	27-jan-09 .03
BF	-01 48' 09.87699"	30 29' 50.36708"	1618.974	2009/1/19	16-jan-09 .09
BF	-01 48' 10.87487"	30 25' 03.91451"	1571.869	2009/1/22	22-jan-09 .07
BF	-01 48' 11.71554"	30 24' 10.13386"	1569.707	2009/1/21	21-jan-09 .27
BF	-01 48' 12.35012"	30 18' 12.61678"	1605.035	2009/1/29	28-jan-09 .12
BF	-01 48' 13.04082"	30 25' 07.88340"	1569.947	2009/1/22	22-jan-09 .06
BF	-01 48' 14.16604"	30 30' 22.61221"	1596.383	2009/1/15	14-jan-09 .03
BF	-01 48' 14.55228"	30 17' 39.61997"	1689.63	2009/9/28	BF nouse
BF	-01 48' 14.57039"	30 17' 39.49566"	1674.009	2009/1/29	28-jan-09 .03
BF	-01 48' 15.50792"	30 25' 09.63293"	1566.102	2009/1/22	22-jan-09 .08
BF	-01 48' 17.41497"	30 27' 19.53958"	1534.138	2009/1/15	15-jan-09 .23

4.1 Données de localisation de tous les ouvrages (12/55)

Name	Latitude	Longitude	Alti	Date	Comments
BF	-01 48' 17.58757"	30 18' 21.57358"	1570.427	2009/1/29	28-jan-09 .13
BF	-01 48' 17.75745"	30 26' 25.44392"	1533.177	2009/1/21	21-jan-09 .09
BF	-01 48' 20.61139"	30 21' 18.81857"	1517.555	2009/1/27	27-jan-09 .08
BF	-01 48' 20.82473"	30 17' 44.81488"	1679.296	2009/1/29	28-jan-09 .25
BF	-01 48' 21.00759"	30 35' 15.48964"	1717.989	2009/1/13	13-jan-09 .18 broken
BF	-01 48' 21.02177"	30 35' 16.81433"	1718.95	2009/1/13	13-jan-09 .19
BF	-01 48' 21.45599"	30 17' 45.24760"	1681.699	2009/1/29	28-jan-09 .26
BF	-01 48' 21.67988"	30 19' 53.43128"	1754.278	2009/1/26	23-jan-09 .06
BF	-01 48' 23.07155"	30 21' 57.79843"	1543.03	2009/1/27	27-jan-09 .10
BF	-01 48' 24.84100"	30 27' 49.06958"	1585.087	2009/1/15	15-jan-09 .22
BF	-01 48' 26.34099"	30 26' 17.00070"	1496.647	2009/1/21	21-jan-09 .07
BF	-01 48' 27.17895"	30 24' 51.52651"	1552.162	2009/1/22	22-jan-09 .09
BF	-01 48' 28.47254"	30 20' 58.62041"	1531.494	2009/1/27	27-jan-09 .07
BF	-01 48' 28.62855"	30 23' 09.04067"	1563.698	2009/1/21	21-jan-09 .29
BF	-01 48' 34.76460"	30 19' 20.54431"	1521.16	2009/1/27	27-jan-09 .05
BF	-01 48' 37.04311"	30 16' 54.78982"	1581.723	2009/1/29	28-jan-09 .07
BF	-01 48' 37.92240"	30 17' 53.83414"	1650.937	2009/1/29	28-jan-09 .18
BF	-01 48' 38.82493"	30 20' 02.02567"	1750.914	2009/1/26	23-jan-09 .07
BF	-01 48' 40.38557"	30 24' 51.59290"	1534.859	2009/1/22	22-jan-09 .10
BF	-01 48' 44.56177"	30 21' 09.49572"	1543.511	2009/1/27	27-jan-09 .06
BF	-01 48' 50.29047"	30 16' 39.20783"	1572.35	2009/1/29	28-jan-09 .09
BF	-01 48' 52.03216"	30 25' 40.98551"	1530.533	2009/1/21	21-jan-09 .03
BF	-01 48' 53.60397"	30 20' 05.32169"	1751.154	2009/1/26	23-jan-09 .09
BF	-01 48' 53.84054"	30 29' 18.42187"	1581.242	2009/1/19	16-jan-09 .07
BF	-01 48' 56.50287"	30 18' 18.57391"	1681.699	2009/1/29	28-jan-09 .19
BF	-01 48' 58.63774"	30 35' 04.06363"	1688.669	2009/1/13	13-jan-09 .21
BF	-01 49' 00.39573"	30 16' 48.81580"	1589.894	2009/1/29	28-jan-09 .08
BF	-01 49' 01.18872"	30 25' 01.75912"	1543.03	2009/1/22	22-jan-09 .12
BF	-01 49' 02.80700"	30 24' 51.21270"	1540.386	2009/1/22	22-jan-09 .11
BF	-01 49' 02.88515"	30 29' 57.42316"	1610.562	2009/1/19	16-jan-09 .05
BF	-01 49' 08.60841"	30 28' 48.50260"	1592.297	2009/1/19	16-jan-09 .04
BF	-01 49' 09.78735"	30 25' 54.40454"	1480.545	2009/1/21	21-jan-09 .04
BF	-01 49' 11.95390"	30 31' 11.23990"	1610.562	2009/1/13	13-jan-09 .26
BF	-01 49' 13.51998"	30 21' 27.71201"	1523.804	2009/1/26	26-jan-09 .19
BF	-01 49' 18.33286"	30 28' 48.52823"	1596.864	2009/1/19	16-jan-09 .08
BF	-01 49' 18.33498"	30 31' 12.67410"	1612.725	2009/1/13	13-jan-09 .25
BF	-01 49' 19.27915"	30 26' 52.50203"	1530.293	2009/1/15	15-jan-09 .24
BF	-01 49' 20.15030"	30 21' 15.17191"	1534.138	2009/1/26	26-jan-09 .20
BF	-01 49' 22.23176"	30 24' 46.60589"	1533.417	2009/1/22	22-jan-09 .13
BF	-01 49' 23.95746"	30 29' 48.05416"	1581.002	2009/1/19	16-jan-09 .06
BF	-01 49' 27.20578"	30 22' 12.90727"	1515.633	2009/1/21	21-jan-09 .38
BF	-01 49' 30.19399"	30 23' 41.87450"	1556.729	2009/1/21	21-jan-09 .30
BF	-01 49' 30.79659"	30 22' 43.67024"	1545.674	2009/1/21	21-jan-09 .37
BF	-01 49' 31.44685"	30 24' 55.89342"	1533.177	2009/1/22	22-jan-09 .14
BF	-01 49' 32.59591"	30 35' 01.97070"	1651.898	2009/1/13	13-jan-09 .23
BF	-01 49' 37.64930"	30 26' 35.33827"	1523.563	2009/1/15	15-jan-09 .29
BF	-01 49' 38.24736"	30 25' 15.32784"	1518.276	2009/1/22	22-jan-09 .15
BF	-01 49' 39.20964"	30 24' 54.99421"	1525.967	2009/1/22	22-jan-09 .17
BF	-01 49' 46.79378"	30 22' 28.06532"	1555.767	2009/1/21	21-jan-09 .35
BF	-01 49' 46.79439"	30 23' 14.67431"	1554.085	2009/1/21	21-jan-09 .32
BF	-01 49' 47.74852"	30 27' 58.34444"	1539.906	2009/1/19	16-jan-09 .02
BF	-01 49' 49.52793"	30 22' 53.18951"	1555.527	2009/1/21	21-jan-09 .34
BF	-01 49' 51.03999"	30 24' 39.47738"	1499.05	2009/1/22	22-jan-09 .26
BF	-01 49' 51.52158"	30 19' 00.06492"	1650.697	2009/1/29	28-jan-09 .23
BF	-01 49' 56.73881"	30 18' 42.14498"	1603.833	2009/1/29	28-jan-09 .21
BF	-01 49' 59.15793"	30 27' 41.61974"	1481.026	2009/1/19	16-jan-09 .01
BF	-01 50' 00.48562"	30 26' 17.71253"	1522.843	2009/1/15	15-jan-09 .30
BF	-01 50' 01.69926"	30 28' 12.67057"	1509.625	2009/1/19	16-jan-09 .03
BF	-01 50' 02.49617"	30 24' 01.58893"	1520.439	2009/1/21	21-jan-09 .44
BF	-01 50' 05.53931"	30 24' 53.24256"	1515.873	2009/1/22	22-jan-09 .18
BF	-01 50' 13.59026"	30 22' 00.47345"	1544.472	2009/1/21	21-jan-09 .36
BF	-01 50' 15.91071"	30 23' 05.18068"	1548.317	2009/1/21	21-jan-09 .39
BF	-01 50' 17.25590"	30 21' 01.64272"	1530.293	2009/1/26	26-jan-09 .21
BF	-01 50' 21.48430"	30 24' 47.58296"	1513.229	2009/1/22	22-jan-09 .19
BF	-01 50' 24.35665"	30 34' 46.17386"	1601.189	2009/1/7	05-jan-09 .34
BF	-01 50' 29.49029"	30 20' 00.55766"	1525.967	2009/1/26	26-jan-09 .29
BF	-01 50' 29.81769"	30 24' 44.15933"	1507.942	2009/1/22	22-jan-09 .20
BF	-01 50' 35.11609"	30 24' 44.30869"	1500.492	2009/1/22	22-jan-09 .25
BF	-01 50' 37.13177"	30 20' 58.24774"	1541.107	2009/1/26	26-jan-09 .22
BF	-01 50' 42.67610"	30 24' 28.99102"	1489.437	2009/1/22	22-jan-09 .24
BF	-01 50' 44.27024"	30 31' 51.10752"	1580.041	2009/1/13	13-jan-09 .03
BF	-01 50' 44.87886"	30 19' 12.86389"	1562.737	2009/1/29	28-jan-09 .24
BF	-01 50' 46.22496"	30 31' 11.49820"	1593.499	2009/1/12	12-jan-09 .34
BF	-01 50' 49.75512"	30 20' 20.90969"	1526.688	2009/1/26	26-jan-09 .26
BF	-01 50' 50.68541"	30 20' 48.89627"	1553.845	2009/1/26	26-jan-09 .25
BF	-01 50' 53.48926"	30 20' 04.59416"	1540.386	2009/1/26	26-jan-09 .28
BF	-01 50' 53.64013"	30 24' 21.06590"	1484.39	2009/1/22	22-jan-09 .23

4.1 Données de localisation de tous les ouvrages (13/55)

Name	Latitude	Longitude	Alti	Date	Comments
BF	-01 50' 54.36644"	30 20' 50.02933"	1559.373	2009/1/26	26-jan-09 .24
BF	-01 50' 54.60663"	30 32' 26.44048"	1585.808	2009/1/13	13-jan-09 .05
BF	-01 50' 55.10904"	30 23' 23.91353"	1522.362	2009/1/21	21-jan-09 .40
BF	-01 50' 57.91983"	30 29' 39.95405"	1569.947	2009/1/12	12-jan-09 .36
BF	-01 51' 07.09268"	30 21' 15.25039"	1517.555	2009/1/26	2009/1/26 16:34
BF	-01 51' 10.02115"	30 22' 39.99133"	1512.268	2009/1/21	21-jan-09 .43
BF	-01 51' 10.71668"	30 32' 52.63735"	1590.135	2009/1/13	13-jan-09 .07
BF	-01 51' 13.44630"	30 22' 09.30169"	1492.802	2009/1/21	21-jan-09 .42
BF	-01 51' 15.25589"	30 19' 43.04478"	1487.755	2009/1/26	26-jan-09 .27
BF	-01 51' 16.04586"	30 26' 05.30160"	1524.525	2009/1/10	Gasharu newly for school 25
BF	-01 51' 19.66081"	30 31' 15.57602"	1580.521	2009/1/12	12-jan-09 .31
BF	-01 51' 20.66654"	30 22' 51.98160"	1525.727	2009/1/21	21-jan-09 .41
BF	-01 51' 22.09894"	30 20' 14.87353"	1498.57	2009/1/26	26-jan-09 .35
BF	-01 51' 33.79954"	30 21' 23.56870"	1520.199	2009/1/26	2009/1/26 16:25
BF	-01 51' 37.83935"	30 28' 17.84284"	1510.345	2009/1/12	12-jan-09 .24
BF	-01 51' 38.51889"	30 35' 47.98522"	1397.632	2009/1/7	02-jan-09 .15
BF	-01 51' 40.32002"	30 20' 19.02707"	1507.462	2009/1/26	26-jan-09 .31
BF	-01 51' 47.45155"	30 33' 13.63151"	1629.308	2009/1/7	05-jan-09 .38
BF	-01 51' 49.44218"	30 33' 36.49954"	1623.78	2009/1/7	05-jan-09 .35
BF	-01 51' 50.44550"	30 28' 48.78865"	1542.069	2009/1/12	12-jan-09 .23
BF	-01 51' 51.55985"	30 20' 29.94011"	1492.321	2009/1/26	26-jan-09 .32
BF	-01 51' 52.41652"	30 35' 49.97465"	1397.392	2009/1/7	02-jan-09 .14
BF	-01 51' 59.65034"	30 21' 36.99529"	1489.197	2009/1/26	2009/1/26 16:21
BF	-01 52' 03.41465"	30 20' 42.95846"	1501.694	2009/1/26	26-jan-09 .33
BF	-01 52' 08.36513"	30 28' 24.06760"	1551.682	2009/1/12	12-jan-09 .25
BF	-01 52' 08.68559"	30 20' 56.45807"	1514.671	2009/1/26	26-jan-09 .34
BF	-01 52' 10.94327"	30 27' 09.85165"	1539.425	2009/1/10	Gahengeri newly for school 22
BF	-01 52' 25.59105"	30 28' 33.64813"	1576.195	2009/1/12	12-jan-09 .22
BF	-01 52' 25.79684"	30 35' 55.18255"	1378.406	2009/1/7	02-jan-09 .12
BF	-01 52' 33.17460"	30 30' 13.72118"	1486.072	2009/1/12	12-jan-09 .15
BF	-01 52' 43.42861"	30 28' 28.78032"	1573.071	2009/1/12	12-jan-09 .26
BF	-01 52' 47.07042"	30 29' 22.67923"	1556.489	2009/1/12	12-jan-09 .20
BF	-01 52' 51.58548"	30 28' 48.82638"	1549.038	2009/1/12	12-jan-09 .21
BF	-01 52' 52.17298"	30 36' 05.07960"	1380.569	2009/1/7	02-jan-09 .09
BF	-01 52' 53.15518"	30 30' 40.50742"	1512.749	2009/1/12	12-jan-09 .13
BF	-01 52' 53.99796"	30 30' 28.27937"	1514.912	2009/1/12	12-jan-09 .14
BF	-01 53' 03.32259"	30 30' 50.10214"	1535.58	2009/1/12	12-jan-09 .12
BF	-01 53' 03.56640"	30 16' 10.67538"	1465.404	2009/2/12	Nyakagunga Kirehe
BF	-01 53' 05.29150"	30 33' 13.27907"	1625.943	2009/1/7	05-jan-09 .41
BF	-01 53' 09.40403"	30 29' 25.92816"	1572.35	2009/1/12	12-jan-09 .19
BF	-01 53' 11.24349"	30 16' 24.31772"	1464.683	2009/2/12	
BF	-01 53' 15.74347"	30 27' 04.61027"	1536.061	2009/1/10	Umonini newly for school 18
BF	-01 53' 18.09801"	30 27' 24.45386"	1538.464	2009/1/17	for secondary school 05
BF	-01 53' 18.20483"	30 38' 21.36458"	1384.895	2008/12/19	19-dec-08 .30
BF	-01 53' 21.23770"	30 36' 24.48745"	1364.947	2009/1/7	02-jan-09 .19
BF	-01 53' 25.30618"	30 29' 55.35618"	1615.369	2009/1/12	12-jan-09 .18
BF	-01 53' 26.05451"	30 31' 29.06569"	1576.676	2009/1/12	09-jan-09 .08
BF	-01 53' 33.88428"	30 16' 43.52916"	1444.736	2009/2/12	Nyagasambu Rebero
BF	-01 53' 36.20714"	30 33' 05.15783"	1596.143	2009/1/7	05-jan-09 .42
BF	-01 53' 39.29554"	30 16' 42.85988"	1436.084	2009/2/12	Nyagasambu Rebero
BF	-01 53' 41.94248"	30 29' 12.32203"	1568.024	2009/1/12	12-jan-09 .27
BF	-01 53' 42.41653"	30 29' 21.90376"	1579.8	2009/1/12	12-jan-09 .28
BF	-01 53' 43.17120"	30 36' 19.79374"	1377.685	2009/1/7	02-jan-09 .20
BF	-01 53' 46.45271"	30 30' 28.63843"	1568.505	2009/1/12	09-jan-09 .11
BF	-01 53' 47.61535"	30 16' 27.85271"	1449.062	2009/2/12	Nyakagunga Kabeza
BF	-01 53' 48.26139"	30 16' 27.16324"	1446.899	2009/2/12	Health center
BF	-01 53' 50.73935"	30 30' 56.78435"	1571.869	2009/1/12	09-jan-09 .07
BF	-01 53' 51.15154"	30 18' 45.27803"	1685.064	2009/1/14	for school 31
BF	-01 53' 51.67809"	30 36' 08.45222"	1396.19	2009/1/7	05-jan-09 .23
BF	-01 53' 52.86366"	30 35' 54.57300"	1393.065	2009/1/7	05-jan-09 .24
BF	-01 53' 55.09026"	30 30' 26.27244"	1572.11	2009/1/12	09-jan-09 .10
BF	-01 53' 56.75833"	30 29' 56.05897"	1602.391	2009/9/23	BF
BF	-01 53' 59.29664"	30 30' 45.03758"	1575.234	2009/1/12	09-jan-09 .06
BF	-01 54' 01.15632"	30 35' 39.72667"	1388.019	2009/1/7	05-jan-09 .25
BF	-01 54' 05.14483"	30 36' 28.94728"	1351.008	2009/1/7	05-jan-09 .22
BF	-01 54' 05.57452"	30 29' 53.90902"	1594.941	2009/1/12	12-jan-09 >16
BF	-01 54' 17.88827"	30 35' 28.23158"	1385.375	2009/1/7	05-jan-09 .26
BF	-01 54' 25.29137"	30 19' 21.67284"	1628.587	2009/1/14	Bitsibo house 32
BF	-01 54' 26.69903"	30 19' 08.66536"	1669.683	2009/1/14	Bitsibo 30
BF	-01 54' 26.74429"	30 38' 31.04801"	1401.718	2008/12/19	19-dec-08 .29
BF	-01 54' 27.24791"	30 30' 53.33868"	1596.623	2009/1/12	09-jan-09 .04
BF	-01 54' 31.52972"	30 35' 06.71780"	1399.314	2009/1/7	05-jan-09 .27
BF	-01 54' 35.06470"	30 30' 26.78512"	1575.474	2009/1/12	09-jan-09 .05
BF	-01 54' 35.48383"	30 20' 23.60281"	1593.739	2009/1/14	Rugabano 38
BF	-01 54' 37.48110"	30 38' 29.76983"	1400.276	2008/12/19	19-dec-08 .28
BF	-01 54' 38.79069"	30 35' 47.60473"	1388.98	2008/12/19	19-dec-08 .38
BF	-01 54' 43.25235"	30 34' 54.98641"	1396.43	2009/1/7	05-jan-09 .28

4.1 Données de localisation de tous les ouvrages (14/55)

Name	Latitude	Longitude	Alti	Date	Comments
BF	-01 54' 46.80936"	30 35' 52.40706"	1381.53	2008/12/19	19-dec-08 37
BF	-01 54' 47.30573"	30 19' 22.57385"	1666.559	2009/1/14	Bitsibo 29
BF	-01 54' 52.86032"	30 36' 15.31703"	1345	2008/12/19	19-dec-08 .36
BF	-01 54' 58.66234"	30 33' 59.70852"	1461.319	2008/12/22	22-dec-08 .06
BF	-01 55' 01.47343"	30 20' 57.68498"	1591.336	2009/1/14	Kabare 40
BF	-01 55' 02.82798"	30 40' 01.95701"	1418.781	2008/12/19	19-dec-08 .05
BF	-01 55' 04.41729"	30 34' 21.84269"	1422.626	2008/12/22	22-dec-08 .08
BF	-01 55' 05.23925"	30 19' 32.62541"	1682.66	2009/1/14	Bitsibo nouse 33
BF	-01 55' 06.84787"	30 20' 30.64592"	1620.896	2009/1/14	Kabare 39
BF	-01 55' 08.54370"	30 21' 29.57681"	1523.083	2009/1/14	Nyagacyamo nouse 42
BF	-01 55' 19.98842"	30 19' 45.97172"	1695.158	2009/1/14	Nyakiriba 34
BF	-01 55' 20.66584"	30 38' 10.46000"	1382.491	2008/12/19	19-dec-08 .27
BF	-01 55' 22.90602"	30 20' 44.57825"	1600.228	2009/1/14	Kagarama 45
BF	-01 55' 29.62023"	30 19' 56.70163"	1650.457	2009/1/14	Nyakiriba nouse 35
BF	-01 55' 36.73304"	30 37' 52.71420"	1387.538	2008/12/19	19-dec-08 .26
BF	-01 55' 41.13012"	30 33' 41.23156"	1590.375	2008/12/31	30-dec-08 .15
BF	-01 55' 41.46265"	30 19' 51.54503"	1654.542	2009/1/14	for school restrant 27
BF	-01 55' 42.16693"	30 19' 52.65818"	1655.504	2009/1/14	for school poliTank 26
BF	-01 55' 42.52450"	30 30' 02.80393"	1578.358	2008/12/31	31-dec-08 .31
BF	-01 55' 44.19378"	30 36' 21.37403"	1341.876	2008/12/19	19-dec-08 .35
BF	-01 55' 46.27222"	30 19' 54.58123"	1652.379	2009/1/14	for secondary school 25
BF	-01 55' 47.24053"	30 40' 23.32078"	1386.336	2008/12/19	19-dec-08 .08
BF	-01 55' 50.03502"	30 30' 09.84010"	1572.11	2008/12/31	31-dec-08 .30
BF	-01 55' 51.00334"	30 20' 22.84663"	1655.984	2009/1/14	Karifuru 37
BF	-01 55' 54.61949"	30 19' 55.76347"	1657.907	2009/1/14	23
BF	-01 55' 56.36360"	30 31' 54.18174"	1580.521	2008/12/31	31-dec-08 .20
BF	-01 55' 57.63335"	30 37' 32.44030"	1375.522	2008/12/19	19-dec-08 .25
BF	-01 55' 59.39134"	30 30' 31.51652"	1565.861	2008/12/31	31-dec-08 .22
BF	-01 56' 02.86175"	30 30' 06.41315"	1572.35	2008/12/31	31-dec-08 .29
BF	-01 56' 03.37110"	30 40' 31.43118"	1374.32	2008/12/19	19-dec-08 .11
BF	-01 56' 05.81858"	30 40' 15.75235"	1392.585	2008/12/19	19-dec-08 .04
BF	-01 56' 09.33365"	30 39' 35.61253"	1413.974	2008/12/19	19-dec-08 .19
BF	-01 56' 10.17794"	30 39' 51.34630"	1404.601	2008/12/19	19-dec-08 .18
BF	-01 56' 13.30255"	30 20' 01.51994"	1689.39	2009/1/14	22
BF	-01 56' 15.93108"	30 20' 16.65686"	1685.785	2009/1/14	Gatika 36
BF	-01 56' 17.11484"	30 33' 54.85702"	1636.758	2008/12/31	30-dec-08 .14
BF	-01 56' 17.23614"	30 40' 05.96179"	1386.577	2008/12/19	Nyankora.09
BF	-01 56' 17.74459"	30 35' 53.22116"	1363.024	2008/12/19	19-dec-08 .34
BF	-01 56' 18.10035"	30 37' 19.59186"	1387.057	2008/12/19	19-dec-08 .24
BF	-01 56' 24.08674"	30 33' 57.10802"	1641.324	2008/12/31	30-dec-08 .13
BF	-01 56' 27.24605"	30 36' 43.12584"	1380.569	2008/12/19	19-dec-08 .32
BF	-01 56' 27.53965"	30 20' 08.48310"	1709.096	2009/1/14	Gatika 20
BF	-01 56' 27.84230"	30 40' 24.33256"	1376.964	2008/12/19	19-dec-08 .10
BF	-01 56' 27.87037"	30 30' 15.32408"	1573.792	2008/12/31	31-dec-08 .28
BF	-01 56' 29.19293"	30 30' 46.09552"	1583.646	2008/12/31	31-dec-08 .23
BF	-01 56' 29.46722"	30 31' 09.04922"	1596.383	2008/12/31	31-dec-08 .21
BF	-01 56' 31.91742"	30 40' 07.95576"	1393.306	2008/12/19	19-dec-08 .17
BF	-01 56' 41.77011"	30 40' 07.65944"	1402.198	2008/12/19	19-dec-08 .16
BF	-01 56' 42.30058"	30 30' 59.34107"	1594.22	2008/12/31	31-dec-08 .24
BF	-01 56' 54.14391"	30 37' 03.28840"	1414.695	2008/12/19	19-dec-08 .23
BF	-01 56' 56.93267"	30 40' 18.23664"	1385.135	2008/12/19	19-dec-08 .12
BF	-01 56' 58.63514"	30 33' 51.52388"	1642.045	2008/12/31	30-dec-08 .12
BF	-01 57' 05.48694"	30 31' 10.35307"	1611.043	2008/12/31	31-dec-08 .25
BF	-01 57' 05.53461"	30 40' 08.19052"	1386.577	2008/12/19	19-dec-08 .13
BF	-01 57' 07.54456"	30 22' 50.88022"	1578.118	2008/12/4	MW-02
BF	-01 57' 09.31039"	30 23' 41.19194"	1579.32	2008/12/4	MW-05
BF	-01 57' 09.63538"	30 37' 00.55394"	1411.331	2008/12/19	19-dec-08 .22
BF	-01 57' 10.75517"	30 39' 53.31218"	1399.074	2008/12/19	19-dec-08 .15
BF	-01 57' 13.28050"	30 21' 48.32474"	1641.084	2009/1/20	Cymbazi 23
BF	-01 57' 16.25785"	30 36' 40.27946"	1373.118	2008/12/19	19-dec-08 .43
BF	-01 57' 16.48205"	30 23' 19.04060"	1603.593	2008/12/4	MW-01
BF	-01 57' 23.53542"	30 16' 42.30044"	1422.145	2009/2/9	Rweri Nyamugari
BF	-01 57' 23.88575"	30 15' 46.99717"	1414.935	2009/2/6	Akinyambo Kampigika
BF	-01 57' 27.58006"	30 20' 00.60533"	1486.072	2009/2/6	Kagezi Akabuga
BF	-01 57' 30.32778"	30 31' 43.23428"	1607.919	2008/12/31	31-dec-08.26
BF	-01 57' 32.85794"	30 32' 05.57124"	1590.855	2008/12/31	31-dec-08 .27
BF	-01 57' 35.70585"	30 21' 33.19384"	1628.106	2009/1/20	Ntunga 21
BF	-01 57' 40.47438"	30 17' 04.15306"	1420.703	2009/2/9	Rweri Kiruruma
BF	-01 57' 41.55977"	30 16' 17.25834"	1420.703	2009/2/5	Akinyambo Kampigika
BF	-01 57' 47.43209"	30 14' 20.64430"	1407.966	2009/2/6	Nyarukombe Marembo
BF	-01 57' 48.30656"	30 36' 58.85269"	1427.673	2008/12/22	22-dec-08 .12
BF	-01 57' 49.19340"	30 32' 27.31733"	1595.902	2008/12/31	30-dec-08 .11
BF	-01 57' 49.59322"	30 36' 58.17103"	1428.394	2008/12/22	22-dec-08 .11
BF	-01 57' 50.86931"	30 33' 24.14714"	1598.305	2008/12/31	31-dec-08 .34
BF	-01 57' 52.45500"	30 17' 15.82199"	1423.106	2009/2/9	Rweri Kiruruma
BF	-01 57' 52.55639"	30 39' 34.17350"	1410.61	2008/12/19	19-dec-08 .14
BF	-01 57' 52.77365"	30 23' 49.57361"	1668	2008/12/4	MW-06

4.1 Données de localisation de tous les ouvrages (15/55)

Name	Latitude	Longitude	Alti	Date	Comments
BF	-01 57' 53.76278"	30 27' 39.54038"	1469.009	2008/12/6	Kg-9
BF	-01 57' 54.56000"	30 23' 25.55956"	1615.849	2008/12/4	MW-03
BF	-01 57' 55.04310"	30 33' 27.64894"	1605.996	2008/12/31	31-dec-08 .35
BF	-01 57' 55.76005"	30 20' 12.54764"	1451.465	2009/2/6	Kagezi Kabonero
BF	-01 57' 56.62366"	30 16' 54.03392"	1429.595	2009/2/5	Ntebe kanyinya
BF	-01 57' 58.88798"	30 24' 37.39021"	1484.63	2008/12/4	MW-09
BF	-01 57' 59.59678"	30 17' 26.48789"	1427.432	2009/2/9	Rweri Kiruruma
BF	-01 58' 00.58290"	30 15' 00.42138"	1511.307	2009/2/6	Akinyambo Rugarama
BF	-01 58' 00.80499"	30 18' 08.73720"	1450.023	2009/2/9	Rweri Akinteko
BF	-01 58' 02.76363"	30 27' 41.45828"	1481.506	2008/12/4	KG-10
BF	-01 58' 03.35204"	30 19' 18.39526"	1732.408	2009/2/6	Gihumuza Kabeza
BF	-01 58' 04.37859"	30 17' 40.03850"	1422.626	2009/2/9	Rweri Kiruruma
BF	-01 58' 04.60641"	30 25' 52.40971"	1478.382	2008/12/4	BF ErectroGAS
BF	-01 58' 05.23254"	30 15' 25.80689"	1608.88	2009/2/6	Akinyambo Ryabaheshwa
BF	-01 58' 05.60550"	30 26' 06.83660"	1504.337	2008/12/4	ErectroGAS
BF	-01 58' 05.95221"	30 45' 36.99018"	1348.605	2008/12/29	29-dec-08 .14
BF	-01 58' 09.92020"	30 36' 36.86126"	1414.455	2008/12/22	22-dec-08 .14
BF	-01 58' 11.55146"	30 20' 17.28812"	1440.65	2009/2/6	Kagezi Kabonero
BF	-01 58' 12.92321"	30 45' 45.56891"	1332.984	2008/12/29	29-dec-08 .15
BF	-01 58' 15.88306"	30 36' 27.72522"	1410.369	2008/12/22	22-dec-08 .15
BF	-01 58' 16.26115"	30 21' 29.76718"	1621.377	2009/1/20	Ntunga 19
BF	-01 58' 16.55596"	30 14' 42.73289"	1475.258	2009/2/6	Nyarukombe Gituza
BF	-01 58' 16.66308"	30 33' 38.67304"	1637.479	2008/12/31	30-dec-08 .18
BF	-01 58' 18.72432"	30 26' 04.73525"	1492.802	2008/12/4	ErectroGAS
BF	-01 58' 23.02635"	30 33' 06.15719"	1619.214	2008/12/31	30-dec-08 .10
BF	-01 58' 23.20348"	30 45' 39.90024"	1337.79	2008/12/29	29-dec-08 .16
BF	-01 58' 23.25025"	30 26' 04.13534"	1485.832	2008/12/4	ErecttoGAS
BF	-01 58' 26.11384"	30 15' 25.03170"	1561.776	2009/2/6	Nyarukombe Gatuza
BF	-01 58' 26.94817"	30 15' 37.68160"	1568.745	2009/2/5	Ntebe Kabagabo
BF	-01 58' 27.38390"	30 24' 49.74318"	1477.18	2008/12/4	MW-08
BF	-01 58' 27.91045"	30 16' 21.80690"	1573.792	2009/2/6	Ntebe Kabagabo
BF	-01 58' 29.91104"	30 31' 11.29390"	1618.012	2009/1/7	07-jan-09 .13
BF	-01 58' 32.14187"	30 45' 20.15413"	1356.295	2008/12/29	29-dec-08 .11
BF	-01 58' 32.15213"	30 26' 02.72648"	1480.785	2008/12/4	ErectroGAS
BF	-01 58' 32.22998"	30 27' 39.38468"	1538.945	2008/12/6	Kg-12
BF	-01 58' 34.55103"	30 23' 58.10917"	1608.64	2008/12/4	MW-04
BF	-01 58' 35.93575"	30 33' 39.63017"	1669.683	2008/12/31	30-dec-08 .08
BF	-01 58' 36.66930"	30 15' 23.15120"	1544.712	2009/2/5	Nyarukombe Gatuza conct to school
BF	-01 58' 37.31957"	30 24' 14.44162"	1623.78	2008/12/4	MW-07
BF	-01 58' 38.85547"	30 45' 29.16342"	1337.79	2008/12/29	29-dec-08 .13
BF	-01 58' 42.40313"	30 27' 07.10212"	1479.103	2008/12/6	Kg-13
BF	-01 58' 42.41128"	30 33' 20.02104"	1649.495	2008/12/31	30-dec-08 .09
BF	-01 58' 46.11132"	30 15' 04.74304"	1478.622	2009/2/6	Nyarukombe Gituza
BF	-01 58' 49.70212"	30 27' 44.01108"	1533.177	2008/12/4	KG-11
BF	-01 58' 52.13150"	30 29' 59.41230"	1558.411	2009/1/7	06-jan-09 .11
BF	-01 58' 52.46493"	30 16' 42.34026"	1564.419	2009/2/6	Ntebe Kabagabo
BF	-01 58' 54.46523"	30 21' 44.94002"	1603.352	2009/1/20	Sabusaro 18
BF	-01 58' 59.03008"	30 44' 41.92199"	1369.754	2008/12/29	29-dec-08 06
BF	-01 58' 59.15560"	30 45' 03.26830"	1362.303	2008/12/29	29-dec-08 .10
BF	-01 58' 59.84238"	30 31' 19.91759"	1581.963	2009/1/7	06-jan-09 .03
BF	-01 59' 01.75517"	30 26' 17.39238"	1450.985	2008/12/4	KG-08
BF	-01 59' 03.52190"	30 19' 31.66946"	1633.153	2009/2/6	Abandoned
BF	-01 59' 04.98207"	30 15' 17.07880"	1480.545	2009/2/6	Nyarukombe Mumena
BF	-01 59' 11.30068"	30 44' 45.96482"	1370.475	2008/12/29	29-dec-08 .08
BF	-01 59' 12.21437"	30 17' 08.22667"	1533.657	2009/2/5	Ntebe Samuramba
BF	-01 59' 13.00013"	30 44' 26.14718"	1377.685	2008/12/29	29-dec-08 .05
BF	-01 59' 13.83869"	30 30' 50.48474"	1571.148	2009/1/7	06-jan-09 .07
BF	-01 59' 15.56529"	30 26' 00.12541"	1487.034	2008/12/4	KG-06
BF	-01 59' 16.12504"	30 42' 57.42464"	1307.269	2008/12/29	29-dec-08 .22
BF	-01 59' 17.36220"	30 44' 41.82241"	1369.754	2008/12/29	29-dec-08 07
BF	-01 59' 17.74905"	30 31' 27.35144"	1549.519	2009/1/7	06-jan-09 .04
BF	-01 59' 18.10300"	30 30' 25.19791"	1554.325	2009/1/7	06-jan-09 .09
BF	-01 59' 18.23335"	30 44' 17.02442"	1378.406	2008/12/29	29-dec-08 .03
BF	-01 59' 19.44819"	30 20' 36.14316"	1427.913	2009/2/6	Kagezi Samatare
BF	-01 59' 21.31692"	30 27' 49.40878"	1532.696	2008/12/4	KG-14
BF	-01 59' 22.40653"	30 42' 48.68482"	1308.711	2008/12/29	29-dec-08 .21
BF	-01 59' 24.10840"	30 18' 59.77192"	1643.006	2009/2/6	Kibare Kabuye
BF	-01 59' 24.81026"	30 26' 14.80308"	1460.598	2008/12/4	KG-07
BF	-01 59' 25.35401"	30 24' 33.88748"	1484.15	2008/12/4	MW-10
BF	-01 59' 26.70192"	30 18' 38.04242"	1623.059	2009/2/6	Kibare Rurambi
BF	-01 59' 29.11923"	30 31' 05.51453"	1557.45	2009/1/7	06-jan-09 .05
BF	-01 59' 29.24053"	30 30' 12.81838"	1566.582	2009/1/7	06-jan-09 .08
BF	-01 59' 30.71820"	30 42' 54.52427"	1314.238	2008/12/29	29-dec-08 .19
BF	-01 59' 31.62344"	30 41' 38.81162"	1382.731	2008/12/29	29-dec-08 .28
BF	-01 59' 36.46892"	30 42' 55.48021"	1319.045	2008/12/29	29-dec-08 .17
BF	-01 59' 37.45141"	30 19' 34.79318"	1636.518	2009/2/6	Kibare Kinyovi
BF	-01 59' 38.28997"	30 21' 53.74292"	1676.893	2009/1/20	Bicumbi nouse 15

4.1 Données de localisation de tous les ouvrages (16/55)

Name	Latitude	Longitude	Alti	Date	Comments
BF	-01 59' 39.16504"	30 17' 19.92908"	1562.016	2009/2/5	Ntebe Samuramba
BF	-01 59' 41.10438"	30 30' 10.88294"	1561.535	2009/1/7	06-jan-09 .10
BF	-01 59' 42.39285"	30 33' 30.97663"	1659.349	2008/12/22	Rutagara 23
BF	-01 59' 45.11251"	30 24' 47.73110"	1498.089	2008/12/4	MW-11
BF	-01 59' 45.88498"	30 31' 06.97832"	1545.193	2009/1/7	06-jan-09 .06
BF	-01 59' 46.36567"	30 16' 57.97355"	1619.214	2009/2/5	Ntebe Samuramba
BF	-01 59' 50.73589"	30 21' 24.94526"	1427.673	2009/1/20	Rwinbogo 04
BF	-01 59' 51.04669"	30 15' 25.60655"	1442.813	2009/2/5	Bujuyuyu Yeruzaramu
BF	-01 59' 53.08289"	30 22' 00.89375"	1669.923	2009/1/20	Bicumbi 14
BF	-01 59' 53.14535"	30 25' 52.90972"	1486.313	2008/12/4	KG-05
BF	-01 59' 56.12995"	30 19' 57.92912"	1602.631	2009/1/29	18
BF	-01 59' 57.45975"	30 27' 52.72409"	1506.981	2008/12/4	KG-15
BF	-01 59' 58.10187"	30 26' 58.43440"	1508.183	2008/12/6	My-24
BF	-02 00' 13.26353"	30 25' 49.71781"	1461.8	2008/12/4	KG-04
BF	-02 00' 15.91499"	30 18' 49.60573"	1507.462	2009/1/29	Gatoki 12-102 37
BF	-02 00' 16.14191"	30 27' 05.87974"	1493.763	2008/12/6	My-23
BF	-02 00' 18.94666"	30 22' 14.58592"	1674.489	2009/1/20	Bicumbi 13
BF	-02 00' 20.32445"	30 21' 18.87167"	1410.369	2009/1/20	Rwinbogo 06
BF	-02 00' 20.59542"	30 16' 11.03538"	1584.607	2009/2/5	Bujuyuyu Rebero
BF	-02 00' 23.65997"	30 23' 14.29015"	1525.246	2009/1/14	Agatare nouse 04
BF	-02 00' 26.90920"	30 22' 55.92212"	1556.969	2009/1/14	Agatar nouse 06
BF	-02 00' 26.98072"	30 41' 29.36328"	1371.677	2008/12/29	29-dec-08 .26
BF	-02 00' 28.65270"	30 16' 53.34143"	1654.783	2009/2/5	Murehe Murehe
BF	-02 00' 30.16235"	30 19' 01.75894"	1615.849	2009/1/29	nouse 45
BF	-02 00' 30.47889"	30 32' 46.61567"	1555.287	2008/12/22	Busindu 27
BF	-02 00' 32.16445"	30 23' 32.75930"	1525.727	2009/1/14	for prim. school 08
BF	-02 00' 32.84278"	30 41' 28.19792"	1375.281	2008/12/29	29-dec-08 .30
BF	-02 00' 36.89557"	30 17' 36.68096"	1621.377	2009/2/5	Murehe Kajororo
BF	-02 00' 38.40914"	30 33' 28.49627"	1667.039	2008/12/22	nouse(close) 26
BF	-02 00' 38.65175"	30 18' 36.64472"	1582.203	2009/1/29	Agasharu 12-20 36
BF	-02 00' 39.08234"	30 21' 53.68500"	1429.595	2009/1/20	Manene 09
BF	-02 00' 39.19429"	30 18' 12.12404"	1598.065	2009/1/29	Ndinda 15A nouse 38
BF	-02 00' 41.86476"	30 19' 09.01510"	1606.477	2009/1/29	Nyarusange 42
BF	-02 00' 42.38045"	30 14' 41.46616"	1489.437	2009/2/2	Gishore Ruhnika
BF	-02 00' 42.47611"	30 28' 31.63001"	1482.468	2008/12/6	My-37
BF	-02 00' 43.37290"	30 25' 36.08692"	1440.65	2008/12/4	KG-03
BF	-02 00' 43.55425"	30 27' 55.73794"	1586.529	2008/12/6	My-35
BF	-02 00' 45.53915"	30 27' 22.97531"	1541.348	2008/12/6	My-22
BF	-02 00' 45.58110"	30 21' 34.81844"	1419.021	2009/1/20	Manene 08
BF	-02 00' 46.12243"	30 16' 46.42262"	1651.177	2009/2/5	Murehe Murehe
BF	-02 00' 48.44952"	30 26' 47.19638"	1453.868	2008/12/6	My-19
BF	-02 00' 49.00745"	30 18' 45.16279"	1596.623	2009/1/29	Nyarusange 03A 41
BF	-02 00' 59.22858"	30 28' 19.81445"	1519.958	2008/12/6	My-36
BF	-02 00' 59.32695"	30 25' 25.75747"	1427.432	2008/12/4	KG-02
BF	-02 00' 59.32725"	30 25' 25.75747"	1427.432	2008/12/6	Kg-02
BF	-02 00' 59.45881"	30 20' 15.32494"	1620.896	2009/1/29	Gitamu 16
BF	-02 01' 01.34836"	30 41' 48.82999"	1374.08	2008/12/29	29-dec-08 .25
BF	-02 01' 05.48232"	30 16' 44.56567"	1626.184	2009/2/5	Murehe Bitega
BF	-02 01' 05.86584"	30 28' 00.44674"	1581.963	2008/12/4	MY-34
BF	-02 01' 05.96149"	30 26' 47.79503"	1490.398	2008/12/6	My-18
BF	-02 01' 06.31907"	30 26' 19.73969"	1430.797	2008/12/6	My-15
BF	-02 01' 06.76596"	30 28' 11.30966"	1546.395	2008/12/6	My-32
BF	-02 01' 07.34411"	30 18' 13.33224"	1561.535	2009/1/29	Kamakuka 30
BF	-02 01' 09.66817"	30 27' 14.22367"	1557.45	2008/12/4	MY-21
BF	-02 01' 10.69321"	30 26' 35.33885"	1467.567	2008/12/6	My-17
BF	-02 01' 11.51548"	30 14' 55.73825"	1460.117	2009/2/2	Gishore Matyazo
BF	-02 01' 14.25897"	30 27' 41.97128"	1616.57	2008/12/4	MY-25
BF	-02 01' 14.54232"	30 27' 57.91810"	1599.507	2008/12/4	MY-26
BF	-02 01' 19.34917"	30 27' 23.51002"	1558.411	2008/12/6	My-20
BF	-02 01' 19.45901"	30 28' 24.54164"	1516.354	2008/12/6	My-33
BF	-02 01' 21.21669"	30 38' 14.61872"	1464.443	2008/12/23	23-dec-08 .14
BF	-02 01' 21.39291"	30 41' 05.06980"	1377.925	2008/12/29	29-dec-08 .31
BF	-02 01' 21.63492"	30 26' 42.19339"	1486.313	2008/12/6	My-16
BF	-02 01' 22.46563"	30 18' 31.87138"	1563.458	2009/1/29	Kibabara 12-19 34
BF	-02 01' 22.98011"	30 19' 37.40992"	1641.084	2009/1/29	Akanzu 12-23 20
BF	-02 01' 23.71517"	30 26' 28.19800"	1449.542	2008/12/6	My-14
BF	-02 01' 26.35909"	30 27' 03.74033"	1531.494	2008/12/4	MY-12
BF	-02 01' 30.34489"	30 20' 09.53621"	1653.821	2009/1/29	Kiyovu 14
BF	-02 01' 30.90131"	30 21' 06.42002"	1461.8	2009/1/29	Gisenyi 14-6 10
BF	-02 01' 30.93028"	30 20' 15.18011"	1645.65	2009/1/29	Kiyovu 12
BF	-02 01' 32.10951"	30 27' 56.23340"	1557.931	2008/12/4	MY-27
BF	-02 01' 32.31138"	30 38' 12.94220"	1459.636	2008/12/23	23-dec-08 .13
BF	-02 01' 32.56968"	30 16' 15.33619"	1571.389	2009/2/5	Bujuyuyu Gishaka
BF	-02 01' 34.23986"	30 38' 49.95438"	1468.529	2008/12/23	23-dec-08 .08
BF	-02 01' 36.83550"	30 26' 18.20918"	1426.231	2008/12/6	My-13
BF	-02 01' 37.30954"	30 25' 18.12324"	1389.941	2008/12/4	KG-01
BF	-02 01' 37.30954"	30 25' 18.12324"	1389.941	2008/12/6	Kg-01

4.1 Données de localisation de tous les ouvrages (17/55)

Name	Latitude	Longitude	Alti	Date	Comments
BF	-02 01' 37.97067"	30 20' 23.83062"	1645.65	2009/1/29	Kiyovu 14-4 11
BF	-02 01' 43.71174"	30 20' 32.18845"	1650.457	2009/1/29	Kindagarden 03
BF	-02 01' 44.92447"	30 19' 22.21568"	1618.493	2009/1/29	Gikoni 14A 21
BF	-02 01' 46.85868"	30 26' 55.07322"	1516.834	2008/12/4	MY-11
BF	-02 01' 49.48329"	30 33' 26.46580"	1687.948	2008/12/22	Cyinzovu 09
BF	-02 01' 49.73072"	30 28' 21.21697"	1553.845	2008/12/4	MY-28
BF	-02 01' 50.54785"	30 18' 26.82432"	1534.138	2009/1/29	Kibabara 23A 32
BF	-02 01' 54.91053"	30 23' 00.61220"	1538.945	2009/1/14	Karambi 16
BF	-02 01' 56.07347"	30 16' 25.74379"	1571.869	2009/2/5	Buiyuyyu Gishaka
BF	-02 02' 01.29976"	30 23' 11.90756"	1523.563	2009/1/14	14-jan-09 12:25:14pm
BF	-02 02' 03.86341"	30 31' 14.06698"	1531.735	2008/12/22	Murambi 19
BF	-02 02' 04.33595"	30 23' 29.88272"	1506.02	2009/1/14	Nyagatare 14
BF	-02 02' 05.76714"	30 19' 04.13915"	1538.945	2009/1/29	Rwagatsama 12-21 24
BF	-02 02' 07.12592"	30 26' 47.16802"	1497.368	2008/12/4	MY-10
BF	-02 02' 08.11203"	30 20' 55.80571"	1537.503	2009/1/29	Mubuga 14-5 05
BF	-02 02' 09.07401"	30 15' 13.52966"	1522.362	2009/2/2	Munini Nyarurembo
BF	-02 02' 12.78491"	30 31' 40.09760"	1556.008	2008/12/22	Batare 18
BF	-02 02' 13.77464"	30 40' 49.57774"	1395.949	2008/12/29	29-dec-08 .35
BF	-02 02' 13.93699"	30 18' 20.45592"	1505.539	2009/1/29	Kayibanda 16A 28
BF	-02 02' 14.11653"	30 33' 09.94716"	1657.667	2008/12/22	ES1 Cyinzovu 11
BF	-02 02' 16.15635"	30 33' 15.48788"	1681.459	2008/12/22	Ecole primairo Cyizovu 10
BF	-02 02' 18.90165"	30 26' 14.83325"	1496.887	2008/12/4	MY-09
BF	-02 02' 22.48099"	30 26' 32.07725"	1490.879	2008/12/4	MY-08
BF	-02 02' 23.25106"	30 28' 23.09477"	1515.873	2008/12/4	MY-29
BF	-02 02' 25.59142"	30 20' 21.26544"	1500.011	2009/1/22	Mutabo 37
BF	-02 02' 26.84518"	30 31' 57.50278"	1566.582	2008/12/22	Kabwra primerry school 17
BF	-02 02' 28.75344"	30 18' 53.30243"	1517.796	2009/1/29	Bicaca 13 25
BF	-02 02' 29.52773"	30 23' 58.10042"	1515.873	2009/1/14	Umareha 17
BF	-02 02' 30.77998"	30 15' 34.64510"	1523.083	2009/2/2	Munini Nyakagarama
BF	-02 02' 33.16651"	30 16' 28.24108"	1605.756	2009/2/2	Bihembe Rusheshe
BF	-02 02' 35.13059"	30 32' 50.06011"	1603.352	2008/12/22	Kabwra 13
BF	-02 02' 36.47458"	30 26' 30.98555"	1533.177	2008/12/4	MY-07
BF	-02 02' 36.64537"	30 21' 25.26962"	1464.924	2009/1/29	Mubuga 14-7bis 07
BF	-02 02' 40.51952"	30 19' 44.74394"	1412.532	2009/1/22	Cyerwa 39
BF	-02 02' 40.75307"	30 41' 59.45273"	1350.528	2008/12/29	29-dec-08 .39
BF	-02 02' 41.29230"	30 14' 18.65368"	1370.235	2009/2/2	Munini Nyiramitemeri
BF	-02 02' 44.58256"	30 37' 44.54134"	1446.418	2008/12/26	26-dec-08 .02
BF	-02 02' 47.24580"	30 26' 36.28604"	1535.58	2008/12/4	MY-06
BF	-02 02' 50.95217"	30 28' 16.83800"	1471.172	2008/12/4	MY-30
BF	-02 02' 51.12236"	30 42' 06.23966"	1334.426	2008/12/29	29-dec-08 .40
BF	-02 02' 51.39031"	30 28' 27.35184"	1464.443	2008/12/4	MY-31
BF	-02 02' 53.54902"	30 21' 59.54011"	1444.736	2009/1/29	Kamabuye 14-7 08
BF	-02 02' 54.11691"	30 20' 54.23057"	1551.922	2009/1/22	Mutabo 36
BF	-02 02' 54.89422"	30 14' 17.91528"	1355.815	2009/2/2	Gatare Karogo
BF	-02 02' 55.76476"	30 15' 50.77174"	1539.906	2009/2/2	Bihembe Ngarama
BF	-02 02' 57.46059"	30 26' 08.64258"	1444.976	2008/12/4	MY-05
BF	-02 03' 03.26502"	30 14' 51.03823"	1376.483	2009/2/2	Munini Rwamibungo
BF	-02 03' 06.74026"	30 49' 17.80342"	1305.827	2008/12/17	Gitoma 14
BF	-02 03' 08.37815"	30 17' 09.40531"	1559.613	2009/2/2	Bihembe Mubumbwe
BF	-02 03' 09.45569"	30 26' 26.24838"	1484.63	2008/12/4	MY-04
BF	-02 03' 10.23270"	30 26' 32.84552"	1491.84	2008/12/4	MY-03
BF	-02 03' 11.48405"	30 49' 24.25451"	1319.525	2008/12/17	Nushongi 13
BF	-02 03' 12.95477"	30 15' 14.21190"	1400.035	2009/2/2	Gatare Kigina
BF	-02 03' 14.84251"	30 47' 53.49397"	1301.501	2008/12/18	Military 04
BF	-02 03' 16.43514"	30 41' 03.13076"	1341.155	2008/12/24	24-dec-08 .21
BF	-02 03' 16.50273"	30 49' 17.53334"	1323.611	2008/12/17	Ngugu II 12
BF	-02 03' 17.19585"	30 37' 34.63010"	1480.304	2008/12/26	26-dec-08 .03
BF	-02 03' 17.40707"	30 18' 36.04604"	1473.816	2009/1/29	Bitega 12-22 27
BF	-02 03' 20.24290"	30 20' 38.98774"	1564.66	2009/1/22	34
BF	-02 03' 21.16595"	30 16' 34.02710"	1598.546	2009/2/2	Bihembe Bihembe
BF	-02 03' 22.89286"	30 40' 43.18007"	1366.149	2008/12/24	24-dec-08 .24
BF	-02 03' 23.24017"	30 41' 41.30196"	1309.912	2008/12/24	24-dec-08 .18
BF	-02 03' 23.39889"	30 41' 19.52869"	1326.735	2008/12/24	24-dec-08 .19
BF	-02 03' 23.56847"	30 37' 53.22839"	1462.521	2008/12/26	26-dec-08 33
BF	-02 03' 25.66231"	30 13' 49.84694"	1390.422	2009/2/2	Gatare Gatare
BF	-02 03' 29.87653"	30 14' 44.54941"	1420.703	2009/2/2	Gatare Samuduha
BF	-02 03' 31.23349"	30 21' 01.17410"	1497.849	2009/1/22	Kabeza 40
BF	-02 03' 37.66073"	30 40' 42.28356"	1372.878	2008/12/24	24-dec-08 .25
BF	-02 03' 39.97544"	30 37' 25.33865"	1494.484	2008/12/26	26-dec-08 .04
BF	-02 03' 40.35233"	30 40' 51.84660"	1352.69	2008/12/24	24-dec-08 .26
BF	-02 03' 41.09191"	30 47' 03.77336"	1324.092	2008/12/18	Military nowater 02
BF	-02 03' 41.25214"	30 15' 13.92944"	1491.119	2009/2/2	Gatare Samuduha
BF	-02 03' 41.44647"	30 29' 03.73456"	1430.076	2009/1/28	Bugera Cyakabiri
BF	-02 03' 43.98266"	30 41' 09.64039"	1330.1	2008/12/24	24-dec-08 .16
BF	-02 03' 44.45490"	30 13' 57.61726"	1417.579	2009/2/2	Gatare Gatare
BF	-02 03' 45.97662"	30 19' 32.68304"	1462.04	2009/1/22	Nyakabuye 31
BF	-02 03' 48.12145"	30 15' 04.90781"	1438.247	2009/2/2	Gatare Samuduha

4.1 Données de localisation de tous les ouvrages (18/55)

Name	Latitude	Longitude	Alti	Date	Comments
BF	-02 03' 50.68209"	30 26' 31.37993"	1431.278	2008/12/4	MY-02
BF	-02 03' 52.33567"	30 37' 49.67105"	1479.583	2008/12/26	26-dec-08 .06
BF	-02 03' 53.29191"	30 38' 26.46748"	1477.421	2008/12/26	26-dec-08 .30
BF	-02 03' 57.68778"	30 30' 13.89229"	1537.022	2009/1/28	Bugera Rwamutabazi
BF	-02 03' 59.56315"	30 20' 39.89119"	1498.57	2009/1/22	Bicaca 32
BF	-02 04' 03.31811"	30 28' 17.13493"	1452.667	2008/12/30	Rwakanwra nouse 08
BF	-02 04' 03.58274"	30 18' 29.33276"	1396.671	2009/1/22	Kabasore 07
BF	-02 04' 06.17355"	30 30' 38.02342"	1524.765	2009/1/28	Bugera Rwamutabazi
BF	-02 04' 06.19286"	30 26' 29.78095"	1408.927	2008/12/4	MY-01
BF	-02 04' 07.14639"	30 44' 16.09505"	1316.401	2008/12/18	18-dec-08 .15
BF	-02 04' 09.15392"	30 21' 37.84622"	1434.402	2009/1/22	Kajevuba 42
BF	-02 04' 09.28458"	30 16' 14.97047"	1652.379	2009/2/2	Rwimbogo Rwimbogo
BF	-02 04' 11.49308"	30 40' 50.00200"	1330.34	2008/12/24	24-dec-08 .14
BF	-02 04' 12.58028"	30 16' 37.91543"	1635.076	2009/2/2	Rwimbogo Kimicamga
BF	-02 04' 12.68498"	30 16' 37.74374"	1632.192	2009/1/22	15 another sector
BF	-02 04' 12.70580"	30 20' 40.26293"	1489.437	2009/1/22	Bicaca 33
BF	-02 04' 13.19615"	30 16' 03.53690"	1634.595	2009/2/2	Rwimbogo Rwimbogo
BF	-02 04' 14.97103"	30 43' 12.17986"	1356.295	2008/12/18	18-dec-08 .10
BF	-02 04' 16.10711"	30 37' 41.15780"	1482.227	2008/12/26	26-dec-08 .08
BF	-02 04' 16.60892"	30 19' 05.34252"	1428.154	2009/1/22	Kabasore 06
BF	-02 04' 21.06243"	30 18' 13.43876"	1460.357	2009/1/22	Nyabubare 08
BF	-02 04' 21.99905"	30 43' 14.21728"	1357.257	2008/12/18	18-dec-08 .11
BF	-02 04' 23.67829"	30 37' 13.19722"	1492.562	2008/12/26	26-dec-08 .09
BF	-02 04' 24.96192"	30 39' 40.59803"	1540.627	2008/12/23	23-dec-08 .06
BF	-02 04' 26.13573"	30 17' 55.61477"	1507.702	2009/1/22	Kawyanzezi 47
BF	-02 04' 26.18431"	30 17' 07.28945"	1589.414	2009/1/22	Ryamugabo 14
BF	-02 04' 28.10765"	30 15' 22.22453"	1546.154	2009/2/2	Rwimbogo Kamashaza
BF	-02 04' 31.69363"	30 28' 01.70864"	1537.262	2008/12/30	nouse 10
BF	-02 04' 32.49598"	30 31' 17.84730"	1533.898	2009/1/28	Bugera Kiyovu
BF	-02 04' 34.32880"	30 19' 36.91808"	1346.682	2009/1/22	Cyanyirampazi nouse 46
BF	-02 04' 35.81974"	30 18' 37.53878"	1487.274	2009/1/22	Ntebe nouse 29
BF	-02 04' 37.20235"	30 31' 25.36716"	1534.378	2009/1/28	for school
BF	-02 04' 37.71170"	30 16' 45.63084"	1584.366	2009/1/22	Nkorigi 17
BF	-02 04' 37.88672"	30 28' 01.37975"	1540.627	2008/12/30	nouse Sante de Kirwa 14
BF	-02 04' 38.75998"	30 28' 02.94161"	1537.743	2008/12/30	nouse 11
BF	-02 04' 38.79076"	30 31' 24.76607"	1532.696	2009/1/28	for school
BF	-02 04' 38.79739"	30 31' 28.90153"	1532.936	2009/1/28	for school
BF	-02 04' 38.87042"	30 43' 57.54230"	1301.02	2008/12/18	18-dec-08 .17
BF	-02 04' 38.91085"	30 28' 02.12534"	1538.945	2008/12/30	nouse Sante de Kirwa 13
BF	-02 04' 39.43740"	30 28' 01.04873"	1537.983	2008/12/30	nouse Sante de Kirwa 12
BF	-02 04' 40.22889"	30 31' 26.64174"	1533.177	2009/1/28	for school
BF	-02 04' 43.45820"	30 40' 30.37145"	1347.163	2008/12/24	24-dec-08 .28
BF	-02 04' 44.13442"	30 21' 11.31707"	1408.687	2009/1/22	Cyarugaju 44
BF	-02 04' 45.63109"	30 31' 41.83900"	1528.37	2009/1/28	Bugera Kiyovu
BF	-02 04' 45.90297"	30 37' 43.60440"	1507.221	2008/12/26	26-dec-08 .17
BF	-02 04' 47.07436"	30 41' 05.91983"	1320.727	2008/12/24	24-dec-08 .12
BF	-02 04' 48.88605"	30 17' 43.27084"	1546.154	2009/1/22	Feri 12
BF	-02 04' 49.81393"	30 50' 54.10856"	1327.456	2008/12/18	Busasamana1 22
BF	-02 04' 50.75177"	30 08' 45.82082"	1432.96	2009/3/11	11-mar-09 .03
BF	-02 04' 50.76203"	30 50' 48.28088"	1342.597	2008/12/18	Busasamama2 20
BF	-02 04' 51.12443"	30 38' 27.01878"	1630.029	2008/12/26	26-dec-08 .28
BF	-02 04' 52.38241"	30 33' 10.37804"	1699.724	2008/12/29	Gatare nouse 04
BF	-02 04' 52.99195"	30 37' 49.30050"	1503.376	2008/12/26	26-dec-08 .19
BF	-02 04' 55.53810"	30 32' 03.72725"	1531.494	2009/1/28	Bugera Kiyovu
BF	-02 04' 55.66423"	30 18' 18.11344"	1506.5	2009/1/22	Nyabubare 10
BF	-02 04' 57.90562"	30 18' 32.78866"	1516.113	2009/1/22	2
BF	-02 04' 59.19529"	30 41' 29.94475"	1314.238	2008/12/24	24-dec-08 .10
BF	-02 05' 00.07217"	30 11' 11.66161"	1433.921	2009/3/13	13-mar-09 .07
BF	-02 05' 01.26951"	30 40' 22.74265"	1355.574	2008/12/24	24-dec-08 .30
BF	-02 05' 02.18079"	30 42' 51.48475"	1311.835	2008/12/18	18-dec-08 .08
BF	-02 05' 02.58272"	30 32' 45.44851"	1637.479	2008/12/29	Gisunzil 03
BF	-02 05' 03.96895"	30 18' 20.04552"	1516.113	2009/1/22	Rebero 50
BF	-02 05' 08.69584"	30 08' 25.21622"	1435.123	2009/3/11	11-mar-09 .04
BF	-02 05' 10.15570"	30 02' 06.20441"	1466.606	2009/3/12	12-mar-09 .06
BF	-02 05' 12.04465"	30 15' 13.82537"	1451.946	2009/2/2	Rwimbogo Kamashaza
BF	-02 05' 12.84670"	30 19' 49.61806"	1404.361	2009/1/22	Cyanyiranopazi 43
BF	-02 05' 13.24138"	30 16' 54.84504"	1505.058	2009/1/22	nouse 20
BF	-02 05' 14.42182"	30 18' 00.21100"	1541.348	2009/1/22	Feri 11
BF	-02 05' 15.24288"	30 47' 50.76647"	1327.216	2008/12/17	Mishenyi nowater 17
BF	-02 05' 15.39798"	30 47' 44.67264"	1324.332	2008/12/17	Mishenyi 16
BF	-02 05' 15.58778"	30 19' 02.63824"	1399.074	2009/1/22	Ipide 05
BF	-02 05' 19.19337"	30 16' 55.73489"	1488.476	2009/1/22	Kiyaya 24
BF	-02 05' 20.29536"	30 40' 18.13040"	1364.467	2008/12/24	24-dec-08 .32
BF	-02 05' 21.77815"	30 47' 43.99976"	1328.898	2008/12/17	Kayauga nowater 18
BF	-02 05' 23.88707"	30 05' 17.50632"	1406.764	2009/3/12	12-mar-09 .09
BF	-02 05' 23.90729"	30 36' 54.18432"	1527.649	2008/12/26	26-dec-08 .11
BF	-02 05' 23.91000"	30 27' 10.72490"	1367.351	2009/1/5	21

4.1 Données de localisation de tous les ouvrages (19/55)

Name	Latitude	Longitude	Alti	Date	Comments
BF	-02 05' 26.32339"	30 39' 38.58656"	1448.822	2008/12/24	24-dec-08 .05
BF	-02 05' 26.35628"	30 41' 15.26320"	1329.138	2008/12/18	18-dec-08 .24
BF	-02 05' 26.91361"	30 50' 42.52294"	1356.055	2008/12/18	Pilote 15
BF	-02 05' 27.39580"	30 46' 37.22131"	1324.572	2008/12/17	Kabuye I 03
BF	-02 05' 28.14022"	30 32' 50.30423"	1649.255	2008/12/30	Nyamafa from Remera 25
BF	-02 05' 28.53641"	30 36' 58.01713"	1516.594	2008/12/26	26-dec-08 .13
BF	-02 05' 30.07865"	30 32' 48.60992"	1646.371	2008/12/30	Nyamafa 24
BF	-02 05' 30.86953"	30 41' 46.00050"	1313.277	2008/12/18	18-dec-08 .23
BF	-02 05' 31.32547"	30 50' 55.51138"	1354.854	2008/12/18	Nibanda 16
BF	-02 05' 32.61907"	30 32' 47.10206"	1643.727	2008/12/30	Nyamafa 23
BF	-02 05' 33.85232"	30 07' 49.18174"	1404.361	2009/3/11	11-mar-09 .05
BF	-02 05' 34.08527"	30 46' 43.66934"	1334.426	2008/12/17	Mpanga 02
BF	-02 05' 34.63143"	30 03' 15.08123"	1434.162	2009/3/12	12-mar-09 .05
BF	-02 05' 35.45490"	30 51' 07.95852"	1369.994	2008/12/18	Mutvie 17
BF	-02 05' 36.20203"	30 18' 19.50602"	1400.516	2009/1/22	4
BF	-02 05' 37.84777"	30 37' 53.55214"	1589.894	2008/12/26	26-dec-08 .23
BF	-02 05' 38.73250"	30 41' 26.68376"	1320.006	2008/12/18	18-dec-08 .22
BF	-02 05' 45.29311"	30 17' 40.42205"	1463.001	2009/1/22	Bwiza 26
BF	-02 05' 45.75961"	30 51' 07.93678"	1392.585	2008/12/18	for school 19
BF	-02 05' 46.27772"	30 16' 30.32375"	1448.822	2009/1/22	Kagesi 22
BF	-02 05' 49.96478"	30 22' 29.10695"	1420.703	2009/1/16	Akabeza 16
BF	-02 05' 55.09149"	30 22' 35.67724"	1414.695	2009/1/16	for prim. school 17
BF	-02 05' 56.12800"	30 38' 59.90122"	1579.56	2008/12/24	24-dec-08 .07
BF	-02 05' 56.23904"	30 17' 58.57343"	1407.726	2009/1/22	Byimana 28
BF	-02 05' 59.13100"	30 41' 21.74744"	1328.417	2008/12/18	18-dec-08 .21
BF	-02 06' 00.24566"	30 42' 00.98532"	1319.766	2008/12/18	18-dec-08 .18
BF	-02 06' 01.71698"	30 22' 48.90256"	1420.463	2009/1/16	Akinteko nouse 15
BF	-02 06' 02.12042"	30 37' 20.82691"	1611.523	2008/12/26	26-dec-08 .21
BF	-02 06' 04.71636"	30 02' 58.08646"	1417.819	2009/3/12	12-mar-09 .08
BF	-02 06' 06.96409"	30 26' 37.14515"	1380.809	2009/1/5	18
BF	-02 06' 07.63427"	30 23' 07.80288"	1421.905	2009/1/16	Kiyovu 14
BF	-02 06' 10.87686"	30 41' 26.91701"	1333.705	2008/12/18	18-dec-08 .06
BF	-02 06' 10.93419"	30 41' 34.09681"	1336.348	2008/12/18	18-dec-08 .20
BF	-02 06' 12.73563"	30 11' 46.17229"	1457.954	2009/3/13	13-mar-09 .02
BF	-02 06' 15.76700"	30 23' 38.99342"	1425.51	2009/1/16	for prim. school 19
BF	-02 06' 16.36506"	30 36' 48.81985"	1497.849	2008/12/26	26-dec-08 .15
BF	-02 06' 17.17586"	30 45' 49.03387"	1320.006	2008/12/17	Rurawbi I 05
BF	-02 06' 17.23168"	30 45' 49.19260"	1312.796	2008/12/17	17-dec-08.42
BF	-02 06' 17.94109"	30 33' 11.23502"	1673.528	2008/12/29	10
BF	-02 06' 18.09710"	30 41' 38.32944"	1336.589	2008/12/17	17-dec-08 .52
BF	-02 06' 20.36232"	30 41' 26.78060"	1353.411	2008/12/18	18-dec-08 .04
BF	-02 06' 21.04307"	30 23' 40.88868"	1433.921	2009/1/16	Icocatoro 13
BF	-02 06' 21.57505"	30 17' 35.74493"	1404.121	2009/1/22	Rukori 27
BF	-02 06' 21.99750"	30 41' 22.28003"	1366.149	2008/12/18	18-dec-08 .02
BF	-02 06' 26.53731"	30 25' 13.86646"	1441.852	2009/1/12	Ikiyovu nouse 11
BF	-02 06' 27.61545"	30 25' 10.67938"	1441.372	2009/1/12	for school 12
BF	-02 06' 30.97301"	30 42' 25.86236"	1310.393	2008/12/17	17-dec-08 .40
BF	-02 06' 37.98564"	30 22' 21.67306"	1412.532	2009/1/16	Centoro de sante de Hyange 04
BF	-02 06' 38.21165"	30 43' 49.74002"	1315.44	2008/12/17	17-dec-08 .46
BF	-02 06' 40.51007"	30 50' 37.10292"	1322.89	2008/12/18	Nyawera 14
BF	-02 06' 41.52274"	30 16' 50.97479"	1471.893	2009/1/22	Kangomba nouse 23
BF	-02 06' 42.12141"	30 22' 22.33448"	1418.781	2009/1/16	Cetro de sante 05
BF	-02 06' 42.68658"	30 22' 06.40880"	1412.772	2009/1/16	Rusabe nouse 07
BF	-02 06' 44.40112"	30 43' 11.92127"	1314.479	2008/12/17	17-dec-08 .51
BF	-02 06' 46.25567"	30 40' 32.82434"	1415.176	2008/12/18	18-dec-08 .28
BF	-02 06' 47.18807"	30 03' 01.26115"	1430.316	2009/3/12	12-mar-09 .02
BF	-02 06' 47.38903"	30 22' 24.54964"	1419.982	2009/1/16	for prim. school 06
BF	-02 06' 51.23029"	30 23' 24.63623"	1425.269	2009/1/16	house conect 11
BF	-02 06' 52.06101"	30 23' 24.63680"	1427.432	2009/1/16	Icocatoro nouse 10
BF	-02 06' 53.21368"	30 23' 48.01628"	1422.145	2009/1/16	Icocatoro 12
BF	-02 06' 54.09479"	30 21' 57.48462"	1416.137	2009/1/16	Ntarama 03
BF	-02 06' 54.23993"	30 22' 58.04404"	1418.54	2009/1/16	Save 09
BF	-02 06' 55.39774"	30 25' 26.54411"	1458.194	2009/1/12	Agatare nouse 08
BF	-02 06' 59.19162"	30 44' 07.46923"	1332.503	2008/12/17	17-dec-08 .44
BF	-02 07' 00.18196"	30 41' 29.78002"	1454.589	2008/12/17	17-dec-08 .36
BF	-02 07' 02.90585"	30 21' 38.82841"	1407.245	2009/1/16	Agatare nouse 02
BF	-02 07' 06.78573"	30 40' 39.88074"	1419.021	2008/12/18	18-dec-08 .26
BF	-02 07' 07.26128"	30 43' 31.00505"	1330.1	2008/12/17	17-dec-08 .48
BF	-02 07' 10.88076"	30 43' 45.29615"	1370.235	2008/12/17	17-dec-08 .49
BF	-02 07' 16.32792"	30 41' 58.19564"	1490.638	2008/12/17	17-dec-08 .29
BF	-02 07' 18.01952"	30 24' 06.29744"	1436.565	2009/1/16	Gishandaro nouse 24
BF	-02 07' 19.62634"	30 24' 31.29761"	1441.852	2009/1/16	Nyawabuye 30
BF	-02 07' 20.91510"	30 41' 19.07639"	1509.865	2008/12/17	17-dec-08 .34
BF	-02 07' 20.96308"	30 40' 15.51788"	1616.57	2008/12/18	18-dec-08 .34
BF	-02 07' 21.34811"	30 25' 31.30662"	1478.622	2009/1/12	Akabuga 06
BF	-02 07' 25.43650"	30 12' 19.34773"	1447.38	2009/3/13	13-mar-09.03
BF	-02 07' 25.99957"	30 24' 57.58020"	1444.255	2009/1/16	for school 32

4.1 Données de localisation de tous les ouvrages (20/55)

Name	Latitude	Longitude	Alti	Date	Comments
BF	-02 07' 28.30915"	30 24' 55.03043"	1446.659	2009/1/16	Nyawabuye 31
BF	-02 07' 34.94701"	30 26' 50.66948"	1560.334	2009/1/5	Rusumbantwari 04
BF	-02 07' 38.00433"	30 40' 18.82535"	1636.758	2008/12/18	18-dec-08 .32
BF	-02 07' 44.85493"	30 25' 31.53536"	1495.205	2009/1/12	Irebeno 05
BF	-02 07' 47.23783"	30 06' 15.29780"	1361.823	2009/3/10	10-mar-09 .21
BF	-02 07' 47.74960"	30 37' 58.40818"	1647.092	2009/1/15	Korandoebo 17
BF	-02 07' 52.58331"	30 23' 36.18985"	1407.726	2009/1/16	Gishandaro 25
BF	-02 07' 54.24534"	30 25' 15.94099"	1472.854	2009/1/16	Ruiwibirwa nouse 33
BF	-02 07' 54.31323"	30 51' 04.48358"	1340.194	2008/12/18	Gasasa 11
BF	-02 07' 55.42397"	30 42' 54.43495"	1485.592	2008/12/17	17-dec-08 .28
BF	-02 08' 06.90097"	30 25' 28.50611"	1492.081	2009/1/12	nouse 16
BF	-02 08' 10.60041"	30 42' 33.21299"	1562.977	2008/12/17	17-dec-08 .21
BF	-02 08' 11.90638"	30 13' 25.74116"	1345.24	2009/3/13	13-mar-09 .05
BF	-02 08' 14.57142"	30 23' 24.36706"	1411.09	2009/1/16	Rugarama 26
BF	-02 08' 15.50262"	30 25' 52.39794"	1545.674	2009/1/13	Rebero nouse 02
BF	-02 08' 15.57202"	30 51' 05.16038"	1356.295	2008/12/18	nowater 10
BF	-02 08' 16.57775"	30 42' 20.43875"	1588.212	2008/12/17	17-dec-08 .25
BF	-02 08' 28.70894"	30 23' 07.76184"	1411.09	2009/1/16	Rugarama 27
BF	-02 08' 29.82662"	30 05' 14.46169"	1426.231	2009/3/10	10-mar-09 .20
BF	-02 08' 32.91230"	30 27' 01.38640"	1530.533	2009/1/5	Kigobe 05
BF	-02 08' 33.53631"	30 37' 28.01608"	1645.169	2009/1/15	Agatare 16
BF	-02 08' 34.06981"	30 22' 47.52959"	1407.245	2009/1/16	for prim. school 29
BF	-02 08' 36.22007"	30 22' 48.56700"	1407.245	2009/1/16	Rugarama 28
BF	-02 08' 36.48892"	30 25' 59.79472"	1539.425	2009/1/13	Jyambere nouse 03
BF	-02 08' 37.46055"	30 06' 06.40919"	1405.803	2009/3/10	10-mar-09 .06
BF	-02 08' 40.10085"	30 26' 13.21256"	1521.881	2009/1/13	Kizenga 04
BF	-02 08' 47.08784"	30 26' 25.30028"	1508.904	2009/1/5	Umurehe 16
BF	-02 08' 58.64662"	30 27' 00.02250"	1543.03	2009/1/5	Kigobe 07
BF	-02 09' 12.11697"	30 27' 21.42371"	1509.625	2009/1/5	8
BF	-02 09' 13.38824"	30 37' 16.60876"	1633.153	2009/1/15	Rubagabaga 14
BF	-02 09' 14.49264"	30 37' 49.35724"	1586.049	2009/1/15	Bweranka 20
BF	-02 09' 16.49504"	30 01' 42.73140"	1388.499	2009/3/16	16-mar-09 .09
BF	-02 09' 18.11362"	30 25' 47.87774"	1481.506	2009/1/13	for Zaza A Prim. school 15
BF	-02 09' 19.76509"	30 25' 47.83188"	1479.583	2009/1/13	nouse 14
BF	-02 09' 20.15254"	30 25' 40.62792"	1469.97	2009/1/13	Kabeza 09
BF	-02 09' 22.04269"	30 36' 24.23128"	1581.723	2009/1/15	Kabimba 10
BF	-02 09' 26.25570"	30 36' 39.34404"	1610.802	2009/1/15	Ruganama 11
BF	-02 09' 27.55051"	30 27' 30.31261"	1499.771	2009/1/5	for school 12
BF	-02 09' 29.70559"	30 50' 53.87982"	1313.998	2009/1/28	Rubaya Byimana 2000Rwf/Y/F
BF	-02 09' 29.78224"	30 29' 52.37822"	1507.702	2008/12/31	Rwakawra 06
BF	-02 09' 34.38330"	30 24' 58.60282"	1418.3	2009/1/13	Amahoro 13
BF	-02 09' 37.49795"	30 27' 37.23563"	1508.663	2009/1/5	9
BF	-02 09' 40.92491"	30 45' 14.39345"	1734.812	2009/1/27	Rutungu/Nyarutungu
BF	-02 09' 44.03804"	30 18' 43.06111"	1365.909	2009/1/19	nouse 08
BF	-02 09' 44.13279"	30 18' 43.08282"	1367.351	2009/1/19	Rwimpongo1/rwintashya
BF	-02 09' 44.20461"	30 45' 29.66375"	1716.547	2009/1/27	Rutungu/Nyarutungu
BF	-02 09' 44.39652"	30 25' 54.41210"	1458.915	2009/1/13	Kacyiru nouse 16
BF	-02 09' 44.79332"	30 38' 04.72650"	1599.267	2009/1/15	Mirambi 22
BF	-02 09' 49.42999"	30 31' 19.25677"	1639.161	2009/1/21	Karenge/Karama/15rwf
BF	-02 09' 49.94447"	30 21' 38.09426"	1404.842	2009/1/13	Umukoma 30
BF	-02 09' 50.30657"	30 45' 43.85740"	1719.911	2009/1/27	Bugarura/Nyarutungu
BF	-02 09' 50.56999"	30 22' 27.32966"	1393.546	2009/1/13	Umuvugagoma 36
BF	-02 09' 54.78240"	30 19' 02.89564"	1390.422	2009/1/19	Rwintashya/Rwimpongo1/not func
BF	-02 09' 54.82676"	30 19' 02.87540"	1398.593	2009/1/19	nouse 04
BF	-02 09' 55.13123"	30 36' 01.71900"	1593.98	2009/1/15	Kanzenze 08
BF	-02 09' 55.53014"	30 46' 03.68195"	1722.315	2009/1/27	school taps/Remera/Nyarutungu
BF	-02 09' 58.02409"	30 25' 49.93234"	1442.333	2009/1/13	Ituze 20
BF	-02 09' 59.28630"	30 04' 04.93972"	1432.239	2009/3/10	10-mar-09 .13
BF	-02 10' 02.26034"	30 22' 04.17166"	1404.842	2009/1/13	Akabungo 31
BF	-02 10' 04.48633"	30 37' 13.91898"	1534.378	2009/1/15	Cyabayagara nowater 33
BF	-02 10' 05.70540"	30 28' 28.75314"	1488.476	2008/12/31	Kibimba 11
BF	-02 10' 06.65289"	30 35' 49.62282"	1592.057	2009/1/15	Kanzenze for school 35
BF	-02 10' 07.20328"	30 46' 11.67467"	1723.757	2009/1/27	Remera/Nyarutungu/30F
BF	-02 10' 07.58197"	30 38' 31.90135"	1625.463	2009/1/15	Rwagakobe 27
BF	-02 10' 08.62844"	30 19' 51.68744"	1373.599	2009/1/19	Rwimpongo/Rwintashya/not func
BF	-02 10' 08.94889"	30 19' 51.68021"	1373.599	2009/1/19	nouse 09
BF	-02 10' 10.29741"	30 22' 27.74788"	1419.021	2009/1/13	Isengano 33
BF	-02 10' 10.54605"	30 19' 59.07425"	1368.072	2009/1/19	Rukumberi/Ntovi
BF	-02 10' 10.59644"	30 19' 58.94663"	1371.436	2009/1/19	10
BF	-02 10' 10.71654"	30 28' 57.21859"	1394.027	2008/12/31	Rwamyamigono 13
BF	-02 10' 11.47453"	30 19' 37.96003"	1381.049	2009/1/19	7
BF	-02 10' 11.54514"	30 19' 38.08675"	1382.01	2009/1/19	Rwimpongo2/Rwintashya/not func
BF	-02 10' 12.89697"	30 23' 15.28112"	1391.864	2009/1/13	Ubumwe 35
BF	-02 10' 13.68725"	30 46' 16.94140"	1738.417	2009/1/27	Remera/Nyarutungu/30F
BF	-02 10' 13.89515"	30 50' 20.68177"	1353.411	2009/1/28	Rubaya Muramba
BF	-02 10' 13.89847"	30 50' 30.96899"	1352.931	2009/1/28	Rubaya Murambi
BF	-02 10' 15.40782"	30 50' 25.55592"	1349.566	2009/1/28	Rubaya Murambe

4.1 Données de localisation de tous les ouvrages (21/55)

Name	Latitude	Longitude	Alti	Date	Comments
BF	-02 10' 15.51072"	30 37' 19.36978"	1522.362	2009/1/15	Karuruma nowater 34
BF	-02 10' 15.55598"	30 25' 29.19349"	1424.548	2009/1/13	Nyagahinga 21
BF	-02 10' 15.86044"	30 19' 36.35623"	1384.173	2009/1/19	6
BF	-02 10' 16.88488"	30 19' 36.38730"	1383.452	2009/1/19	Rwintashya/Rwimpongo 1
BF	-02 10' 17.60757"	30 19' 27.50020"	1382.731	2009/1/19	for school 15
BF	-02 10' 17.69025"	30 19' 27.54548"	1380.569	2009/1/19	Rwimpongo/Rwintashya/Rukumberi school
BF	-02 10' 19.56169"	30 38' 33.65725"	1621.617	2009/1/15	Rwagakobe 28
BF	-02 10' 21.97477"	30 22' 57.17046"	1395.709	2009/1/13	Isangano 34
BF	-02 10' 22.67151"	30 28' 12.38149"	1493.282	2008/12/31	Rbanbantane 16
BF	-02 10' 26.33172"	30 25' 09.20564"	1404.842	2009/1/13	Nyagahinga 22
BF	-02 10' 28.00160"	30 35' 43.50851"	1566.582	2009/1/15	Kanzenze 06
BF	-02 10' 29.21885"	30 19' 34.84657"	1385.856	2009/1/19	Maswai/Rubona/(H.C)
BF	-02 10' 29.33532"	30 19' 34.82879"	1391.383	2009/1/19	for health 11
BF	-02 10' 31.26923"	30 23' 30.03720"	1395.229	2009/1/13	Ubumwe 37
BF	-02 10' 31.86730"	30 19' 39.55778"	1385.856	2009/1/19	16
BF	-02 10' 32.04020"	30 19' 39.39935"	1383.452	2009/1/19	Rwimpongo/Rwintashya
BF	-02 10' 32.17055"	30 37' 49.98608"	1536.781	2009/1/15	Ruhama 31
BF	-02 10' 37.32683"	30 38' 11.63231"	1582.924	2009/1/15	Ruhama 30
BF	-02 10' 38.75109"	30 38' 40.04012"	1583.165	2009/1/15	Rwagakobe 29
BF	-02 10' 41.12072"	30 29' 47.94436"	1494.244	2009/1/22	Umukumba/Umukumba/Free/1996/constructed by Care international/cell has committee
BF	-02 10' 42.42005"	30 19' 46.87608"	1376.964	2009/1/19	Rwimpongo/rwintashya
BF	-02 10' 42.64364"	30 50' 19.05774"	1311.835	2009/1/28	Rubaya Muramba for school
BF	-02 10' 42.67744"	30 19' 47.28796"	1378.886	2009/1/19	18
BF	-02 10' 43.23235"	30 02' 20.53896"	1424.789	2009/3/16	16-mar-09 .01
BF	-02 10' 45.74863"	30 29' 19.34189"	1456.272	2009/1/21	Kabaya/Umukumba/Free
BF	-02 10' 45.87476"	30 06' 10.98551"	1514.431	2009/3/10	10-mar-09 .05
BF	-02 10' 50.72869"	30 24' 47.66202"	1387.057	2009/1/13	Makoma 23
BF	-02 10' 52.13031"	30 19' 11.07120"	1384.173	2009/1/19	Maswai/Rubona/reaking
BF	-02 10' 52.15566"	30 19' 11.06368"	1386.336	2009/1/19	12
BF	-02 10' 52.55246"	30 23' 48.23174"	1403.159	2009/1/13	Nyagahandagazi 38
BF	-02 10' 56.20301"	30 03' 35.18762"	1437.767	2009/3/17	17-mar-09 .01
BF	-02 10' 58.30529"	30 19' 52.33048"	1362.544	2009/1/19	Ntovi/Ntovi
BF	-02 10' 58.38616"	30 19' 52.39142"	1366.149	2009/1/19	19
BF	-02 11' 01.39701"	30 29' 02.72339"	1338.752	2009/1/22	Kabaya/Umukumba/not use(broken tap)
BF	-02 11' 05.65951"	30 30' 56.46960"	1643.727	2009/1/22	Rango/Karama/15rwf
BF	-02 11' 07.25968"	30 20' 46.55260"	1386.577	2009/1/19	24
BF	-02 11' 07.30585"	30 20' 46.60660"	1389.22	2009/1/19	Rugenda2/Rubona
BF	-02 11' 07.56203"	30 25' 08.45670"	1374.08	2009/1/13	Agasave nouse 24
BF	-02 11' 08.03095"	30 01' 32.78456"	1477.421	2009/3/16	16-mar-09 .04
BF	-02 11' 08.09522"	30 18' 49.14979"	1382.491	2009/1/19	Maswai/Rubona/reaking
BF	-02 11' 08.10669"	30 18' 49.18838"	1382.972	2009/1/19	13
BF	-02 11' 10.05568"	30 20' 00.12102"	1365.909	2009/1/19	Kagarama/Rubona/not func
BF	-02 11' 10.06323"	30 20' 00.20400"	1373.599	2009/1/19	nouse 21
BF	-02 11' 10.18725"	30 23' 57.58897"	1394.988	2009/1/13	Sangaza Health centre 39
BF	-02 11' 10.18906"	30 24' 00.11308"	1393.065	2009/1/13	Health centre 40
BF	-02 11' 11.98054"	30 21' 09.45652"	1389.941	2009/1/19	27
BF	-02 11' 12.01463"	30 21' 09.42512"	1391.624	2009/1/19	Akabungo/Rubago
BF	-02 11' 13.33207"	30 19' 57.86396"	1367.591	2009/1/19	nouse 22
BF	-02 11' 13.33841"	30 19' 57.80420"	1366.87	2009/1/19	Kagarama/Rubona/not func
BF	-02 11' 14.59217"	30 21' 40.74088"	1389.701	2009/1/19	Rubago/Rubago
BF	-02 11' 14.97660"	30 09' 20.25698"	1438.007	2009/3/23	
BF	-02 11' 15.09368"	30 31' 20.19428"	1636.277	2009/1/21	Rango/Karama/15rwf
BF	-02 11' 16.45879"	30 50' 00.72413"	1328.177	2009/1/28	Rubaya Akinzuki
BF	-02 11' 17.51641"	30 18' 38.45822"	1376.723	2009/1/19	Maswai/Rubona/not func
BF	-02 11' 17.52848"	30 18' 38.41387"	1380.809	2009/1/19	nouse 14
BF	-02 11' 17.56530"	30 25' 04.67069"	1377.444	2009/1/13	Nyarutega nouse 25
BF	-02 11' 19.54658"	30 22' 10.95737"	1389.22	2009/1/19	32
BF	-02 11' 21.97807"	30 50' 00.42900"	1328.898	2009/1/28	Rubaya Kabeza
BF	-02 11' 25.55379"	30 35' 27.19748"	1606.957	2009/1/15	Rurama 02
BF	-02 11' 25.95119"	30 30' 39.17520"	1618.974	2009/1/22	Kagusa/Karama/15rwf
BF	-02 11' 26.49645"	30 24' 15.34262"	1393.786	2009/1/13	Gasebeya 29
BF	-02 11' 27.37937"	30 21' 15.70388"	1375.522	2009/1/19	Kavumve/Rubago/not func
BF	-02 11' 27.41980"	30 21' 15.66950"	1372.638	2009/1/19	28
BF	-02 11' 28.15577"	30 31' 52.93340"	1645.89	2009/1/21	Gahurire/Mpandu/15rwf
BF	-02 11' 28.96264"	30 49' 58.47186"	1333.705	2009/1/28	Rubaya Mumpinga
BF	-02 11' 31.49854"	30 23' 27.08308"	1367.11	2009/1/13	Karange 45
BF	-02 11' 33.46835"	30 20' 23.24976"	1384.895	2009/1/19	for school 25
BF	-02 11' 34.14849"	30 30' 33.60038"	1627.145	2009/1/21	Kazo primary school/Kazo/Umukamba
BF	-02 11' 34.73660"	30 20' 22.52555"	1385.375	2009/1/19	Rugenda2/Rubona/school
BF	-02 11' 35.23086"	30 22' 30.52758"	1385.375	2009/1/19	Nyagitabire/Rubago/not func
BF	-02 11' 35.29363"	30 22' 30.54418"	1386.817	2009/1/19	nouse 34
BF	-02 11' 43.65417"	30 35' 25.06474"	1591.096	2009/1/15	Rurama 04
BF	-02 11' 43.90885"	30 30' 31.17103"	1637.479	2009/1/21	Kazo/Umukamba/15rwf
BF	-02 11' 44.46256"	30 07' 21.64415"	1483.188	2009/3/23	Gakamba
BF	-02 11' 48.36296"	30 49' 33.57278"	1354.133	2009/1/27	Saruhembe Nyagahanga
BF	-02 11' 48.47943"	30 24' 27.82084"	1436.325	2009/1/13	Ubususamana 42

4.1 Données de localisation de tous les ouvrages (22/55)

Name	Latitude	Longitude	Alti	Date	Comments
BF	-02 11' 49.83972"	30 23' 51.56455"	1384.654	2009/1/13	Rushubi 44
BF	-02 11' 50.50537"	30 01' 10.00556"	1471.653	2009/3/17	17-mar-09 .16
BF	-02 11' 51.67344"	30 21' 06.05790"	1361.342	2009/1/19	nouse 29
BF	-02 11' 51.70513"	30 21' 06.06092"	1366.87	2009/1/19	Kavumve/Rubago/not func
BF	-02 11' 58.22169"	30 08' 10.72716"	1479.824	2009/3/23	
BF	-02 11' 58.41662"	30 49' 57.98032"	1318.564	2009/1/27	Saruhembe Rushonga
BF	-02 12' 00.13055"	30 24' 22.97207"	1453.388	2009/1/13	Rugaramo 43
BF	-02 12' 02.08558"	30 22' 53.43902"	1374.801	2009/1/20	Catholic Church/Isangano/Rukoma
BF	-02 12' 02.79046"	30 24' 33.54833"	1462.521	2009/1/13	Rugarama 46
BF	-02 12' 04.78170"	30 22' 50.35879"	1377.925	2009/1/20	ecole primaire de Rukoma/Isangano/no func
BF	-02 12' 10.49169"	30 35' 17.61968"	1600.228	2009/1/21	Kigabiro Kigabiro
BF	-02 12' 10.53423"	30 21' 05.07694"	1358.458	2009/1/19	Rubago/Rubago
BF	-02 12' 10.54570"	30 21' 05.11312"	1356.055	2009/1/19	nouse 30
BF	-02 12' 18.31814"	30 05' 45.19266"	1461.559	2009/3/23	Kibemga
BF	-02 12' 18.65398"	30 49' 44.31745"	1336.108	2009/1/27	saruhembe Nyamiyumbu
BF	-02 12' 18.91469"	30 24' 33.83348"	1453.388	2009/1/13	Rugarama 47
BF	-02 12' 22.71190"	30 01' 47.53614"	1482.948	2009/3/17	17-mar-09 .02
BF	-02 12' 23.00158"	29 59' 55.65502"	1434.883	2009/3/17	17-mar-09 .14
BF	-02 12' 27.84675"	30 34' 59.56244"	1556.729	2009/1/21	Kigabiro Mutara
BF	-02 12' 43.25463"	30 49' 31.21403"	1314.238	2009/1/27	Saruhembe Nyakagera
BF	-02 12' 58.11726"	30 23' 07.88647"	1399.554	2009/1/20	H.C/Sangano/Rukoma/no func
BF	-02 13' 04.39966"	30 23' 08.72138"	1408.447	2009/1/20	Nyarurembo/Rukoma
BF	-02 13' 07.22795"	30 23' 04.20875"	1408.206	2009/1/20	Nyarurembo/Rukoma
BF	-02 13' 10.48080"	30 34' 52.29271"	1564.179	2008/12/17	16-dec-08 .15
BF	-02 13' 12.24542"	30 49' 30.72821"	1330.1	2009/1/27	Sanihembe Kanombe
BF	-02 13' 12.29491"	30 07' 01.57184"	1428.154	2009/3/23	Kagenge
BF	-02 13' 17.85976"	30 35' 23.80553"	1564.66	2009/1/21	Rwanyamuhanga Rutoma
BF	-02 13' 22.53022"	30 34' 11.97581"	1543.511	2009/1/21	Gitaraga Tonero
BF	-02 13' 24.49672"	30 23' 19.10486"	1404.121	2009/1/20	Ecole sec/Nyaruremo/Rukoma
BF	-02 13' 29.03350"	30 23' 24.50677"	1415.416	2009/1/20	Mabuga2/Gafunzo/constructed in 1996(COFORWA)
BF	-02 13' 32.87507"	30 09' 30.76657"	1453.868	2009/3/23	
BF	-02 13' 35.39074"	30 48' 46.59174"	1329.138	2009/1/27	Kamombo
BF	-02 13' 42.83427"	30 23' 30.06892"	1422.866	2009/1/20	Mabuga2/Gafunzo
BF	-02 13' 45.46281"	30 24' 07.80347"	1432.479	2009/1/20	Rwanyabiranga/Gafunzo
BF	-02 13' 47.87740"	30 23' 32.88088"	1426.471	2009/1/20	Gafunzo market/Mabuga1/Gafunzo
BF	-02 13' 50.59857"	30 23' 42.01483"	1414.455	2009/1/20	primary school/Mubuga1/Gafunzo
BF	-02 14' 01.12205"	30 20' 34.53936"	1359.179	2009/1/23	Karenga/Karenga/20rwf/2001/6am-8am/14pm-20pm
BF	-02 14' 02.45064"	30 25' 08.69750"	1547.596	2009/1/20	Nyagasani/Kibonde/constructed in 2001
BF	-02 14' 06.49679"	30 30' 08.04802"	1576.436	2009/1/22	Kibimba/Kinyonzo/repair at 2008/not use/pipe is not
BF	-02 14' 12.81842"	30 49' 19.07436"	1328.417	2009/1/27	Saruhembe Muride
BF	-02 14' 13.37485"	30 35' 35.96870"	1531.254	2008/12/17	16-dec-08 .13
BF	-02 14' 15.02360"	30 20' 51.09752"	1354.854	2009/1/23	Kavumu/Karenga
BF	-02 14' 15.89324"	30 49' 10.06025"	1328.898	2009/1/27	Kamombo Kigonge
BF	-02 14' 16.58364"	30 49' 55.58686"	1353.171	2009/1/27	Saruhemba Gisenyi
BF	-02 14' 16.93819"	30 48' 22.56804"	1344.039	2009/1/27	Kamonbo Kamonbo
BF	-02 14' 17.70132"	30 48' 30.94578"	1340.194	2009/1/27	Kamonbo Kamafo
BF	-02 14' 17.70192"	30 49' 48.55127"	1356.536	2009/1/27	Saruhembe Gisenyi
BF	-02 14' 17.70343"	30 49' 40.40530"	1354.854	2009/1/27	Saruhembe Karebezo
BF	-02 14' 17.82896"	30 49' 35.71763"	1350.768	2009/1/27	Saruhembe Karebezo
BF	-02 14' 18.86365"	30 30' 02.73362"	1586.049	2009/1/22	Kibimba primary scool/Kinyonzo/Kibimba/not use
BF	-02 14' 19.59750"	30 25' 06.20476"	1521.881	2009/1/20	Cyanika/Gafunzo
BF	-02 14' 20.45537"	30 49' 02.37983"	1326.495	2009/1/27	Kamombo Rumori
BF	-02 14' 22.09658"	30 34' 09.03104"	1535.099	2009/1/21	Rurenge Ruvuzi
BF	-02 14' 22.63460"	30 47' 39.29762"	1389.941	2009/1/29	Gasetsa/Kazizi/used/free
BF	-02 14' 24.03592"	30 25' 07.07138"	1517.075	2009/1/20	Kabare/Kibonde
BF	-02 14' 25.18468"	30 48' 57.70606"	1326.495	2009/1/27	Kamombo Rumori
BF	-02 14' 25.64635"	30 48' 20.05236"	1346.202	2009/1/27	Kamonbo Amahoro
BF	-02 14' 25.71063"	30 30' 01.08788"	1584.366	2009/1/22	Kibimba/Kinyonzo/repair at 2008/not use/pipe is not
BF	-02 14' 30.43782"	30 21' 15.66619"	1361.102	2009/1/23	Nyarurenbo/Karenga
BF	-02 14' 32.32797"	30 25' 05.70446"	1479.343	2009/1/20	Rwumba/Gafunzo
BF	-02 14' 32.38229"	30 48' 20.64953"	1349.807	2009/1/27	Kamonbo Umubano
BF	-02 14' 33.73804"	30 48' 44.52145"	1337.069	2009/1/27	Kamonbo Terimbera
BF	-02 14' 37.30984"	30 48' 36.40504"	1343.558	2009/1/27	Kamombo Terimbera
BF	-02 14' 37.49240"	30 48' 24.28981"	1350.528	2009/1/27	Kamonbo Umabano 2000Rwf/y/F
BF	-02 14' 48.83874"	30 25' 22.32358"	1479.103	2009/1/20	Kabare/Kibonne
BF	-02 14' 51.13505"	30 33' 52.39472"	1529.091	2009/1/21	Rugange Nyagahura
BF	-02 14' 52.03185"	30 25' 54.53494"	1421.665	2009/1/20	Karenga/Kibonde
BF	-02 14' 53.75755"	30 21' 30.11630"	1369.514	2009/1/23	Rusenye/Karenga
BF	-02 14' 59.50012"	30 46' 24.44858"	1410.369	2009/1/29	Kazizi A/Kazizi/not used
BF	-02 15' 01.99407"	30 25' 48.43085"	1445.697	2009/1/20	Nkingi/Kibonde
BF	-02 15' 04.05502"	30 47' 26.10276"	1353.411	2009/1/29	Mucyo/Kazizi/not used
BF	-02 15' 06.20105"	30 34' 24.54632"	1487.755	2009/1/21	Rurange Muguruka
BF	-02 15' 10.83561"	30 48' 17.95882"	1347.163	2009/1/27	Kamonbo Kigufi
BF	-02 15' 10.86729"	30 48' 23.65373"	1348.124	2009/1/27	
BF	-02 15' 13.16149"	30 48' 06.69848"	1344.519	2009/1/27	Kamonbo Bwiza
BF	-02 15' 13.59812"	30 48' 03.32100"	1345.961	2009/1/27	Kamonbo Bwiza
BF	-02 15' 15.16449"	30 46' 54.91250"	1397.151	2009/1/29	Nyenyeri/Kazizi/1966/not used

4.1 Données de localisation de tous les ouvrages (23/55)

Name	Latitude	Longitude	Alti	Date	Comments
BF	-02 15' 15.25321"	30 36' 47.99970"	1567.543	2008/12/12	08/Dec/2012 .9
BF	-02 15' 19.47406"	30 21' 34.00466"	1369.514	2009/1/23	Kabonero/Ihanika
BF	-02 15' 19.54347"	30 29' 43.01560"	1546.635	2009/1/30	Itonero/Mutenderi/not used/under repair
BF	-02 15' 28.01415"	30 21' 53.07635"	1385.856	2009/1/23	Irebero/Ihanika
BF	-02 15' 31.17014"	30 47' 23.95432"	1344.519	2009/1/29	Gasetsa/kazizi/not used
BF	-02 15' 33.65655"	30 48' 43.12526"	1324.092	2009/1/27	Mwoga Cyanika
BF	-02 15' 34.05998"	30 46' 28.35170"	1358.458	2009/1/29	Gashanga/Kazizi/not used
BF	-02 15' 47.51948"	30 37' 55.36866"	1555.767	2008/12/12	12-dec-08 .13
BF	-02 15' 51.32573"	30 21' 51.97558"	1412.532	2009/1/23	Kabeza/Jarama
BF	-02 15' 53.25662"	30 41' 32.72568"	1664.396	2008/12/16	28
BF	-02 15' 58.00071"	30 29' 29.71298"	1553.124	2009/1/30	Cyanyonga/Mutenderi/not used/under repair
BF	-02 15' 58.37397"	30 21' 55.60319"	1425.51	2009/1/23	Kabeza/Jarama
BF	-02 15' 59.52183"	30 37' 40.56971"	1548.798	2008/12/12	12-dec-08 .12
BF	-02 15' 59.62744"	30 25' 11.01432"	1444.496	2009/1/23	Vurunga/Kigoma
BF	-02 16' 03.55107"	30 46' 53.48464"	1371.677	2009/1/29	Ururembo/Kazizi/not used
BF	-02 16' 03.62379"	30 39' 31.74412"	1577.397	2008/12/12	12-dec-08 .14
BF	-02 16' 06.21702"	30 37' 30.55861"	1566.823	2008/12/12	12-dec-08 .11
BF	-02 16' 07.55497"	30 46' 48.37994"	1376.964	2009/1/29	Jyambere/Kazizi/not used
BF	-02 16' 11.33166"	30 44' 08.24716"	1477.661	2008/12/16	Ruhama 06
BF	-02 16' 11.35851"	30 44' 08.20460"	1471.893	2009/1/29	Ruhama/Gatana/Kigina sec/free/repaird by people/collected 40000FRW
BF	-02 16' 11.36817"	30 20' 49.02634"	1375.762	2009/1/23	Akagoma/Karenge
BF	-02 16' 11.46594"	30 29' 26.94293"	1552.884	2009/1/30	Mutenderi primary school/Akarimbu/Mutenderi/not used
BF	-02 16' 13.33467"	30 28' 31.61795"	1481.747	2009/1/30	Rwankamba/Kibare/not use/under repair
BF	-02 16' 14.94359"	30 21' 35.13863"	1408.447	2009/1/23	Kawombe/Karenge
BF	-02 16' 15.03985"	30 46' 03.06368"	1402.679	2009/1/29	Gashanga/Kazizi/used/20F
BF	-02 16' 15.12132"	30 29' 29.09803"	1552.643	2009/1/30	Mutenderi chruh/Akarimbu/Mutenderi/not used from 2001
BF	-02 16' 16.34099"	30 28' 44.99177"	1455.31	2009/1/30	Rwankamba/Kibare/not use/made 1970/under repair(from 2009 by CDF)/stopped 1998/
BF	-02 16' 17.43120"	30 29' 35.56450"	1540.867	2009/1/30	Mutenderi secondary school/Akarimbu/Mutenderi/not used
BF	-02 16' 17.84973"	30 29' 25.75828"	1543.751	2009/1/30	not used
BF	-02 16' 17.85576"	30 45' 49.58608"	1451.225	2009/1/29	Gasabo/Kazizi/used/2000F
BF	-02 16' 17.91853"	30 46' 27.09916"	1390.422	2009/1/29	Umubano/Nyamugari/not used
BF	-02 16' 18.16264"	30 37' 16.70837"	1568.505	2008/12/12	12-dec-08 .10
BF	-02 16' 18.73204"	30 29' 25.56334"	1543.991	2009/1/30	Akarimbu/Mutenderi/Catholic church/not used
BF	-02 16' 19.10410"	30 45' 21.86716"	1402.919	2009/1/29	Gashanga/kazizi/not used
BF	-02 16' 19.38321"	30 25' 05.13689"	1452.186	2009/1/23	Kigoma/Kigoma
BF	-02 16' 19.77609"	30 29' 20.89288"	1530.293	2009/1/30	Cyanonga/Mutenderi/not used/under repir
BF	-02 16' 20.17561"	30 41' 54.89664"	1596.864	2008/12/16	Kabuzo nowater 20
BF	-02 16' 20.69099"	30 28' 59.53181"	1480.785	2009/1/30	Cyanyonza/Mutenderi/not use/constructed in 1997/by CDF
BF	-02 16' 21.41730"	30 46' 22.73678"	1393.546	2009/1/29	Umubano/Nyamugari/not used
BF	-02 16' 22.60408"	30 36' 44.21455"	1603.112	2008/12/9	Muganza
BF	-02 16' 24.00600"	30 29' 19.19825"	1541.348	2009/1/30	Mutenderi HC/Cyanyonga/Mutenderi/not used from 1998
BF	-02 16' 25.88740"	30 45' 41.73851"	1426.711	2009/1/29	Mahoro/Kazizi/used/2000F
BF	-02 16' 27.73622"	30 42' 03.68143"	1605.275	2008/12/16	Kavuzo nowater 21
BF	-02 16' 27.99391"	30 40' 51.09586"	1625.943	2008/12/16	Nyakarambi I nowater 18
BF	-02 16' 28.21962"	30 39' 40.60951"	1606.957	2008/12/12	12-dec-08 .18
BF	-02 16' 28.44291"	30 40' 26.03654"	1628.827	2008/12/16	23
BF	-02 16' 29.01623"	30 28' 01.72013"	1499.771	2009/1/30	Matongo peimary school /Ndaragr/Kibare/not use/under
BF	-02 16' 29.88316"	30 29' 17.46654"	1536.781	2009/1/30	Gatonde/Mutenderi/not used/under repair
BF	-02 16' 30.20422"	30 46' 07.64933"	1407.245	2009/1/29	Nyamugari/Namugari/used/20F(jerrycan)
BF	-02 16' 30.54067"	30 36' 20.85530"	1588.933	2008/12/9	Muganza
BF	-02 16' 31.58321"	30 22' 23.46514"	1424.068	2009/1/23	Auterimberi/Jarama
BF	-02 16' 38.58709"	30 35' 32.40114"	1535.099	2008/12/9	Muganza
BF	-02 16' 38.89578"	30 23' 12.65651"	1420.944	2009/1/23	Ibabiri/Kibimba
BF	-02 16' 39.52764"	30 35' 51.38563"	1545.914	2008/12/9	Muganza
BF	-02 16' 41.93409"	30 24' 37.68138"	1438.728	2009/1/23	Mubaha/kigoma
BF	-02 16' 42.01073"	30 35' 08.65565"	1523.563	2008/12/9	Nyamirango
BF	-02 16' 43.24609"	30 23' 49.05161"	1453.147	2009/1/23	Urukomo/Kibimba
BF	-02 16' 49.63954"	30 22' 48.27943"	1428.634	2009/1/23	Jarama primary school/Aufatanye/Jarama
BF	-02 16' 50.15221"	30 45' 30.47605"	1412.772	2009/1/29	Isangano/Nyamugari/used/1966/2000frw(a year)
BF	-02 16' 50.25873"	30 27' 50.36530"	1482.708	2009/1/30	Ndarage/Kibare/not use/under repair
BF	-02 16' 50.93283"	30 24' 25.39598"	1438.488	2009/1/23	Meraweza/Kigoma
BF	-02 16' 51.12474"	30 40' 05.25904"	1640.603	2008/12/12	12-dec-08 .15
BF	-02 16' 52.59637"	30 45' 42.28708"	1441.131	2009/1/29	Umunezero/Nyamugari/1998/used/2000F(a year)
BF	-02 16' 53.24362"	30 24' 04.46278"	1446.418	2009/1/23	Cyahafi/Kibimba
BF	-02 16' 54.22461"	30 45' 26.25307"	1407.245	2009/1/29	Lycee de Rusumo School/Ihuriro/Nyamugari
BF	-02 16' 54.92406"	30 34' 40.00188"	1506.741	2008/12/9	Cyunuzi
BF	-02 16' 56.08911"	30 23' 54.80956"	1445.938	2009/1/23	Urukomo/Kibimba
BF	-02 16' 56.88423"	30 33' 41.16852"	1393.786	2008/12/9	Cyunuzi
BF	-02 16' 58.74721"	30 45' 22.12333"	1397.151	2009/1/29	Nyamugari HC/Ihuriro/Nyamugari
BF	-02 17' 03.00760"	30 45' 23.97848"	1406.043	2009/1/29	School tap
BF	-02 17' 03.44182"	30 24' 00.80773"	1441.852	2009/1/23	Cyahafi/Kibimba
BF	-02 17' 04.30904"	30 42' 32.66590"	1675.21	2008/12/16	from Kabugwe no water 13
BF	-02 17' 07.13643"	30 49' 08.77901"	1315.68	2009/1/27	Mwoga Isangano
BF	-02 17' 07.35821"	30 36' 10.44378"	1526.448	2008/12/9	Muganza cell
BF	-02 17' 07.72453"	30 27' 46.83938"	1471.172	2009/1/30	Ndarage/Kibare/not use/under repair

4.1 Données de localisation de tous les ouvrages (24/55)

Name	Latitude	Longitude	Alti	Date	Comments
BF	-02 17' 10.84280"	30 49' 17.02430"	1331.782	2009/1/27	Mwoga Mwoga
BF	-02 17' 11.71667"	30 44' 49.21768"	1425.269	2009/1/29	Rusozi/Nyamugari/replaced 2009 from sector Office/originally constructed in 1968
BF	-02 17' 12.31534"	30 49' 06.68881"	1313.757	2009/1/27	Mwoga Nyarusange
BF	-02 17' 12.90193"	30 42' 37.73257"	1663.194	2008/12/16	Nyakayaga 05
BF	-02 17' 16.57210"	30 49' 18.09491"	1335.387	2009/1/27	Mwoga Mwoga
BF	-02 17' 19.66683"	30 45' 20.04307"	1401.477	2009/1/29	Mahama/Nyamugari/used/2000F(a year)
BF	-02 17' 21.36145"	30 44' 33.09432"	1429.836	2009/1/29	Rusozi/Nyamugari/not used/water from SP reduce/constructed in 1968
BF	-02 17' 22.52138"	30 35' 47.67443"	1501.453	2008/12/9	Muganza cell
BF	-02 17' 28.59286"	30 49' 21.83689"	1338.992	2009/1/27	Mwoga Gisanze
BF	-02 17' 39.93045"	30 47' 09.69094"	1363.024	2009/1/29	Nyabiyenzi/Bukora
BF	-02 17' 42.67516"	30 47' 10.86839"	1365.909	2009/1/29	Nyabiyenzi/Bukora/1996/IRC
BF	-02 17' 45.13169"	30 47' 07.63152"	1376.002	2009/1/29	Nyabiyenzi/Bukora/IRC/1996
BF	-02 17' 47.03995"	30 27' 08.72615"	1481.987	2009/1/30	Rwakaba/Kibare/not used/under repair
BF	-02 17' 47.69535"	30 47' 37.41108"	1343.318	2009/1/29	Nyabiyenzi/Bukora
BF	-02 17' 49.04326"	30 49' 30.48532"	1348.124	2009/1/27	Mwoga Kwisha
BF	-02 17' 49.64736"	30 47' 35.68024"	1349.086	2009/1/29	Nyabiyenzi/Bukora
BF	-02 17' 55.46749"	30 49' 30.98708"	1347.403	2009/1/27	Mwoga Kwisha
BF	-02 17' 58.03627"	30 42' 14.38780"	1675.691	2008/12/16	Gasarasi 03
BF	-02 17' 58.89716"	30 47' 19.82638"	1363.505	2009/1/29	Nyabiyenzi/Bukora
BF	-02 17' 59.55407"	30 27' 00.06865"	1471.412	2009/1/30	Rwakaba/Kibare/under repair
BF	-02 18' 00.41495"	30 47' 12.89342"	1369.033	2009/1/29	Bukora primary school/Nyabiyenzi/Bukora
BF	-02 18' 02.44421"	30 47' 19.11394"	1360.621	2009/1/29	Nyabiyenzi/Bukora
BF	-02 18' 03.24717"	30 46' 38.76355"	1383.452	2009/1/29	Nyabiyenzi/Bukora/IRC
BF	-02 18' 05.19224"	30 44' 51.96296"	1413.493	2009/1/29	Rurama2/Nyamugari
BF	-02 18' 06.84099"	30 46' 41.39933"	1380.569	2009/1/29	Nyabiyenzi/Bukora/1996/IRC
BF	-02 18' 10.44387"	30 26' 50.63723"	1462.28	2009/1/30	Mutukura/Kibare/not used/under repair
BF	-02 18' 12.86962"	30 26' 47.91455"	1460.117	2009/1/30	Mutukura/Kibare2/not used/under repair
BF	-02 18' 13.61947"	30 26' 47.09828"	1458.194	2009/1/30	Mutukura/Kibare2/not used/under repair
BF	-02 18' 14.44837"	30 49' 32.76682"	1362.303	2009/1/27	Munini Munini
BF	-02 18' 14.45320"	30 49' 45.03652"	1361.583	2009/1/27	Munini Munini
BF	-02 18' 17.27726"	30 26' 43.24981"	1451.706	2009/1/30	Mutukura/Kibare2/not used/under repair
BF	-02 18' 18.88106"	30 32' 50.20768"	1592.538	2008/12/8	08-dec-08 11:02:41pm
BF	-02 18' 19.78902"	30 49' 31.38240"	1359.42	2009/1/27	Munini Munini
BF	-02 18' 20.24074"	30 26' 40.53498"	1447.139	2009/1/30	Mutukura/Kibare2/not used/under repair
BF	-02 18' 21.66589"	30 49' 55.17707"	1359.179	2009/1/27	Munini Kabeza
BF	-02 18' 21.79384"	30 46' 26.69117"	1367.591	2009/1/29	Bugero/Bukora/10F/IRC
BF	-02 18' 22.94983"	30 49' 12.13900"	1353.171	2009/1/27	Munini Remanyandi
BF	-02 18' 24.70873"	30 26' 35.82679"	1441.131	2009/1/30	Mutukura/Kibare2/not used/under repair
BF	-02 18' 26.23950"	30 49' 20.22553"	1356.776	2009/1/27	Munini Ihuro
BF	-02 18' 28.20871"	30 26' 32.13247"	1435.604	2009/1/30	Mutukura/Kibare2/not used/under repair
BF	-02 18' 31.35957"	30 46' 36.55355"	1362.303	2009/1/29	Bugero/Bukoma/2008/new village for refugee/red cross/2000F(a year)
BF	-02 18' 31.45250"	30 49' 58.67011"	1354.133	2009/1/27	Munini Karambi
BF	-02 18' 32.35081"	30 47' 11.09710"	1353.652	2009/1/29	Bukora HC/Bukora/Bukora/used
BF	-02 18' 33.19812"	30 46' 40.23336"	1356.055	2009/1/29	Bugero/Bukoma/2008/new village for refugee/2000F(a year)
BF	-02 18' 33.87947"	30 47' 12.50084"	1350.287	2009/1/29	Bukora HC/Bukora/Bukora/not used
BF	-02 18' 34.45913"	30 47' 12.08713"	1351.249	2009/1/29	Bukora HC/not used
BF	-02 18' 36.06926"	30 44' 36.01558"	1434.642	2008/12/11	Rwesinge 14
BF	-02 18' 45.07977"	30 32' 59.85006"	1575.234	2008/12/8	08-dec-08 10:57:43pm
BF	-02 18' 54.30845"	30 45' 03.99578"	1517.075	2008/12/11	refugee camp 15
BF	-02 19' 02.82017"	30 44' 13.04282"	1416.858	2008/12/11	Kagorogoro 09
BF	-02 19' 03.57514"	30 44' 08.43032"	1417.579	2008/12/11	for school 12
BF	-02 19' 05.61828"	30 33' 00.86393"	1570.668	2008/12/8	08-dec-08 10:54:17pm
BF	-02 19' 07.61797"	30 47' 36.35376"	1347.884	2009/1/29	Mudahunga/Bukora/10F
BF	-02 19' 08.70426"	30 47' 40.09996"	1350.047	2009/1/29	Mudahunga/Bukora/10F
BF	-02 19' 13.56875"	30 48' 02.13606"	1357.016	2009/1/29	Iremanyndo/Bukora/10F
BF	-02 19' 17.68400"	30 48' 02.34155"	1357.978	2009/1/29	Iremanyndo/Bukora/10F
BF	-02 19' 19.47216"	30 47' 11.71568"	1366.87	2009/1/29	Nyakariba/Kagasa/10F/1968
BF	-02 19' 21.26696"	30 33' 00.85547"	1557.931	2008/12/8	08-dec-08 10:49:59pm
BF	-02 19' 22.11548"	30 48' 03.14269"	1354.373	2009/1/29	Iremanyundo/Bukora/functional but not used
BF	-02 19' 25.58045"	30 36' 12.14201"	1592.538	2008/12/10	10-dec-08 10:28:48pm
BF	-02 19' 26.48389"	30 35' 27.56288"	1592.057	2008/12/10	10-dec-08 10:35:49pm
BF	-02 19' 28.05359"	30 47' 31.09398"	1374.08	2009/1/29	Mwima/Bukora
BF	-02 19' 29.45732"	30 47' 35.30216"	1373.118	2009/1/29	Mwima/Bukora/10F/1997IRC
BF	-02 19' 30.05267"	30 45' 00.32108"	1546.395	2008/12/11	Rama 17
BF	-02 19' 34.73550"	30 37' 29.63978"	1778.311	2008/12/10	10-dec-08 10:07:40pm
BF	-02 19' 42.48410"	30 35' 34.79640"	1465.164	2008/12/11	2008/12/11 10:43
BF	-02 19' 45.59815"	30 35' 43.95538"	1480.304	2008/12/11	2008/12/11 10:53
BF	-02 19' 46.61625"	30 37' 37.13430"	1799.94	2008/12/10	10-dec-08 10:02:46pm
BF	-02 19' 50.10114"	30 36' 47.89076"	1730.245	2008/12/10	10-dec-08 10:17:53pm
BF	-02 19' 51.14127"	30 36' 28.06981"	1699.483	2008/12/10	10-dec-08 10:22:53pm
BF	-02 19' 53.73389"	30 37' 43.79390"	1805.708	2008/12/10	10-dec-08 9:00:02pm
BF	-02 19' 58.93634"	30 32' 49.43429"	1551.682	2008/12/8	08-dec-08 10:44:19pm
BF	-02 20' 03.46136"	30 42' 30.83911"	1441.131	2008/12/11	Nyaryenge 07
BF	-02 20' 04.46045"	30 47' 37.07282"	1398.353	2009/1/29	Nyamirama/Kagasa/10F(jerrycan)

4.1 Données de localisation de tous les ouvrages (25/55)

Name	Latitude	Longitude	Alti	Date	Comments
BF	-02 20' 12.23289"	30 42' 46.52791"	1389.22	2008/12/11	Kimesho 06
BF	-02 20' 12.34634"	30 48' 01.66655"	1414.455	2009/1/29	Rebero/kagasa/not used
BF	-02 20' 13.79775"	30 46' 55.52839"	1399.314	2009/1/29	Ituze/Kagasa/not used
BF	-02 20' 16.69333"	30 38' 16.37336"	1794.173	2008/12/10	
BF	-02 20' 26.06564"	30 45' 19.74042"	1558.892	2008/12/11	Rama 19
BF	-02 20' 27.54180"	30 38' 45.88408"	1804.026	2008/12/10	10-dec-08 9:45:09pm
BF	-02 20' 34.97899"	30 32' 37.76114"	1561.776	2008/12/8	08-dec-08 10:38:49pm
BF	-02 20' 35.00645"	30 47' 07.65053"	1403.88	2009/1/29	Mataba primary school/Mataba/Kagasa/repared by AGRO
BF	-02 20' 45.51213"	30 41' 44.32096"	1473.816	2008/12/15	Kiravunga 07
BF	-02 20' 59.60710"	30 35' 40.99582"	1380.809	2008/12/11	11-dec-08 .i6
BF	-02 21' 01.30927"	30 42' 11.35159"	1353.892	2008/12/11	Nyarutojo 05
BF	-02 21' 01.98277"	30 41' 51.17154"	1401.237	2008/12/15	Gahindu nowater 06
BF	-02 21' 03.11583"	30 46' 42.98498"	1388.499	2009/1/29	Mataba/Kagasa/once repaired by AGRO/not used/2007 water stopped
BF	-02 21' 07.01050"	30 41' 00.31758"	1516.594	2008/12/15	Ruhandagaza no water 02
BF	-02 21' 07.14327"	30 45' 32.25424"	1515.633	2008/12/11	Rama 21
BF	-02 21' 10.20783"	30 46' 33.79948"	1380.569	2009/1/29	Mataba/Kagasa/once repaired by AGRO/not used/2007 water stopped
BF	-02 21' 10.62847"	30 39' 35.82497"	1607.919	2008/12/15	36
BF	-02 21' 20.42805"	30 45' 46.27530"	1480.304	2008/12/11	no supply 22
BF	-02 21' 24.73611"	30 36' 21.69990"	1414.695	2008/12/11	2008/12/11 12:05
BF	-02 21' 29.46572"	30 41' 12.39868"	1395.949	2008/12/15	no water 05
BF	-02 21' 29.96149"	30 39' 14.62414"	1561.055	2008/12/15	from Nyakagera
BF	-02 21' 30.08340"	30 31' 12.49730"	1540.627	2008/12/8	08-dec-08 10:24:33pm
BF	-02 21' 32.06408"	30 39' 14.66726"	1555.527	2008/12/15	Nyamikoni 34
BF	-02 21' 33.30155"	30 41' 00.77201"	1422.626	2008/12/15	Gasemi 03
BF	-02 21' 44.21247"	30 36' 48.41701"	1374.08	2008/12/11	BF111208
BF	-02 21' 51.37689"	30 40' 42.83184"	1394.027	2008/12/15	Gafari 11
BF	-02 21' 57.09804"	30 40' 21.26680"	1400.756	2008/12/15	Ryamukaza 12
BF	-02 21' 57.14843"	30 31' 37.66552"	1500.732	2008/12/8	08-dec-08 10:17:30pm
BF	-02 21' 58.62670"	30 37' 26.54022"	1368.312	2008/12/11	11-dec-08 15
BF	-02 22' 13.34810"	30 37' 52.26791"	1383.933	2008/12/15	Nyarutovu 30
BF	-02 22' 13.42263"	30 37' 52.26125"	1384.173	2008/12/11	2008/12/11 12:56
BF	-02 22' 14.81339"	30 38' 20.46296"	1357.257	2008/12/15	Kigenge 29
BF	-02 22' 17.40722"	30 39' 56.74730"	1415.176	2008/12/15	Kabugo 15
BF	-02 22' 19.97963"	30 39' 24.59930"	1471.893	2008/12/15	Nyakavogo 33
BF	-02 22' 21.44613"	30 38' 38.00634"	1364.707	2008/12/15	no water
BF	-02 22' 28.95182"	30 38' 32.23450"	1377.204	2008/12/15	Rubore no water 25
BF	-02 22' 48.59504"	30 39' 00.87224"	1393.546	2008/12/15	Kabimba II 23
BF	-02 22' 54.00298"	30 39' 28.43485"	1382.01	2008/12/15	Kabimba I 16
BF	-02 22' 55.95318"	30 38' 42.86933"	1390.903	2008/12/15	Gakoni 24
BF	-02 23' 00.24676"	30 46' 34.24426"	1349.086	2008/12/11	Nyakwidi 27
BF	-02 23' 00.81345"	30 39' 21.17477"	1388.74	2008/12/15	Kabimba I 17
BF	-02 23' 01.32129"	30 46' 48.17356"	1351.008	2009/1/29	Hotel
BF	-02 23' 02.19696"	30 46' 43.72489"	1329.859	2008/12/11	from gashanga 1 25
BF	-02 23' 17.32120"	30 39' 08.90024"	1387.778	2008/12/15	Nyamirambo II 19
BF	-02 23' 17.99923"	30 39' 02.75576"	1379.848	2008/12/15	Gatoni 21
Building	-01 31' 21.58735"	30 13' 08.97784"	1475.498	2009/12/7	Nyagihanga Nyagitabira nyamirama 792
Building	-01 41' 18.54850"	30 16' 52.00979"	1745.626	2009/12/7	Kageyo Nyagisozi Rukira
C vanne	-01 42' 42.75746"	30 21' 59.22842"	0	2009/12/7	RUGARAMA BUGARAMA AKABARE 227 Not covered
C. equilib	-01 36' 59.35317"	30 13' 00.04004"	0	2009/12/7	GATSIBO NYAGAHANGA NYAGAHANGA 350 In use
C. VANN	-01 40' 06.00273"	30 14' 37.85453"	0	2009/12/7	KAGEYO KINTU RUTOMA 302 In use
C. vanne	-01 35' 09.46843"	30 13' 29.47138"	0	2009/12/7	GATSIBO GATSIBO MUKWIZA 335 In use
C. vanne	-01 35' 10.47265"	30 14' 04.46453"	0	2009/12/7	GATSIBO GATSIBO MUKWIZA 332 In use
C.EQUIL	-01 33' 27.63675"	30 15' 38.97698"	0	2009/12/7	NGARAMA NYARUBUNGORWIRI428
C.Tank	-01 32' 38.36545"	30 11' 11.50170"	1559.373	2009/12/7	Nyagihanga Murambi Umugamba 798
C.Tank	-01 32' 42.44358"	30 11' 40.07609"	1652.86	2009/12/7	Nyagihanga Kibare Gashuri 809
C.Tank	-01 32' 45.40132"	30 11' 42.80629"	1639.161	2009/6/9	Tank Collect
C.Tank	-01 35' 19.04170"	30 11' 05.92177"	1855.216	2009/12/7	Nyagihanga Murambi Kanyinya 816
C.Tank	-01 36' 00.46483"	30 11' 25.39388"	1775.427	2009/6/8	Tank Collect Rwobe1
C.Tank	-01 36' 27.51810"	30 11' 45.90434"	1781.676	2009/6/8	Tank Collect Rwobe2
C.Tank	-01 37' 48.39243"	30 14' 36.48728"	1654.302	2009/6/8	Tank Collect Gishuro
C.Tank	-01 43' 20.60427"	30 15' 19.80148"	1616.33	2009/6/4	Collect Tank for SP
C.Tank	-01 44' 18.86859"	30 15' 44.75880"	1615.369	2009/6/4	Relay Tank for SP
C.VANN	-01 40' 59.45808"	30 18' 22.41364"	0	2009/12/7	REMERA NYAGAKOMBE KARUFURI 253 working
D Tank	-01 21' 00.75366"	30 12' 41.14091"	1478.622	2009/12/7	KARAMA BUSHARA RUREMBO 766
D Tank	-01 44' 46.64333"	30 26' 56.92142"	0	2009/12/7	KIZIGURO MBOGO AKABUYE 211 Not in use but Good infrastructure
D Tank	-01 15' 14.76067"	30 20' 56.71518"	1369.273	2009/12/7	Nyagatare Nsheke Kabare I
D Tank	-01 19' 20.80369"	30 23' 15.94799"	1462.761	2009/12/7	NYAGATAREKAMARIKAMAGIRI790
D Tank	-01 27' 23.52859"	30 13' 37.46046"	1491.6	2009/12/7	Mimuli Mahoro Mizero 981
D Tank	-01 27' 27.73677"	30 13' 31.70431"	1440.891	2009/12/7	Mimuli Mahoro Mizero 984
D Tank	-01 27' 46.82237"	30 16' 11.30452"	1455.31	2009/12/7	Katabagemu Bayigaburire Nyagahandagaza 893
D.Tank	-01 04' 18.74672"	30 26' 42.53374"	1350.047	2009/12/7	MATIMBA KIMBOGO KIYOVU 671
D.Tank	-01 05' 30.03330"	30 24' 55.07388"	1384.173	2009/12/7	MATIMBA NTABWISHONGWEZI NTABWISHONGWEZI I 601
D.Tank	-01 06' 32.63616"	30 23' 14.35654"	1474.777	2009/12/7	MUSHERI KIBIRIZI KABUNGO 729

4.1 Données de localisation de tous les ouvrages (26/55)

Name	Latitude	Longitude	Alti	Date	Comments
D.Tank	-01 07' 15.89030"	30 25' 33.43516"	1393.546	2009/12/7	MATIMBA MATIMBA MATIMBA II 705
D.Tank	-01 10' 17.22969"	30 23' 58.88587"	1563.458	2009/12/7	MUSERI NTOMA NTOMA 720
D.Tank	-01 14' 52.91437"	30 21' 01.18228"	1367.351	2009/12/7	Nyagatare Nsheke Kabare I
D.Tank	-01 15' 56.06823"	30 20' 22.55874"	1379.607	2009/12/7	Nyagatare Nsheke Nsheke 858
D.Tank	-01 16' 52.16690"	30 19' 56.26952"	1320.727	2009/12/7	Nyagatare Barija Barija B 862
D.Tank	-01 18' 32.40608"	30 23' 45.26236"	1409.648	2009/12/7	NYAGATAREKAMAGIRINKERENGE792
D.Tank	-01 18' 36.54110"	30 20' 33.12960"	1460.117	2009/12/7	Nyagatare Barija Kihira 841
D.Tank	-01 19' 16.52610"	30 18' 54.21161"	1439.929	2009/12/7	NYAGATARENYAGATARE MIRAMA II 781
D.Tank	-01 19' 28.00280"	30 20' 25.53277"	1377.444	2009/12/7	NYAGATARE RUTARAKA GIHOROBWA 729
D.Tank	-01 19' 54.78178"	30 11' 01.21751"	1538.704	2009/12/7	KARAMA KABUGA RWUBUZIZI 755
D.Tank	-01 20' 06.39487"	30 13' 26.22968"	1459.876	2009/12/7	KARAMA GIKUNDAMVURA URUGWIRO 762
D.Tank	-01 20' 07.73826"	30 20' 13.53314"	1398.833	2009/12/7	NYAGATARE RUTARAKA GIHORUBWA 728 In use
D.Tank	-01 20' 08.45008"	30 21' 54.23296"	1473.095	2009/12/7	NYAGATARERUTARAKAMUGARI 736
D.Tank	-01 20' 12.61693"	30 12' 16.70198"	1466.846	2009/12/7	KARAMA KABUGA KIZUNGURUKO 759
D.Tank	-01 20' 18.82238"	30 18' 07.06763"	1401.958	2009/12/7	NYAGATARE BUSHOGA CYONYO 774
D.Tank	-01 20' 20.12443"	30 16' 11.31812"	1469.25	2009/12/7	RUKOMO MUSENYI AMAHORO 870
D.Tank	-01 20' 23.41832"	30 16' 07.99946"	1462.521	2009/12/7	RUKOMO MUSHENYI GASHURA 871
D.Tank	-01 20' 30.66618"	30 16' 04.50383"	1467.327	2009/12/7	RUKOMO MUSHENYI GASHURA 874
D.Tank	-01 20' 32.09087"	30 16' 54.57767"	1410.61	2009/12/7	RUKOMO RURENGE KABEZA 882
D.Tank	-01 20' 34.93696"	30 14' 57.69118"	1412.772	2009/12/7	RUKOMO NYANGARAMA NYANGARAMA 861
D.Tank	-01 20' 38.81926"	30 15' 02.29162"	1420.463	2009/12/7	RUKOMO NYANGARAMA NYANGARAMA 862
D.Tank	-01 20' 48.98305"	30 21' 52.59809"	1514.191	2009/12/7	NYAGATARERUTARAKARYABEGA 735
D.Tank	-01 20' 53.14567"	30 18' 04.52693"	1417.339	2009/12/7	NYAGATAREBUSHOGA CYONYO 773
D.Tank	-01 20' 57.02978"	30 12' 41.11495"	1469.73	2009/12/7	KARAMA GIKUNDAMVURA GIKUNDAMVURA I 765
D.Tank	-01 21' 04.91417"	30 16' 23.77488"	1454.83	2009/12/7	RUKOMO RURENGE KABUSUNZU 887
D.Tank	-01 21' 09.37431"	30 14' 23.81809"	1417.819	2009/12/7	RUKOMO NYAKAGARAMA KAYENZI 859
D.Tank	-01 21' 17.46962"	30 18' 01.45631"	1366.87	2009/12/7	NYAGATARE bushoga RYINKUYU 772
D.Tank	-01 21' 19.16394"	30 16' 49.97572"	1387.057	2009/12/7	RUKOMO RURENGE RUSHASHI 889
D.Tank	-01 21' 19.53117"	30 11' 54.28842"	1485.592	2009/12/7	KARAMA KABUGA KABEZA 774
D.Tank	-01 21' 21.49223"	30 16' 30.67979"	1418.06	2009/12/7	RUKOMO RURENGE BIRYOGO 890
D.Tank	-01 21' 32.51993"	30 15' 18.87995"	1456.993	2009/12/7	RUKOMO NYANGARAMA MUSENYI 864
D.Tank	-01 21' 43.89525"	30 21' 44.18716"	1452.667	2009/12/7	NYAGATARE KAMAKIRI NKERENGE 732
D.Tank	-01 21' 54.97757"	30 14' 47.58623"	1508.423	2009/12/7	RUKOMOGASHENYI GASHENYI 848
D.Tank	-01 21' 55.40544"	30 13' 46.81920"	1450.744	2009/12/7	RUKOMO NYAKAGARAMA NYAMWOROMA 856
D.Tank	-01 21' 57.78835"	30 14' 59.74818"	1492.321	2009/12/7	RUKOMO GASHENYI MUGASASA 846
D.Tank	-01 22' 09.67242"	30 15' 19.27555"	1453.388	2009/12/7	RUKOMOGASHENYI MURERO 844
D.Tank	-01 22' 11.95997"	30 15' 04.64616"	1463.241	2009/12/7	RUKOMO GASHENYI RUREMBO 845
D.Tank	-01 22' 17.96869"	30 16' 16.41587"	1415.656	2009/12/7	RUKOMORUKOMO II RUGANANO817
D.Tank	-01 22' 25.05948"	30 13' 57.88610"	1475.498	2009/3/1	GATUNDA NYAMIREMBE BYIMANA 952
D.Tank	-01 22' 33.03047"	30 13' 05.78896"	1472.374	2009/3/1	GATUNDA NYAMIREMBE MABARE 957
D.Tank	-01 22' 35.51175"	30 15' 48.73828"	1420.944	2009/12/7	RUKOMO GASHENYI HURIRO 822
D.Tank	-01 22' 37.80413"	30 16' 05.34803"	1449.302	2009/12/7	RUKOMO RUKOMO II 819
D.Tank	-01 22' 53.57954"	30 17' 39.96910"	1397.392	2009/12/7	NYAGATAREGAKIRAGEKIBOGA I 755
D.Tank	-01 23' 02.78770"	30 13' 14.55020"	1452.186	2009/3/1	GATUNDA NYAMIREMBE MABARE 954
D.Tank	-01 23' 07.81543"	30 13' 25.81568"	1476.219	2009/3/1	GATUNDA NYAMIREMBE KIRINDIMURE 949
D.Tank	-01 23' 09.83141"	30 14' 27.95989"	1477.661	2009/12/7	RUKOMOGASHENYI SANGANO 836
D.Tank	-01 23' 11.36249"	30 15' 21.76286"	1433.681	2009/12/7	RUKOMO GASHENYI BUKAMBA 830
D.Tank	-01 23' 16.98738"	30 13' 57.92264"	1549.279	2009/12/7	GATUNDA KABEZA IREBERO 947
D.Tank	-01 23' 24.64485"	30 16' 10.25504"	1438.728	2009/12/7	RUKOMORUKOMO IINYARUBU 812
D.Tank	-01 23' 28.55250"	30 15' 21.37540"	1461.8	2009/12/7	RUKOMOGASHENYIBUKAMBA 832
D.Tank	-01 23' 28.55398"	30 17' 27.10014"	1434.642	2009/12/7	RUKOMO RUKOMO II AMAHORO 820
D.Tank	-01 23' 42.58048"	30 13' 57.34420"	1555.046	2009/12/7	GATUMBAKABEZA IREBERO 946
D.Tank	-01 23' 45.02827"	30 13' 49.23649"	1528.611	2009/12/7	GATUNDA KABEZA MUVUMBA 935
D.Tank	-01 23' 45.20509"	30 12' 50.40850"	1485.832	2009/12/7	GATUNDA RYAMIKAMBA RYABUVARA 928
D.Tank	-01 23' 49.66403"	30 10' 39.83318"	1511.307	2009/3/1	GATUNDA NYARUREMA SHABANA 961
D.Tank	-01 23' 50.72799"	30 11' 02.87923"	1495.445	2009/3/1	GATUNDA NYARUREMA BUBARE 959
D.Tank	-01 23' 51.30826"	30 12' 24.85616"	1521.16	2009/12/7	GATUNDA NYAMIKAMBA RYABUVARA 925
D.Tank	-01 23' 52.13173"	30 11' 30.74690"	1482.468	2009/12/7	GATUNDARWENSHEKE RWENSHEKE 918
D.Tank	-01 23' 57.88486"	30 14' 42.95317"	1437.767	2009/12/7	GATUNDA KABEZA IREBERO 944
D.Tank	-01 23' 59.15553"	30 09' 17.65951"	1509.144	2009/12/7	GATUNDA NYANGARA MUTUMBA 891
D.Tank	-01 24' 04.80939"	30 10' 18.93922"	1521.881	2009/3/1	GATUNDA NYARUREMA BUGUMA 962
D.Tank	-01 24' 12.74568"	30 23' 24.19807"	1386.817	2009/12/7	Nyagatare Rwisirabo Rukundo 874
D.Tank	-01 24' 15.75924"	30 12' 20.75026"	1521.881	2009/12/7	GATUNDA RWENSHEKE KABUYE 921
D.Tank	-01 24' 22.65178"	30 15' 21.33619"	1461.559	2009/12/7	RUKOMOGAHORARA RAMBURA 799
D.Tank	-01 24' 34.87290"	30 12' 48.29026"	1452.667	2009/12/7	GATUNDARWENSHEKE NYIRABURUGA 930
D.Tank	-01 24' 37.73196"	30 11' 38.79906"	1504.818	2009/12/7	GATUNDA RWENSHEKE RWENSHEKE 917
D.Tank	-01 24' 38.48332"	30 15' 50.34388"	1455.31	2009/12/7	RUKOMOGAHORARA RAMBURA 802
D.Tank	-01 24' 38.59949"	30 11' 17.37884"	1493.523	2009/12/7	GATUNDA CYAGAJU KABEZA 915
D.Tank	-01 24' 44.67429"	30 09' 54.35305"	1557.69	2009/3/1	GATUNDANYARUREMA KABEZA 965
D.Tank	-01 24' 47.72014"	30 11' 24.42286"	1510.345	2009/12/7	GATUNDA CYAGAJU KABEZA 914
D.Tank	-01 24' 51.62537"	30 12' 22.35708"	1480.545	2009/12/7	GATUNDA RWENSHEKE NYIRABURUNGA 923
D.Tank	-01 24' 54.10182"	30 13' 56.20778"	1438.247	2009/12/7	GATUNDA KABEZA NYAMIRAMBO 938
D.Tank	-01 24' 58.89147"	30 14' 06.24214"	1419.502	2009/12/7	GATUNDA KABEZA MUYENJI 939
D.Tank	-01 24' 59.47596"	30 19' 00.60024"	1463.001	2009/12/7	Katabagemu Kanyeganyega 915
D.Tank	-01 25' 06.62378"	30 17' 20.72933"	1386.817	2009/12/7	NYAGATARECYABAYAGA CYABAYAGA 764
D.Tank	-01 25' 11.02569"	30 16' 58.70197"	1397.632	2009/12/7	NYAGATARECYABAYAGACYABAYAGA 763
D.Tank	-01 25' 11.82562"	30 13' 08.13896"	1434.883	2009/12/7	Mukama Rugarama 017

4.1 Données de localisation de tous les ouvrages (27/55)

Name	Latitude	Longitude	Alti	Date	Comments
D.Tank	-01 25' 13.34613"	30 12' 51.88014"	1479.103	2009/12/7	Mukama Rugarama Kireranyana
D.Tank	-01 25' 27.71842"	30 10' 54.03076"	1545.193	2009/12/7	GATUNDA CYAGAJU KIBISABO 912
D.Tank	-01 25' 29.07025"	30 10' 31.00040"	1567.303	2009/12/7	GATUNDA CYAGAJU IRAMIRO 909
D.Tank	-01 25' 34.52405"	30 14' 03.58526"	1425.269	2009/12/7	Mukama Bufunda Bitabo 005
D.Tank	-01 25' 36.41390"	30 16' 12.87332"	1391.864	2009/12/7	Mimuli Rugari Isangano 948
D.Tank	-01 25' 42.01948"	30 16' 41.42266"	1387.538	2009/12/7	NYAGATARECYABAYAGA KAMONYI 761
D.Tank	-01 25' 43.16462"	30 13' 08.02942"	1423.827	2009/12/7	Mukama Rugarama Kireranyana 014
D.Tank	-01 25' 44.14621"	30 14' 10.62020"	1457.714	2009/12/7	Mukama Bufunda Rebero 007
D.Tank	-01 25' 45.41270"	30 06' 20.40548"	1695.879	2009/3/1	KIYOMBE KABUNGO BITARE 967
D.Tank	-01 25' 46.32212"	30 14' 23.63644"	1449.062	2009/12/7	Mukama Bufunda Bitabo 008
D.Tank	-01 26' 02.36850"	30 14' 22.22124"	1432.479	2009/12/7	Mukama Bufunda Bitabo 009
D.Tank	-01 26' 06.37276"	30 06' 34.43440"	1671.125	2009/3/1	KIYOMBEKABUNGO BITARE 970
D.Tank	-01 26' 07.87903"	30 12' 09.23645"	1445.697	2009/12/7	Mukama Gishororo Kabukunzi 040
D.Tank	-01 26' 09.84432"	30 12' 24.33866"	1419.742	2009/12/7	Mukama Gishororo Kabeza
D.Tank	-01 26' 14.83645"	30 09' 58.28634"	1589.654	2009/12/7	GATUNDA NYANGARA RYANYABUKWENDE 902
D.Tank	-01 26' 23.20001"	30 07' 15.05546"	1591.096	2009/3/1	KIYOMBE KABUNGO CYONDO 975
D.Tank	-01 26' 24.96826"	30 19' 24.96432"	1496.407	2009/12/7	Katabagemu Nyakigando Kaduha II 922
D.Tank	-01 26' 28.75610"	30 15' 39.87832"	1414.455	2009/12/7	Mimuli Rugari Ubumwe 956
D.Tank	-01 26' 34.88281"	30 09' 49.55375"	1626.664	2009/12/7	GATUNGA NYANGARA NYABUGWEGWE 829
D.Tank	-01 26' 41.96786"	30 09' 58.15447"	1614.888	2009/12/7	GATUNDA NYANGARA CENTRE MUHAMBO 906
D.Tank	-01 26' 51.17723"	30 13' 22.62108"	1425.75	2009/12/7	Mimuli Mahoro Shenga I 974
D.Tank	-01 26' 52.46449"	30 15' 08.59907"	1394.507	2009/12/7	Mimuli Mimuli Indahemuka 958
D.Tank	-01 26' 58.15999"	30 13' 02.36230"	1451.706	2009/12/7	Mimuli Mahoro Rebero 977
D.Tank	-01 26' 58.67326"	30 12' 49.74196"	1454.349	2009/12/7	Mimuli Mahoro Cyambwana 986
D.Tank	-01 27' 02.11169"	30 14' 44.81012"	1409.648	2009/12/7	Mimuli Mimuli Karukwanzi 960
D.Tank	-01 27' 27.75397"	30 07' 55.45175"	1715.105	2009/3/1	KIYOMBE KARUGUMBA GISHORO 972
D.Tank	-01 27' 28.01981"	30 07' 57.56581"	1716.547	2009/3/1	KIYOMBE KARUGUMBA GISHORO 971
D.Tank	-01 27' 31.39095"	30 14' 29.95354"	1401.477	2009/12/7	Mimuli Bibare Karukwanzi I 971
D.Tank	-01 27' 39.33206"	30 12' 57.78716"	1446.418	2009/12/7	Mimuli Mahoro Gitwe 990
D.Tank	-01 28' 01.84401"	30 14' 14.82810"	1401.237	2009/12/7	Mimuli Bibare Bibare 969
D.Tank	-01 28' 16.22655"	30 13' 12.44219"	1444.976	2009/12/7	Mimuli Gakoma Kumusaraba 991
D.Tank	-01 28' 46.60690"	30 15' 19.64516"	1475.738	2009/12/7	Mimuli Bibare Rwimirama 964
D.Tank	-01 28' 58.69615"	30 14' 42.68040"	1453.628	2009/12/7	Mimuli Bibare Nyamafura 967
D.Tank	-01 29' 05.92936"	30 17' 35.60975"	1525.486	2009/12/7	Katabagemu Rugazi Akabira 929
D.Tank	-01 29' 34.42770"	30 17' 03.71220"	1515.152	2009/12/7	Katabagemu Rugazi Ishyirahamwe 941
D.Tank	-01 30' 31.18810"	30 14' 54.91237"	1438.247	2009/2/24	NGARAMA KARAMBI KIMBUGU 605 Good condition lot of with water To be rehabilitation
D.Tank	-01 30' 39.10719"	30 15' 25.64514"	1568.024	2009/2/24	NGARAMA KARAMBI RUZIRANYENYENZI 601
D.Tank	-01 32' 00.98424"	30 16' 44.11607"	0	2009/12/7	NGARAMA KIGASHA IPERU 455 Not working
D.Tank	-01 32' 20.16096"	30 13' 18.94969"	1521.4	2009/12/7	NYAGIHANGANYABITARENARUBUYE570
D.Tank	-01 32' 40.00666"	30 11' 35.36786"	1717.268	2009/12/7	Nyagihanga Kibare Gashuri 810
D.Tank	-01 32' 41.55885"	30 22' 49.04015"	1473.335	2009/12/7	KABARORE SIMBWA RUHUHA 659
D.Tank	-01 32' 45.35817"	30 11' 43.52806"	1636.037	2009/12/7	Nyagihanga Kibare Gashuri 808
D.Tank	-01 32' 46.93903"	30 11' 41.36633"	1646.371	2009/12/7	Nyagihanga Kibare Gashuri 806
D.Tank	-01 32' 47.04313"	30 14' 31.90675"	0	2009/12/7	NGARAMA NGARAMA KIYOVU 392 In use
D.Tank	-01 32' 56.56963"	30 12' 56.75008"	1548.077	2009/12/7	NYAGIHANGAMAYANGENYARUBUYE564
D.Tank	-01 32' 56.95014"	30 14' 57.74608"	0	2009/12/7	NGARAMA NGARAMA KABEHO 393 Not in use
D.Tank	-01 33' 25.65427"	30 19' 25.62575"	1487.995	2009/12/7	KABARORE SIMBWA KIBONDO 651
D.Tank	-01 34' 02.92594"	30 19' 03.38959"	1467.808	2009/12/7	KABARORE MARIMBA RWIMBOGO 650
D.Tank	-01 34' 23.30453"	30 18' 41.54450"	1479.824	2009/12/7	KABARORE MARIMBA RWIMBOGO 648
D.Tank	-01 34' 32.95595"	30 12' 17.70260"	1531.254	2009/12/7	Nyagihanga Nyamirama Nyakabungo 831
D.Tank	-01 34' 39.01386"	30 18' 03.96324"	1461.319	2009/12/7	KABARORE MARIMBA MARIMBA 645
D.Tank	-01 35' 10.78858"	30 23' 41.24807"	1458.435	2009/12/7	RUKOMO GAHORORA RAMBURA 797
D.Tank	-01 35' 12.75869"	30 23' 39.94271"	1461.078	2009/12/7	RUKOMO GAHORORA RAMBURA 797
D.Tank	-01 35' 19.22456"	30 11' 05.59345"	1855.456	2009/12/7	Nyagihanga Murambi Kanyinya 815
D.Tank	-01 35' 23.89895"	30 18' 25.77452"	1453.628	2009/12/7	KABARORE MARIMBA NYARWANYI 644
D.Tank	-01 35' 51.76995"	30 18' 54.51307"	1475.017	2009/12/7	KABARORE MARIMBA KABARE 643
D.Tank	-01 36' 09.82809"	30 16' 03.10814"	1474.777	2009/12/7	GATSIBO MUGERA KAYISHA 515
D.Tank	-01 36' 17.33107"	30 19' 16.19792"	1397.632	2009/12/7	KABARORE MARIMBA KANTERI 639
D.Tank	-01 36' 17.51272"	30 16' 38.96159"	1481.747	2009/12/7	GATSIBO MUGERA MUGERA 505
D.Tank	-01 36' 20.26497"	30 16' 40.75338"	1494.484	2009/12/7	GATSIBO MUGERA MUGERA 506
D.Tank	-01 36' 27.57573"	30 11' 45.55612"	1771.341	2009/12/7	Nyagihanga Nyamirama Butumba 823
D.Tank	-01 36' 55.58976"	30 21' 54.14425"	1430.316	2009/12/7	KABARORE MARIMBA RUTENDERI 635
D.Tank	-01 36' 59.79342"	30 19' 00.30605"	1482.708	2009/12/7	GITOKI KARUBUNGO KARUBUNGO 487
D.Tank	-01 37' 02.61567"	30 19' 49.93972"	1473.095	2009/12/7	GITOKI KARUBUNGO NYARUGARAMA 502
D.Tank	-01 37' 14.54379"	30 20' 16.79744"	1436.084	2009/12/7	GITOKI KARUBUNGO GISHARARA 494
D.Tank	-01 37' 16.46291"	30 17' 29.37383"	1481.747	2009/12/7	KAGEYO BUSETSA NYARUBUYE 460
D.Tank	-01 37' 23.22841"	30 19' 04.98432"	1515.633	2009/12/7	GITOKI KARUBUNGO SARA 489
D.Tank	-01 37' 24.02835"	30 16' 03.77832"	1468.769	2009/12/7	KAGEYO BUSETSA RWIKUBO 484
D.Tank	-01 37' 52.42168"	30 20' 11.77274"	1445.457	2009/12/7	GITOKI KARUBUNGO GISHARARA 492
D.Tank	-01 41' 24.04334"	30 19' 06.54557"	1575.474	2009/12/7	REMERA NYAGAKOMBE NYAMAREBE 448
D.Tank	-01 41' 30.46033"	30 18' 29.07144"	1700.685	2009/12/7	REMERA NYAGAKOMBE KARUFURI 435 3m3
D.Tank	-01 42' 18.95705"	30 16' 56.50525"	1623.54	2009/12/7	KAGEYO GITUZA KABACUZI 457
D.Tank	-01 42' 19.55934"	30 19' 28.33604"	1773.745	2009/12/7	REMERA NYAGAKOMBE KABABITO 438 5m3
D.Tank	-01 43' 18.19481"	30 23' 46.10051"	0	2009/12/7	RUGARAMA BUGARAMA REBERO 223 In use
D.Tank	-01 44' 35.91376"	30 21' 46.86062"	1560.814	2009/2/17	KIZIGURO NDATEMWA GORORA 361
D.Tank	-01 46' 01.21474"	30 23' 02.01080"	1585.087	2009/2/18	KIZIGURO AGAKOMEYE ISHANTI 392

4.1 Données de localisation de tous les ouvrages (28/55)

Name	Latitude	Longitude	Alti	Date	Comments
D.Tank	-01 46' 12.10002"	30 23' 07.57687"	1585.087	2009/2/17	KIZIGURO NDATEMWA AGAKOMEYE 327
D.Tank	-01 46' 19.95212"	30 23' 12.04152"	1577.157	2009/2/17	KIZIGURO AGAKOMEYE ISHANTI 381
D.Tank	-01 54' 26.31369"	30 30' 53.08913"	1590.375	2009/9/23	Distribution Tank
E Box	-01 25' 03.03901"	30 12' 35.31445"	1425.029	2009/12/7	Mukama Rugarama Byimana 021
E Box	-01 25' 16.66929"	30 14' 04.89394"	1388.74	2009/12/7	Mukama Bufunda Nyakajeje 004
E Box	-01 27' 01.95689"	30 17' 52.22944"	1489.677	2009/12/7	Katabagemu Kigarama Kibuye 907
E Box	-01 27' 36.76117"	30 16' 23.72178"	1442.333	2009/12/7	Katabagemu Bayigaburire Nyagahandagaza 895
E Box	-01 27' 42.05082"	30 16' 48.56412"	1407.005	2009/12/7	Katabagemu Bayigaburire Agasasa 898
E Box	-01 28' 34.89211"	30 12' 51.63844"	1466.125	2009/12/7	Mimuli Gakoma Nyarwina 994
Gatsibo	-01 37' 29.85964"	30 23' 12.89004"	1499.291	2008/12/2	Gatsibo
Hotel	-01 17' 28.00195"	30 19' 39.00587"	1364.707	2008/12/2	Hotel Blue sky
HP	-02 04' 21.84788"	30 12' 04.66495"	1347.884	2009/3/13	.08 breakdown
HP	-02 04' 27.86444"	30 14' 03.74518"	1351.729	2009/3/13	.06 Breakdown
HP	-02 08' 11.73348"	30 13' 30.62312"	1343.798	2009/3/13	.04Breakdown
HP	-02 13' 58.38549"	30 06' 05.35126"	1351.249	2009/3/23	148.6 ms/m 25.8
HP	-02 12' 23.46000"	30 06' 38.64000"	1387.538	2009/3/23	Kagenge
HP	-02 12' 43.78963"	30 05' 24.36083"	1387.298	2009/3/23	32 ms/m 24.1
HP	-02 12' 45.06271"	30 02' 23.00636"	1376.243	2009/3/17	17-mar-09 .04
HP	-02 12' 46.67948"	30 06' 38.90178"	1369.754	2009/3/23	Kagenge
HP	-02 12' 57.48000"	30 05' 28.86000"	1369.514	2009/3/23	
HP	-02 13' 28.02000"	30 08' 46.02000"	0		
HP	-02 13' 38.55246"	30 06' 07.70036"	1351.008	2009/3/23	
HP	-02 13' 59.50739"	30 06' 43.30458"	1358.939	2009/3/23	broken
HP	-02 14' 04.02000"	30 08' 46.65000"	0		
HP	-02 14' 08.13589"	30 07' 20.77543"	1357.497	2009/3/23	2008 142 ms/m 25.6
HP	-02 14' 09.12000"	30 07' 58.92000"	0		
HP	-02 08' 30.11720"	30 00' 43.75343"	1354.133	2009/3/16	16-mar-09 .12
HP	-02 09' 44.79664"	30 00' 41.19070"	1358.699	2009/3/16	11.breakdown
HP	-02 10' 09.78383"	30 01' 52.46699"	1374.801	2009/3/16	16-mar-09 .08
HP	-02 10' 27.36853"	30 00' 46.17497"	1365.188	2009/3/16	16-mar-09 .10
HP	-02 11' 00.33304"	29 59' 42.22241"	1347.644	2009/3/16	16-mar-09 .16
HP	-02 11' 02.56327"	30 01' 55.66220"	1405.322	2009/3/16	07.breakdown
HP	-02 11' 29.34586"	29 59' 38.67504"	1349.326	2009/3/16	16-mar-09 .15
HP	-02 12' 12.77200"	29 59' 27.95813"	1358.458	2009/3/17	12.breakdown
HP	-02 12' 34.64454"	30 02' 26.00002"	1378.886	2009/3/17	03.breakdown
HP	-02 12' 38.13728"	30 00' 21.81420"	1359.179	2009/3/17	11.breakdown
HP	-02 12' 40.19370"	29 59' 39.38413"	1350.768	2009/3/17	17-mar-09 .13
HP	-02 12' 42.46586"	30 00' 21.81902"	1357.737	2009/3/17	17-mar-09 .10
HP	-02 12' 54.25246"	30 01' 30.27490"	1395.229	2009/3/17	17-mar-09 .06
HP	-02 13' 13.96931"	30 01' 37.09654"	1373.839	2009/3/17	17-mar-09 .07
HP	-02 13' 21.62045"	30 02' 17.23906"	1355.574	2009/3/17	17-mar-09 .05
HP	-02 13' 30.50574"	30 01' 13.88726"	1358.699	2009/3/17	17-mar-09 .09
HP	-02 13' 32.32498"	30 01' 35.11916"	1361.342	2009/3/17	08.breakdown
HP	-02 13' 38.78400"	30 03' 32.14800"	0		
HP	-02 13' 40.58400"	30 05' 21.33600"	0		
HP	-02 04' 13.80000"	30 09' 33.12000"	1347.163	2009/3/11	11-mar-09 .02
HP	-02 05' 51.06000"	30 07' 02.58000"	1348.605	2009/3/11	11-mar-09 .06
HP	-02 04' 07.31688"	30 02' 27.30628"	1353.411	2009/3/12	12-mar-09 .07
HP	-02 04' 30.58320"	30 04' 37.47698"	1345.481	2009/3/12	12-mar-09 .12
HP	-02 05' 03.76800"	30 03' 41.76000"	1348.124	2009/3/12	12-mar-09 .13
HP	-02 05' 45.06378"	30 06' 26.69062"	1339.953	2009/3/11	11-mar-09 .08
HP	-02 06' 25.75185"	30 02' 22.25080"	1356.536	2009/3/12	12-mar-09 .04
HP	-02 06' 25.95342"	30 02' 20.56038"	1355.334	2009/3/12	12-mar-09 .03
HP	-02 06' 29.27839"	30 04' 27.91153"	1363.986	2009/3/12	12-mar-09 .10
HP	-02 06' 32.40088"	30 04' 33.52768"	1361.583	2009/3/12	12-mar-09 .11
HP	-02 07' 13.91212"	30 04' 28.30170"	1359.9	2009/3/11	11-mar-09 .09
HP	-02 07' 59.79540"	30 06' 09.29513"	1338.271	2009/3/11	11-mar-09 .07
HP	-02 08' 00.38743"	30 03' 51.87038"	1364.947	2009/3/10	10-mar-09 .22
HP	-02 08' 01.62000"	30 05' 21.00000"	0		
HP	-02 08' 09.60000"	30 05' 28.92000"	0		
HP	-02 08' 50.51057"	30 04' 46.32002"	1371.196	2009/3/10	10-mar-09 .19
HP	-02 09' 02.81316"	30 02' 48.01769"	1359.66	2009/3/10	10-mar-09 .24
HP	-02 09' 12.42000"	30 03' 32.14800"	0		
HP	-02 09' 20.88000"	30 02' 15.68400"	0		
HP	-02 08' 06.72324"	30 06' 51.55891"	1362.303	2009/3/10	10-mar-09 .08

4.1 Données de localisation de tous les ouvrages (29/55)

Name	Latitude	Longitude	Alti	Date	Comments
HP	-02 08' 24.26026"	30 07' 28.33180"	1371.677	2009/3/10	10-mar-09 .09
HP	-02 08' 35.81965"	30 07' 33.94888"	1373.599	2009/3/10	10-mar-09.10
HP	-02 09' 01.02560"	30 04' 55.26656"	1371.196	2009/3/10	10-mar-09 .18
HP	-02 09' 19.38000"	30 05' 41.64000"	0		
HP	-02 09' 37.69529"	30 04' 22.98580"	1384.895	2009/3/10	10-mar-09 .12
HP	-02 10' 27.30000"	30 04' 34.35600"	0		
HP	-02 10' 53.41244"	30 08' 58.18438"	1395.469	2009/3/23	Gakamba
HP	-02 10' 57.77904"	30 07' 06.20159"	1408.206	2009/3/10	10-mar-09 .11
HP	-02 10' 13.08556"	30 12' 54.34272"	1344.039	2009/3/13	10.breakdown
HP	-02 21' 26.38800"	30 12' 18.50400"	0		
HP	-01 48' 03.52548"	30 18' 31.71053"	1503.857	2009/1/29	28-jan-09 .16
HP	-01 48' 15.16332"	30 18' 37.28200"	1502.174	2009/1/29	28-jan-09 .14
HP	-01 48' 20.72455"	30 18' 13.59205"	1578.358	2009/1/29	28-jan-09 .17
HP	-01 48' 25.52567"	30 18' 53.67632"	1497.368	2009/1/29	28-jan-09 .15
HP	-01 38' 15.11377"	30 23' 04.73439"	0		Bukomane Bukomane
HP	-01 32' 34.11379"	30 21' 23.54140"	1369.273	2009/12/7	KABARORE SIMBWA SIMBWA 656
HP	-01 33' 28.34660"	30 20' 03.87944"	1370.715	2009/12/7	KABARORE SIMBWA KIBONDO 652
HP	-01 34' 03.90236"	30 22' 59.54684"	1401.237	2009/12/7	KABARORE SIMBWA SIMBWA 657
HP	-01 35' 10.38242"	30 26' 14.93794"	1392.104	2009/2/24	KABARORE NYABIKIRI NYABIKIRI 612 Good condition
HP	-01 35' 26.89410"	30 23' 45.03865"	1425.269	2009/2/24	KABARORE NYABIKIRI NGARAMA 616 Good condition with lot of water To be Rehabilitation
HP	-01 35' 46.02164"	30 24' 58.78418"	1449.783	2009/2/24	KABARORE NYABIKIRI NGARAMA 615 Good condition with a lot of water To be Rehabilitation
HP	-01 36' 04.95055"	30 19' 50.23061"	1375.041	2009/12/7	KABARORE MARIMBA RUTENDERI 636
HP	-01 36' 07.50334"	30 19' 12.20791"	1409.408	2009/12/7	Gitoki Rubira Burehe 766
HP	-01 36' 09.47595"	30 25' 25.65307"	1461.559	2009/2/24	KABARORE NYABIKIRI NYABIKIRI 614 Good condition
HP	-01 36' 19.41645"	30 25' 55.08682"	1461.319	2009/2/24	KABARORE KARENKE KARENKE 613 Good condition alot of water To be Rehabilitation
HP	-01 36' 34.79178"	30 23' 40.51447"	1472.614	2009/2/24	KABARORE NYABIKIRI KABEZA 610 Good condition
HP	-01 36' 35.95770"	30 23' 02.47250"	1447.139	2009/2/24	KABARORE NYABIKIRI KABEZA 617 Good Condition
HP	-01 36' 41.09316"	30 23' 45.24112"	1470.691	2009/2/24	KABARORE KARENKE NYARUBUYE 619 Good Condition with lot of water To be rehabilitation
HP	-01 36' 43.74070"	30 23' 52.30234"	1475.738	2009/2/24	KABARORE NYABIKIRI KABEZA 611 Good condition with a lot of water Tobe Rehabiritation
HP	-01 36' 43.90455"	30 23' 16.42355"	1446.899	2009/2/24	KABARORE NYABIKIRI KABEZA 618 Good Condition
HP	-01 37' 06.95723"	30 23' 11.36864"	1480.064	2009/12/7	KABARORE KARENKE NYARUBUYE 625
HP	-01 38' 05.51784"	30 23' 02.31169"	0		Kabingo
HP	-01 47' 00.19903"	30 24' 06.68275"	1488.235	2009/1/21	21-jan-09 .18
HP	-01 47' 46.10796"	30 23' 19.71319"	1470.451	2009/1/21	21-jan-09 .21
HP	-01 47' 55.66011"	30 25' 46.36661"	1472.374	2009/1/21	21-jan-09 .06
HP	-01 48' 05.58401"	30 25' 48.58626"	1465.645	2009/1/21	21-jan-09 .05
HP	-01 48' 57.98445"	30 24' 21.83656"	1465.404	2009/1/22	22-jan-09 .27
HP	-01 49' 08.68088"	30 24' 20.39829"	0		Businde
HP	-01 49' 28.00954"	30 25' 29.27758"	0		Mataba
HP	-01 45' 18.77291"	30 21' 49.94453"	1506.26	2009/12/7	Kiziguro Murambi Ryampunga
HP	-01 45' 22.29311"	30 26' 05.91868"	0	2009/12/7	KIZIGURO MBOGO AKABUYE 215
HP	-01 46' 28.51001"	30 26' 33.58331"	1521.16	2009/12/7	Kiziguro Rubona Rubindi 682
HP	-01 44' 36.73389"	30 21' 55.63466"	0		Ryanyagapfumu
HP	-01 45' 29.10802"	30 21' 50.06487"	0		Mataba I
HP	-01 46' 12.54962"	30 20' 46.98470"	1519.958	2009/1/27	27-jan-09 .11
HP	-01 46' 20.19162"	30 20' 44.29219"	0		Mataba II
HP	-01 46' 21.36854"	30 21' 10.80347"	0		Ryampunga II
HP	-01 46' 21.68011"	30 21' 01.23248"	0		Ryampunga I
HP	-01 47' 41.34025"	30 21' 11.10943"	0		Kiniga I
HP	-01 47' 41.75252"	30 21' 44.85431"	1484.871	2009/1/27	27-jan-09 .13
HP	-01 47' 45.07905"	30 21' 31.57113"	0		Kiniga ii
HP	-01 47' 57.49172"	30 22' 05.43902"	0		Bushenyi
HP	-01 48' 37.14940"	30 21' 18.91819"	0		Kagenge
HP	-01 48' 43.55484"	30 21' 41.25989"	1474.056	2009/1/26	23-jan-09 .15
HP	-01 48' 46.44602"	30 21' 13.18163"	0		Kinunga
HP	-01 48' 53.06436"	30 21' 44.63285"	0		Nyakabanda
HP	-01 48' 57.97359"	30 21' 52.28064"	1472.614	2009/1/26	23-jan-09 .14
HP	-01 49' 30.84275"	30 21' 37.99166"	1458.435	2009/1/26	23-jan-09 .17
HP	-01 40' 17.67273"	30 27' 03.43925"	1354.373	2009/12/7	RUGARAMA MATUNGURU RAMBURA 418
HP	-01 40' 22.50075"	30 27' 37.90098"	0		Tinigiro

4.1 Données de localisation de tous les ouvrages (30/55)

Name	Latitude	Longitude	Alti	Date	Comments
HP	-01 40' 32.34869"	30 27' 49.99176"	1337.31	2009/12/7	RUGARAMA MATUNGURU TUNGIRO
HP	-01 40' 36.51382"	30 25' 50.63193"	0		Nyabubare II
HP	-01 40' 53.49614"	30 26' 38.30180"	1345	2009/12/7	RUGARAMA MATUNGURU KABEZA 409
HP	-01 41' 15.06558"	30 27' 25.41670"	1343.077	2009/12/7	RUGARAMA MATUNGURU NYENYERI 416
HP	-01 41' 24.96576"	30 25' 53.73714"	0		Nyabubare I
HP	-01 42' 04.33763"	30 26' 48.30439"	1367.831	2009/12/7	RUGARAMA MATUNGURU NYAMATA 414
HP	-01 42' 17.29770"	30 26' 51.44898"	0		Rukundo I
HP	-01 42' 59.70439"	30 26' 34.87003"	1377.204	2009/12/7	RUGARAMA MATUNGURU NYAAMIRAMBO 413
HP	-01 31' 51.53089"	30 34' 13.22162"	1317		Mucucu IV
HP	-01 33' 33.06616"	30 35' 44.97064"	1357	2009/12/7	RWIMBOGO MUNINI MUCUCU 484 Working
HP	-01 35' 55.60457"	30 27' 53.87224"	0	2009/12/7	RWIMBOGO NYAMATETE KIDUGUDU 488 Working
HP	-01 36' 07.50070"	30 33' 43.07011"	0	2009/12/7	RWIMBOGO MUNINI GIKOBWA Working
HP	-01 36' 14.47230"	30 30' 40.76572"	0	2009/12/7	RWIMBOGO MUNINI MUNINI 483 Working
HP	-01 36' 17.50427"	30 29' 52.93014"	0	2009/12/7	RWIMBOGO RWIKINIRO NDAMA II 470 Not working
HP	-01 36' 36.22134"	30 29' 39.85747"	0		Ndama I
HP	-01 36' 46.45281"	30 27' 57.30977"	0	2009/12/7	RWIMBOGO NYAMATETE RWIMINAZI 487 Working
HP	-01 37' 23.64754"	30 26' 58.58225"	0	2009/12/7	RWIMBOGO NYAMATETE GASHENYI 489 Not working
HP	-01 37' 25.07591"	30 29' 50.98514"	0	2009/12/7	GITOKO BUKOMANE BUKOMANE 322
HP	-01 37' 32.81107"	30 25' 52.19361"	1437		Ndama
HP	-01 37' 42.16766"	30 26' 16.36642"	0		Nyamateete Gashenyi
HP	-01 38' 53.84562"	30 27' 20.87741"	1374.56	2009/12/7	RWIMBOGO RWIKINIRO KARAMBI 475 Working
HP	-01 38' 50.94007"	30 30' 19.35846"	1350.528	2009/10/1	Kabeza II HP
HP	-01 39' 19.44173"	30 27' 55.39788"	1346.923	2009/12/7	RWIMBOGO RWIKINIRO BYIMANA 473 Working
HP	-01 39' 21.19911"	30 24' 04.87166"	1425.029	2009/12/7	RWIMBOGO KIBURARA RUBIRIZI 481 Working
HP	-01 39' 37.71079"	30 24' 26.34649"	1401.718	2009/12/7	RWIMBOGO KIBURARA ISANGANO 480 Working
HP	-01 39' 43.48849"	30 27' 38.43602"	1339.232	2009/12/7	RWIMBOGO RWIKINIRO BYIMANA 474 Working
HP	-01 39' 49.51036"	30 26' 07.56020"	0		Kiburara Rugando
HP	-01 39' 53.72900"	30 27' 06.50945"	1349.566	2009/12/7	RWIMBOGO RWIKINIRO KABUSUNZU 476 Working
HP	-01 39' 55.36187"	30 24' 39.49790"	1384.414	2009/12/7	RWIMBOGO KIBURARA KIBURARA 479 Working
HP	-01 40' 01.96654"	30 29' 53.20050"	1340.674	2009/12/7	RWIMBOGO MUNINI MAREMBO 486 Not working
HP	-01 40' 04.38053"	30 24' 56.22203"	1372.878	2009/12/7	RWIMBOGO KIBURARA KIBURARA 478 Working
HP	-01 44' 17.38454"	30 34' 55.68974"	0		Kahi
HP	-01 45' 12.76510"	30 35' 31.69082"	1382.251	2009/1/13	13-jan-09 .16 broken
HP	-01 46' 53.87914"	30 22' 51.06985"	0		Tsima II
HP	-01 48' 38.36935"	30 34' 12.50112"	0		Julu II
HP	-01 48' 41.78792"	30 33' 01.80376"	0		Rubabiro (Rubaliro)
HP	-01 48' 56.37022"	30 33' 04.98568"	0		Juru I
HP	-01 49' 12.42144"	30 33' 11.52882"	0		Gisenga
HP	-01 49' 42.78868"	30 34' 28.11090"	1495.686	2009/1/13	13-jan-09 .10
HP	-01 49' 47.17248"	30 33' 17.37983"	1454.109	2009/1/13	13-jan-09 .13
HP	-01 49' 59.36251"	30 33' 04.82738"	1445.457	2009/1/13	13-jan-09 .14
HP	-01 50' 12.39778"	30 35' 37.91384"	0		Tsima I
HP	-01 51' 02.35347"	30 33' 19.72287"	0		Kibombwe
HP	-01 59' 31.52175"	30 34' 09.42964"	1455.31	2008/12/22	Mwenge 31
HP	-02 00' 13.80426"	30 34' 31.81516"	1425.269	2008/12/22	Breakdown 32
HP	-02 01' 03.48655"	30 34' 24.71290"	1440.41	2008/12/22	Gashikiro 33
HP	-01 44' 03.24699"	30 23' 46.71279"	1413.493	2009/12/7	Kiziguro Ndatemwa Akamamesa 647
HP	-01 44' 20.64675"	30 23' 41.58026"	0		Nyagashenyi Ii
HP	-01 45' 35.76912"	30 22' 52.78206"	1475.498	2009/2/18	KIZIGURO AGAKOMEYE AKABINGO 387
HP	-01 46' 18.99678"	30 26' 42.84517"	1474.296	2009/12/7	Kiziguro Rubona Rubindi 683
HP	-01 46' 57.45234"	30 23' 28.33172"	0	2009/2/18	KIZIGURO AGAKOMEYE ISANGANO 386
HP	-01 46' 58.53272"	30 24' 18.77175"	0	2009/12/7	Kiziguro RUBONA Rubira 668
HP	-01 54' 01.74000"	30 30' 19.08000"	0		
HP	-01 54' 39.95755"	30 31' 16.29027"	1470		
HP	-01 39' 00.22517"	30 35' 14.68547"	1314.959	2009/1/19	19-jan-09 .33
HP	-01 39' 51.15730"	30 31' 52.47142"	1373.599	2009/1/19	16-jan-09 .21
HP	-01 40' 24.04427"	30 31' 55.86701"	1381.049	2009/1/19	16-jan-09 .20
HP	-01 40' 57.06371"	30 28' 58.62793"	1342.356	2009/1/15	Ngumeri
HP	-01 41' 59.35566"	30 27' 54.62166"	1357.497	2009/1/19	Mukabasaza
HP	-01 42' 04.65296"	30 29' 03.48018"	1342.116	2009/1/15	15-jan-09 .32
HP	-01 42' 35.06740"	30 28' 07.83220"	1367.11	2009/1/19	Nyagashanga
HP	-01 42' 36.29467"	30 26' 47.73779"	1362.063	2009/1/19	Rwisheke
HP	-01 42' 54.01841"	30 28' 42.72920"	0		Nyamirama

4.1 Données de localisation de tous les ouvrages (31/55)

Name	Latitude	Longitude	Alti	Date	Comments
HP	-01 42' 59.16775"	30 34' 15.41723"	1438.488	2009/1/19	19-jan-09 .32
HP	-01 43' 04.81512"	30 32' 46.39982"	0		Murugunga
HP	-01 43' 20.05629"	30 29' 36.89884"	1359.66	2009/1/19	16-jan-09 .29
HP	-01 43' 30.01704"	30 29' 40.10989"	1352.931	2009/1/19	Nyamirama II
HP	-01 43' 33.11513"	30 29' 20.80141"	0		Nyamirama I
HP	-01 43' 34.45362"	30 30' 04.16513"	1345.24	2009/1/19	16-jan-09 .31
HP	-01 43' 39.75051"	30 27' 10.40144"	1406.524	2009/1/19	19-jan-09 .39
HP	-01 43' 41.43702"	30 30' 03.79714"	0		Macuba
HP	-01 44' 11.09253"	30 30' 09.72785"	1379.607	2009/1/19	16-jan-09 .25
HP	-01 44' 18.18703"	30 30' 13.99950"	0		Kinunga
HP	-01 44' 24.76355"	30 29' 17.44361"	1393.306	2009/1/19	16-jan-09 .28
HP	-01 44' 25.63077"	30 32' 29.47697"	1364.707	2009/1/19	19-jan-09 .34
HP	-01 45' 26.56581"	30 32' 02.10849"	0		Ryakarenzi
HP	-01 47' 50.77125"	30 29' 08.49159"	0		Nyange
HP	-01 50' 11.36352"	30 38' 57.55492"	1306		Kageyo 2
HP	-01 50' 25.35188"	30 40' 07.75052"	0		Sebasengo
HP	-01 50' 46.44069"	30 39' 43.88703"	0		Rwisirabo 2
HP	-01 51' 10.86508"	30 34' 20.18647"	0		Rwisirabo 3
HP	-01 51' 11.30331"	30 39' 43.85447"	0		Rwisirabo I
HP	-01 51' 52.64901"	30 35' 55.76006"	0		Kigarama
HP	-01 52' 08.92222"	30 34' 00.18549"	0		Nyakabungo I
HP	-01 52' 32.07270"	30 33' 47.08813"	0		Murwiri I
HP	-01 53' 19.81518"	30 36' 34.12728"	0		Kabeza (Rwisirabo)
HP	-01 53' 27.77520"	30 33' 42.38602"	0		Murwiri 2
HP	-01 53' 29.70077"	30 38' 03.40948"	0		Ndago II
HP	-01 53' 35.09401"	30 33' 40.43537"	0		Rubonobono
HP	-01 50' 14.50003"	30 38' 46.38318"	1308.47	2009/1/7	02-jan-09 .04
HP	-01 50' 25.49786"	30 39' 09.72554"	1309.672	2009/1/7	02-jan-09 .03
HP	-01 50' 38.75609"	30 39' 35.73414"	1310.393	2009/1/7	02-jan-09 .05
HP	-01 51' 13.58511"	30 38' 55.16102"	1312.556	2009/1/7	02-jan-09 .02
HP	-01 51' 21.79538"	30 38' 55.77209"	1313.998	2009/1/7	02-jan-09 .01
HP	-01 52' 13.74803"	30 35' 59.33429"	1369.514	2009/1/7	02-jan-09 .13
HP	-01 52' 39.83117"	30 38' 05.89394"	1321.928	2009/1/7	02-jan-09 .07
HP	-01 52' 41.33086"	30 36' 17.46817"	1355.334	2009/1/7	02-jan-09 .11
HP	-01 53' 12.73352"	30 36' 36.60988"	1343.798	2009/1/7	02-jan-09 .08
HP	-01 53' 20.86203"	30 33' 45.70164"	1495.205	2009/1/7	05-jan-09 .33
HP	-01 54' 40.72098"	30 40' 48.17521"	1346.682	2008/12/19	19-dec-08 .06
HP	-01 45' 29.26501"	30 27' 32.88834"	1503.376	2009/1/15	14-jan-09 .11
HP	-01 45' 57.89672"	30 27' 33.87899"	1489.677	2009/1/15	14-jan-09 .10
HP	-01 45' 59.79200"	30 27' 36.52621"	1497.849	2009/1/15	14-jan-09 .12
HP	-01 46' 04.13386"	30 27' 41.18342"	1490.638	2009/1/15	14-jan-09 .13
HP	-01 46' 07.62448"	30 27' 48.31978"	1495.926	2009/1/15	14-jan-09 .14
HP	-01 46' 09.25725"	30 27' 56.19931"	1498.089	2009/1/15	14-jan-09 .15
HP	-01 47' 13.14797"	30 26' 55.48963"	1470.932	2009/1/15	14-jan-09 .17
HP	-01 47' 19.28181"	30 26' 53.62805"	0		Nyarukarishya i
HP	-01 47' 36.82617"	30 26' 56.14955"	1476.219	2009/1/15	14-jan-09 .16
HP	-01 47' 53.70798"	30 26' 54.64741"	0		Ryamuremba
HP	-01 47' 59.75031"	30 27' 03.06835"	1462.04	2009/1/15	14-jan-09 .18
HP	-01 48' 00.81277"	30 27' 25.97440"	1467.808	2009/1/15	14-jan-09 .19
HP	-01 48' 05.01690"	30 27' 30.84808"	0		Ryabagagari
HP	-01 48' 50.54756"	30 26' 39.21785"	1459.156	2009/1/15	15-jan-09 .25
HP	-01 49' 01.70086"	30 26' 47.17977"	0		Kishaba
HP	-01 49' 09.98167"	30 27' 45.52888"	1455.07	2009/1/15	15-jan-09 .28
HP	-01 49' 19.77452"	30 27' 43.71080"	0		Butimba II
HP	-01 49' 26.43270"	30 27' 28.77642"	1451.706	2009/1/15	15-jan-09 .27
HP	-01 49' 58.70893"	30 26' 54.93412"	1454.589	2009/1/15	15-jan-09 .26
HP	-01 50' 11.06251"	30 29' 21.07080"	0		Kabuga
HP	-01 59' 41.13003"	30 28' 29.54737"	1379.367	2009/1/8	08-jan-09 .09
HP	-02 00' 35.79026"	30 29' 05.04564"	1363.024	2009/1/8	08-jan-09 .04
HP	-02 01' 29.19100"	30 29' 13.31657"	1360.141	2009/1/8	08-jan-09 .03
HP	-02 02' 05.15641"	30 29' 06.75809"	1363.986	2009/1/8	08-jan-09 .02
HP	-01 54' 14.79474"	30 36' 29.32146"	1343.318	2008/12/22	22-dec-08 .10
HP	-01 55' 24.37705"	30 40' 30.91429"	1369.273	2008/12/19	19-dec-08 .07

4.1 Données de localisation de tous les ouvrages (32/55)

Name	Latitude	Longitude	Alti	Date	Comments
HP	-01 55' 56.99757"	30 35' 10.63662"	1416.618	2008/12/19	19-dec-08 .40
HP	-01 56' 16.60187"	30 36' 13.92415"	1341.876	2008/12/19	19-dec-08 .33
HP	-01 57' 09.29742"	30 36' 38.39472"	1375.281	2008/12/19	19-dec-08 .42
HP	-01 57' 30.48318"	30 36' 37.06009"	1369.514	2008/12/22	22-dec-08 .2
HP	-01 57' 37.94542"	30 37' 47.50540"	1442.333	2008/12/19	19-dec-08 .20
HP	-01 57' 44.63911"	30 35' 22.64770"	1355.815	2008/12/22	22-dec-08 .17
HP	-01 57' 46.12673"	30 37' 14.34353"	1416.137	2008/12/19	19-dec-08 .21
HP	-01 57' 48.91579"	30 35' 05.42029"	1366.389	2008/12/22	22-dec-08 .18
HP	-01 58' 00.84270"	30 34' 54.95052"	1365.428	2008/12/22	22-dec-08 .19
HP	-01 58' 08.67157"	30 35' 58.51234"	1379.848	2008/12/22	22-dec-08 .16
HP	-01 58' 24.79278"	30 34' 47.32684"	1377.685	2008/12/22	22-dec-08 .20
HP	-01 58' 41.41068"	30 34' 48.66236"	1383.693	2008/12/22	22-dec-08 .21
HP	-01 58' 57.33033"	30 34' 46.87151"	1386.336	2008/12/22	22-dec-08 .22
HP	-01 59' 09.85410"	30 34' 42.53354"	1398.353	2008/12/22	22-dec-08 .23
HP	-02 17' 25.18853"	30 34' 00.05160"	1344.279	2008/12/8	HP Afridev
HP	-02 19' 19.80770"	30 33' 43.05139"	1356.536	2008/12/8	Rwabutazi
HP	-02 13' 16.86700"	30 28' 36.72656"	1370.956	2009/1/22	Karisizo/Birenga/Broken hand pump/1970's/by Japan
HP	-02 11' 48.53194"	30 33' 50.74085"	1376.964	2009/1/15	Mvumba(Murama) 37
HP	-02 12' 23.90199"	30 33' 40.81694"	1374.801	2009/1/28	
HP	-02 13' 02.50619"	30 33' 30.66131"	1368.792	2009/1/28	
HP	-02 13' 27.80237"	30 33' 24.16374"	1380.809		
HP	-02 13' 41.90180"	30 33' 20.23270"	0		
HP	-02 14' 02.83990"	30 33' 20.90545"	1367.11	2009/1/28	
HP	-02 14' 13.35463"	30 33' 18.36353"	1370.475	2009/1/28	
HP	-02 14' 33.11611"	30 33' 10.65399"	0		
HP	-02 14' 54.05145"	30 33' 10.25104"	1371.677	2009/1/28	Nouse
HP	-02 15' 24.33041"	30 33' 01.93634"	1376.243	2009/1/28	
HP	-02 15' 44.90754"	30 32' 55.67385"	1363.986	2009/1/28	
HP	-02 16' 28.28570"	30 32' 55.89143"	1347.884	2009/1/28	
HP	-02 16' 35.88675"	30 32' 58.69676"	1363.986	2009/1/28	Abandoned
HP	-02 09' 22.70685"	30 37' 51.63622"	1558.171	2009/1/15	nouse 3yers 21
HP	-02 05' 07.23870"	30 27' 17.43066"	1342.356	2008/12/30	Gisaya nowork
HP	-02 05' 21.47218"	30 29' 08.38118"	1367.11	2008/12/30	Amashya work 1988 15
HP	-02 05' 50.99103"	30 29' 23.64090"	1357.497	2008/12/30	nouse 16
HP	-02 06' 36.76115"	30 29' 59.27438"	1360.862	2008/12/30	work 1988 17
HP	-02 06' 46.83140"	30 30' 28.37772"	1366.149	2008/12/30	work 1988 18
HP	-01 21' 21.30913"	30 27' 48.96119"	0		Kamate
HP	-01 22' 04.72887"	30 25' 57.65200"	1353.652	2009/12/7	Nyagatare Kamate Kamate 879
HP	-01 23' 00.64498"	30 24' 53.97671"	1344.039	2009/12/7	Nyagatare Kamate Bugarama 878
HP	-01 23' 14.79290"	30 23' 42.85051"	1352.45	2009/12/7	Nyagatare Rwisirabo Gakoma 871
HP	-01 23' 30.81772"	30 23' 19.20232"	1356.536	2009/12/7	Karangazi Mbare Mbare 868
HP	-01 23' 39.40574"	30 22' 58.37247"	1358.699	2009/12/7	Karangazi Mbare Kajumu
HP	-01 24' 03.00371"	30 23' 06.71928"	1361		Karangazi I
HP	-01 24' 14.45146"	30 23' 07.82581"	1357.257	2009/12/7	Nyagatare Rwirabo Karangazi 872
HP	-01 24' 30.00871"	30 24' 54.31918"	1357.737	2009/12/7	Nyagatare Ndama Akanyeli 880
HP	-01 24' 42.85445"	30 25' 37.50636"	1352.45	2009/12/7	Nyagatare Ndama Ndama 881
HP	-01 24' 51.84764"	30 28' 04.70833"	1335.627	2009/12/7	Nyagatare Nyamirama Akayange 882
HP	-01 25' 11.69406"	30 23' 42.06131"	1354.133	2009/12/7	Nyagatare Kizirakome Rwiwemera 884
HP	-01 25' 22.01812"	30 21' 56.28507"	1357.978	2009/12/7	Karangazi Mbare Mbare 867
HP	-01 25' 22.19642"	30 27' 21.78338"	1344.039	2009/12/7	Nyagatare Ndama Rwaharamba 883
HP	-01 27' 34.17124"	30 26' 30.93232"	0		Nyagashanga
HP	-01 29' 59.78806"	30 23' 29.06945"	0		Musenyi I
HP	-01 30' 15.48312"	30 23' 39.55797"	1362		Musenyi II
HP	-01 31' 36.09991"	30 22' 39.84532"	0		Karama
HP	-01 26' 28.85327"	30 18' 26.57747"	1399.795	2009/12/7	Katabagemu Rutoma Kabeza 910
HP	-01 26' 45.44412"	30 16' 31.95029"	0		Kajevuba
HP	-01 26' 53.29635"	30 20' 46.90180"	1472		Nyakigando
HP	-01 27' 36.16702"	30 17' 02.25445"	1390.422	2009/12/7	Katabagemu Katabagemu Nyabwunyu 904
HP	-01 27' 42.47169"	30 19' 37.69554"	1397.151	2009/12/7	Katabagemu Nyakigando Byimana 924
HP	-01 28' 15.53102"	30 18' 51.08216"	1390.182	2009/12/7	Katabagemu Rubira Isangano 927
HP	-01 28' 15.83851"	30 17' 06.60174"	1392.585	2009/12/7	Katabagemu Bayigaburire Agasasa 902
HP	-01 28' 35.79857"	30 18' 17.38289"	1431.038	2009/12/7	Katabagemu Rubira Igitego 926
HP	-01 29' 10.69065"	30 16' 04.11989"	1414.935	2009/12/7	Katabagemu Bayigaburire Byimana 943

4.1 Données de localisation de tous les ouvrages (33/55)

Name	Latitude	Longitude	Alti	Date	Comments
HP	-01 29' 59.09111"	30 19' 02.85762"	1383.693	2009/12/7	Katabagemu Rubira Igitego 928
HP	-01 25' 45.90148"	30 20' 35.32481"	1377.204	2009/12/7	Katabagemu Kaduha Nbiyonza 917
HP	-01 03' 23.31703"	30 27' 03.26628"	1300.54	2009/12/7	MATIMBA KAGITUMBA MUVUMBA 667
HP	-01 03' 32.16007"	30 27' 48.28867"	1296.454	2009/12/7	MATIMBA KAGITUMBA MUVUMBA 668
HP	-01 03' 44.26330"	30 26' 14.38836"	1303		Cyembogo I
HP	-01 03' 53.14185"	30 27' 13.24058"	1305.106	2009/12/7	MATIMBA KIMBOGO KABEZA 677
HP	-01 03' 57.17442"	30 24' 32.50883"	1297.896	2009/12/7	MATIMBA RWENTANGA KAGEZI II 687
HP	-01 04' 15.63431"	30 25' 03.21486"	1323		Mitayaya/Rwentanga
HP	-01 04' 18.39945"	30 26' 58.29047"	1306.307	2009/12/7	MATIMBA KIMBOGO KAGERA 669
HP	-01 05' 02.84886"	30 24' 29.42791"	1322	2009/12/7	MATIMBA RWENTANGA KAGEZI II 688
HP	-01 05' 47.31776"	30 26' 27.12196"	1348.124	2009/12/7	MATIMBA KANYONZA GAKOMA 676
HP	-01 07' 11.52494"	30 26' 12.27332"	1330	2009/12/7	MATIMBA MATIMBA RWINYANA 709
HP	-01 08' 01.44286"	30 26' 42.15628"	1360.862	2009/12/7	MATIMBA BWERA RUGAGA 708
HP	-01 08' 44.37654"	30 25' 45.19761"	1374.08	2009/12/7	MUSHERI MUSHERI KIYAZA 725
HP	-01 10' 16.65667"	30 25' 18.65370"	1384.654	2009/12/7	MATIMBA BWERA NTOMA 710
HP	-01 05' 00.33159"	30 22' 11.75099"	1340.434	2009/12/7	MUSHERI NYAMIYONGA NYAMIYONGA 717
HP	-01 06' 03.12395"	30 24' 36.39834"	1334.185	2009/12/7	MUSHERI RUGARAMA RWENYANA 732
HP	-01 06' 40.02085"	30 21' 23.62298"	1326.975	2009/12/7	MUSHERI NYAMIYONGA CYENORE 716
HP	-01 09' 48.92055"	30 23' 31.12080"	1421.905	2009/12/7	MUSHERI KIJOGO KAGWEGWE 724
HP	-01 04' 13.79513"	30 23' 26.82475"	1419		Kagwegwe
HP	-01 04' 36.48563"	30 24' 19.49428"	1314	2009/12/7	Nyagatabire/Mudugudu
HP	-01 04' 57.50690"	30 23' 07.29606"	1321	2009/12/7	MUSHERI NYAGATABIRE GIKUNYU 718
HP	-01 05' 13.76016"	30 21' 36.16115"	1342		Nyamiyonga I
HP	-01 05' 56.61703"	30 23' 35.20563"	1370		Rugarama II
HP	-01 06' 43.28900"	30 25' 05.57786"	1351.249	2009/12/7	MUSHERI RUGARAMA II REBERO 733
HP	-01 07' 03.48712"	30 24' 20.66055"	1354.854	2009/12/7	MUSHERI RUGARAMA II RWENYANA 734
HP	-01 07' 08.08883"	30 22' 47.30271"	1359		Kibirizi
HP	-01 07' 31.63471"	30 25' 00.88072"	1352		Karucha I
HP	-01 07' 50.29138"	30 21' 04.24800"	0		Cyenombe
HP	-01 07' 57.31484"	30 23' 22.13705"	1471		Musheri
HP	-01 08' 28.89781"	30 24' 58.82576"	1390		Karucha-(Humure)
HP	-01 08' 43.55407"	30 22' 52.48587"	1372	2009/12/7	MATIMBA BWERA BWERA 707
HP	-01 09' 17.43128"	30 21' 31.73760"	1345.721	2009/12/7	MUSHERI KIJOGO KIBIRIZI 714
HP	-01 16' 19.03921"	30 19' 56.87691"	1429		Barija
HP	-01 16' 38.28918"	30 21' 37.79431"	1339.953	2009/12/7	Nyagatare Nsheke Nyegeza 850
HP	-01 16' 54.64576"	30 22' 09.56208"	1342.837	2009/12/7	Nyagatare Nsheke Nyegeza 849
HP	-01 17' 17.47934"	30 21' 37.44581"	0		Nyagatare P. School
HP	-01 18' 08.15891"	30 21' 58.27602"	1350.047	2009/12/7	Nyagatare Barija Barija A 848
HP	-01 19' 04.98193"	30 19' 41.47800"	0		Rutaraka
HP	-01 20' 20.33018"	30 19' 39.87769"	0		Cyonyo
HP	-01 21' 38.10488"	30 18' 57.02569"	1370		Bushoga
HP	-01 21' 48.93034"	30 18' 20.61512"	0		Cyonyo II
HP	-01 22' 24.11431"	30 15' 14.80487"	0		Rukomo H/ Centre
HP	-01 22' 48.50458"	30 15' 06.95448"	0		Rukomo Hospital
HP	-01 03' 46.67884"	30 22' 32.76975"	0		Kabare II
HP	-01 08' 05.35654"	30 19' 53.60448"	0	2009/12/7	RWEMPASHA KAZAZA GAKINDO 544 Working
HP	-01 09' 08.83477"	30 18' 55.95844"	0	2009/12/7	RWEMPASHA KAZAZA RUKIRI. 545 Not Working
HP	-01 09' 48.71385"	30 18' 59.31871"	0	2009/12/7	RWEMPASHA RUGARAMA BUBARE 546 Working
HP	-01 10' 59.82029"	30 20' 54.91979"	0	2009/12/7	RWEMPASHA GASINGA GASINGA 559 Working
HP	-01 11' 15.48224"	30 20' 10.84999"	0	2009/12/7	RWEMPASHA KAZAZA KAZAZA 543 Not working
HP	-01 11' 22.40934"	30 20' 52.38149"	0		Gasinga
HP	-01 11' 43.17551"	30 17' 55.08730"	0	2009/12/7	RWEMPASHA RUGARAMA RUGARAMA 547 In use
HP	-01 11' 47.42846"	30 23' 40.57706"	0		Rwebishorogoto
HP	-01 11' 57.36976"	30 23' 43.14577"	0	2009/12/7	RWEMPASHA GASINGA RWIBISHOROGOTO 560 Working
HP	-01 12' 03.64613"	30 17' 26.54430"	0	2009/12/7	RWEMPASHA CYERU CYERU 548 In use
HP	-01 12' 16.00575"	30 19' 04.30118"	0	2009/12/7	RWEMPASHA RWEMPASHA UWINKIKO 557 Working
HP	-01 12' 33.61821"	30 17' 35.54365"	0	2009/12/7	RWEMPASHA CYERU CYERU 549 In use
HP	-01 12' 35.96115"	30 23' 28.69975"	0		Nyendo
HP	-01 12' 46.53787"	30 23' 30.01369"	0	2009/12/7	RWEMPASHA GASINGA NYENDO 561 Working
HP	-01 13' 12.95656"	30 20' 00.96230"	0	2009/12/7	RWEMPASHA RUKOROTO RUKOROTO 558 Not working
HP	-01 13' 24.21540"	30 16' 34.42148"	0	2009/12/7	RWEMPASHA RYERU RYERU 556 Not working
HP	-01 14' 02.33213"	30 21' 37.64253"	0		Kabare I
HP	-01 14' 12.22479"	30 21' 40.26413"	0	2009/12/7	RWEMPASHA KABARE GITURO 564 Working

4.1 Données de localisation de tous les ouvrages (34/55)

Name	Latitude	Longitude	Alti	Date	Comments
HP	-01 14' 16.55066"	30 17' 56.67090"	0	2009/12/7	RWEMPASHA RUKOROTA BUKONJE 550 Working
HP	-01 14' 18.65566"	30 19' 35.39334"	0	2009/12/7	RWEMPASHA RUKOROTA RUKOROTA 552 In use
HP	-01 14' 19.81437"	30 18' 52.82989"	0	2009/12/7	RWEMPASHA CYENJOJO CYENJOJO 551 Working
HP	-01 14' 27.96400"	30 16' 07.15307"	0	2009/12/7	RWEMPASHA MISHENYI MISHENYI 555 Working
HP	-01 14' 47.21797"	30 22' 34.76233"	0	2009/12/7	RWEMPASHA KABARE GITURO 563 Working
HP	-01 14' 48.62774"	30 15' 53.53819"	0	2009/12/7	RWEMPASHA MISHENYI MISHENYI 554 Working
HP	-01 15' 29.47241"	30 19' 34.71744"	0	2009/12/7	RWEMPASHA CYENJOJO CYENJOJO 553 In use
HP	-01 16' 17.96385"	30 17' 51.00650"	0		Mashaka
HP	-01 10' 39.02739"	30 24' 39.57077"	0		Ntoma
HP	-01 11' 32.00318"	30 27' 04.44143"	0		Bwera/ Rutungu
HP	-01 11' 58.98341"	30 28' 56.01115"	0	2009/12/7	RWIMIYAGA RUTUNGO GAHAGATI II 532 Not Working
HP	-01 12' 31.74258"	30 29' 23.23367"	0		Kakagati II
HP	-01 12' 34.02376"	30 26' 07.81127"	0	2009/12/7	RWIMIYAGA NTOMA GASHWENO 530 Not Working
HP	-01 12' 41.16916"	30 25' 34.90378"	0	2009/12/7	RWIMIYAGA NTOMA GASHWENO. 529. Working
HP	-01 12' 54.33988"	30 25' 21.32749"	0	2009/12/7	RWIMIYAGA RWIMIYAGA REBERO. 528 temporary working
HP	-01 13' 00.13120"	30 29' 39.08072"	0		Kakagati I
HP	-01 13' 23.77123"	30 23' 58.96223"	0	2009/12/7	RWIMIYAGA NYARUPFUBIRE RWIMIYAGA 518 Working
HP	-01 13' 49.86161"	30 23' 05.56480"	0	2009/12/7	RWIMIYAGA NYARUPFUBIRE RWIMIYAGA 517 Working
HP	-01 14' 17.36301"	30 26' 00.40744"	0		Kabeza
HP	-01 14' 27.11578"	30 26' 02.94346"	1340.194	2008/12/2	02-dec-08 7:45:27pm
HP	-01 14' 27.19152"	30 25' 40.71666"	0	2009/12/7	RWIMIYAGA KABEZA 523 Bad installation Not working
HP	-01 14' 34.49142"	30 24' 00.85478"	0	2009/12/7	RWIMIYAGA NYARUPFUBIRE NYARUPFUBIRE II 510 Working
HP	-01 14' 47.02801"	30 23' 39.66047"	0	2009/12/7	RWEMPASHA KABARE GITURO 562 Working
HP	-01 14' 59.42309"	30 23' 42.21881"	0	2009/12/7	RWIMIYAGA NYARUPFUBIRE NYARUPFUBIRE II 511 Working
HP	-01 15' 47.00762"	30 25' 31.60142"	0	2009/12/7	RWIMIYAGA KABEZA GATOVU 521 In use.
HP	-01 15' 49.28643"	30 25' 42.30023"	0	2009/12/7	RWIMIYAGA KABEZA RUKIRI II 522 Not working
HP	-01 16' 05.74339"	30 27' 37.25312"	0		Rusa
HP	-01 16' 36.57862"	30 28' 31.98741"	0	2009/12/7	RWIMIYAGA KIREBE KIREBE 540 Not Working
HP	-01 16' 58.96378"	30 23' 33.56707"	0	2009/12/7	RWIMIYAGA NYARUPFUBIRE NYARUPFUBIRE I 512 Working
HP	-01 16' 58.99031"	30 22' 31.64321"	0		Nyarupfubire
HP	-01 17' 08.96735"	30 22' 34.26020"	0	2009/12/7	RWIMIYAGA NYARUPFUBIRE KAMAGIRI 514 Working
HP	-01 17' 28.02820"	30 25' 25.80787"	0	2009/12/7	RWIMIYAGA GACUNDEZI RUKUNDO I 501 Not Working
HP	-01 17' 45.52478"	30 25' 30.90619"	0	2009/12/7	RWIMIYAGA GACUNDEZI I 499 Working
HP	-01 18' 03.73591"	30 24' 36.83257"	0	2009/12/7	RWIMIYAGA GACUNDEZI GACUNDEZI II 505 Working
HP	-01 18' 11.03581"	30 25' 50.56572"	0	2009/12/7	RWIMIYAGA GACUNDEZI GACUNDEZI II 500 Working
HP	-01 18' 17.58964"	30 26' 03.98473"	0		Gacundezi
HP	-01 18' 18.62539"	30 25' 00.06510"	0	2009/12/7	RWIMIYAGA GACUNDEZI GACUNDEZI II 506 Working
HP	-01 18' 22.91263"	30 22' 25.64710"	0	2009/12/7	RWIMIYAGA NYARUPFUBIRE KAMAGIRI 513 Working
HP	-01 18' 24.18722"	30 28' 06.34771"	0	2009/12/7	RWIMIYAGA KIREBE RUKINDO 539 Not Working
HP	-01 18' 26.06047"	30 26' 40.93116"	0	2009/12/7	RWIMIYAGA KIREBE RUKINDO 536 In use
HP	-01 18' 29.49799"	30 26' 35.91006"	0	2009/12/7	RWIMIYAGA KIREBE RUKINDO 535 In use
HP	-01 19' 02.71447"	30 28' 21.89381"	0	2009/12/7	RWIMIYAGA KIREBE GATEBE I 537 Not working
HP	-01 19' 38.53809"	30 32' 53.77817"	0	2009/12/7	RWIMIYAGA KIREBE GATEBE II 538 Not Working
HP	-01 20' 42.36390"	30 27' 13.02754"	0	2009/12/7	RWIMIYAGA KIREBE RUKINDO 541 Not Working
HP	-01 15' 18.52256"	30 14' 04.34868"	0	2009/12/7	TABAGWE TABAGWE KAGARAMA 587 Working
HP	-01 16' 26.45888"	30 16' 53.10568"	0	2009/3/1	TABAGWE GITENGURE BITIBYOMA 598 Working
HP	-01 16' 48.31098"	30 15' 12.58955"	0		Nyagasigati
HP	-01 17' 18.33362"	30 14' 04.54178"	0	2009/3/1	TABAGWE NYABITEKERI KANGOMA 591 Working
HP	-01 17' 32.40527"	30 18' 55.90066"	0	2009/3/1	TABAGWE GITENGURE NSHULI 600 Not Working
HP	-01 17' 35.73365"	30 17' 01.40021"	0	2009/3/1	TABAGWE GITENGURE GITENGURE 597 Working
HP	-01 17' 38.17647"	30 15' 36.13209"	0		Nyabitekeri Vet
HP	-01 17' 38.65454"	30 14' 57.18220"	0		Nyabitekeri T/C
HP	-01 17' 45.50547"	30 14' 12.34381"	0	2009/3/1	TABAGWE NYABITEKERI MUNINI 592 Working
HP	-01 17' 50.75831"	30 18' 20.54041"	0	2009/3/1	TABAGWE GITENGURE NSHULI 599 Working
HP	-01 18' 26.58189"	30 16' 11.51756"	0	2009/3/1	TABAGWE NYABITEKERI KABIRIZI I 595 Working
HP	-01 18' 50.14242"	30 13' 18.07734"	0	2009/3/1	TABAGWE NKOMA MUTOGO 593 Working
HP	-01 18' 59.79837"	30 15' 25.42007"	0	2009/3/1	TABAGWE NYABITEKERI II 596 Working
HP	-01 19' 15.47964"	30 12' 32.38538"	0	2009/12/7	TABAGWE NYAGATOMA RUNYERI 574 Working
HP	-01 19' 25.86944"	30 11' 17.18480"	0	2009/12/7	TABAGWE GASHONGA RWUBUZIZI 571 Not working
HP	-01 19' 53.87170"	30 14' 42.81799"	0	2009/3/1	TABAGWE NKOMA BIBARE 594 Working
HP	-02 02' 00.43012"	30 25' 43.36601"	1356.536	2008/12/6	HP Afridev
HP	-02 02' 19.02356"	30 25' 35.74204"	1353.652	2008/12/6	HP Afridev
HP	-02 03' 41.61484"	30 27' 03.25814"	1336.348	2009/1/5	use 24

4.1 Données de localisation de tous les ouvrages (35/55)

Name	Latitude	Longitude	Alti	Date	Comments
HP	-02 04' 16.35666"	30 26' 45.36143"	1336.829	2009/1/5	broken 25
HP	-02 04' 21.61252"	30 26' 21.58336"	1338.271	2009/1/5	broken 26
Intake	-02 05' 57.80662"	30 18' 25.10284"	1342.116	2009/1/22	Intake & pump 03
Kiosk	-01 20' 14.78650"	30 13' 52.10494"	0	2009/12/7	TABAGWE NYAGATOMA AKAJEVUBA 576 Working
Kiosk	-01 51' 15.12734"	30 26' 02.24128"	1525.486	2009/1/10	Gasharu 26
Kiosk	-01 51' 17.05370"	30 27' 20.75292"	1514.431	2009/1/10	Ragwe 29
Kiosk	-01 51' 24.87472"	30 25' 52.51894"	1499.531	2009/1/10	Gasharu no use 27
Kiosk	-01 51' 30.68489"	30 26' 31.05373"	1527.169	2009/1/10	Yabaranda 24
Kiosk	-01 51' 38.31762"	30 24' 32.59602"	1515.873	2008/12/27	24
Kiosk	-01 51' 45.39936"	30 27' 23.13068"	1530.052	2009/1/10	Ragwe no use 28
Kiosk	-01 51' 47.31608"	30 26' 56.06747"	1521.4	2009/1/10	Kabusunzu 23
Kiosk	-01 51' 48.62324"	30 24' 32.96264"	1529.572	2008/12/27	23
Kiosk	-01 52' 01.11351"	30 25' 55.67250"	1503.136	2009/1/10	Newly construction 16
Kiosk	-01 52' 15.35061"	30 24' 35.54291"	1537.022	2008/12/27	22
Kiosk	-01 52' 15.65840"	30 27' 14.52542"	1537.022	2009/1/10	Gahengeri 21
Kiosk	-01 52' 20.57267"	30 23' 09.30469"	1493.042	2008/12/27	17
Kiosk	-01 52' 25.75520"	30 26' 09.64619"	1518.276	2009/1/10	Katobotobo newly 15
Kiosk	-01 52' 29.07564"	30 28' 25.16930"	1568.745	2009/1/17	Kabirizi newly 04
Kiosk	-01 52' 37.21682"	30 24' 53.14478"	1529.332	2008/12/27	21
Kiosk	-01 52' 39.88337"	30 23' 21.29042"	1523.323	2008/12/27	16
Kiosk	-01 52' 47.68840"	30 27' 18.72878"	1537.022	2009/1/10	Kayenzi 20
Kiosk	-01 52' 48.68779"	30 26' 19.77709"	1525.486	2009/1/10	Kabeza newly 14
Kiosk	-01 52' 51.75838"	30 25' 06.86348"	1529.812	2008/12/27	20
Kiosk	-01 52' 56.55618"	30 23' 33.68594"	1527.89	2008/12/27	15
Kiosk	-01 53' 04.43514"	30 22' 19.25123"	1546.395	2009/1/9	Prim. school 17
Kiosk	-01 53' 05.31383"	30 23' 37.82656"	1523.804	2008/12/27	14
Kiosk	-01 53' 06.29149"	30 22' 23.25634"	1545.914	2009/1/9	Kiyovu 16
Kiosk	-01 53' 09.42063"	30 26' 29.36486"	1526.207	2009/1/10	Nyarukombe no use 12
Kiosk	-01 53' 09.82919"	30 26' 41.35240"	1528.611	2009/1/10	Nyarukombe 17
Kiosk	-01 53' 13.13817"	30 23' 43.14880"	1522.362	2008/12/27	13
Kiosk	-01 53' 14.33460"	30 27' 11.21587"	1536.781	2009/1/10	Nyarukombe 19
Kiosk	-01 53' 21.39974"	30 27' 20.71613"	1536.541	2009/1/10	Birembo 30
Kiosk	-01 53' 22.62182"	30 27' 12.94398"	1536.301	2009/1/10	31
Kiosk	-01 53' 25.96671"	30 22' 20.65105"	1548.317	2009/1/9	Ubuyarige 15
Kiosk	-01 53' 28.65468"	30 27' 50.77418"	1519.478	2009/1/17	Ragwe newly 01
Kiosk	-01 53' 33.02490"	30 26' 27.75653"	1519.718	2009/1/10	Mbwiza 11
Kiosk	-01 53' 40.88274"	30 29' 07.52903"	1559.132	2009/1/17	newly 03
Kiosk	-01 53' 42.57525"	30 28' 23.93998"	1537.983	2009/1/17	Kamayange newly 02
Kiosk	-01 53' 46.29852"	30 24' 02.69968"	1522.602	2008/12/27	12
Kiosk	-01 53' 52.24266"	30 22' 33.85434"	1543.511	2009/1/9	Kabeza 14
Kiosk	-01 53' 53.63523"	30 24' 48.60799"	1532.936	2008/12/27	19
Kiosk	-01 53' 55.68411"	30 26' 29.52506"	1515.392	2009/1/10	Mbwiza 10
Kiosk	-01 54' 02.71786"	30 24' 45.11858"	1533.417	2008/12/27	18
Kiosk	-01 54' 18.17282"	30 22' 46.36816"	1549.279	2009/1/9	Nyagahanga 13
Kiosk	-01 54' 29.04934"	30 24' 30.65638"	1541.348	2008/12/27	11
Kiosk	-01 54' 29.57650"	30 26' 34.18166"	1520.92	2009/1/10	Kibare 09
Kiosk	-01 54' 44.95330"	30 22' 56.24803"	1568.986	2009/1/9	Karubisha 11
Kiosk	-01 54' 53.30781"	30 24' 27.30636"	1553.845	2008/12/27	10
Kiosk	-01 55' 01.80988"	30 26' 31.77370"	1524.044	2009/1/10	Kingondo 08
Kiosk	-01 55' 01.95080"	30 25' 22.68505"	1529.572	2008/12/27	1
Kiosk	-01 55' 04.98246"	30 23' 09.16980"	1573.312	2009/1/9	no use 10
Kiosk	-01 55' 25.67517"	30 24' 06.78564"	1583.165	2008/12/27	9
Kiosk	-01 55' 26.80552"	30 25' 21.88844"	1534.378	2008/12/27	2
Kiosk	-01 55' 27.99682"	30 23' 44.32078"	1594.46	2009/1/9	Kabeza 04
Kiosk	-01 55' 28.60484"	30 23' 12.64232"	1588.933	2009/1/9	Irebero 07
Kiosk	-01 55' 28.90690"	30 26' 53.42266"	1515.873	2009/1/10	Kingondo 07
Kiosk	-01 55' 30.43103"	30 22' 48.94752"	1567.063	2009/1/9	Umurinzi 08
Kiosk	-01 55' 35.32237"	30 22' 17.77901"	1575.955	2009/1/9	Rutembo 09
Kiosk	-01 55' 55.22963"	30 23' 53.18707"	1540.146	2008/12/27	8
Kiosk	-01 56' 00.93539"	30 27' 08.70894"	1528.611	2009/1/10	Karambo 06
Kiosk	-01 56' 02.88740"	30 25' 14.49048"	1537.743	2008/12/27	3
Kiosk	-01 56' 17.51587"	30 27' 11.81390"	1530.533	2009/1/10	5
Kiosk	-01 56' 25.16338"	30 24' 45.11045"	1522.843	2008/12/27	4
Kiosk	-01 56' 26.53422"	30 23' 37.71913"	1521.641	2008/12/27	7
Kiosk	-01 56' 34.00763"	30 27' 09.42437"	1536.061	2009/1/10	Mping 03
Kiosk	-01 56' 36.64844"	30 25' 09.90718"	0	2009/12/8	Rwamagan
Kiosk	-01 56' 50.27489"	30 23' 34.39597"	1548.317	2008/12/27	25
Kiosk	-01 56' 51.10198"	30 26' 05.41507"	1526.448	2009/1/10	1
Kiosk	-01 56' 54.89249"	30 26' 31.02101"	0	2009/12/8	Rwamagan
Kiosk	-01 57' 06.77631"	30 25' 39.64847"	1547.837	2008/12/27	K26
Kiosk	-01 57' 39.64946"	30 26' 09.69252"	0	2009/12/8	Rwamagan
Kiosk	-01 59' 29.17596"	30 33' 29.84627"	1667.28	2008/12/22	Rutagana 24
Kiosk	-01 59' 50.23439"	30 33' 32.66942"	1657.667	2008/12/22	Rwtagara 22
Kiosk	-02 00' 19.50942"	30 32' 38.24002"	1508.423	2008/12/22	Rwggwagwa 28
Kiosk	-02 00' 28.68348"	30 32' 07.19012"	1531.014	2008/12/22	Nkuba2 29
Kiosk	-02 00' 30.98975"	30 33' 31.42141"	1653.581	2008/12/22	rwtagara 21

4.1 Données de localisation de tous les ouvrages (36/55)

Name	Latitude	Longitude	Alti	Date	Comments
Kiosk	-02 00' 46.99660"	30 32' 01.52812"	1527.169	2008/12/22	Nkuba1 30
Kiosk	-02 01' 17.92099"	30 33' 00.11138"	1563.939	2008/12/22	Gihuke 03
Kiosk	-02 01' 29.25044"	30 33' 41.49918"	1687.467	2008/12/22	Bitoma 04
Kiosk	-02 02' 30.57238"	30 33' 49.25506"	1634.355	2008/12/22	nowater 06
Kiosk	-02 02' 33.51684"	30 32' 16.22749"	1580.041	2008/12/22	Kabeza 15
Kiosk	-02 02' 35.52136"	30 32' 30.87193"	1586.77	2008/12/22	Kabeza 14
Kiosk	-02 02' 59.91833"	30 33' 50.36548"	1621.617	2008/12/22	Cyinzovu 07
Kiosk	-02 03' 07.72305"	30 31' 47.58067"	1551.441	2008/12/22	Kabwra 16
Kiosk	-02 03' 26.10044"	30 33' 51.53926"	1618.733	2008/12/22	nowater 08
Kiosk	-02 03' 49.85318"	30 33' 04.79783"	1643.247	2008/12/29	Munini 1st 14
Kiosk	-02 03' 58.38754"	30 33' 13.94896"	1681.459	2008/12/29	nouse 15
Kiosk	-02 04' 18.21603"	30 27' 59.18875"	1506.981	2008/12/30	Kajevuba nouse 07
Kiosk	-02 04' 34.97183"	30 33' 13.19940"	1682.18	2008/12/29	Limukiza 06
Kiosk	-02 05' 04.66931"	30 33' 25.55572"	1666.318	2008/12/29	Gatore 07
Kiosk	-02 05' 25.79623"	30 33' 26.29289"	1665.117	2008/12/29	Rusagara from Kibungo 08
Kiosk	-02 06' 01.08995"	30 33' 16.41996"	1664.636	2008/12/29	Rubimba 09
Kiosk	-02 06' 48.20526"	30 33' 06.09624"	1658.628	2008/12/29	Nyakabingo 11
Kiosk	-02 07' 40.68627"	30 32' 50.25203"	1646.131	2008/12/29	Kabuye 12
Kiosk	-02 08' 15.49507"	30 33' 30.76690"	1621.617	2009/1/2	Ngoma 09
Kiosk	-02 08' 22.23131"	30 33' 02.59718"	1618.974	2009/1/2	Kiruhura 12
Kiosk	-02 08' 23.74276"	30 33' 25.72830"	1610.802	2009/1/2	8
Kiosk	-02 08' 25.59761"	30 33' 46.46930"	1618.493	2009/1/2	Karambi 07
Kiosk	-02 08' 28.16489"	30 33' 51.18412"	1625.463	2009/1/2	Karambi 06
Kiosk	-02 08' 42.33983"	30 32' 59.57545"	1632.192	2009/1/2	Bwiza 10
Kiosk	-02 08' 45.52659"	30 32' 38.04572"	1616.811	2009/1/2	Ubumue 13
Kiosk	-02 08' 46.79454"	30 32' 59.15180"	1633.874	2009/1/2	Bwiza 11
Kiosk	-02 08' 48.02567"	30 32' 14.93297"	1623.3	2009/1/2	Kabeza 16
Kiosk	-02 08' 54.70397"	30 32' 17.47158"	1633.393	2009/1/2	Ihuriro 14
Kiosk	-02 09' 06.15684"	30 32' 15.23897"	1622.819	2009/1/2	Kabeza 15
Kiosk	-02 09' 28.43916"	30 32' 44.70076"	1623.54	2009/1/2	17
Kiosk	-02 09' 56.18071"	30 32' 25.86080"	1621.858	2009/1/2	Marembo 18
Kiosk	-02 10' 09.09041"	30 32' 24.81706"	1593.739	2009/1/2	Musamvu 19
Kiosk	-02 10' 44.11919"	30 32' 14.45348"	1630.75	2009/1/2	Musamvu 20
Kiosk	-02 11' 08.20627"	30 32' 00.30059"	1641.564	2009/1/2	Karama 22
M.Tank	-01 18' 23.82210"	30 20' 29.92564"	1481.987	2009/12/7	Nyagatare Barija Kinihira 838
M.Tank	-01 26' 40.96244"	30 17' 41.90784"	1520.199	2009/12/7	Katabagemu Kigarama Kanguka 909
M.Tank	-01 37' 54.24605"	30 14' 04.80098"	1576.436	2009/6/8	M.Tank 50-100m3
M.Tank	-01 41' 13.67044"	30 18' 07.81052"	1802.824	2009/12/7	REMERA KIGABIRO KIGABIRO 429 110m3
M.Tank	-01 45' 39.19253"	30 17' 13.52324"	1887.179	2009/7/7	50+50m3
M.Tank	-01 53' 44.36854"	30 30' 01.76382"	1615.849	2009/9/23	Main Tank
M.Tank	-01 56' 14.87647"	30 20' 02.50966"	1695.158	2009/1/14	Tank 21
M.Tank	-01 57' 06.90205"	30 25' 30.05440"	0	2009/12/8	Rwamagan
M.Tank	-01 57' 13.68062"	30 21' 48.98376"	1640.844	2009/1/20	Ntunga 22
M.Tank	-02 00' 18.24148"	30 22' 15.82007"	1667.28	2009/1/20	2 Tank 12
M.Tank	-02 01' 34.31107"	30 20' 12.00296"	1652.62	2009/1/29	R-14 13
M.Tank	-02 04' 00.15940"	30 16' 25.45774"	1692.274	2009/2/2	100+100 m3?
M.Tank	-02 04' 44.16852"	30 17' 36.12664"	1561.535	2009/1/22	Booster station & distribution 13
M.Tank	-02 04' 47.83325"	30 33' 12.29627"	1705.492	2008/12/29	Main Tank 05
M.Tank	-02 07' 26.81067"	30 26' 48.71929"	1565.861	2009/1/5	Main Tank 03
M.Tank	-02 08' 21.49202"	30 25' 48.36958"	1546.395	2009/1/13	Main Tank 1982 01
M.Tank	-02 08' 23.01504"	30 33' 10.62652"	1652.139	2009/1/2	Main Tank 23
M.Tank	-02 10' 07.58982"	30 38' 32.91493"	1627.625	2009/1/15	Tank 26
M.Tank	-02 10' 30.44184"	30 19' 36.99984"	1383.212	2009/1/19	Tank elevated 02
M.Tank	-02 11' 06.58346"	30 20' 48.02420"	1389.22	2009/1/19	elevated 23
M.Tank	-02 14' 31.40432"	30 49' 53.49029"	1389.941	2009/1/27	60 m3 1998
M.Tank	-02 14' 37.16259"	30 48' 27.19145"	1360.141	2009/1/27	60 m3
M.Tank	-02 18' 14.56153"	30 49' 39.57366"	1363.265	2009/1/27	60 m3 1998
Mpanga	-02 10' 04.22170"	30 47' 57.03742"	1729.044	2008/12/18	Sector Office 06
New WS	-01 33' 41.72901"	30 12' 32.57035"	1483.188	2009/7/6	New WS for bulk line
Nkongi	-01 21' 19.13346"	30 20' 25.24794"	1394.988	2008/12/2	Rutaraka
Nyabaror	-02 03' 44.70083"	30 05' 12.25500"	1357.257	2009/3/10	10-mar-09 .01 river
Office	-02 01' 29.49184"	30 29' 45.04574"	1487.274	2009/1/8	08-jan-09 .01 Cell
Office	-01 07' 27.39688"	30 25' 27.90502"	1418.06	2009/12/7	MATIMBA MATIMBA MATIMBA I 662
Office	-01 08' 09.40959"	30 23' 23.59954"	0	2009/6/3	Sector Office Musheli
Office	-01 12' 15.88022"	30 24' 13.91688"	1417.579	2009/12/7	MUSHERI MUSHERI MUSHERI 711
Office	-01 13' 06.23602"	30 18' 00.41738"	0	2009/12/7	RWEMPASHA RWEMPASHA RWEMPASHA 542
Office	-01 17' 05.49815"	30 20' 06.43906"	1382.731	2009/12/7	NYAGATARE BARIJA BARIJA 661
Office	-01 17' 20.80555"	30 24' 46.00573"	0	2009/12/7	RWIMIYAGA GACUNDEZI BUGARAGARA 496
Office	-01 17' 29.76627"	30 15' 07.07375"	0	2009/12/7	TABAGWE NYABITEKERE KUYOVU 565 UMURENGE
Office	-01 17' 30.22976"	30 24' 41.44842"	0	2009/12/7	RWIMIYAGA GACUNDEZI BUGARAGARA 498 Akagali
Office	-01 17' 40.96748"	30 19' 33.63809"	1347.884	2009/12/7	NYAGATARE NYAGATARE II 779
Office	-01 18' 26.55081"	30 19' 46.29853"	1419.742	2008/12/2	Nyagatare district Office
Office	-01 21' 08.69025"	30 15' 53.06987"	1469.009	2009/12/7	RUKOMONYAKAGARAMA 853
Office	-01 21' 41.94112"	30 17' 55.79099"	1375.281	2009/12/7	NYAGATARE BUSHOGA BUSHOGA 769
Office	-01 22' 30.05100"	30 09' 15.38222"	1532.456	2009/12/7	KARAMA NYAKIGA KABEZA 735
Office	-01 23' 13.19259"	30 13' 58.12388"	1544.953	2009/12/7	GATUMBA GATUMBAIREBERO 948
Office	-01 23' 20.52478"	30 17' 23.13485"	1370.475	2009/12/7	NYAGATAREGAKIRAGEGAKIRAGE 748

4.1 Données de localisation de tous les ouvrages (37/55)

Name	Latitude	Longitude	Alti	Date	Comments
Office	-01 23' 24.90979"	30 15' 30.36179"	1473.095	2009/12/7	RUKOMORUKOMO II URUGWIRO 794
Office	-01 23' 26.60411"	30 15' 47.32790"	1459.156	2009/12/7	RUKOMO RUKOMO II NYARUBUYE 813
Office	-01 24' 07.73726"	30 16' 08.50523"	1397.392	2009/12/7	RUKOMO GAHORARA WAMAHO 807
Office	-01 24' 51.60485"	30 16' 57.88484"	1381.77	2009/12/7	NYAGATARECYABAYAGACYABAYAGA 768
Office	-01 25' 29.53554"	30 12' 33.90408"	1449.783	2009/6/3	Sector Office Mukara
Office	-01 25' 44.11724"	30 23' 22.32542"	1394.748	2009/12/7	Karangazi Kizirakome Kizirakome 865
Office	-01 26' 09.59598"	30 08' 04.94023"	1561.055	2009/6/2	Sector Office Kiyombi
Office	-01 26' 10.29392"	30 08' 04.89678"	1561.055	2009/3/1	KIYOMBE KARUJUMBA KABARE 966
Office	-01 26' 10.37660"	30 08' 05.05068"	0	2009/3/1	KIYOMBE KARUJUMBA KABARE 628 UMURENGE
Office	-01 26' 14.03561"	30 09' 59.88258"	1581.242	2009/12/7	GATUNDA NYANGARA RYANYABUGWENDE 900
Office	-01 26' 45.10303"	30 15' 07.02274"	1391.143	2009/12/7	Mimuli Sector Office
Office	-01 28' 25.50260"	30 16' 35.95829"	1437.526	2009/12/7	Katabagemu Bayigabirire Gikandura 885
Office	-01 31' 21.50437"	30 13' 08.37041"	1464.683	2009/12/7	NYAGIHANGANYAGITABIREMASHANTI543
Office	-01 32' 22.41653"	30 14' 28.07426"	1482.227	2009/6/8	CODEANGA Office
Office	-01 32' 41.03713"	30 14' 26.11320"	0	2009/12/7	NGARAMA NGARAMA INTSINZI 420
Office	-01 35' 01.55055"	30 14' 13.71494"	0	2009/12/7	GATSIBO GATSIBO GATSIBO 326
Office	-01 35' 36.93750"	30 16' 13.05919"	1475.738	2009/12/7	GATSIBO NYABICWAMBA KIGARAMA
Office	-01 35' 37.12308"	30 16' 13.35220"	0	2009/12/7	GATSIBO NYABICWAMBA KIGARAMA 325
Office	-01 36' 38.95980"	30 13' 10.44916"	0	2009/12/7	GATSIBO NYAGAHANGA NYAGAHANGA 342
Office	-01 37' 05.74239"	30 22' 56.94719"	1502.896	2009/2/24	KABARORE KABARORE NYABIKIRI KABEZA 609
Office	-01 37' 25.36419"	30 23' 30.06798"	1507.462	2009/6/4	District Office Gastibo
Office	-01 38' 20.34730"	30 26' 53.56086"	0	2009/12/7	RWIMBOGO NYAMATETE KABEZA 469
Office	-01 40' 17.89886"	30 23' 34.08850"	0	2009/12/7	RUGARAMA MATARE REBERO 238
Office	-01 40' 46.92465"	30 16' 16.73177"	0	2009/12/7	KAGEYO NYAGISOZI AKAGEYO 321
Office	-01 41' 11.96103"	30 21' 05.13940"	1445.217	2009/12/7	Remera Sector Office
Office	-01 41' 18.72925"	30 16' 52.08463"	1741.301	2009/12/7	KAGEYO NYAGISOZI RUKIRA 450
Office	-01 41' 25.14291"	30 24' 30.40200"	1406.284	2009/12/7	RUGARAMA GIHUTA AGATARE 220
Office	-01 42' 07.37805"	30 18' 45.22100"	0	2009/12/7	REMERA NYAGAKOMBE KARUFURI 251
Office	-01 42' 07.44594"	30 18' 45.35860"	1784.319	2009/12/7	REMERA KIGABIRO NYAMAREBE 422
Office	-01 42' 17.58409"	30 32' 46.64674"	1502.896	2009/1/19	19.Murundi
Office	-01 42' 43.12439"	30 22' 11.37562"	0	2009/12/7	RUGARAMA BUGARAMA AKABARE 225
Office	-01 43' 32.71736"	30 21' 25.00772"	0	2009/12/7	REMERA KABUSHOBORA AKAGARAMA2 working
Office	-01 43' 46.60865"	30 15' 54.14558"	1851.371	2009/2/6	Muhura
Office	-01 44' 35.57761"	30 26' 32.00906"	0	2009/12/7	KIZIGURO MBOGO AKABUYE 213
Office	-01 45' 14.02761"	30 23' 18.65828"	0	2009/12/7	KIZIGURO NDATEMWA KINUNGA 178
Office	-01 46' 11.48385"	30 23' 07.65560"	1590.375	2009/2/28	Kiziguro Ndatemwa Kinunga 629
Office	-01 46' 12.01221"	30 23' 07.83877"	1582.924	2009/2/17	KIZIGURO SECTOR Office 326
Office	-01 47' 58.81217"	30 30' 19.12460"	1593.499	2009/1/15	01.Rukara
Office	-01 48' 03.52217"	30 24' 58.01893"	1566.582	2009/1/21	01.Kiramuruzi
Office	-01 48' 22.32834"	30 17' 43.21140"	1671.125	2009/1/29	01.Gasange
Office	-01 48' 57.09279"	30 20' 45.95302"	1587.491	2009/1/22	28.Muranbi
Office	-01 48' 57.60636"	30 20' 46.14403"	1585.328	2009/1/27	01.Muranbi
Office	-01 50' 52.35619"	30 30' 27.31648"	1576.436	2009/1/12	30 Gahini
Office	-01 52' 18.57540"	30 17' 40.00168"	1724.958	2009/2/12	Fumbwe
Office	-01 52' 50.70799"	30 34' 36.05743"	1668.721	2009/1/7	05-jan-09 .21
Office	-01 53' 03.76322"	30 26' 27.87461"	1527.409	2009/1/10	Sector Office Muhazi 13
Office	-01 53' 57.47136"	30 30' 23.43028"	1574.513	2009/1/12	09-jan-09 .01
Office	-01 55' 53.37496"	30 19' 56.31499"	1658.147	2009/1/14	Sector Office Musha 24
Office	-01 56' 08.34150"	30 18' 18.39618"	1717.268	2009/2/9	Cell Mutamowa
Office	-01 56' 25.37973"	30 30' 44.36255"	1530.293	2008/12/31	30-dec-08 .01
Office	-01 57' 08.51861"	30 21' 48.91946"	1614.407	2009/1/9	Sector Office Munyiginya 01
Office	-01 57' 25.92135"	30 16' 45.67127"	1425.51	2009/2/9	Cell Rweri
Office	-01 58' 04.01499"	30 19' 19.29806"	1724.718	2009/2/6	Gahengeri
Office	-01 58' 19.89028"	30 36' 19.24819"	1374.08	2008/12/22	22-dec-08 .01
Office	-01 58' 20.48744"	30 36' 19.78319"	1404.361	2008/12/19	19-dec-08 .01
Office	-01 58' 30.55286"	30 31' 11.28245"	1607.438	2009/1/7	06-jan-09 .01
Office	-01 58' 30.72154"	30 15' 22.14637"	1546.395	2009/2/5	Muyumbu
Office	-01 58' 34.60190"	30 24' 10.88881"	1636.998	2008/12/4	Office Mwulire
Office	-01 59' 40.16293"	30 21' 55.32772"	1677.373	2009/1/20	Sector Office Mwulire 01
Office	-02 00' 21.61201"	30 33' 30.18362"	1642.285	2008/12/22	Agronom Office Kabarond 01
Office	-02 00' 39.04095"	30 33' 29.17282"	0	2008/12/22	Sector Office Kabalondo
Office	-02 00' 52.56839"	30 42' 41.66888"	1360.141	2008/12/29	29-dec-08 .01
Office	-02 00' 55.41931"	30 37' 31.80270"	1708.375	2008/12/22	25.MURAMA
Office	-02 01' 28.73476"	30 38' 12.20442"	1420.463	2008/12/26	26-dec-08 .01
Office	-02 01' 29.13517"	30 27' 47.09977"	1589.414	2008/12/4	Office Munyaga
Office	-02 01' 34.56756"	30 20' 25.33394"	1616.09	2009/1/29	Sector Office 01Nzige
Office	-02 01' 35.54160"	30 20' 15.12668"	1656.946	2009/1/29	COOGIEP Office 02
Office	-02 02' 09.30967"	30 15' 12.80545"	1487.755	2009/2/2	Nyakariro
Office	-02 02' 16.25834"	30 23' 47.49065"	1496.887	2009/1/14	Sector Office 01Rubona
Office	-02 02' 47.43250"	30 39' 31.55000"	1595.181	2008/12/18	Sector Office Kabare
Office	-02 04' 56.75535"	30 33' 21.20418"	1661.271	2008/12/29	sector Office 01 Remera
Office	-02 04' 57.70616"	30 18' 31.79714"	1516.834	2009/1/22	Sector Office Karenge
Office	-02 05' 06.52024"	30 08' 29.23220"	1427.673	2009/3/11	11-mar-09 .01 Mwogo
Office	-02 06' 04.04256"	30 11' 22.79342"	1459.396	2009/3/13	Juru
Office	-02 06' 10.92936"	30 41' 33.07056"	1413.013	2008/12/17	18.Nasho
Office	-02 06' 47.72971"	30 02' 59.04539"	1396.911	2009/3/12	12-mar-09 .01 Ntarama
Office	-02 07' 21.29651"	30 24' 11.50560"	1419.261	2009/1/16	Sector Office 01 Mugsra

4.1 Données de localisation de tous les ouvrages (38/55)

Name	Latitude	Longitude	Alti	Date	Comments
Office	-02 08' 05.29416"	30 25' 27.96625"	1495.926	2009/1/12	Sector Office 01 Zaza
Office	-02 08' 18.70900"	30 26' 58.87010"	1474.296	2009/1/5	Sector Office 01 Karemba
Office	-02 08' 37.96478"	30 27' 01.94825"	1523.323	2009/1/5	05-jan-09 9:27:07am NGO
Office	-02 08' 42.76831"	30 05' 37.17370"	1424.308	2009/1/30	Bugesera
Office	-02 09' 13.51135"	30 06' 04.36788"	1454.589	2009/3/10	10-mar-09 .03 Nyamata sector
Office	-02 09' 27.67965"	30 31' 14.03468"	1661.271	2008/12/29	Sector Office Rurenge
Office	-02 09' 45.25349"	30 13' 39.80806"	1384.895	2009/3/13	.09 Rilima
Office	-02 10' 03.65803"	30 47' 54.72722"	1722.074	2009/1/26	Mpanga
Office	-02 10' 11.30495"	30 46' 40.04083"	1793.692	2009/1/27	2009/1/26 10:17
Office	-02 10' 26.99285"	30 19' 28.64294"	1383.452	2009/1/19	2009/1/19 10:04
Office	-02 10' 43.40465"	30 27' 53.14291"	1540.146	2008/12/31	Sector Office 01 Gashnda
Office	-02 10' 46.89860"	30 32' 12.23956"	1636.037	2009/1/2	Sector Office 21 Kibungo
Office	-02 10' 51.41698"	30 06' 16.72841"	1513.47	2009/3/10	10-mar-09 .04 cell Maranyundo
Office	-02 11' 01.29773"	30 30' 55.84860"	1648.293	2009/1/21	KAZO
Office	-02 11' 12.11240"	30 01' 32.24683"	1472.134	2009/3/16	03.Musenyi
Office	-02 11' 25.78402"	30 35' 26.55445"	1572.59	2009/1/15	Sector Office 01 Rukira
Office	-02 11' 26.83773"	30 40' 26.22392"	1667.76	2008/12/17	01.Mushikiri
Office	-02 11' 47.38741"	30 07' 20.47760"	1482.227	2009/3/23	Mayange
Office	-02 12' 06.59792"	30 35' 16.16856"	1595.662	2009/1/21	Murama Office
Office	-02 13' 29.91340"	30 23' 25.00224"	1410.85	2009/1/19	SAKE
Office	-02 13' 31.95624"	30 46' 08.57543"	1679.296	2009/1/27	Nabitare cell
Office	-02 14' 13.96527"	30 48' 18.04453"	1344.519	2009/1/27	Manama
Office	-02 15' 38.05664"	30 21' 50.11531"	1399.795	2009/1/23	JARAMA sec
Office	-02 15' 54.56138"	30 39' 15.35436"	1597.344	2008/12/12	Kirehe(sector)
Office	-02 16' 20.63004"	30 29' 18.79303"	1509.625	2009/1/30	2009/1/30 8:30
Office	-02 16' 35.69815"	30 42' 47.92986"	1725.679	2008/12/16	Sector Office 01 Kigina
Office	-02 16' 39.92716"	30 35' 17.75605"	1497.608	2008/12/9	Sector Office Gatore
Office	-02 16' 41.01255"	30 40' 03.79826"	1631.951	2008/12/8	District Office Kirehe
Office	-02 17' 09.31716"	30 44' 58.58333"	1407.245	2009/1/29	2009/1/28 8:30
Office	-02 19' 19.29865"	30 33' 01.19041"	1561.776	2008/12/8	Sector Office Gahar
Office	-02 19' 36.12566"	30 41' 35.30382"	1746.828	2008/12/11	Sectoer Office 01 Kigarama
Office	-02 19' 52.77041"	30 37' 44.58659"	1765.333	2008/12/11	Musaza
PDRCIU	-01 18' 34.63194"	30 19' 45.65734"	1409.648	2008/12/2	02-dec-08 11:19:28pm
Plant	-01 04' 42.02179"	30 24' 58.74797"	1423.106	2009/6/3	Filtration Plant & Tank
Plant	-01 10' 01.77474"	30 21' 42.46326"	1451.465	2009/6/3	Filtration Plant & Tank
Plant	-01 23' 26.17955"	30 07' 52.93549"	1638.2	2009/6/2	Tovu Plant
Plant	-01 26' 04.74537"	30 06' 34.10276"	1663.915	2009/6/2	Gatoki Plant
Plant	-01 31' 16.99896"	30 10' 38.97379"	1540.867	2009/6/3	Filtration Plant
Plant	-01 44' 57.92450"	30 13' 54.34298"	1566.342	2009/6/4	Power plant
Plant	-01 54' 05.46921"	30 25' 48.81619"	1449.302	2009/2/13	
Plant	-02 05' 27.00594"	30 18' 12.82079"	1455.31	2009/1/22	Treatment plant 25
Plant	-02 20' 26.44132"	30 00' 08.95216"	1361.823	2009/1/30	Bugesera Plant
PS	-02 11' 33.10625"	30 30' 46.58706"	1539.666	2009/1/22	PomP station/Rebero/Gahurire/ own generator(2h/day)/constructed by UNDP/secture has a committee
Psta	-01 03' 49.23874"	30 24' 55.75100"	1297.415	2009/12/7	MATIMBA RWENTANGA MITAYAYO 680
Psta	-01 09' 53.37044"	30 20' 45.18776"	1322.409	2009/12/7	MUSERI KIJOGO KIJOGO 712
Psta	-01 32' 16.01523"	30 14' 06.76810"	1423.827	2009/6/9	Pump station Karama
Psta	-01 32' 16.31789"	30 14' 06.91714"	0	2009/12/7	NGARAMANGARAMA INTSINZI 413 In use
Psta	-01 41' 30.80130"	30 17' 29.07416"	0	2009/12/7	KAGEYO NYAGISOZI AGATARE 319 In use
Psta	-01 44' 20.58818"	30 15' 46.72267"	1485.592	2009/6/4	Pump Station
Psta	-02 00' 38.56514"	30 21' 54.29452"	1434.162	2009/1/20	Byimana pump station 10
Psta	-02 09' 17.73402"	30 45' 38.71559"	1624.501	2009/1/27	Pump station/Rutungu/Nyarutungu/1998/UNHCR/IRC
Psta	-02 09' 33.19169"	30 48' 51.71818"	1590.135	2008/12/18	Pump to health center 08
Pump	-01 56' 36.28010"	30 24' 07.38252"	1512.509	2008/12/27	5
River	-01 32' 53.66349"	30 12' 36.00666"	1460.598	2009/6/9	River
RIVER	-01 45' 09.85624"	30 25' 25.51818"	0	2009/12/7	KIZIGURO NDATEMWA MISHUNZI 182 In use
River	-01 45' 09.92474"	30 25' 25.56858"	1465.645	2009/12/7	Kiziguro Ndatemwa Mushunzi 637
Rukumbe	-02 10' 27.27891"	30 19' 28.71142"	1370.235	2009/1/19	Sector Office 01
S.Tank	-01 24' 05.06165"	30 07' 11.26700"	0	2009/3/1	KIYOMBE KARAMBO RUGARAMA 629 Working
S.Tank	-01 31' 40.14669"	30 16' 28.26098"	0	2009/12/7	NGARAMA KIGASHA CYABAHIMA 467 In use
S.Tank	-01 32' 24.06196"	30 16' 00.31667"	0	2009/12/7	NGARAMA KIGASHA KIZUNGURUKO 447 Working
S.Tank	-01 33' 06.68334"	30 15' 20.03202"	0	2009/12/7	NGARAMA NYARUBUNGORWIRI430
S.Tank	-01 33' 49.09228"	30 15' 13.98740"	0	2009/12/7	GATSIBO NYABICWAMBA GATUNGO 373 Not in use
S.Tank	-01 34' 19.56647"	30 15' 42.85868"	0	2009/12/7	GATSIBO NYABICWAMBA NYABIHEKE
S.Tank	-01 34' 25.30210"	30 16' 14.95510"	0	2009/12/7	GATSIBO NYABICWAMBA NYABIHEKE 370 Not in use
S.Tank	-01 34' 40.71300"	30 14' 12.13138"	0	2009/12/7	GATSIBO GATSIBO GATSIBO 329 In use
S.Tank	-01 35' 02.82513"	30 14' 13.75357"	0	2009/12/7	GATSIBO GATSIBO GATSIBO 327 In use
S.Tank	-01 35' 09.00494"	30 16' 44.63749"	0	2009/12/7	GATSIBO NYABICWAMBA KADUHA 381 In use
S.Tank	-01 35' 15.57099"	30 16' 14.06672"	0	2009/12/7	GATSIBO NYABICWAMBA KIGARAMA 368 In use
S.Tank	-01 35' 21.42250"	30 15' 28.43269"	0	2009/12/7	GATSIBO NYABICWAMBA GATOMA 378 Not In use
S.Tank	-01 35' 45.14696"	30 16' 18.31105"	0	2009/12/7	GATSIBO NYABICWAMBA AKABASHENDE 366
S.Tank	-01 36' 33.91939"	30 13' 12.68933"	0	2009/12/7	GATSIBO NYAGAHANGA MANGARAMA 344 In use
S.Tank	-01 36' 38.80530"	30 13' 11.43404"	0	2009/12/7	GATSIBO NYAGAHANGA NYAGAHANGA 343 Not in use
S.Tank	-01 39' 14.07302"	30 14' 34.24351"	0	2009/12/7	KAGEYO KINTU JABIRO 299 In use
S.Tank	-01 39' 44.00647"	30 15' 00.02488"	1572.35	2009/12/7	KAGEYO KINTU GAKIRO 293 T.Working
S.Tank	-01 40' 04.53502"	30 15' 11.61202"	0	2009/12/7	KAGEYO KINTU RUTOMA 304 Not working

4.1 Données de localisation de tous les ouvrages (39/55)

Name	Latitude	Longitude	Alti	Date	Comments
S.Tank	-01 41' 02.10381"	30 16' 15.86273"	1612.004	2009/12/7	KAGEYO NYAGISOZI KAGEYO 314 In use 5m3
sample	-02 14' 50.24550"	30 23' 30.89782"	1337.069	2009/1/19	water sample 36
SP	-01 16' 32.89271"	30 10' 17.80072"	0	2009/12/7	TABAGWE GISHURO NYAGATARE 567 Public in use Working
SP	-01 17' 14.10432"	30 12' 28.04018"	0	2009/12/7	TABAGWE TABAGWE TABAGWE 566 Working public in use
SP	-01 18' 41.20101"	30 12' 02.04638"	0	2009/12/7	TABAGWE NYAGATOMA MUTUNGISA 573 Working public in use
SP	-01 18' 42.12798"	30 10' 29.29130"	0	2009/12/7	TABAGWE SHONGA NYAKANONI 570 Public in use
SP	-01 19' 00.45498"	30 10' 48.68044"	0	2009/12/7	TABAGWE SHONGA NYAKIGANDO 568 Public in use
SP	-01 19' 18.85922"	30 10' 12.72169"	0	2009/12/7	TABAGWE SHONGA NYAKANONI 569 Public in use
SP	-01 19' 45.45171"	30 10' 25.64134"	0	2009/12/7	TABAGWE SHONGA MOSHONGA 572 Working Public in use
SP	-01 22' 08.24303"	30 09' 09.07146"	1500.011	2009/12/7	KARAMA NDEGO KABABANDA 799
SP	-01 22' 10.05262"	30 08' 15.09378"	1694.437	2009/12/7	KARAMA NDEGO RUBANDA 800
SP	-01 23' 01.58463"	30 22' 53.57874"	1374.08	2009/12/7	Karangazi Mbare Mbare 870
SP	-01 23' 06.45002"	30 06' 42.66608"	0	2009/3/1	KIYOMBE KARAMBO RWAKASHANDE 631 Public In use not constructed
SP	-01 23' 31.30112"	30 07' 42.84952"	1651.898	2009/12/7	KIYOMBE TOVU GASHURO 737
SP	-01 23' 31.59261"	30 07' 42.75088"	1647.813	2009/6/2	SP
SP	-01 24' 04.84922"	30 07' 20.82641"	0	2009/3/1	KIYOMBE KARAMBO RUGARAMA 630 Captage
SP	-01 25' 43.48327"	30 10' 09.56510"	1542.55	2009/12/7	GATUNDA NYANGARA RAMIRO 897
SP	-01 25' 46.98083"	30 06' 23.12698"	1706.213	2009/3/1	KIYOMBE KABUNGO BITARE
SP	-01 26' 11.27461"	30 09' 53.92033"	1581.482	2009/12/7	GATUNDA NYANGARA RYANYABUKWENDE 901
SP	-01 26' 33.38191"	30 09' 55.38956"	1569.707	2009/12/7	GATUNDA NYANGARA RYANYABUKWENDE 903
SP	-01 26' 51.24059"	30 11' 01.19458"	0	2009/3/1	MUKAMA KAGINA CYABAHURORA 605 Public in use Working
SP	-01 26' 55.89476"	30 10' 57.69912"	0	2009/3/1	MUKAMA KAGINA KABEZA 614 Public in use
SP	-01 27' 06.41915"	30 12' 30.98646"	1392.825	2009/12/7	Mimuli Mahoro Cyambwana 988
SP	-01 27' 08.26856"	30 08' 29.54965"	1720.152	2009/12/7	KIYOMBE KAJUMBA NYANGE 825
SP	-01 28' 02.61981"	30 08' 25.02704"	1831.664	2009/12/7	KIYOMBE KAJUMBA GISHORO 827
SP	-01 28' 14.03103"	30 17' 08.87906"	1389.461	2009/12/7	Katabagemu Katabagemu Kagogo 903
SP	-01 28' 15.16229"	30 14' 08.71768"	1383.212	2009/12/7	Mimuli Bibare Nyaruziba 968
SP	-01 28' 32.37855"	30 11' 03.25068"	1421.184	2009/12/7	Mimuli Gakoma Rusororo 997
SP	-01 28' 51.78550"	30 07' 59.62404"	0	2009/3/2	KIYOMBE KABUNGO KABINDI. 640 Not Working To Rheabillitate
SP	-01 29' 18.30075"	30 08' 23.33904"	0	2009/3/2	KIYOMBE KABUNGO MATABA 642 Captage
SP	-01 29' 19.57533"	30 08' 22.95280"	0	2009/3/2	KIYOMBE KABUNGO MATABA 641 Not Working Damaged by errosion actions
SP	-01 30' 42.88327"	30 12' 21.24936"	1420.703	2009/12/7	NYAGIHANGANYAGITABIREKAMURARA552
SP	-01 31' 17.72165"	30 10' 48.78545"	1463.962	2009/12/7	Nyagihanga Murambi Kabeza 793
SP	-01 31' 30.36400"	30 12' 42.28214"	1451.465	2009/12/7	NYAGIHANGANYAGITABIREBYIMANA555
SP	-01 31' 39.68321"	30 16' 27.58508"	0	2009/12/7	NGARAMA KIGASHA CYABAHIMA 466 Working public in use
SP	-01 31' 52.49575"	30 13' 24.63856"	1464.203	2009/12/7	NYAGIHANGAMAYANGEMATABA563
SP	-01 32' 16.26146"	30 10' 42.59449"	1494.484	2009/12/7	Nyagihanga Murambi Kabeza 800
SP	-01 32' 25.42406"	30 13' 52.12031"	1439.689	2009/12/7	NYAGIHANGAGITINDAKABUYE581
SP	-01 32' 29.16332"	30 10' 53.41912"	1513.229	2009/12/7	Nyagihanga Murambi Umugamba 797
SP	-01 32' 31.35462"	30 10' 34.49798"	1492.321	2009/12/7	Nyagihanga Murambi Birembo 802
SP	-01 32' 42.61286"	30 10' 38.24054"	1507.702	2009/12/7	Nyagihanga Murambi Kagarama 801
SP	-01 32' 44.51840"	30 10' 32.69078"	1502.415	2009/12/7	Nyagihanga Murambi Kagarama 803
SP	-01 32' 44.61767"	30 13' 42.30926"	1479.824	2009/12/7	NYAGIHANGAGITINDAKABUYE582
SP	-01 32' 51.07932"	30 14' 03.61482"	0	2009/12/7	NGARAMA NGARAMA RUGARAMA 387 In use
SP	-01 32' 53.63000"	30 13' 10.08282"	1486.793	2009/12/7	NYAGIHANGAMAYANGERWEZA580
SP	-01 33' 30.84766"	30 12' 50.18461"	1528.37	2009/12/7	NYAGIHANGAGITINDAMAYANGERWEZA579
SP	-01 33' 35.92156"	30 15' 28.52924"	0	2009/12/7	NGARAMA NYARUBUNGO RWIRI 397 In use
SP	-01 33' 39.12734"	30 15' 22.63914"	0	2009/12/7	NGARAMA NGARAMA KABEHO 398 In use
SP	-01 33' 40.73022"	30 15' 34.07177"	0	2009/12/7	NGARAMA NYARUBUNGO RWIRI 396 In use
SP	-01 33' 45.53738"	30 13' 58.46578"	1519.718	1989/12/31	NYAGIHANGAGITINDAISANGANO591
SP	-01 33' 46.60104"	30 15' 46.21896"	0	2009/12/7	NGARAMA NYARUBUNGO RWIRI 395 In use
SP	-01 33' 48.85179"	30 10' 05.39371"	1560.094	2009/12/7	Nyagihanga Murambi Rukoma 804
SP	-01 34' 16.72490"	30 12' 10.55538"	1500.252	2009/12/7	Nyagihanga Nyamirama Rugarama 830
SP	-01 34' 16.89539"	30 12' 10.46729"	1499.05	2009/12/7	Nyagihanga Nyamirama Burembo 829
SP	-01 34' 25.26348"	30 15' 12.30725"	0	2009/12/7	GATSIBO NYABICWAMBA RUTOVU 375 In use
SP	-01 34' 29.33859"	30 13' 36.26375"	1599.027	2009/12/7	NYAGIHANGAGITINDAKINTARAMA588
SP	-01 34' 33.51026"	30 10' 56.24015"	1849.929	2009/12/7	Nyagihanga Murambi Kanyinya 805
SP	-01 34' 49.31917"	30 13' 36.23477"	1606.957	2009/12/7	NYAGIHANGAGITINDANYABUKINGI587
SP	-01 35' 04.50527"	30 15' 45.46580"	0	2009/12/7	GATSIBO NYABICWAMBA GATOMA 376 In use
SP	-01 35' 17.77828"	30 11' 06.42930"	1847.525	2009/12/7	Nyagihanga Murambi Kanyinya 817
SP	-01 35' 27.13882"	30 16' 58.09789"	0	2009/12/7	GATSIBO NYABICWAMBA RUCUMBO 382 In use
SP	-01 35' 33.37657"	30 13' 43.89737"	0	2009/12/7	GATSIBO GATSIBO HANIKA 334 In use
SP	-01 35' 48.53641"	30 11' 36.31538"	1768.938	2009/12/7	Nyagihanga Nyamirama Butumba 823
SP	-01 35' 49.28958"	30 12' 53.86021"	0	2009/12/7	GATSIBO NYAGAHANGA MANGARAMA 345 In use
SP	-01 35' 51.62632"	30 12' 27.01667"	0	2009/12/7	GATSIBO NYAGAHANGA KARAMA 346 In use
SP	-01 35' 54.42654"	30 16' 44.32850"	0	2009/12/7	GATSIBO KADUHA RYABAKAME 384 In use
SP	-01 35' 58.39514"	30 12' 32.97197"	1575.955	2009/12/7	Nyagihanga Nyamirama Burembo 827
SP	-01 35' 59.48626"	30 13' 14.44670"	0	2009/12/7	GATSIBO GATSIBO NYARUKONI 341 In use
SP	-01 35' 59.85138"	30 17' 39.75760"	1416.618	2009/12/7	Gitoki Rubira Kavumu 763
SP	-01 36' 04.62262"	30 11' 06.15440"	1727.362	2009/12/7	Nyagihanga Nyamirama Kabuga 821
SP	-01 36' 04.66185"	30 14' 59.15587"	0	2009/12/7	GATSIBO NYAGAHANGA NYAKAGARAMA 362 In use
SP	-01 36' 04.70470"	30 14' 59.21682"	1523.804	2009/12/7	GATSIBO MUGERA KAVUMU 523

4.1 Données de localisation de tous les ouvrages (40/55)

Name	Latitude	Longitude	Alti	Date	Comments
SP	-01 36' 07.46540"	30 17' 09.23662"	1410.129	2009/12/7	GATSIBO MUGERA KAMASAPFU 528
SP	-01 36' 12.73423"	30 13' 21.86249"	0	2009/12/7	GATSIBO GATSIBO YARUKONI 340. In use
SP	-01 36' 12.74539"	30 17' 42.23735"	1416.858	2009/12/7	Gitoki Rubira Gikuyu 762
SP	-01 36' 18.87541"	30 13' 40.69160"	0	2009/12/7	GATSIBO GATSIBO NYARUKONI 399 In use
SP	-01 36' 21.69495"	30 14' 09.83324"	0	2009/12/7	GATSIBO GATSIBO NYARUKONI 337 In use
SP	-01 36' 22.46954"	30 14' 13.29641"	1566.823	2009/12/7	GATSIBO MUGERANYARUKONI 534
SP	-01 36' 23.16266"	30 14' 01.39394"	0	2009/12/7	GATSIBO GATSIBO NYARUKONI 338 In use
SP	-01 36' 37.92389"	30 13' 23.95934"	1541.348	2009/12/7	GATSIBO MANISHYA NYARUKONI 540
SP	-01 36' 38.65895"	30 11' 24.62957"	1736.013	2009/12/7	Nyagihanga Nyamirama Rugogwe 820
SP	-01 36' 47.02825"	30 13' 17.11870"	1545.193	2009/7/6	150 l/min
SP	-01 36' 47.03217"	30 13' 16.84139"	0	2009/12/7	GATSIBO NYAGAHANGA NYAGAHANGA 349 In use
SP	-01 36' 49.36016"	30 14' 08.03875"	1569.947	2009/12/7	GATSIBO MUGERA KABUGA 536
SP	-01 36' 55.11813"	30 17' 42.51887"	1418.781	2009/12/7	Gitoki Rubira Nyakarama 754
SP	-01 36' 55.33629"	30 12' 41.15297"	0	2009/12/7	GATSIBO NYAGAHANGA KIZINGA 360 In use
SP	-01 36' 56.95849"	30 12' 39.78184"	0	2009/12/7	GATSIBO NYAGAHANGA KIZINGA 359 In use
SP	-01 36' 59.03814"	30 20' 29.55689"	1389.461	2009/12/7	GITOKI KARUBUNGO RWAMUHINGA 500
SP	-01 37' 00.43976"	30 11' 25.66244"	1770.38	2009/12/7	Nyagihanga Nyamirama Kinteko 819
SP	-01 37' 03.62532"	30 24' 01.55848"	1486.553	2009/2/24	KABARORE KARENJE NYARUBUYE 620 Good condition
SP	-01 37' 04.11084"	30 24' 02.44681"	1487.274	2009/2/24	KABARORE KARENJE NYARUBUYE 621 Good condition
SP	-01 37' 15.33316"	30 11' 31.33442"	1817.965	2009/12/7	Nyagihanga Nyamirama Rugogwe 818
SP	-01 37' 18.80538"	30 15' 34.87565"	1481.747	2009/12/7	KAGEYO BUSETSA KAYENZI482
SP	-01 37' 24.13034"	30 13' 21.49525"	0	2009/12/7	GATSIBO NYAGAHANGA NYAGAHANGA 352 In use
SP	-01 37' 27.58204"	30 17' 48.40267"	1436.325	2009/12/7	Kageyo Busetza Nyarubuye 741
SP	-01 37' 27.60286"	30 17' 48.47147"	1426.471	2009/12/7	KAGEYO BUSETSA NYARUBUYE 464
SP	-01 37' 32.83609"	30 21' 00.05461"	1390.903	2009/12/7	Gitoki Nyamirama Rukiri 782
SP	-01 37' 37.48754"	30 22' 03.49241"	1412.532	2009/12/7	Gitoki Nyamirama Kinteko 780
SP	-01 37' 42.60127"	30 22' 12.45374"	1404.601	2009/12/7	Gitoki Nyamirama Kinteko 781
SP	-01 37' 45.19963"	30 13' 21.57280"	0	2009/12/7	GATSIBO NYAGAHANGA RUGARAMA 353 In use
SP	-01 37' 48.23401"	30 14' 36.69612"	1655.504	2009/12/7	GATSIBO MANISHYA RUGARAMA 538
SP	-01 37' 52.42138"	30 17' 53.83838"	1432.96	2009/12/7	Gitoki Mpondwa Bwiza 753
SP	-01 37' 52.44159"	30 13' 33.48826"	0	2009/12/7	GATSIBO NYAGAHANGA RUGARAMA 354 In use
SP	-01 37' 56.28466"	30 26' 21.65788"	0	2009/12/7	RWIMBOGO NYAMATETE NYAMATETE 491 Public in use
SP	-01 37' 56.45817"	30 21' 32.00285"	1409.167	2009/12/7	Gitoki Nyamirama Minago 750
SP	-01 38' 01.24812"	30 14' 02.75212"	1547.596	2009/12/7	GATSIBO MANISHYA MANISHYA 539
SP	-01 38' 10.70553"	30 20' 06.87898"	1432.96	2009/12/7	GITOKI KARUBUNGO GISHARARA 491
SP	-01 38' 10.83498"	30 20' 07.02474"	1437.046	2009/12/7	Gitoki Karubungo Gisharara 746
SP	-01 38' 19.55551"	30 13' 49.24675"	0	2009/12/7	GATSIBO NYAGAHANGA NYAKIBANDE 356 In use
SP	-01 38' 31.88646"	30 20' 02.73386"	1442.813	2009/12/7	Gitoki Nyamirama Nyamuraza 745
SP	-01 38' 34.03853"	30 15' 24.11287"	1611.523	2009/12/7	KAGEYO BUSETSA NYARUSANGE 478
SP	-01 38' 34.12664"	30 15' 22.73782"	1622.338	2009/12/7	KAGEYO BUSETSA NYARUSANGE 477
SP	-01 38' 34.65832"	30 16' 18.06791"	1485.832	2009/12/7	KAGEYO BISETSA KANINGA 475
SP	-01 38' 36.00925"	30 26' 10.86252"	0	2009/12/7	RWIMBOGO NYAMATETE KIYOVU 492 Public in use
SP	-01 38' 36.27630"	30 16' 34.99298"	1471.412	2009/12/7	KAGEYO BUSETSA RUGARAMA 468
SP	-01 38' 41.68031"	30 20' 00.93786"	1445.938	2009/12/7	Gitoki Nyamirama Akagarama 747
SP	-01 38' 42.43408"	30 14' 39.02622"	1549.038	2009/12/7	GATSIBO MANISHYA NYARUHANGA 537
SP	-01 38' 47.51915"	30 13' 38.49002"	0	2009/12/7	GATSIBO NYAGAHANGA NYAKIBANDE 357 In use
SP	-01 38' 51.86312"	30 18' 24.64085"	1441.612	2009/12/7	Gitoki Mpondwa Nyaruhanga
SP	-01 38' 57.82265"	30 20' 08.03710"	1458.675	2009/12/7	Gitoki Nyamirama Akagarama 748
SP	-01 39' 12.41219"	30 25' 45.25496"	0	1989/12/31	RWIMBOGO NYAMATETE UMUREGO 493 Working
SP	-01 39' 16.40976"	30 25' 38.14817"	0	2009/12/7	RWIMBOGO NYAMATETE RUTEMBO Working
SP	-01 39' 17.46135"	30 18' 38.03335"	1464.924	2009/12/7	REMERA KIGABIROKANYINYA 425
SP	-01 39' 23.62366"	30 18' 09.18860"	1461.559	2009/12/7	REMERA KIGABIRO BYIMANA 426
SP	-01 39' 30.19091"	30 16' 52.06984"	1520.92	2009/12/7	KAGEYO BISETSA CYABUHIMBIRU 472
SP	-01 39' 32.16827"	30 14' 52.80223"	0	2009/12/7	KAGEYO KINTU GAKERI 295 In use
SP	-01 39' 41.68904"	30 26' 04.08404"	0	2009/12/7	RWIMBOGO NYAMATETE RWIMBOGO 495 Working
SP	-01 39' 44.61027"	30 16' 36.97579"	1581.963	2009/12/7	KAGEYO BUSETSA CYABUHIMBIRI 471
SP	-01 39' 59.30150"	30 15' 27.15811"	0	2009/12/7	KAGEYO NYAGISOZI KINYINYA 312 In use
SP	-01 40' 00.26709"	30 22' 10.13963"	0	2009/12/7	RUGARAMA MATARE NYARUSAMBU 236 Working
SP	-01 40' 05.75167"	30 14' 38.78182"	0	2009/12/7	KAGEYO KINTU RUTOMA 301 In use
SP	-01 40' 06.21516"	30 14' 37.44928"	0	2009/12/7	KAGEYO KINTU RUTOMA 303 in use
SP	-01 40' 07.50393"	30 17' 33.72263"	1500.973	2009/12/7	GITOKI MPONDWA GAHAMA 427
SP	-01 40' 10.31683"	30 24' 53.99935"	1369.994	2009/2/18	RUGARAMA KANYANGESE MUNINI 404
SP	-01 40' 16.26580"	30 27' 00.71834"	1348.124	2009/12/7	RUGARAMA MATUNGURU RAMBURA 419
SP	-01 40' 17.82161"	30 15' 28.95412"	0	2009/12/7	KAGEYO KINTU RUTOMA 306 In use
SP	-01 40' 18.43959"	30 21' 51.31055"	0	2009/12/7	RUGARAMA MATARE NYAGATARE 235 In use but in bad condition
SP	-01 40' 21.20120"	30 18' 45.31756"	0	2009/12/7	REMERA NYAGAKOMBE RUNYINYA 256 not working
SP	-01 40' 26.18367"	30 15' 34.09110"	0	2009/12/7	KAGEYO KINTU RUTOMA 307 In use
SP	-01 40' 28.38673"	30 19' 40.35468"	1535.099	2009/12/7	Gitoki Cyabusheshe Binunga 776
SP	-01 40' 28.46519"	30 19' 40.28560"	1555.527	2009/12/7	REMERA RWAKARUGU AKABUGA 424
SP	-01 40' 29.74822"	30 26' 00.70357"	1362.544	2009/2/18	RUGARAMA KANYANGESE RUGAZI 406
SP	-01 40' 31.96608"	30 26' 50.83274"	1346.923	2009/12/7	RUGARAMA MATUNGURU RAMBURA 420
SP	-01 40' 34.14017"	30 15' 51.22076"	0	2009/12/7	KAGEYO NYAGISOZI KINYANA In use
SP	-01 40' 36.51976"	30 17' 46.20808"	1568.024	2009/12/7	REMERA KIGABIRO BYIMANA 428
SP	-01 40' 39.02609"	30 22' 55.52260"	0	2009/12/7	RUGARAMA MATARE MATARE 233 Ground Water
SP	-01 40' 42.13530"	30 22' 41.27045"	0	2009/12/7	RUGARAMA MATARE MATARE 234 Working
SP	-01 40' 44.12443"	30 16' 22.73779"	0	2009/12/7	KAGEYO NYGISOZI KINYINYA 310 Not cleaned

4.1 Données de localisation de tous les ouvrages (41/55)

Name	Latitude	Longitude	Alti	Date	Comments
SP	-01 40' 45.70800"	30 16' 04.17904"	0	2009/12/7	KAGEYO NYAGISOZI KASHANGO 309 In use
SP	-01 40' 46.53842"	30 23' 24.47117"	0	2009/12/7	RUGARAMA MATARE RWANKUBA 232 Working
SP	-01 40' 48.75929"	30 16' 16.44211"	0	2009/12/7	KAGEYO NYAGISOZI KAGEYO 311 Not working
SP	-01 40' 49.00189"	30 26' 31.17563"	1341.876	2009/12/7	ACTIVE LOG
SP	-01 41' 00.69223"	30 26' 29.20823"	1347.644	2009/12/7	RUGARAMA MATUNGURU NYABAGENDWA 410
SP	-01 41' 03.60109"	30 26' 19.65790"	1348.124	2009/2/18	RUGARAMA KANYANGESE AGAKIRE407
SP	-01 41' 11.16864"	30 21' 05.37113"	1443.054	2009/12/7	Rugarama Remera Akajevuba 693
SP	-01 41' 15.40971"	30 23' 55.67921"	0	2009/12/7	RUGARAMA GIHUTA GASHENYI 240 It is working
SP	-01 41' 16.29897"	30 21' 30.15734"	1462.761	2009/12/7	Rugarama Remera Akajevuba 692
SP	-01 41' 17.72714"	30 22' 25.14468"	0	2009/12/7	RUGARAMA MATARE GAKENYERO 231 Not good
SP	-01 41' 19.59919"	30 22' 14.91510"	1481.026	2009/12/7	Rugarama Remera Kanyiranzage 691
SP	-01 41' 27.05479"	30 23' 06.64627"	0	2009/12/7	RUGARAMA MATARE GITSIMBA B 230 Public in
SP	-01 41' 27.65920"	30 19' 18.53346"	1543.271	2009/12/7	REMERA KIGABIRO NYAGAKOMBE 423
SP	-01 41' 40.69141"	30 26' 06.31669"	1360.141	2009/12/7	RUGARAMA MATUNGURU NYABAGENDWA 411
SP	-01 41' 46.11866"	30 16' 58.10934"	1588.693	2009/12/7	KAGEYO GITUZA GISIZA 451
SP	-01 41' 47.55951"	30 25' 44.04281"	1364.226	2009/2/18	RUGARAMA KANYANGESE CYAMIRITA 402
SP	-01 41' 50.30572"	30 24' 48.96104"	1390.422	2009/12/7	REMERA KANYANGESE 421
SP	-01 41' 56.66628"	30 26' 00.12692"	1362.784	2009/12/7	RUGARAMA MATUNGURU KABASAZA412
SP	-01 42' 01.27428"	30 22' 23.03879"	1467.087	2009/12/7	Rugarama Remera Kanyiranzage 687
SP	-01 42' 07.72566"	30 23' 10.58590"	0	2009/12/7	RUGARAMA MATARE KABANA 229 Not in good conditions
SP	-01 42' 10.37471"	30 24' 53.72867"	1392.344	2009/2/18	RUGARAMA KANYANGESE KANYANGESE 401
SP	-01 42' 17.78204"	30 18' 10.94602"	1655.263	2009/12/7	Remera Butiruka Kerekezo 701
SP	-01 42' 19.54787"	30 26' 48.61910"	1353.892	2009/12/7	RUGARAMA MATIUNGURU NYAMATA415
SP	-01 42' 39.01095"	30 23' 47.97377"	0	2009/12/7	RUGARAMA GIHUTA NYAGAHANGA 250 working
SP	-01 42' 45.05558"	30 21' 59.88503"	0	2009/12/7	RUGARAMA BUGARAMA AKABARE 228 Not in good
SP	-01 42' 50.56037"	30 25' 03.02765"	1389.941	2009/2/18	RUGARAMA KANYANGESE KANYANGE 400
SP	-01 42' 53.23719"	30 18' 26.67856"	1551.682	2009/12/7	Remera Butiruka Kerekezo 702
SP	-01 42' 59.19913"	30 25' 33.70580"	1445.697	2009/2/18	RUGARAMA NYANGESE KANYANGESE 399
SP	-01 43' 09.62515"	30 28' 02.95396"	1373.839	2009/1/19	36.Gisagora
SP	-01 43' 15.26573"	30 25' 17.42196"	1403.88	2009/2/18	RUGARAMA KANYANGESE 398
SP	-01 43' 34.40805"	30 25' 13.06592"	1406.524	2009/2/18	RUGARAMA KANYANGESE RUGARAMA 397
SP	-01 43' 52.01961"	30 25' 39.02293"	1431.038	2009/2/18	RUGARAMA KANYANGESE AKAZINGA 395
SP	-01 43' 54.50270"	30 25' 48.11250"	1439.208	2009/2/18	RUGARAMA KANYANGESE AKAZINGA 396
SP	-01 43' 56.81650"	30 25' 09.28952"	1405.563	2009/2/17	
SP	-01 43' 56.83310"	30 25' 09.11845"	1408.447	1989/12/31	Kiziguro Ndatemwa Akarambo 640
SP	-01 43' 56.89586"	30 25' 09.29618"	0	2009/12/7	KIZIGURO NDATEMWA KARAMBO 185 Public in use
SP	-01 43' 56.91759"	30 25' 09.25212"	1408.447	2009/2/17	KIZIGURO NDATEMWA KARAMBO 345
SP	-01 44' 00.77756"	30 25' 05.87798"	0	2009/12/7	KIZIGURO NDATEMWA KARAMBO 184 Public in use
SP	-01 44' 00.78208"	30 25' 05.86891"	1405.322	2009/2/17	KIZIGURO NDATEMWA KARAMBO 344
SP	-01 44' 00.80351"	30 25' 05.85260"	1407.245	2009/12/7	Kiziguro Ndatemwa Akarambo 639
SP	-01 44' 00.83579"	30 25' 05.84962"	1404.121	2009/2/17	20.6 l/min 65.9 ms/m 22.3
SP	-01 44' 17.92472"	30 24' 55.88737"	1411.811	2009/2/17	
SP	-01 44' 17.98446"	30 24' 55.95167"	0	2009/12/7	KIZIGURO NDATEMWA MATABA 183. Ground water
SP	-01 44' 18.02761"	30 24' 55.86988"	1407.966	2009/12/7	Kiziguro Ndatemwa Mataba 638
SP	-01 44' 18.38941"	30 29' 33.36688"	1382.972	2009/1/19	27.Kayongo
SP	-01 44' 20.43708"	30 26' 44.46524"	0	2009/12/7	KIZIGURO MBOGO AKABUYE 212 Public in use ground
SP	-01 44' 30.66213"	30 23' 21.20413"	1433.921	2009/12/7	Kiziguro Ndatemwa Akabagendo 649
SP	-01 44' 30.66213"	30 23' 21.20413"	1433.921	2009/12/7	Kiziguro Ndatemwa Akabagendo 649
SP	-01 44' 33.20768"	30 23' 22.71678"	1430.797	2009/12/7	Kiziguro Ndatemwa Akabagendo 649
SP	-01 44' 33.23332"	30 23' 22.75933"	1429.595	2009/2/17	KIZIGURO NDATEMWA AKABAGENDO 355
SP	-01 44' 33.29880"	30 23' 22.82964"	0	2009/12/7	KIZIGURO NDATEMWA AKABAGENDO 195 Public in
SP	-01 44' 45.27218"	30 21' 02.10380"	0	2009/12/7	REMERA RWARENGA NYARUBUYE 291 Working
SP	-01 44' 45.69041"	30 18' 44.55986"	1584.126	2009/2/3	03-feb-09 24
SP	-01 44' 49.14181"	30 18' 55.54562"	1576.916	2009/2/3	21.Nyakagezi
SP	-01 44' 50.24953"	30 25' 06.07775"	1423.827	2009/2/17	37.5 l/min 62 ms/m 22.6
SP	-01 44' 50.27970"	30 25' 05.96669"	1428.154	2009/2/17	KIZIGURO NDATEMWA MISHUNZI 340
SP	-01 44' 50.29328"	30 25' 05.93591"	0	2009/12/7	KIZIGURO NDATEMWA MISHUNZI 181 In use
SP	-01 44' 50.31108"	30 25' 05.96971"	1436.805	2009/12/7	Kiziguro Ndatemwa Mishunzi 635
SP	-01 44' 50.33432"	30 25' 05.95283"	1435.844	2009/12/7	Kiziguro Ndatemwa Mishunzi 635
SP	-01 44' 56.38769"	30 24' 25.67423"	1421.424	2009/2/17	2.83 ms/m 22.6
SP	-01 44' 56.41757"	30 24' 25.59334"	1425.99	2009/12/7	Kiziguro Ndatemwa Rukungu 633
SP	-01 44' 56.45106"	30 24' 25.61324"	1414.455	2009/2/17	KIZIGURO NDATEMWA RUKUNGU 338
SP	-01 44' 56.56965"	30 24' 25.74785"	0	2009/12/7	KIZIGURO NDATEMWA RUKUNGU 179 Not in use
SP	-01 45' 00.59377"	30 30' 05.06765"	1388.98	2009/1/19	26.Nyamga
SP	-01 45' 01.67101"	30 25' 09.06686"	1445.457	2009/2/17	KIZIGURO AGAKOMEYE BISHENYI 367
SP	-01 45' 09.03367"	30 19' 12.25013"	1579.32	2009/2/3	20.Gakoni
SP	-01 45' 09.89486"	30 25' 25.51033"	1468.048	2009/2/17	KIZIGURO NDATEMWA MISHUNZI 341
SP	-01 45' 09.93711"	30 25' 25.53780"	1469.73	2009/2/17	44.8 ms/m 20.2
SP	-01 45' 11.01495"	30 19' 57.37030"	0	2009/12/7	REMERA RWARENGA NYARUBUYE 286 cleaned
SP	-01 45' 16.36345"	30 23' 49.66775"	1446.418	2009/12/7	Kiziguro Ndatemwa Gorora 652
SP	-01 45' 16.51643"	30 23' 49.53289"	1448.101	2009/2/17	KIZIGURO NDATEMWA RYARUGEMA 358
SP	-01 45' 18.28317"	30 24' 52.01687"	1461.078	2009/2/17	KIZIGURO AGAKOMEYE BISHENYI 368
SP	-01 45' 18.98504"	30 24' 39.65936"	1440.17	2009/12/7	Kiziguro Ndatemwa Bishenyi 634
SP	-01 45' 19.01974"	30 24' 39.75109"	1437.767	2009/2/17	KIZIGURO NDATEMWA RUKUNGU 339
SP	-01 45' 19.04871"	30 24' 39.76826"	0	2009/12/7	KIZIGURO NDATEMWA RUKUNGU 180 Public in use To be treated
SP	-01 45' 19.05293"	30 24' 39.75109"	1435.604	2009/2/17	15.4 ms/m 22.6

4.1 Données de localisation de tous les ouvrages (42/55)

Name	Latitude	Longitude	Alti	Date	Comments
SP	-01 45' 19.10664"	30 19' 17.85814"	0	2009/12/7	REMERA RWARENGA NYARUBUYE 288 working
SP	-01 45' 20.14949"	30 25' 58.07806"	0	2009/12/7	KIZIGURO. MBOGO RYAMUHUZI 216 In use Public
SP	-01 45' 40.27702"	30 24' 28.45937"	1443.054	2009/2/17	KIZIGURO AGAKOMEYE AKINGONDO 369
SP	-01 45' 49.34969"	30 24' 12.04787"	1429.836	2009/2/17	KIZIGURO AGAKOMEYE AKINGONDO 372
SP	-01 45' 50.72174"	30 24' 13.36738"	1433.441	2009/2/17	KIZIGURO AGAKOMEYE AKINGONDO 371
SP	-01 45' 52.90761"	30 24' 12.89545"	1436.565	2009/2/17	KIZIGURO AGAKOMEYE AKINGONDO 370
SP	-01 46' 42.24741"	30 24' 38.40224"	1475.979	2009/12/7	Kiziguro Rubona Rubira 667
SP	-01 46' 57.23164"	30 24' 22.97808"	1469.73	2009/12/7	Kiziguro Rubona Rubira 669
SP	-01 47' 11.48835"	30 26' 39.36480"	1458.915	2009/12/7	Kiziguro Rubona Rubindi 684
SP	-01 47' 12.63862"	30 26' 43.67616"	1461.8	2009/12/7	Kiziguro Rubona Rubindi 685
SP	-01 47' 24.12678"	30 29' 33.04309"	1498.329	2009/1/15	21. Kajara
SP	-01 47' 27.54741"	30 20' 29.02553"	1516.354	2009/1/26	11.Ngaruye
SP	-01 47' 29.19314"	30 20' 03.69496"	1550.72	2009/1/26	10.Rwimondo-Kadogo
SP	-01 47' 31.58390"	30 29' 30.81318"	1502.655	2009/1/15	20. Nyakariba
SP	-01 47' 32.66868"	30 24' 43.64003"	1490.638	2009/1/22	01.Kidobogo
SP	-01 48' 08.71254"	30 30' 50.16337"	1481.506	2009/1/15	.04 Ryakiramba
SP	-01 49' 37.65443"	30 34' 09.38860"	1482.468	2009/1/13	13-jan-09 .11
SP	-01 50' 02.85495"	30 19' 54.85462"	1461.078	2009/1/26	30.Nyakariba
SP	-01 50' 40.40273"	30 15' 49.48963"	1521.881	2009/2/12	Buyongwe 32.4 l/min 31.9 ms/m 23.9
SP	-01 50' 43.82455"	30 35' 31.98412"	1413.974	2009/1/7	02-jan-09 .16
SP	-01 53' 35.49381"	30 16' 52.40752"	1434.162	2009/2/12	Gahondohondo 76.7 l/min 31.8 ms/m 23.4
SP	-01 53' 38.24515"	30 17' 21.70608"	1442.333	2009/2/9	
SP	-01 53' 43.29522"	30 17' 42.51044"	1440.17	2009/2/9	Nyirabuhene 60.3 l/min 46.5 ms/m 24.4
SP	-01 54' 19.00323"	30 33' 29.95308"	1467.567	2009/1/7	30.Rugege 2
SP	-01 54' 25.93922"	30 33' 35.75632"	1469.25	2009/1/7	29.Rugege 1
SP	-01 54' 48.71067"	30 22' 18.02132"	1459.156	2009/1/9	Gakatsi 56.7l/min 12
SP	-01 55' 05.88439"	30 18' 55.48378"	1464.443	2009/2/9	Kwamusa 22.4 l/min 52.9 ms/m 22.4
SP	-01 55' 06.47612"	30 34' 34.64044"	1403.88	2008/12/22	22-dec-08 .09
SP	-01 55' 10.61188"	30 30' 55.83233"	1474.777	2008/12/31	19.Gashuhe
SP	-01 55' 42.67990"	30 21' 38.39630"	1452.907	2009/1/9	Ngaruye 44.8l/min 03
SP	-01 55' 56.06275"	30 16' 41.19996"	1388.98	2009/2/9	Gikono 41.3 l/min 35.6 ms/m 23.6
SP	-01 56' 12.03641"	30 17' 57.69654"	1497.849	2009/2/9	Rwinka 12.3 l/min 47 ms/m 23.3
SP	-01 56' 17.36439"	30 33' 14.42513"	1487.755	2008/12/31	30-dec-08 .17
SP	-01 56' 17.64411"	30 33' 11.85815"	1489.917	2008/12/31	30-dec-08 .16
SP	-01 56' 23.51553"	30 17' 04.30123"	1412.772	2009/2/9	Nyakariba 43.1 l/min 53.4 ms/m 22.1
SP	-01 56' 28.98171"	30 26' 23.20976"	1456.272	2009/1/10	Kabura 67.9l/min 02
SP	-01 56' 33.57130"	30 31' 40.37192"	1501.934	2008/12/31	30-dec-08.03
SP	-01 56' 40.58273"	30 21' 16.25458"	1485.592	2009/1/9	Nyakagezi 86.5l/min 02
SP	-01 56' 49.05432"	30 32' 44.11417"	1493.042	2008/12/31	30-dec-08 .05
SP	-01 57' 04.22623"	30 29' 24.69642"	1494.965	2008/12/31	33.Rwamurama
SP	-01 57' 05.52194"	30 16' 25.93211"	1375.041	2009/2/9	Rwagacuzi 33.5 l/min 16.95 ms/m 23.2
SP	-01 57' 06.48422"	30 18' 57.06133"	1617.531	2009/2/6	Agatare 26.1 l/min 75.7 ms/m 21.6
SP	-01 57' 24.00072"	30 16' 20.32500"	1376.243	2009/2/5	Kampigika 28.9 l/min 57 ms/m 23.1
SP	-01 57' 29.83563"	30 28' 40.08623"	1405.322	2008/12/31	32.Rudondogoro
SP	-01 57' 56.76970"	30 18' 54.05922"	1530.533	2009/2/6	Mugomero 17.8 l/min 48.6 ms/m 22.1
SP	-01 58' 37.73055"	30 31' 29.03974"	1506.741	2009/1/7	14 Gatara
SP	-01 59' 11.03303"	30 16' 38.13028"	1439.208	2009/2/5	Kayevuba 10.6 l/min 12.96 ms/m 22.2
SP	-01 59' 12.00406"	30 15' 56.40358"	1381.29	2009/2/5	
SP	-01 59' 21.43400"	30 29' 03.10150"	1432.96	2009/1/8	07 Nyakariba
SP	-01 59' 28.04199"	30 29' 43.43348"	1444.255	2009/1/7	17 Karaso
SP	-01 59' 28.30904"	30 31' 18.79810"	1477.901	2009/1/7	12 Gitoki
SP	-01 59' 37.26644"	30 15' 20.42431"	1362.063	2009/2/5	Kwazakariya 25 l/min 37.2 ms/m 22.4
SP	-01 59' 41.13999"	30 23' 06.72803"	1405.563	2009/1/14	Gikono 05
SP	-01 59' 49.52679"	30 38' 56.91239"	1416.377	2008/12/23	16.Kiburara
SP	-01 59' 49.82884"	30 20' 12.96013"	1483.188	2009/1/29	Samatare 36.8 l/min old WS 19
SP	-01 59' 52.39249"	30 29' 18.19374"	1395.229	2009/1/8	08 Rwanyakagora
SP	-01 59' 53.15139"	30 17' 32.14082"	1473.816	2009/2/5	Kajororo 11.9 l/min 14.92 ms/m 23.9
SP	-02 00' 02.79225"	30 15' 14.02240"	1354.854	2009/2/5	Kwarivera 32.4 l/min 27.6 ms/m 23.5
SP	-02 00' 08.48383"	30 30' 29.92540"	1441.372	2009/1/7	18 Rwabujeni
SP	-02 00' 14.13076"	30 28' 48.04212"	1366.63	2009/1/8	08-jan-09 .10
SP	-02 00' 23.12497"	30 29' 38.48694"	1398.833	2009/1/8	06 Rutaka
SP	-02 00' 32.11436"	30 29' 09.35041"	1362.784	2009/1/8	05 Rwanyakajyugo
SP	-02 00' 37.98911"	30 21' 58.04978"	1444.038	2009/1/20	Byimana 32.4 l/min
SP	-02 00' 50.69453"	30 30' 41.92052"	1376.723	2009/1/7	16 Akabuye
SP	-02 00' 58.76359"	30 40' 37.09502"	1448.581	2008/12/29	29-dec-08 .34
SP	-02 01' 00.19840"	30 32' 45.84833"	1434.402	2008/12/22	Tank+pump 02
SP	-02 01' 12.94124"	30 30' 36.00655"	1371.436	2009/1/7	07-jan-09 .15
SP	-02 01' 22.89985"	30 23' 58.60374"	1368.552	2009/1/14	Rwamutanazi 24.2 l/min 03
SP	-02 01' 26.01027"	30 23' 38.81476"	1384.173	2009/1/14	Cyahafi 23.3 l/min 02
SP	-02 01' 29.35274"	30 25' 01.63358"	1361.102	2009/1/14	Gatara 88 l/min 09
SP	-02 01' 50.66071"	30 39' 12.90024"	1465.885	2008/12/23	23-dec-08 .09
SP	-02 02' 08.91649"	30 25' 17.96873"	1344.76	2009/1/14	Cyaruwego 7.9 l/min 10
SP	-02 02' 16.02177"	30 36' 43.16627"	1481.747	2008/12/23	01.Nyaruriba
SP	-02 02' 27.01869"	30 40' 20.50849"	1443.534	2008/12/29	29-dec-08 .36
SP	-02 02' 49.98477"	30 22' 52.12283"	1339.473	2009/1/14	Rwafigi 11
SP	-02 03' 36.64625"	30 33' 40.62593"	1534.378	2008/12/29	Kabeza 12l/min 16
SP	-02 03' 54.99347"	30 32' 11.42938"	1406.524	2008/12/29	Gacaca 72l/min 13

4.1 Données de localisation de tous les ouvrages (43/55)

Name	Latitude	Longitude	Alti	Date	Comments
SP	-02 04' 10.03231"	30 35' 22.42622"	1425.99	2008/12/23	03.Kaguruka
SP	-02 04' 15.75075"	30 35' 32.36402"	1431.518	2008/12/23	02.Kidimba
SP	-02 05' 06.80630"	30 26' 06.49594"	1360.862	2009/1/5	Kizanye 5l/min 20
SP	-02 05' 07.51450"	30 27' 16.45963"	1336.829	2008/12/30	Gisaya 15.7l/min 06
SP	-02 05' 27.73919"	30 33' 12.00841"	1546.154	2008/12/29	old pump facirity nouse 18
SP	-02 05' 30.78836"	30 35' 12.80648"	1453.147	2008/12/23	04.Gicaca
SP	-02 05' 31.54062"	30 33' 10.89554"	1548.077	2008/12/29	Ngezi 34.9l/min 17
SP	-02 05' 32.04243"	30 27' 47.01438"	1344.039	2008/12/30	Rwarumba 6.9l/min 04
SP	-02 05' 38.01946"	30 24' 18.27684"	1340.434	2009/1/16	Kavumu 21
SP	-02 05' 50.21795"	30 31' 28.30771"	1382.972	2008/12/30	Gitobe 62.3l/min 22
SP	-02 05' 50.47172"	30 25' 24.32114"	1337.069	2009/1/12	Kabebwa 14.8l/min 14
SP	-02 05' 56.19679"	30 25' 33.73147"	1347.403	2009/1/5	not usable 19
SP	-02 05' 57.45358"	30 24' 26.56980"	1338.271	2009/1/12	Akabeza little 13
SP	-02 05' 58.52237"	30 47' 56.54735"	1396.911	2008/12/17	Kayanganga 10
SP	-02 06' 04.87870"	30 25' 34.97074"	1338.511	2009/1/12	Kabitende 14.8l/min 15
SP	-02 06' 06.17049"	30 35' 52.07845"	1542.79	2009/1/2	Nyutoma 31l/min 05
SP	-02 06' 07.75678"	30 45' 36.64166"	1300.54	2008/12/17	94.6l/min
SP	-02 06' 08.56516"	30 27' 15.65035"	1341.155	2009/1/5	13.5l/min 23
SP	-02 06' 20.51561"	30 23' 23.92289"	1359.9	2009/1/16	Nagatunga 11.2 l/min 18
SP	-02 06' 27.67128"	30 24' 21.01730"	1339.953	2009/1/16	Kabakebura 20
SP	-02 06' 32.73220"	30 34' 36.34741"	1463.482	2009/1/2	Nyakagezi 51.6l/min 04
SP	-02 06' 48.07672"	30 24' 46.72962"	1355.574	2009/1/12	Gakindo 2.7l/min 09
SP	-02 06' 54.58362"	30 24' 56.34212"	1346.202	2009/1/12	Kakimana little 10
SP	-02 06' 55.36394"	30 31' 03.71824"	1372.397	2008/12/30	8.3l/min 20
SP	-02 07' 01.00362"	30 24' 09.41569"	1362.544	2009/1/16	Kawusega 5.4 l/min 22
SP	-02 07' 03.49275"	30 34' 49.53533"	1485.832	2009/1/2	Gasebeya 44.7l/min 03
SP	-02 07' 09.40400"	30 31' 31.60099"	1383.693	2008/12/30	7.5l/min 21
SP	-02 07' 11.63754"	30 29' 27.73806"	1377.204	2008/12/30	Gafubo 19.7l/min 02
SP	-02 07' 12.87049"	30 22' 32.09275"	1338.271	2009/1/16	Nyakagezi 40.5 l/min 08
SP	-02 07' 19.01107"	30 28' 27.50300"	1365.428	2008/12/30	Kabashumba 9.1l/min 03
SP	-02 07' 20.70267"	30 25' 14.38608"	1378.886	2009/1/12	Kabaromba 39.6l/min 07
SP	-02 07' 22.86017"	30 23' 35.25504"	1356.055	2009/1/16	Gishandaro 31.3 l/min 23
SP	-02 07' 24.30223"	30 25' 54.93382"	1370.715	2009/1/12	Gahama 5.9l/min 04
SP	-02 07' 30.22525"	30 30' 44.50619"	1401.958	2008/12/30	Mashoza 14.7l/min 01
SP	-02 07' 31.52730"	30 25' 56.35747"	1386.096	2009/1/12	Kanzeyi 21.9l/min 03
SP	-02 07' 38.91440"	30 28' 44.37678"	1349.807	2008/12/31	Ryabudakiranyo 32.7l/min 14
SP	-02 07' 47.57247"	30 37' 28.48800"	1487.514	2009/9/29	New source
SP	-02 07' 50.27010"	30 47' 37.15670"	1543.511	2008/12/17	Keretav 07
SP	-02 07' 54.83526"	30 26' 21.34950"	1383.693	2009/1/12	Kizanyi 22l/min 02
SP	-02 08' 03.35965"	30 06' 47.13408"	1362.544	2009/3/10	.07 Nyamata cell
SP	-02 08' 13.14143"	30 35' 48.88295"	1412.532	2009/1/15	Gasagare noprotect 44
SP	-02 08' 19.87073"	30 24' 48.35938"	1372.638	2009/1/16	Cyizanye Kimarama 34
SP	-02 08' 25.60938"	30 43' 41.20324"	1588.933	2008/12/17	17-dec-08 .19
SP	-02 08' 26.97117"	30 03' 41.66618"	1360.862	2009/3/10	10-mar-09 .23
SP	-02 08' 29.67363"	30 29' 50.04359"	1367.11	2008/12/31	Karuhura 107.7l/min 05
SP	-02 08' 30.14044"	30 39' 00.22770"	1672.567	2009/1/15	Kanyabishambi 35.8 l/min 18
SP	-02 08' 32.26505"	30 30' 21.05489"	1393.786	2008/12/31	Kwamuhire 43.5l/min 03
SP	-02 08' 36.71855"	30 39' 34.84278"	1719.671	2008/12/17	15-dec-08 .06
SP	-02 08' 49.91613"	30 35' 30.88784"	1406.524	2009/1/15	Kanshobone 17.9 l/min 43
SP	-02 09' 00.13333"	30 40' 28.10021"	1723.997	2008/12/17	15-dec-08 .05
SP	-02 09' 01.02319"	30 28' 52.64922"	1365.668	2008/12/31	Nyakabingo 40.5l/min 10
SP	-02 09' 02.00478"	30 43' 35.30316"	1644.448	2008/12/17	17-dec-08 .20
SP	-02 09' 05.87108"	30 24' 53.57599"	1346.923	2009/1/13	Rwibumba 08
SP	-02 09' 07.20783"	30 28' 51.66854"	1370.715	2008/12/31	Rutabago 12l/min 09
SP	-02 09' 07.24494"	30 25' 13.96362"	1354.133	2009/1/13	Gashyununu2 6.7l/min 12
SP	-02 09' 07.38526"	30 25' 14.55866"	1355.574	2009/1/13	Gashyununu 24.5l/min 11
SP	-02 09' 10.61849"	30 31' 53.04536"	1445.697	2008/12/30	Source of Kibungo + pump 26
SP	-02 09' 11.93321"	30 25' 31.95660"	1380.809	2009/1/13	Kabakobe 21l/min 10
SP	-02 09' 15.21804"	30 35' 18.84750"	1398.593	2009/1/15	Kumugano 4.9 l/min 42
SP	-02 09' 22.47208"	30 31' 56.27374"	1439.449	2008/12/30	Gahaya 26.1l/min 27
SP	-02 09' 22.54601"	30 00' 04.99054"	1359.179	2009/3/16	16-mar-09 .13
SP	-02 09' 23.81546"	30 04' 56.02152"	1374.56	2009/3/10	10-mar-09 .17
SP	-02 09' 23.83749"	30 27' 22.87210"	1424.308	2009/1/5	Nyakabingo 10.3l/min 13
SP	-02 09' 32.45482"	30 48' 53.06123"	1588.693	2008/12/18	Gakirarwgo 007
SP	-02 09' 36.17086"	30 43' 36.77992"	1627.145	2009/1/27	Nkakwa SP/Nkakwa/Nyarutunga/21sec(12L)
SP	-02 09' 46.84280"	30 40' 09.72250"	1649.495	2008/12/17	15-dec-08.07
SP	-02 09' 47.81956"	30 44' 11.75708"	1575.955	2009/1/27	Gashongi SP2/Birembo/Nyarutunga
SP	-02 09' 47.82076"	30 44' 10.96260"	1576.436	2009/1/27	Gashongi SP1/Birembo/Nyarutunga
SP	-02 09' 49.44085"	30 35' 02.70575"	1390.903	2009/1/15	Rukoko 31.4 l/min 41
SP	-02 09' 51.86178"	30 03' 36.14418"	1373.599	2009/3/10	10-mar-09 .14
SP	-02 09' 57.24105"	30 43' 47.28709"	1593.018	2008/12/17	15-dec-08 03
SP	-02 09' 57.64449"	29 59' 46.23475"	1364.947	2009/3/16	16-mar-09 .14
SP	-02 10' 03.42086"	30 29' 21.62101"	1392.585	2008/12/31	Kabukware 20.9l/min 08
SP	-02 10' 04.92508"	30 33' 40.37306"	1488.235	2009/1/2	Nyamuganda 162l/min 01
SP	-02 10' 06.01831"	30 47' 20.90544"	1664.155	2009/1/26	Cyereta 22 l/min 6.01 ms/m 21.6
SP	-02 10' 08.51890"	30 26' 04.30825"	1378.646	2009/1/13	Nyakagazi 3.3 l/min 18
SP	-02 10' 08.54968"	30 26' 18.25868"	1362.544	2009/1/13	Idunda 13.5 l/min 17

4.1 Données de localisation de tous les ouvrages (44/55)

Name	Latitude	Longitude	Alti	Date	Comments
SP	-02 10' 08.96368"	30 44' 40.27805"	1552.643	2009/1/27	Nkawa SP/Nkawa/Nyarutunga/2min4sec(12L)
SP	-02 10' 09.05963"	30 43' 37.87648"	1640.363	2008/12/17	15-dec-08 02
SP	-02 10' 23.26294"	30 44' 46.61599"	1558.652	2009/1/27	Nkawa SP2/Nkawa/Nyarytungu/constructed by GermanNGO1970'/pipe broken
SP	-02 10' 23.88997"	30 03' 03.28529"	1372.878	2009/3/10	10-mar-09 .15
SP	-02 10' 24.38846"	30 03' 03.33144"	1376.483	2009/3/16	05.Mwiherero
SP	-02 10' 25.20077"	30 34' 47.79818"	1386.817	2009/1/15	Rubirizi 52.9 l/min 39
SP	-02 10' 29.26743"	30 49' 39.97168"	1419.982	2009/1/28	Rwkibira
SP	-02 10' 29.67208"	30 34' 38.64767"	1381.53	2009/1/15	Nyagataba 27 l/min 40
SP	-02 10' 32.92311"	30 02' 01.60336"	1375.281	2009/3/16	02.Kanyinya
SP	-02 10' 34.81055"	30 42' 41.91059"	1589.173	2008/12/17	15-dec-08 .04
SP	-02 10' 35.08062"	30 26' 20.19743"	1351.729	2009/1/5	Kamuhabura 23.1l/min 10
SP	-02 10' 45.24079"	30 28' 13.74600"	1408.927	2008/12/31	Karuhora 34.1l/min 17
SP	-02 10' 46.34036"	30 26' 28.65120"	1351.249	2008/12/31	Gasetsa 128.5l/min 23
SP	-02 10' 47.21272"	30 30' 42.57590"	1544.472	2009/1/21	Nyakagezi SP/Kabimba/Karama/3min 9sec(12L)
SP	-02 10' 53.86114"	30 48' 21.88912"	1666.559	2009/1/26	Kamarobe 4.26 ms/m 21
SP	-02 10' 55.22052"	30 27' 01.78592"	1357.978	2009/1/5	Budihidhi 60.7l/min 11
SP	-02 11' 02.28717"	30 27' 04.80823"	1358.218	2008/12/31	Cyerwa 68.8l/min 24
SP	-02 11' 08.30071"	30 28' 40.99721"	1361.342	2008/12/31	Kantuyenabo 25.3l/min 18
SP	-02 11' 21.47143"	30 02' 11.47445"	1436.565	2009/3/16	06.Rwingeso
SP	-02 11' 26.80695"	30 48' 11.51017"	1669.202	2009/1/26	Nyakagera 5 l/min 3.2 ms/m 22.3
SP	-02 11' 31.30723"	30 38' 07.52280"	1484.15	2008/12/17	16-dec-08 .08
SP	-02 11' 31.92611"	30 33' 56.50214"	1376.964	2009/1/15	kinganzo 46.2 l/min 38
SP	-02 11' 32.93063"	30 49' 13.40000"	1451.706	2009/1/28	Nyagahanga 50.6 l/min 33 ms/m 23.3
SP	-02 11' 36.97799"	30 24' 09.70841"	1351.969	2009/1/13	Kinugwe 11.6 l/min 41
SP	-02 11' 39.48944"	30 29' 15.56822"	1375.041	2009/1/22	Kafurebe SP/Murusenyi/Birenga/14sec(12L)
SP	-02 11' 47.01203"	30 32' 24.15440"	1408.687	2009/1/21	Kabashima 65 l/min 13.05 ms/m 21.9
SP	-02 11' 51.33277"	30 29' 29.36447"	1381.29	2009/1/22	Kamugurusi SP/Murusenyi/Birenga/21sec(12L)
SP	-02 11' 51.39312"	30 48' 01.94594"	1614.888	2009/1/27	Kasinzi SP/Nyamugari/Nyabitare/38sec(12L)
SP	-02 11' 51.43053"	30 48' 02.06514"	1613.686	2009/1/26	Kansinzi 24.1 l/min 7.24 ms/m 21.5
SP	-02 11' 54.06872"	30 34' 49.83467"	1475.017	2009/1/15	Rwanyakagezi 60 l/min 36
SP	-02 11' 57.48240"	30 37' 17.51099"	1430.557	2008/12/17	16-dec-08 .09 Gatagata
SP	-02 11' 59.10370"	30 28' 23.67955"	1344.039	2008/12/31	Nangogosigane 8.2l/min 19
SP	-02 12' 11.19446"	30 27' 50.77238"	1353.411	2008/12/31	Rwezamenyo 8.1l/min 20
SP	-02 12' 13.03935"	30 28' 30.46044"	1348.124	2009/1/22	Gahondo sprind/Gahondo/Birenga/35sec(12L)
SP	-02 12' 19.07734"	30 28' 27.16082"	1342.597	2009/1/22	Gatashya SP/Gahondo/Birenga/118sec(12L)
SP	-02 12' 19.22791"	30 00' 12.24396"	1389.701	2009/3/17	15.Kavumu
SP	-02 12' 19.83020"	30 35' 52.27278"	1393.306	2009/1/21	Gahama 13.5 l/min 9.53 ms/m 24
SP	-02 12' 20.61897"	30 33' 47.94214"	1351.489	2009/1/28	
SP	-02 12' 23.92553"	30 47' 41.38177"	1586.77	2009/1/27	Rutsoka SP/Nyamugari/Nabitare/35sec
SP	-02 12' 25.47682"	30 27' 26.92789"	1333.945	2008/12/31	notusable 21
SP	-02 12' 34.66536"	30 48' 20.20021"	1456.031	2009/1/27	Nyakagera
SP	-02 12' 44.14751"	30 33' 29.95582"	1359.42	2009/1/21	Nyakagezi2 16.5 l/min 32.8 ms/m 22.4
SP	-02 12' 44.97913"	30 34' 20.58438"	1429.595	2009/1/21	Mbonyi 19 l/min 14.03 ms/m 23.2
SP	-02 12' 47.50627"	30 34' 25.37465"	1431.518	2009/1/21	Mbonyi 40 l/min
SP	-02 12' 53.53853"	30 26' 15.86191"	1370.715	2008/12/31	Nyamokuron 42.6l/min 22
SP	-02 12' 54.23345"	30 23' 40.21883"	1339.953	2009/1/20	Kiriko SP/Nyarurembo/Rukoma/no facility
SP	-02 13' 01.62750"	30 24' 30.45118"	1413.253	2009/1/20	Nyakagezi SP/Nyakagerzi/gafunzo/(broken Tank1970)
SP	-02 13' 05.30461"	30 47' 56.48399"	1475.258	2009/1/27	Kamombo
SP	-02 13' 11.71012"	30 36' 05.48240"	1375.762	2008/12/17	16-dec-08 .10
SP	-02 13' 15.90563"	30 33' 04.15480"	1375.762	2009/1/21	Nyakagezi 12.5 l/min 19.31 ms/m 22.5
SP	-02 13' 25.41916"	30 28' 48.02945"	1343.798	2009/1/22	Karisizo SP2(Dry)/Karisizo/Birenga/pipe under ground was
SP	-02 13' 29.12373"	30 28' 57.05868"	1347.163	2009/1/22	Karisizo SP1/karisizo/Birenga/35sec(12L)
SP	-02 13' 49.18699"	30 41' 33.60404"	1506.981	2008/12/16	Gahama 10l/min 25
SP	-02 13' 51.28595"	30 39' 00.61787"	1387.778	2008/12/12	3.Kamasaro
SP	-02 14' 04.94731"	30 33' 04.42274"	1348.124	2009/1/21	Kagomogomo 7.2 l/min 26.7 ms/m 22.8
SP	-02 14' 06.38997"	30 35' 03.43961"	1412.292	2009/1/21	Ruvuzi 54.5 l/min 12.66 ms/m 23.1
SP	-02 14' 06.72431"	30 35' 03.56302"	1424.308	2008/12/17	16-dec-08 .16
SP	-02 14' 08.38423"	30 35' 03.76490"	1405.322	2009/1/21	Ruvuzi 30 l/min
SP	-02 14' 18.42974"	30 31' 27.34633"	1362.063	2009/1/21	Kagenzanda 15.8 l/min 18.01 ms/m 22.9
SP	-02 14' 19.66751"	30 41' 10.62830"	1486.553	2008/12/16	Rwakiriba 108.5l/min 26
SP	-02 14' 22.42851"	30 23' 59.45287"	1343.558	2009/1/20	Kizanye SP/Kizanye/Gafunzo
SP	-02 14' 23.52476"	30 32' 52.68383"	1350.287	2009/1/21	Kavumu 24.3 l/min 21.7 ms/m 22.3
SP	-02 14' 24.00062"	30 47' 01.41097"	1428.154	2009/9/30	Kaborogata
SP	-02 14' 28.10440"	30 37' 18.72826"	1384.173	2008/12/12	6.Rwesero
SP	-02 14' 37.91726"	30 45' 57.68953"	1528.611	2009/1/27	Gitanbogo SP/Rwamagawa/Nyabitare/3min14sec
SP	-02 14' 37.91726"	30 45' 57.68953"	1528.611	2009/1/29	Bitanbogo SP/Nyarubuye sec
SP	-02 14' 37.98395"	30 45' 14.51747"	1614.648	2009/1/27	Gahama SP/Mponguhe/Nyabitare/57sec
SP	-02 14' 49.96909"	30 35' 39.85282"	1363.505	2008/12/17	16-dec-08 .17
SP	-02 14' 51.02280"	30 46' 00.05164"	1437.526	2009/9/30	2009/9/30 8:46
SP	-02 14' 51.15617"	30 37' 29.84315"	1390.182	2008/12/12	12-dec-08 .7
SP	-02 14' 54.40600"	30 30' 40.77716"	1384.895	2009/1/30	Samuko SP/Shyagashya/Muzingira/33sec(12L)
SP	-02 14' 58.20140"	30 30' 39.75880"	1380.088	2009/1/30	Samuko SP3/not used
SP	-02 15' 02.37790"	30 30' 41.05087"	1377.444	2009/1/30	Samuko SP2/Shyagashya/Muzingira
SP	-02 15' 02.95937"	30 38' 58.78532"	1479.103	2008/12/12	4.Rwaba
SP	-02 15' 03.13861"	30 32' 52.32174"	1341.635	2009/1/21	
SP	-02 15' 26.95924"	30 29' 02.09998"	1329.379	2009/1/30	Musenye SP/Musenye/Mutenderi/30sec(12L)

4.1 Données de localisation de tous les ouvrages (45/55)

Name	Latitude	Longitude	Alti	Date	Comments
SP	-02 15' 28.29266"	30 34' 43.79790"	1348.845	2009/1/21	Kabirizi 15.8 l/min 14.86 ms/m 22.5
SP	-02 15' 32.40278"	30 25' 37.02688"	1353.652	2009/1/23	Akaniga SP/Kigoma/Kigoma/11sec(12L)
SP	-02 15' 33.25251"	30 37' 48.67316"	1472.134	2008/12/12	5.Rusasa
SP	-02 15' 38.55000"	30 44' 43.26508"	1501.694	2009/1/29	Mayizi SP/Mayizi/Nyamugari/much water overflowed/developed in 1966/pipe leaking
SP	-02 15' 46.10578"	30 35' 14.36140"	1413.253	2008/12/9	new source
SP	-02 15' 48.46968"	30 44' 47.23818"	1454.83	2009/9/29	Alt source for Mahama]
SP	-02 15' 54.02940"	30 21' 24.66220"	1330.821	2009/1/23	Kaberanya SP/Umuka/Ihanika
SP	-02 15' 57.35557"	30 40' 53.12179"	1510.586	2008/12/16	Koheve 60l/min27
SP	-02 16' 01.36189"	30 38' 08.08285"	1505.539	2008/12/12	2.Gahama
SP	-02 16' 08.79275"	30 44' 07.03021"	1478.622	2008/12/16	30-60l/min 08
SP	-02 16' 10.71760"	30 44' 07.90134"	1480.545	2008/12/16	1994construction 07
SP	-02 16' 32.81736"	30 30' 45.93316"	1390.182	2009/1/30	Rwankombe SP/Muyange/Muzingira
SP	-02 16' 45.25634"	30 29' 55.76356"	1352.69	2009/1/30	Kiyanzi SP/Gatonde/Muzingira/24sec(12L)
SP	-02 17' 02.53476"	30 23' 12.61486"	1335.387	2009/1/23	Kagatwa SP/Urukomo/Kibimba/1min 18sec(12L)
SP	-02 17' 10.09537"	30 42' 05.80093"	1555.527	2008/12/16	Muguruka 12
SP	-02 17' 13.07604"	30 43' 29.75038"	1467.567	2008/12/16	+pump Kabugwe funded China 09
SP	-02 17' 17.54343"	30 42' 53.31154"	1521.4	2008/12/16	Gasebura to Kabugwe funded China 10
SP	-02 17' 39.02672"	30 32' 35.17548"	1342.597	2008/12/8	Kabagera
SP	-02 17' 39.51887"	30 35' 15.32548"	1388.98	2008/12/9	Station pump
SP	-02 17' 58.09119"	30 42' 14.05616"	1676.893	2008/12/16	Tank+pump 44l/min 02
SP	-02 18' 59.40256"	30 31' 59.27462"	1356.536	2008/12/8	Gashongora
SP	-02 19' 46.03659"	30 35' 42.81025"	1465.404	2008/12/11	2008/12/11 11:01
SP	-02 19' 49.26983"	30 33' 25.62541"	1354.133	2008/12/10	Contaminated
SP	-02 20' 09.66169"	30 40' 13.06164"	1608.64	2008/12/11	Nyagashagara pump 02
SP	-02 20' 13.77482"	30 41' 04.57526"	1570.427	2008/12/11	Gashanga-1 gravity 04
SP	-02 20' 14.37108"	30 41' 04.44066"	1566.102	2008/12/11	3
SP	-02 20' 40.60811"	30 36' 59.25672"	1529.091	2008/12/11	cyizanye
SP	-02 20' 47.41586"	30 34' 04.81138"	1409.888	2008/12/10	>20l/min
SP	-02 20' 47.42159"	30 34' 06.81589"	1418.3	2008/12/10	>33l/min
SP	-02 21' 10.60312"	30 39' 35.45201"	1612.244	2008/12/15	SP Nyakagera 37
SP	-02 21' 46.49098"	30 40' 54.54905"	1377.204	2008/12/15	37.2l/min 09
SP	-02 22' 21.91444"	30 32' 17.06816"	1343.077	2008/12/8	Butezi
SP	-02 22' 49.48762"	30 33' 15.18613"	1471.893	2008/12/10	>87l/min
Tank	-01 03' 48.50036"	30 24' 56.21900"	1295.252	2009/12/7	MATIMBA RWENTANGA MITAYAYO 679
Tank	-01 04' 15.63117"	30 25' 03.22529"	1325.774	2009/12/7	MATIMBA RWENTANGA RUTAYAYO I 685
Tank	-01 04' 43.07127"	30 24' 59.30136"	1435.123	2009/12/7	MATIMBA RWENTANGA RWENTANGA 684
Tank	-01 04' 43.64973"	30 24' 59.68822"	1437.526	2009/12/7	MATIMBA RWENTANGA RWENTANGA 683
Tank	-01 09' 53.70598"	30 20' 45.92796"	1322.409	2009/12/7	MUSERI KIJOGO KIJOGO 713
Tank	-01 13' 33.27268"	30 24' 56.91726"	0	2009/12/7	RWIMIYAGA RWIMIYAGA MUYANGE 527 Not in use but in construction process
Tank	-01 13' 36.67158"	30 25' 19.12595"	0	2009/12/7	RWIMIYAGA RWIMIYAGA BYIMANA Not in use but in construction process
Tank	-01 13' 47.79524"	30 24' 39.28547"	0	2009/12/7	RWIMIYAGA NYARUPFUBIRE RWIMIYAGA 519 In construction process
Tank	-01 13' 50.20922"	30 24' 53.67287"	0	2009/12/7	RWIMIYAGA RWIMIYAGA MUYANGE 525 Not in use but in construction Process
Tank	-01 14' 21.30109"	30 24' 38.51212"	1432.479	2008/12/2	Tank
Tank	-01 15' 26.44045"	30 24' 59.21536"	0	2009/12/7	RWIMIYAGA KABEZA KABEZA II 520 Not in use but in construction process
Tank	-01 16' 51.18108"	30 25' 37.04740"	0	2009/12/7	RWIMIYAGA GACUNDEZI RUKUNDO II 502 In construction process not yet in use
Tank	-01 17' 15.97757"	30 24' 34.78579"	0	2009/12/7	RWIMIYAGA NYARUPFUBIRE NYARUPFUBIRE I 511 Temporal working
Tank	-01 17' 21.88701"	30 24' 45.33008"	0	2009/12/7	RWIMIYAGA GACUNDEZI BUGARAGARA 497 It is in construction process not in use
Tank	-01 17' 42.33832"	30 23' 55.46677"	0	2009/12/7	RWIMIYAGA NYARUPFUBIRE NYARUPFUBIRE II 508 In construction process
Tank	-01 17' 42.82112"	30 24' 48.99938"	0	2009/12/7	RWIMIYAGA GACUNDEZI GACUNDEZI II 504 In construction process
Tank	-01 17' 44.77162"	30 24' 16.67124"	0	2009/12/7	RWIMIYAGA GACUNDEZI BUGARAGARA 507 In construction process
Tank	-01 19' 13.20083"	30 10' 38.63827"	0	2009/12/7	TABAGWE MOSHONGA GIKOBA 581 In use
Tank	-01 20' 40.58268"	30 10' 44.05465"	1527.169	2009/12/7	KARAMA KABUGA KABUGA CENTRE 790
Tank	-01 20' 42.58176"	30 12' 16.28741"	1494.965	2009/12/7	KARAMA BUSHARA IHURIRO 777
Tank	-01 20' 58.01663"	30 11' 18.11555"	1518.757	2009/12/7	KARAMA KABUGA GIKUNDAMVURA CENTRE 769
Tank	-01 21' 12.00284"	30 11' 48.46466"	1495.445	2009/12/7	KARAMA KABUGA KABEZA 772
Tank	-01 21' 41.92785"	30 09' 45.05918"	1537.262	2009/12/7	KARAMA NDEGO NDEGO CENTRE 793
Tank	-01 21' 45.21268"	30 10' 37.59391"	1504.818	2009/12/7	KARAMA NDEGO RUSOROZA 791
Tank	-01 21' 45.93296"	30 10' 25.62082"	1503.376	2009/12/7	KARAMA NDEGO RUSOROZA 792
Tank	-01 21' 46.93929"	30 09' 30.45758"	1548.798	2009/12/7	KARAMA NDEGO NDEGO CENTRE 796
Tank	-01 22' 22.55466"	30 12' 10.93799"	1440.41	2009/12/7	KARAMA CYINKWANZI KABEZA 806
Tank	-01 22' 43.86776"	30 11' 06.33574"	1484.871	2009/12/7	KARAMA GIKAGATI NYABIGEGA 810
Tank	-01 22' 49.42597"	30 11' 04.81798"	1493.523	2009/12/7	KARAMA CYINKWANZI RUREMBO 809
Tank	-01 22' 59.02882"	30 09' 13.51652"	1544.472	2009/12/7	KARAMA NYAKIGA KABEZA 820
Tank	-01 23' 01.37461"	30 22' 52.98251"	1376.002	2009/12/7	Karangazi Mbare Mbare 869

4.1 Données de localisation de tous les ouvrages (46/55)

Name	Latitude	Longitude	Alti	Date	Comments
Tank	-01 23' 12.76833"	30 10' 28.23305"	1501.934	2009/12/7	KARAMA NYAKIGA MABARE 814
Tank	-01 23' 25.87599"	30 09' 37.88392"	1511.307	2009/12/7	KARAMA NYAKIGA KARAMA CENTRE 819
Tank	-01 23' 43.44771"	30 09' 10.87258"	1507.221	2009/12/7	KARAMA NYAKIGA KARAMA CENTRE 823
Tank	-01 25' 40.09554"	30 11' 28.09604"	0	2009/3/1	MUKAMA KAGINA NYAKAGARAMA 627 Not Working
Tank	-01 26' 00.29579"	30 10' 53.79809"	0	2009/3/1	MUKAMA KAGINA NYAGATARE 625 Not Working
Tank	-01 26' 24.96071"	30 19' 24.99751"	1507.702	2009/9/23	Gas Tank 20m3
Tank	-01 26' 26.88828"	30 10' 26.95454"	0	2009/3/1	MUKAMA KAGINA NYAGATARE 622 Working
Tank	-01 26' 32.35355"	30 11' 16.81789"	0	2009/3/1	MUKAMA KAGINA NYAKAGARAMA 602 Not Working
Tank	-01 26' 41.12387"	30 17' 41.98628"	1526.688	2009/9/23	Gas Tank 400m3
Tank	-01 26' 46.81817"	30 10' 56.05759"	0	2009/3/1	MUKAMA KAGINA CYABAHURURA 604 Not Working
Tank	-01 26' 48.96179"	30 11' 31.16663"	0	2009/3/1	MUKAMA KAGINA CYABAHURURA 608 In use
Tank	-01 27' 02.73118"	30 11' 35.16421"	0	2009/3/1	MUKAMA KAGINA KAGANGA 609 Not Working
Tank	-01 27' 21.92721"	30 11' 07.52888"	0	2009/3/1	MUKAMA KAGINA KIRERANYANA 612 Not Working
Tank	-01 28' 00.52869"	30 08' 26.53879"	1804.266	2009/12/7	KIYOMBE KAJUMBA GISHORO 828
Tank	-01 29' 51.98071"	30 13' 57.24188"	0	2009/12/7	NGARAMA BUGAMBA KINIHIRA 433 Temporaly
Tank	-01 29' 57.86058"	30 13' 25.64188"	1425.029	2009/12/7	NYAGIHANGANYAGITABIREMASHANTI544
Tank	-01 30' 34.48621"	30 11' 38.73692"	0	2009/3/1	MUKAMA GATETE GATETE I 618 Not Working
Tank	-01 31' 13.99837"	30 14' 21.82592"	0	2009/12/7	NGARAMA BUGAMBA KAGERERO 439 In use
Tank	-01 31' 14.26874"	30 14' 37.33339"	0	2009/12/7	NGARAMA BUGAMBA KINYINYA 438 Working
Tank	-01 31' 17.16552"	30 14' 40.01777"	0	2009/12/7	NGARAMA BUGAMBA KINYINYA 436 Not in use
Tank	-01 31' 22.63351"	30 12' 53.58290"	1463.482	2009/12/7	NYAGIHANGANYAGITABIREBYIMANA556
Tank	-01 31' 24.67333"	30 16' 35.10764"	1526.688	2009/9/23	Chigasha 2 Tank
Tank	-01 31' 26.00102"	30 12' 29.04624"	1510.586	2009/12/7	NYAGIHANGANYAGITABIREBYIMANA554
Tank	-01 31' 27.68891"	30 12' 31.40618"	1505.779	2009/12/7	NYAGIHANGANYAGITABIRE553
Tank	-01 32' 00.34845"	30 10' 45.72664"	1503.857	2009/12/7	Nyagihanga Murambi Kabeza
Tank	-01 32' 05.52253"	30 16' 07.59724"	0	2009/12/7	NGARAMA KIGASHA RURAMA 468 Not working
Tank	-01 32' 06.80557"	30 14' 27.64817"	1516.354	2009/6/9	Tank no use
Tank	-01 32' 06.91299"	30 14' 27.88987"	0	2009/12/7	NGARAMA NGARAMA IBARE 411 Not in use
Tank	-01 32' 10.56294"	30 14' 30.07212"	0	2009/12/7	NGARAMA NGARAMA IBARE 410 Not in use
Tank	-01 32' 41.17231"	30 14' 26.38356"	0	2009/12/7	NGARAMA NGARAMA INTSINZI 418 Not in use
Tank	-01 32' 45.47011"	30 11' 43.51571"	1633.393	2009/6/9	Tank 3m3
Tank	-01 33' 03.58076"	30 15' 32.50692"	1596.864	2009/9/23	Gihembe Tank 60m3
Tank	-01 33' 08.09311"	30 14' 13.61839"	0	2009/12/7	NGARAMA NGARAMA RUGARAMA 389 Not in use
Tank	-01 33' 52.44290"	30 13' 43.52682"	1609.601	2009/12/7	23-feb-09 8:04:16am
Tank	-01 33' 58.78112"	30 13' 54.70540"	1552.403	1989/12/31	NYAGIHANGAGITINDAISANGANO590
Tank	-01 34' 05.48990"	30 13' 28.23118"	1643.968	2009/9/24	Gitinda Tank 5m3
Tank	-01 35' 17.81298"	30 17' 41.36770"	1453.388	2009/12/7	Gitoki Rubira Rwintama 764
Tank	-01 35' 51.84599"	30 18' 54.52391"	1473.575	2009/12/7	Gitoki Rubira Gakiri
Tank	-01 35' 56.71802"	30 18' 06.48677"	1453.868	2009/12/7	Gitoki Rubira Nyakabota 760
Tank	-01 36' 00.37823"	30 11' 25.75507"	1770.861	2009/6/8	Tank 3m3
Tank	-01 36' 00.40388"	30 11' 51.35363"	1721.834	2009/9/24	Rwobe 12 CollectinTank
Tank	-01 36' 02.33024"	30 15' 35.84819"	1487.514	2009/12/7	GATSIBO MUGERA KIRARITSI 521
Tank	-01 36' 04.12112"	30 14' 54.94585"	0	2009/12/7	GATSIBO NYAGAHANGA NYAKAGARAMA 361 In use
Tank	-01 36' 07.28073"	30 14' 58.79162"	1519.238	2009/12/7	GATSIBO MUGERA KAVUMU 522
Tank	-01 36' 17.35339"	30 19' 16.05788"	1410.369	2009/12/7	Gitoki Rubira Rurehe 768
Tank	-01 36' 20.39562"	30 16' 43.86169"	1497.608	2009/12/7	GATSIBO MUGERA MUGERA 507
Tank	-01 36' 27.42817"	30 11' 46.56998"	1779.032	2009/6/8	Tank 3m3
Tank	-01 36' 55.78046"	30 13' 04.88730"	0	2009/12/7	GATSIBO NYAGAHANGA NYAGAHANGA 351 In use
Tank	-01 37' 00.15340"	30 14' 02.78048"	1615.369	2009/12/7	GATSIBO MANISHYA NYARUKONI 541
Tank	-01 37' 08.81570"	30 18' 19.03198"	1485.832	2009/12/7	Gitoki Rubira Nyakagarama 756
Tank	-01 37' 14.23420"	30 21' 04.78454"	1395.949	2009/12/7	Gitoki Nyamirama Nyabikenke 783
Tank	-01 37' 17.41915"	30 17' 29.17615"	1489.437	2009/12/7	Kageyo Busetsa Nyarubuye 737
Tank	-01 37' 18.49760"	30 16' 41.03278"	1438.728	2009/12/7	KAGEYO BISETSA RWIKUBO 466
Tank	-01 37' 21.42848"	30 15' 41.73228"	1484.871	2009/12/7	KAGEYO BUSETSA KAYENZI 480
Tank	-01 37' 39.09888"	30 23' 19.05479"	1524.044	2009/12/7	KABARORE KARENGE MUTARAMA 624
Tank	-01 38' 30.15020"	30 21' 43.07429"	1465.164	2009/12/7	Gitoki Bukomane Gisaka 771
Tank	-01 39' 04.97107"	30 16' 24.45532"	1512.509	2009/12/7	KAGEYO NYABUHIMBIRI 474
Tank	-01 39' 14.19613"	30 14' 34.22933"	1582.924	2009/9/24	No.3 Tank 5m3
Tank	-01 39' 49.65792"	30 22' 14.27149"	1435.844	2009/12/7	Gitoki Cyabusheshe Cyoto 779
Tank	-01 40' 00.32895"	30 25' 45.89436"	1415.656	2009/10/1	Tank New
Tank	-01 40' 04.97739"	30 15' 11.60993"	1584.366	2009/9/24	No.1 Tank 5m3
Tank	-01 40' 49.43430"	30 17' 17.11468"	1831.423	2009/9/25	Tank No use
Tank	-01 41' 00.09537"	30 18' 14.41854"	1845.843	2009/12/7	REMERA NYAGAKOMBE KARUFURI 254 working 30m3
Tank	-01 41' 28.90210"	30 17' 59.35916"	1724.478	2009/12/7	Remera Butiruka Akabuga 705 3m3
Tank	-01 41' 30.16401"	30 17' 29.28660"	0	2009/12/7	KAGEYO NYAGISOZI AGATARE 317 In use
Tank	-01 41' 55.44601"	30 18' 30.16256"	1763.891	2009/12/7	Remera Butiruka Gasabo 711 5m3
Tank	-01 42' 07.58988"	30 18' 19.33553"	1711.74	2009/12/7	Remera Butiruka Gasabo 700 8m3
Tank	-01 42' 11.86867"	30 21' 03.09294"	1558.652	2009/12/7	Rugarama Remera Rwamivu 689
Tank	-01 42' 11.86867"	30 21' 03.09294"	1558.652	2009/12/7	Rugarama Remera Rwamivu 689
Tank	-01 42' 15.79291"	30 17' 46.45730"	1613.206	2009/12/7	Remera Butiruka Urushenyi 715 5m3
Tank	-01 42' 18.34782"	30 20' 19.07959"	1666.078	2009/12/7	Remera Rurenge Nyagasozzi 726 3m3
Tank	-01 42' 22.35534"	30 20' 03.16144"	1694.196	2009/12/7	Remera Rurenge Nyagisozzi 727 20m3
Tank	-01 42' 26.08404"	30 20' 38.46664"	1582.684	2009/12/7	Remera Rurenge Nyagasozzi 724 3m3
Tank	-01 42' 40.56013"	30 19' 12.27608"	1755.24	2009/12/7	Remera Rurenge Rurenge 733 3m3
Tank	-01 42' 44.92039"	30 22' 11.70390"	0	2009/12/7	RUGARMA BUGARAMA AKABARE. 224 In use
Tank	-01 42' 57.90222"	30 19' 54.36487"	1596.864	2009/12/7	Remera Rurenge Kibenga 719 5m3
Tank	-01 43' 04.23803"	30 19' 35.99774"	1625.222	2009/12/7	Remera Rurenge Akavunga 718

4.1 Données de localisation de tous les ouvrages (47/55)

Name	Latitude	Longitude	Alti	Date	Comments
Tank	-01 43' 04.66651"	30 19' 25.61700"	1706.453	2009/12/7	Remera Rurenge Rurenge 729
Tank	-01 43' 23.37040"	30 21' 21.62812"	1616.33	2009/12/7	REMERA KABUSHOBORA AKAMABUTE 205 working 10-10-09
Tank	-01 43' 41.08424"	30 15' 46.46336"	1857.86	2009/2/6	05-feb-09 .04
Tank	-01 43' 41.97078"	30 24' 39.30268"	1470.451	2009/12/7	Kiziguro Ndatemwa Gakunyu 642
Tank	-01 43' 41.97078"	30 24' 39.30268"	1470.451	2009/12/7	Kiziguro Ndatemwa Gakunyu 642
Tank	-01 43' 42.15454"	30 24' 39.15875"	1459.396	2009/2/17	3 m3
Tank	-01 43' 43.08785"	30 20' 07.47042"	0	2009/12/7	REMERA KABUSHOBORA GUMINO 271 working
Tank	-01 43' 44.19527"	30 24' 37.75594"	1464.683	2009/2/17	3 m3
Tank	-01 43' 44.20402"	30 24' 37.67112"	1472.614	2009/12/7	Kiziguro Ndatemwa Gakunyu 643
Tank	-01 43' 46.79091"	30 19' 18.88921"	1701.166	2009/2/6	06-feb-09 .29
Tank	-01 43' 48.74895"	30 17' 53.86283"	1588.933	2009/2/6	06-feb-09 .41
Tank	-01 43' 50.51449"	30 20' 43.14854"	1676.172	2009/9/28	Tank 10m3
Tank	-01 44' 01.78177"	30 20' 16.39252"	0	2009/12/7	REMERA RWARENGA KIGARAMA 279 working
Tank	-01 44' 06.95797"	30 18' 41.11272"	1759.085	2009/2/6	06-feb-09 .33
Tank	-01 44' 15.33873"	30 20' 14.05579"	1735.052	2009/12/7	REMERA RWARENGA KABUYE 278 working 30m3
Tank	-01 44' 20.65524"	30 15' 45.94680"	1631.951	2009/2/6	05-feb-09 .08
Tank	-01 44' 23.29795"	30 17' 11.87272"	1848.727	2009/2/3	03-feb-09 .38
Tank	-01 44' 31.80062"	30 15' 34.20364"	1538.704	2009/2/6	05-feb-09 .10
Tank	-01 44' 35.86668"	30 21' 46.79546"	1559.613	2009/12/7	Kiziguro Ndatemwa Gorora 655 3m3
Tank	-01 44' 36.53717"	30 18' 07.40380"	1770.861	2009/2/6	06-feb-09 .37
Tank	-01 44' 37.56251"	30 30' 18.98158"	1445.217	2009/1/19	16-jan-09 .23
Tank	-01 44' 43.70732"	30 17' 29.34967"	1864.829	2009/2/6	06-feb-09 .45
Tank	-01 44' 44.84853"	30 19' 06.38627"	1596.383	2009/2/3	03-feb-09 .22
Tank	-01 44' 57.49541"	30 17' 41.20840"	1860.263	2009/2/6	06-feb-09 .39
Tank	-01 45' 03.15350"	30 17' 19.74322"	1790.327	2009/2/6	05-feb-09 .17
Tank	-01 45' 10.93620"	30 19' 57.44122"	1744.905	2009/9/28	Tank 30m3
Tank	-01 45' 23.06769"	30 16' 42.56778"	1825.175	2009/2/6	05-feb-09 .19
Tank	-01 45' 39.16145"	30 17' 13.34915"	1901.359	2009/2/6	05-feb-09 .23
Tank	-01 45' 42.24743"	30 31' 12.70247"	1601.43	2009/1/19	16-jan-09 .17
Tank	-01 45' 54.01080"	30 18' 56.45844"	1815.802	2009/2/3	30-jan-09 .14
Tank	-01 45' 57.71265"	30 18' 40.69688"	1853.053	2009/2/3	30-jan-09 .12
Tank	-01 46' 05.16191"	30 16' 11.23723"	1774.706	2009/1/29	28-jan-09 .32
Tank	-01 46' 12.04057"	30 23' 07.55394"	0	2009/12/7	KIZIGURO AGAKOMERO ISHANTI 173 Working
Tank	-01 46' 14.12566"	30 25' 31.06672"	1705.732	2009/12/7	Kiziguro Rubona Ihema 677
Tank	-01 46' 16.62896"	30 17' 42.76601"	1886.218	2009/2/3	Distribution 30m3
Tank	-01 46' 23.48137"	30 19' 25.70059"	1786.722	2009/2/3	30-jan-09 .17
Tank	-01 46' 32.67715"	30 31' 00.97140"	1621.137	2009/1/19	16-jan-09 .15
Tank	-01 46' 34.83164"	30 21' 25.94858"	1598.065	2009/1/22	22-jan-09 .34
Tank	-01 46' 35.84551"	30 20' 51.93456"	1613.446	2009/1/22	22-jan-09 .30
Tank	-01 46' 42.84276"	30 16' 32.65021"	1730.005	2009/1/29	28-jan-09 .29
Tank	-01 46' 50.85599"	30 20' 22.15140"	1662.473	2009/1/22	22-jan-09 .32
Tank	-01 46' 53.15139"	30 19' 25.80107"	1800.181	2009/1/26	23-jan-09 .02
Tank	-01 46' 54.62031"	30 25' 49.98184"	1638.44	2009/12/7	KIZIGURO RUBONA GATARE 673
Tank	-01 46' 54.88856"	30 19' 48.03661"	1752.836	2009/1/22	22-jan-09 .33
Tank	-01 46' 56.24130"	30 18' 50.37278"	1589.894	2009/2/3	30-jan-09 .06
Tank	-01 47' 05.43920"	30 19' 47.33836"	1666.799	2009/1/26	23-jan-09 .12
Tank	-01 47' 14.05050"	30 24' 09.35111"	1515.152	2009/1/21	21-jan-09 .20
Tank	-01 47' 14.23849"	30 22' 33.06832"	1464.443	2009/2/17	DISTRIBUTION AGAKOMEYEISHANTI328
Tank	-01 47' 16.33051"	30 30' 40.46940"	1626.424	2009/1/19	16-jan-09 .14
Tank	-01 47' 34.82528"	30 24' 05.70510"	1551.922	2009/1/21	21-jan-09 .23
Tank	-01 47' 37.04766"	30 24' 31.32716"	1569.466	2009/1/21	21-jan-09 .17
Tank	-01 47' 42.89132"	30 24' 23.42650"	1574.032	2009/1/21	21-jan-09 .24
Tank	-01 47' 57.90482"	30 17' 18.30959"	1661.752	2009/1/29	28-jan-09 .05
Tank	-01 48' 02.46303"	30 35' 28.95457"	1726.641	2009/1/13	13-jan-09 .20
Tank	-01 48' 04.15674"	30 24' 59.38132"	1571.629	2009/1/22	22-jan-09 .05
Tank	-01 48' 09.72521"	30 19' 00.85883"	1547.837	2009/1/27	27-jan-09 .02
Tank	-01 48' 11.05320"	30 24' 09.36169"	1570.908	2009/1/21	21-jan-09 .26
Tank	-01 48' 12.77196"	30 18' 11.44058"	1609.12	2009/1/29	28-jan-09 .11
Tank	-01 48' 15.92916"	30 17' 39.22771"	1673.768	2009/1/29	28-jan-09 .02
Tank	-01 48' 16.29729"	30 17' 39.57684"	1700.445	2009/9/28	Tank nouse
Tank	-01 48' 20.71942"	30 35' 15.70808"	1717.028	2009/1/13	13-jan-09 .17
Tank	-01 48' 21.44784"	30 21' 56.92424"	1549.038	2009/1/27	27-jan-09 .09
Tank	-01 48' 22.06099"	30 26' 20.80183"	1519.238	2009/1/21	21-jan-09 .08
Tank	-01 48' 22.74988"	30 25' 20.72341"	1558.171	2009/1/21	21-jan-09 .02
Tank	-01 48' 24.82531"	30 23' 37.96202"	1570.187	2009/1/21	21-jan-09 .28
Tank	-01 48' 36.31257"	30 29' 48.26782"	1640.844	2009/1/15	14-jan-09 .02
Tank	-01 48' 47.90394"	30 20' 04.06489"	1757.162	2009/1/26	23-jan-09 .08
Tank	-01 48' 56.67969"	30 18' 21.38832"	1683.381	2009/1/29	28-jan-09 .20
Tank	-01 49' 05.43010"	30 21' 24.27055"	1545.433	2009/1/26	26-jan-09 .18
Tank	-01 49' 25.35485"	30 31' 13.68314"	1618.012	2009/1/13	13-jan-09 .24
Tank	-01 49' 27.12793"	30 35' 03.94415"	1662.233	2009/1/13	13-jan-09 .22
Tank	-01 49' 27.76069"	30 23' 37.62802"	1562.497	2009/1/21	21-jan-09 .31
Tank	-01 49' 49.42111"	30 23' 07.04580"	1561.535	2009/1/21	21-jan-09 .33
Tank	-01 49' 50.45943"	30 18' 59.77706"	1654.062	2009/1/29	28-jan-09 .22
Tank	-01 50' 19.86874"	30 34' 52.29905"	1599.027	2009/1/13	13-jan-09 .09
Tank	-01 50' 21.14846"	30 34' 51.39862"	1599.507	2009/1/13	13-jan-09 .08

4.1 Données de localisation de tous les ouvrages (48/55)

Name	Latitude	Longitude	Alti	Date	Comments
Tank	-01 50' 33.33487"	30 29' 07.12288"	1569.466	2009/1/12	12-jan-09 .38
Tank	-01 50' 35.31313"	30 31' 27.74312"	1596.623	2009/1/12	12-jan-09 .33
Tank	-01 50' 35.59105"	30 24' 57.56209"	1480.304	2009/1/22	22-jan-09 .21
Tank	-01 50' 42.91840"	30 31' 49.11506"	1582.203	2009/1/13	13-jan-09 .02
Tank	-01 50' 47.21379"	30 35' 36.21584"	1411.331	2009/1/7	02-jan-09 .18
Tank	-01 50' 51.26779"	30 24' 23.94731"	1487.514	2009/1/22	22-jan-09 .22
Tank	-01 50' 52.23338"	30 30' 31.33307"	1585.568	2009/1/12	12-jan-09 .35
Tank	-01 50' 53.71135"	30 32' 28.75848"	1588.212	2009/1/13	13-jan-09 .04
Tank	-01 50' 55.67060"	30 29' 40.98120"	1572.59	2009/1/12	12-jan-09 .37
Tank	-01 50' 55.76686"	30 20' 48.91438"	1559.613	2009/1/26	26-jan-09 .23
Tank	-01 51' 01.12319"	30 16' 30.99846"	1720.873	2009/2/12	50 m3 under construction
Tank	-01 51' 10.70220"	30 32' 54.32654"	1591.096	2009/1/13	13-jan-09 .06
Tank	-01 51' 19.92333"	30 31' 20.49784"	1584.847	2009/1/12	12-jan-09 .32
Tank	-01 51' 31.19273"	30 17' 06.28069"	1715.585	2009/2/12	50 m3 under construction
Tank	-01 51' 47.60635"	30 33' 13.91548"	1629.308	2009/1/7	05-jan-09 .37
Tank	-01 51' 51.48049"	30 33' 32.35532"	1630.99	2009/1/7	05-jan-09 .36
Tank	-01 51' 56.56043"	30 17' 24.10861"	1731.688	2009/2/12	75 m3 under construction
Tank	-01 52' 16.45350"	30 32' 57.72030"	1615.849	2009/1/7	05-jan-09 .39
Tank	-01 52' 19.73592"	30 17' 41.51587"	1720.873	2009/2/12	50 m3 under construction
Tank	-01 52' 52.85916"	30 36' 03.73046"	1383.933	2009/1/7	02-jan-09 .10
Tank	-01 52' 59.49521"	30 33' 14.45771"	1631.951	2009/1/7	05-jan-09 .40
Tank	-01 53' 11.42031"	30 16' 23.94358"	1466.125	2009/2/12	3 m3
Tank	-01 53' 15.75493"	30 27' 15.46780"	1524.044	2009/2/13	100 m3 elevated Tank EGAS
Tank	-01 53' 17.31799"	30 38' 21.63800"	1386.336	2008/12/19	19-dec-08 .31
Tank	-01 53' 33.34265"	30 16' 44.01077"	1447.139	2009/2/12	3 m3
Tank	-01 53' 37.27503"	30 16' 52.27201"	1439.208	2009/2/12	125 m3 reserver Tank
Tank	-01 53' 43.93070"	30 30' 01.86008"	1620.416	2009/1/12	12-jan-09 .17
Tank	-01 53' 55.59750"	30 30' 26.25102"	1569.466	2009/1/12	09-jan-09 .09
Tank	-01 54' 07.10348"	30 29' 48.52853"	1604.554	2009/1/12	12-jan-09 .29
Tank	-01 54' 25.80796"	30 30' 52.82208"	1596.864	2009/1/12	09-jan-09 .03
Tank	-01 54' 39.62955"	30 35' 47.31385"	1393.546	2008/12/19	19-dec-08 .39
Tank	-01 54' 50.14217"	30 26' 32.96170"	1525.006	2009/2/13	30m3 elevated Tank EGAS
Tank	-01 55' 01.54525"	30 20' 57.34313"	1593.259	2009/1/14	Tank for downstream nouse 41
Tank	-01 55' 01.70517"	30 34' 11.36114"	1434.402	2008/12/22	22-dec-08 .04
Tank	-01 55' 03.83552"	30 34' 14.83367"	1429.595	2008/12/22	22-dec-08 .03
Tank	-01 55' 28.08041"	30 23' 40.85279"	1591.336	2009/1/9	150m3+9m3 05
Tank	-01 55' 28.11360"	30 23' 13.77208"	1589.654	2009/1/9	6
Tank	-01 55' 33.46994"	30 20' 33.83329"	1625.463	2009/1/14	Supply Tank 46
Tank	-01 55' 37.73002"	30 19' 51.53297"	1661.992	2009/1/14	nouse 28
Tank	-01 55' 52.60019"	30 20' 41.17481"	1567.063	2009/1/14	Booster station 44
Tank	-01 56' 02.98698"	30 40' 10.53329"	1442.093	2008/12/19	19-dec-08 .03
Tank	-01 56' 27.45003"	30 20' 08.99275"	1711.74	2009/1/14	Tank small 19
Tank	-01 56' 33.54837"	30 27' 09.46091"	1535.34	2009/1/10	Small Tank 04
Tank	-01 56' 36.57430"	30 24' 06.70961"	1513.71	2008/12/27	6
Tank	-01 56' 36.69047"	30 36' 43.03624"	1396.671	2008/12/19	19-dec-08 .41
Tank	-01 56' 37.42101"	30 20' 14.96432"	1718.229	2009/1/14	Tank nouse 47
Tank	-01 57' 11.26784"	30 31' 34.43380"	1635.797	2008/12/31	30-dec-08 .04
Tank	-01 57' 23.32028"	30 16' 42.89970"	1423.587	2009/2/9	5 m3
Tank	-01 57' 40.06008"	30 17' 04.53055"	1421.424	2009/2/9	5 m3
Tank	-01 57' 50.06877"	30 36' 59.27998"	1431.518	2008/12/22	22-dec-08 .13
Tank	-01 57' 51.95500"	30 17' 16.14095"	1425.75	2009/2/9	5 m3
Tank	-01 57' 56.32945"	30 16' 29.65688"	1456.512	2009/2/5	Small
Tank	-01 57' 57.14900"	30 23' 51.32436"	1667.76	2008/12/4	D-1
Tank	-01 57' 58.98303"	30 17' 26.54009"	1431.759	2009/2/9	5 m3
Tank	-01 58' 01.24493"	30 18' 08.87270"	1454.349	2009/2/9	5 m3
Tank	-01 58' 02.99206"	30 19' 19.05578"	1734.091	2009/2/6	5 m3
Tank	-01 58' 03.89489"	30 17' 40.19690"	1423.106	2009/2/9	5 m3
Tank	-01 58' 04.38795"	30 15' 26.36212"	1612.004	2009/2/6	5 m3
Tank	-01 58' 09.04815"	30 14' 15.55714"	1426.231	2009/2/6	5 m3
Tank	-01 58' 13.93859"	30 21' 27.99472"	1624.261	2009/1/20	Small 20
Tank	-01 58' 15.29314"	30 16' 24.59716"	1528.851	2009/2/5	Small
Tank	-01 58' 15.79102"	30 14' 43.03644"	1475.979	2009/2/6	5 m3
Tank	-01 58' 15.98716"	30 15' 11.54081"	1533.177	2009/2/6	5 m3
Tank	-01 58' 25.12290"	30 15' 25.18679"	1563.939	2009/2/6	5 m3
Tank	-01 58' 30.66541"	30 45' 15.54008"	1363.024	2008/12/29	29-dec-08 .12
Tank	-01 58' 34.92550"	30 24' 32.25110"	1565.14	2008/12/4	MD-1
Tank	-01 58' 35.90890"	30 33' 42.30637"	1676.412	2008/12/31	30-dec-08 .07
Tank	-01 58' 55.79624"	30 21' 44.50489"	1608.64	2009/1/20	Small 17
Tank	-01 58' 57.50926"	30 31' 16.75344"	1586.529	2009/1/7	06-jan-09 .02
Tank	-01 58' 58.34209"	30 45' 02.97378"	1363.986	2008/12/29	29-dec-08 .09
Tank	-01 59' 03.31098"	30 19' 32.01798"	1635.316	2009/2/6	5 m3
Tank	-01 59' 09.12115"	30 15' 56.36466"	1406.524	2009/2/5	Private Tank
Tank	-01 59' 10.45367"	30 27' 44.56451"	1538.464	2008/12/4	D-4
Tank	-01 59' 16.94036"	30 44' 21.66742"	1380.809	2008/12/29	29-dec-08 .04
Tank	-01 59' 19.26775"	30 44' 17.32254"	1378.646	2008/12/29	29-dec-08 .02
Tank	-01 59' 21.02603"	30 42' 53.25541"	1309.912	2008/12/29	29-dec-08 .20
Tank	-01 59' 26.84616"	30 33' 30.02882"	1670.644	2008/12/22	Tank 25

4.1 Données de localisation de tous les ouvrages (49/55)

Name	Latitude	Longitude	Alti	Date	Comments
Tank	-01 59' 31.51662"	30 41' 37.93294"	1386.817	2008/12/29	29-dec-08 .29
Tank	-01 59' 32.58874"	30 42' 52.60604"	1318.804	2008/12/29	29-dec-08 .18
Tank	-01 59' 34.12132"	30 21' 52.13610"	1678.815	2009/1/20	Small house 16
Tank	-01 59' 39.12461"	30 25' 55.94740"	1501.694	2008/12/4	D-2
Tank	-01 59' 46.11461"	30 16' 58.64614"	1621.617	2009/2/5	Small
Tank	-01 59' 50.38586"	30 21' 25.03246"	1428.154	2009/1/20	Small 03
Tank	-02 00' 12.19655"	30 15' 59.09216"	1565.14	2009/2/5	5 m3
Tank	-02 00' 15.41288"	30 27' 46.80439"	1523.804	2008/12/4	D-5
Tank	-02 00' 20.44967"	30 21' 19.29683"	1410.369	2009/1/20	Small 05
Tank	-02 00' 24.13583"	30 25' 45.02410"	1451.946	2008/12/4	D-3
Tank	-02 00' 24.88628"	30 22' 39.11354"	1627.625	2009/1/14	Supply 07
Tank	-02 00' 25.32834"	30 16' 54.21256"	1653.581	2009/2/5	20 m3
Tank	-02 00' 28.32380"	30 41' 25.72361"	1379.848	2008/12/29	29-dec-08 .27
Tank	-02 00' 30.44358"	30 19' 02.64097"	1618.012	2009/1/29	small 44
Tank	-02 00' 37.95984"	30 21' 57.59957"	1444.255	2009/1/20	colecting 11
Tank	-02 00' 38.33521"	30 18' 12.14183"	1600.949	2009/1/29	small house 39
Tank	-02 00' 42.15776"	30 19' 09.68617"	1608.399	2009/1/29	small 43
Tank	-02 00' 42.44201"	30 18' 34.32730"	1584.366	2009/1/29	R12-12 small 35
Tank	-02 00' 45.08321"	30 21' 35.03239"	1422.626	2009/1/20	Small 07
Tank	-02 00' 49.96973"	30 18' 45.37008"	1598.065	2009/1/29	small 40
Tank	-02 00' 51.33484"	30 42' 07.39264"	1387.538	2008/12/29	29-dec-08 .23
Tank	-02 00' 55.80072"	30 41' 56.11117"	1402.198	2008/12/29	29-dec-08 .24
Tank	-02 00' 58.70565"	30 20' 15.89194"	1621.617	2009/1/29	Small 17
Tank	-02 01' 00.99170"	30 27' 46.11218"	1622.579	2008/12/4	D-6
Tank	-02 01' 06.21526"	30 18' 13.63882"	1562.737	2009/1/29	small 31
Tank	-02 01' 10.30969"	30 27' 13.25750"	1551.201	2008/12/4	D-7
Tank	-02 01' 12.94939"	30 38' 11.91808"	1469.49	2008/12/23	23-dec-08 .15
Tank	-02 01' 14.53930"	30 17' 50.09158"	1557.209	2009/2/5	5 m3
Tank	-02 01' 17.26922"	30 41' 00.72132"	1385.615	2008/12/29	29-dec-08 .33
Tank	-02 01' 21.37390"	30 41' 04.83083"	1376.964	2008/12/29	29-dec-08 .32
Tank	-02 01' 22.52507"	30 16' 54.30670"	1620.896	2009/2/5	5 m3
Tank	-02 01' 22.93636"	30 33' 32.50919"	1697.321	2008/12/22	Main Tank 20
Tank	-02 01' 24.74806"	30 26' 37.26100"	1471.893	2008/12/6	D-10
Tank	-02 01' 27.05945"	30 18' 32.69938"	1556.729	2009/1/29	R12-14 small 33
Tank	-02 01' 31.25587"	30 20' 08.50240"	1656.946	2009/1/29	Middle 15
Tank	-02 01' 32.41277"	30 16' 16.20764"	1575.715	2009/2/5	5 m3
Tank	-02 01' 34.31590"	30 33' 43.33986"	1692.514	2008/12/22	Tank 05
Tank	-02 01' 34.90672"	30 50' 29.59451"	1322.409	2008/12/17	private Tank 15
Tank	-02 01' 36.33399"	30 38' 07.04360"	1462.521	2008/12/23	23-dec-08 .12
Tank	-02 01' 41.19938"	30 17' 04.48379"	1592.538	2009/2/5	5 m3
Tank	-02 01' 42.06088"	30 21' 06.85904"	1484.39	2009/1/29	R14-3 small 09
Tank	-02 01' 44.13208"	30 19' 22.15232"	1621.617	2009/1/29	small 22
Tank	-02 01' 45.01409"	30 18' 54.65516"	1581.482	2009/1/29	R12-15 small 23
Tank	-02 02' 04.86733"	30 28' 21.80752"	1529.812	2008/12/4	D-8
Tank	-02 02' 05.66183"	30 20' 46.05652"	1567.303	2009/1/29	R14-2 small 04
Tank	-02 02' 10.50671"	30 40' 45.31012"	1408.927	2008/12/29	29-dec-08 .37
Tank	-02 02' 12.96988"	30 18' 20.77636"	1506.981	2009/1/29	small 29
Tank	-02 02' 21.36875"	30 21' 12.03948"	1503.857	2009/1/29	R-14-4 small 06
Tank	-02 02' 22.54587"	30 20' 21.14567"	1500.492	2009/1/22	Small 38
Tank	-02 02' 28.72508"	30 18' 53.85222"	1518.757	2009/1/29	small 26
Tank	-02 02' 31.26791"	30 33' 00.71489"	1626.424	2008/12/22	12
Tank	-02 02' 31.31016"	30 23' 58.71448"	1518.276	2009/1/14	18
Tank	-02 02' 38.34995"	30 42' 06.81901"	1367.591	2008/12/29	29-dec-08 .38
Tank	-02 02' 56.82661"	30 16' 32.79896"	1580.521	2009/2/2	Small
Tank	-02 02' 58.57253"	30 20' 42.86944"	1586.529	2009/1/22	Small 35
Tank	-02 03' 08.62589"	30 26' 32.68648"	1493.282	2008/12/4	D-9
Tank	-02 03' 10.04290"	30 40' 42.41392"	1370.956	2008/12/24	24-dec-08 .23
Tank	-02 03' 13.49912"	30 15' 14.51336"	1401.958	2009/2/2	Small
Tank	-02 03' 16.25771"	30 41' 01.79794"	1344.039	2008/12/24	24-dec-08 .22
Tank	-02 03' 22.22267"	30 47' 28.27385"	1376.002	2008/12/18	Military 03
Tank	-02 03' 22.48248"	30 41' 18.05766"	1328.417	2008/12/24	24-dec-08 .20
Tank	-02 03' 22.60861"	30 49' 26.09364"	1356.536	2008/12/17	from Nasho sell 11
Tank	-02 03' 24.13998"	30 13' 58.75032"	1414.455	2009/2/2	Small
Tank	-02 03' 25.58083"	30 41' 40.67732"	1311.594	2008/12/24	24-dec-08 .17
Tank	-02 03' 32.91966"	30 37' 59.41632"	1466.846	2008/12/26	26-dec-08 .31
Tank	-02 03' 38.11667"	30 40' 41.03857"	1380.328	2008/12/24	24-dec-08 .02
Tank	-02 03' 39.48299"	30 37' 23.69744"	1506.5	2008/12/26	26-dec-08 .05
Tank	-02 03' 39.59796"	30 44' 55.10386"	1309.432	2008/12/18	18-dec-08 .12
Tank	-02 03' 39.77207"	30 47' 04.07663"	1327.216	2008/12/18	military 01
Tank	-02 03' 40.36048"	30 44' 52.16122"	1307.99	2008/12/18	18-dec-08 .13
Tank	-02 03' 41.69330"	30 41' 10.33199"	1329.859	2008/12/24	24-dec-08 .15
Tank	-02 03' 49.65403"	30 21' 19.42596"	1485.592	2009/1/22	Small 41
Tank	-02 03' 58.13980"	30 15' 23.68890"	1486.313	2009/2/2	Small
Tank	-02 03' 59.28675"	30 15' 37.72685"	1586.77	2009/2/2	Small
Tank	-02 04' 03.19348"	30 37' 47.34487"	1499.291	2008/12/26	26-dec-08 .07
Tank	-02 04' 05.25020"	30 44' 16.22598"	1320.006	2008/12/18	18-dec-08 .14
Tank	-02 04' 10.62615"	30 16' 06.38450"	1624.501	2009/2/2	100 m3 to Kigali

4.1 Données de localisation de tous les ouvrages (50/55)

Name	Latitude	Longitude	Alti	Date	Comments
Tank	-02 04' 12.46259"	30 40' 48.58831"	1332.263	2008/12/24	24-dec-08 .13
Tank	-02 04' 13.12312"	30 43' 10.65090"	1357.737	2008/12/18	18-dec-08.09
Tank	-02 04' 22.50026"	30 37' 11.77266"	1502.896	2008/12/26	26-dec-08 .10
Tank	-02 04' 23.22868"	30 20' 57.07093"	1442.813	2009/1/22	Small 45
Tank	-02 04' 25.01745"	30 18' 11.94268"	1462.761	2009/1/22	Small 09
Tank	-02 04' 26.34423"	30 17' 54.96871"	1510.345	2009/1/22	Small 48
Tank	-02 04' 35.62059"	30 28' 02.62265"	1541.107	2008/12/30	Usugarika from Remera nowater 09
Tank	-02 04' 37.34508"	30 16' 46.30706"	1590.615	2009/1/22	Small 16
Tank	-02 04' 37.35805"	30 18' 37.58497"	1487.514	2009/1/22	Small nouse 30
Tank	-02 04' 37.83814"	30 43' 55.98199"	1304.385	2008/12/18	18-dec-08 .16
Tank	-02 04' 39.33058"	30 16' 46.93138"	1583.886	2009/1/22	Small 18
Tank	-02 04' 42.71771"	30 40' 29.19464"	1349.326	2008/12/24	24-dec-08 .27
Tank	-02 04' 47.12384"	30 37' 41.93450"	1523.804	2008/12/26	26-dec-08 .18
Tank	-02 04' 48.53633"	30 41' 05.47537"	1321.448	2008/12/24	24-dec-08 .11
Tank	-02 04' 51.38333"	30 38' 27.02029"	1634.595	2008/12/26	26-dec-08 .27
Tank	-02 04' 57.54533"	30 50' 42.00785"	1377.685	2008/12/18	from Gakirarwgo 21
Tank	-02 04' 58.60326"	30 41' 27.86388"	1316.641	2008/12/24	24-dec-08 .09
Tank	-02 05' 00.20796"	30 32' 15.51476"	1584.607	2008/12/29	from mainTank 02
Tank	-02 05' 00.48949"	30 15' 17.26920"	1481.026	2009/2/2	Small
Tank	-02 05' 00.92190"	30 42' 52.55262"	1313.998	2008/12/18	18-dec-08 .07
Tank	-02 05' 01.75321"	30 40' 21.44273"	1359.66	2008/12/24	24-dec-08 .29
Tank	-02 05' 04.98102"	30 18' 19.59804"	1516.594	2009/1/22	Small nouse 49
Tank	-02 05' 13.11525"	30 16' 54.34622"	1506.26	2009/1/22	Small nouse 19
Tank	-02 05' 21.38739"	30 40' 16.90201"	1367.831	2008/12/24	24-dec-08 .31
Tank	-02 05' 21.57900"	30 27' 07.73910"	1369.033	2009/1/5	Tank small 22
Tank	-02 05' 22.64085"	30 16' 52.89816"	1494.244	2009/1/22	Small 21
Tank	-02 05' 23.80801"	30 36' 53.68975"	1531.254	2008/12/26	26-dec-08 .12
Tank	-02 05' 25.47397"	30 37' 06.34843"	1532.215	2008/12/26	26-dec-08 .16
Tank	-02 05' 25.86202"	30 41' 13.27254"	1331.061	2008/12/18	18-dec-08 .25
Tank	-02 05' 27.10884"	30 39' 39.31016"	1453.628	2008/12/24	24-dec-08 .04
Tank	-02 05' 37.54813"	30 37' 53.56754"	1593.018	2008/12/26	26-dec-08 .22
Tank	-02 05' 46.66094"	30 46' 50.83799"	1349.086	2008/12/17	2006 construction 01
Tank	-02 05' 47.85315"	30 51' 09.98384"	1400.035	2008/12/18	from Gakirarwgo 18
Tank	-02 05' 48.04808"	30 39' 08.21470"	1540.867	2008/12/24	24-dec-08 .08
Tank	-02 05' 52.52964"	30 40' 25.49399"	1460.838	2008/12/24	24-dec-08 .03
Tank	-02 06' 00.84040"	30 37' 20.79793"	1614.167	2008/12/26	26-dec-08 .20
Tank	-02 06' 06.19553"	30 41' 58.76567"	1322.169	2008/12/18	18-dec-08 .19
Tank	-02 06' 11.38923"	30 41' 30.68282"	1332.263	2008/12/18	18-dec-08 .05
Tank	-02 06' 16.16621"	30 47' 06.07056"	1444.976	2008/12/17	from Keretav 09
Tank	-02 06' 16.82100"	30 36' 49.97131"	1503.857	2008/12/26	26-dec-08 .14
Tank	-02 06' 18.39945"	30 45' 50.48316"	1319.766	2008/12/17	from Mushikiri 04
Tank	-02 06' 18.60464"	30 45' 50.36699"	1314.959	2008/12/17	17-dec-08 .41
Tank	-02 06' 19.80620"	30 41' 23.53560"	1363.024	2008/12/18	18-dec-08 .03
Tank	-02 06' 22.47668"	30 41' 20.78124"	1370.715	2008/12/18	18-dec-08 .01
Tank	-02 06' 33.59249"	30 42' 23.77217"	1313.757	2008/12/17	17-dec-08 .39
Tank	-02 06' 38.19626"	30 43' 49.86404"	1314.719	2008/12/17	17-dec-08 .45
Tank	-02 06' 42.67995"	30 50' 35.91222"	1331.542	2008/12/18	from Gakirarwgo 13
Tank	-02 06' 46.52362"	30 41' 37.49028"	1438.488	2008/12/17	17-dec-08 .38
Tank	-02 06' 47.09453"	30 43' 11.42580"	1314.719	2008/12/17	17-dec-08 .50
Tank	-02 06' 47.33743"	30 41' 38.08835"	1438.488	2008/12/17	17-dec-08 .37
Tank	-02 07' 00.39620"	30 41' 30.72476"	1456.512	2008/12/17	17-dec-08 .35
Tank	-02 07' 00.99005"	30 44' 07.36724"	1334.666	2008/12/17	17-dec-08 .43
Tank	-02 07' 06.82345"	30 40' 39.10526"	1420.463	2008/12/18	18-dec-08.27
Tank	-02 07' 08.39797"	30 43' 31.35900"	1331.061	2008/12/17	17-dec-08 .47
Tank	-02 07' 09.50116"	30 37' 44.04644"	1625.463	2009/9/29	Tank
Tank	-02 07' 15.81586"	30 41' 54.95309"	1491.6	2008/12/17	17-dec-08 .30
Tank	-02 07' 21.45252"	30 41' 19.63583"	1511.066	2008/12/17	17-dec-08 .33
Tank	-02 07' 38.91380"	30 40' 18.87967"	1642.766	2008/12/18	18-dec-08 .31
Tank	-02 07' 45.88600"	30 51' 00.31039"	1345.721	2008/12/18	from Gakirarwgo 12
Tank	-02 07' 57.12010"	30 42' 52.49470"	1494.003	2008/12/17	17-dec-08 .27
Tank	-02 08' 06.00931"	30 41' 14.07037"	1574.994	2008/12/17	17-dec-08 .31
Tank	-02 08' 11.32340"	30 42' 31.80953"	1564.66	2008/12/17	17-dec-08 .22
Tank	-02 08' 13.75006"	30 42' 27.47009"	1577.637	2008/12/17	17-dec-08 .23
Tank	-02 08' 15.24643"	30 51' 01.75939"	1367.831	2008/12/18	from Rubina no water 09
Tank	-02 08' 33.55020"	30 37' 28.66210"	1647.092	2009/1/15	Tank small 15
Tank	-02 08' 46.23087"	30 26' 09.10363"	1530.533	2009/1/13	Steel Tank 05
Tank	-02 08' 58.66985"	30 26' 59.86316"	1542.55	2009/1/5	Tank small 06
Tank	-02 09' 07.56812"	30 26' 03.39032"	1506.5	2009/1/13	Tank 06
Tank	-02 09' 13.79983"	30 37' 16.47026"	1632.913	2009/1/15	Tank small 13
Tank	-02 09' 23.20291"	30 36' 24.05052"	1583.646	2009/1/15	Tank small 09
Tank	-02 09' 32.18717"	30 50' 52.23048"	1316.882	2009/1/28	Small
Tank	-02 09' 33.99917"	30 29' 52.97478"	1512.268	2008/12/31	from kazo 07
Tank	-02 09' 42.93274"	30 38' 07.58497"	1609.841	2009/1/15	Tank small 23
Tank	-02 09' 51.53680"	30 46' 16.77270"	1753.317	2009/1/27	Remera/Nyarutunga/30m3/UNHCR/IRC/village
Tank	-02 09' 53.58899"	30 19' 03.37451"	1390.662	2009/1/19	Rwintashy/Shyembi/20m3 not func
Tank	-02 09' 53.71482"	30 19' 03.34855"	1400.756	2009/1/19	Small 03
Tank	-02 09' 55.91867"	30 36' 00.91606"	1596.143	2009/1/15	Tank small 07

4.1 Données de localisation de tous les ouvrages (51/55)

Name	Latitude	Longitude	Alti	Date	Comments
Tank	-02 09' 55.54824"	30 46' 10.90884"	1735.052	2009/1/27	Remera/Nyarutunga/30m3/UNHCR/IRC/school
Tank	-02 09' 58.34817"	30 25' 51.18010"	1442.093	2009/1/13	Tank 19
Tank	-02 10' 01.10072"	30 37' 13.38521"	1538.224	2009/1/15	Tank small nowater 32
Tank	-02 10' 02.65472"	30 46' 38.87821"	1824.454	2009/1/27	Remera/Nyarutunga/constructed by AMUSAR in 1998 but pipe were not connected/planned to take water from Mpanga
Tank	-02 10' 09.99445"	30 28' 57.31968"	1396.43	2008/12/31	from kazo(Kamfonyogo) +pump12
Tank	-02 10' 11.51707"	30 22' 27.22012"	1417.579	2009/1/13	from Gisuma 32
Tank	-02 10' 13.37554"	30 50' 30.54923"	1354.133	2009/1/28	Small
Tank	-02 10' 16.90630"	30 19' 36.43349"	1383.693	2009/1/19	Small 05
Tank	-02 10' 20.47870"	30 28' 19.94693"	1501.934	2008/12/31	from pump 15
Tank	-02 10' 21.98835"	30 31' 10.73568"	1671.125	2009/1/21	Kabimba/Karama/25m3
Tank	-02 10' 28.19502"	30 35' 44.20705"	1568.505	2009/1/15	Tank small 05
Tank	-02 10' 29.38270"	30 19' 34.78804"	1383.452	2009/1/19	rain water Tank
Tank	-02 10' 31.01848"	30 19' 36.66101"	1386.577	2009/1/19	Centre de Sante/20m3
Tank	-02 10' 34.20223"	30 19' 41.48656"	1391.624	2009/1/19	Small 17
Tank	-02 10' 34.39384"	30 19' 41.61904"	1383.452	2009/1/19	Rwimpongo/Rwintasha
Tank	-02 10' 39.63159"	30 50' 14.26600"	1319.285	2009/1/28	Small
Tank	-02 10' 41.95686"	30 29' 48.80281"	1498.329	2009/1/21	Umukamba/Umukamba/5m3
Tank	-02 10' 44.10380"	30 29' 21.38140"	1463.241	2009/1/21	Kabaya/Umukamba/5m3
Tank	-02 10' 44.98038"	30 29' 20.07575"	1459.636	2009/1/21	Kabaya/Umukamuba/5m3
Tank	-02 10' 46.82376"	30 30' 42.97846"	1544.232	2009/1/21	Kabimba/Karama
Tank	-02 10' 57.03463"	30 49' 54.17375"	1386.817	2009/1/28	
Tank	-02 11' 00.61276"	30 29' 03.17663"	1388.019	2009/1/21	Kabaya/Umukamba/not use
Tank	-02 11' 04.47545"	30 31' 01.40138"	1654.542	2009/1/21	Rango/Karama/30m3
Tank	-02 11' 04.95885"	30 20' 00.48466"	1371.196	2009/1/19	Ntovi/Ntovi
Tank	-02 11' 05.01286"	30 20' 00.46262"	1373.839	2009/1/19	Small 20
Tank	-02 11' 06.62722"	30 20' 47.88028"	1387.538	2009/1/19	Rugenda2/Rubona/reaking/no bulb box
Tank	-02 11' 09.62117"	30 21' 09.81558"	1392.344	2009/1/19	Akabungo/Rubago
Tank	-02 11' 09.69087"	30 21' 09.85000"	1390.422	2009/1/19	small 26
Tank	-02 11' 12.28379"	30 05' 43.39122"	1536.301	2009/3/23	800 m3
Tank	-02 11' 19.09335"	30 22' 15.69752"	1394.507	2009/1/19	small 33
Tank	-02 11' 19.23729"	30 22' 15.73165"	1393.065	2009/1/19	Rubago/Rubago/5m3
Tank	-02 11' 19.48774"	30 25' 29.58452"	1440.65	2009/1/13	from Gisuma nouse 26
Tank	-02 11' 27.32385"	30 31' 52.27831"	1647.092	2009/1/21	Gahurire/Mpandu
Tank	-02 11' 27.36850"	30 24' 14.98266"	1396.671	2009/1/13	from Gisuma 28
Tank	-02 11' 32.93335"	30 30' 46.09278"	1539.906	2009/1/22	25m3/Rebero/Gahurire/constructed by UNDP
Tank	-02 11' 33.63401"	30 30' 34.17944"	1626.664	2009/1/21	Rain water Tank/Kazo primary school
Tank	-02 11' 43.29238"	30 35' 24.38909"	1593.739	2009/1/15	Tank small 03
Tank	-02 11' 56.28959"	30 25' 14.28319"	1339.953	2009/1/20	PomPstation/BUKOKOZA/NKANGA/30m3
Tank	-02 11' 56.80618"	30 49' 53.57842"	1318.324	2009/1/27	Small
Tank	-02 12' 10.99591"	30 35' 17.00923"	1600.709	2009/1/21	Small
Tank	-02 12' 18.13890"	30 49' 40.38175"	1343.558	2009/1/27	Small
Tank	-02 12' 27.66269"	30 35' 00.40855"	1556.969	2009/1/21	Small
Tank	-02 12' 38.42002"	30 29' 08.30483"	1490.398	2009/1/22	Rain Tank
Tank	-02 12' 38.50119"	30 29' 10.14338"	1489.677	2009/1/22	Rain Tank/Murinja primary school/Rusebeyi/Birenga/
Tank	-02 12' 58.65527"	30 23' 06.43988"	1399.795	2009/1/20	H.C/no func
Tank	-02 13' 00.82485"	30 23' 08.49869"	1400.276	2009/1/20	Tank and BF/H.C/Sangano/Rukoma/10m3
Tank	-02 13' 02.56141"	30 49' 41.76797"	1327.216	2009/1/27	Small
Tank	-02 13' 04.86103"	30 48' 16.42565"	1392.104	2009/1/27	
Tank	-02 13' 05.24395"	30 23' 08.33968"	1410.369	2009/1/20	Nyarurenbo/Rukoma/20m3
Tank	-02 13' 11.33354"	30 34' 53.84611"	1565.861	2008/12/17	16-dec-08 .14
Tank	-02 13' 16.77346"	30 35' 25.24668"	1569.466	2008/12/17	16-dec-08 .11
Tank	-02 13' 16.97624"	30 35' 24.53363"	1564.9	2009/1/21	Tank small
Tank	-02 13' 22.55165"	30 34' 12.62726"	1546.154	2009/1/21	Small
Tank	-02 13' 23.49250"	30 25' 04.70932"	1563.698	2009/1/20	old Tank (1970) use for private company
Tank	-02 13' 23.71458"	30 25' 04.80346"	1564.179	2009/1/20	Nyagasani/Kibowde/100m3(rukumberi/sake/jarama)
Tank	-02 13' 49.48421"	30 23' 40.27553"	1415.897	2009/1/20	rain water Tank at scool
Tank	-02 13' 49.95101"	30 23' 33.12380"	1427.673	2009/1/20	Mabuga1/Gafunzo/20m3
Tank	-02 13' 57.42895"	30 25' 05.81642"	1557.69	2009/1/20	Nyagasani/Kibonde/5m3
Tank	-02 14' 08.08550"	30 29' 45.38310"	1452.907	2009/1/22	Kibimba/Kinyonza/not use/The economat enterprise is repairing P.S Tank BF pipeline from feb 2008.
Tank	-02 14' 11.63134"	30 35' 36.35826"	1535.099	2008/12/17	16-dec-08 .12
Tank	-02 14' 13.35252"	30 25' 06.24702"	1526.688	2009/1/20	Cyanika/Gafunzo/10m3
Tank	-02 14' 21.57999"	30 20' 57.36181"	1355.334	2009/1/23	Nyarurenbo/Karenge/water from SAKE sec
Tank	-02 14' 21.77039"	30 30' 02.02874"	1587.25	2009/1/22	Kibimba/Kinyowzo/repair inside at 2001 by gov/pipe is not connected/30m3
Tank	-02 14' 22.05977"	30 34' 08.14116"	1536.781	2009/1/21	Tank small
Tank	-02 14' 22.62827"	30 47' 38.25686"	1393.546	2009/1/29	Gasetsa/Kazizi/1966/used/water from (Nyakiziba SP at Nyarubwa)
Tank	-02 14' 46.16012"	30 25' 22.42736"	1488.476	2009/1/20	Kabare/Kibonde/20m3
Tank	-02 14' 50.42142"	30 33' 53.37752"	1527.649	2009/1/21	Small
Tank	-02 14' 53.50921"	30 21' 30.11692"	1371.677	2009/1/23	Rusenyei/Karenge
Tank	-02 14' 59.90054"	30 25' 42.28907"	1458.675	2009/1/20	KABARE/Kibonde/30m3
Tank	-02 15' 04.13015"	30 47' 26.41294"	1355.094	2009/1/29	not working
Tank	-02 15' 05.24904"	30 34' 24.48386"	1492.081	2009/1/21	Small
Tank	-02 15' 15.32925"	30 46' 55.67596"	1399.074	2009/1/29	Nyenyeri/Kazizi/1966/not used/WS(SP) dry
Tank	-02 15' 32.24135"	30 46' 26.86559"	1360.381	2009/1/29	Gashanga/Kazizi/not used/not enough water

4.1 Données de localisation de tous les ouvrages (52/55)

Name	Latitude	Longitude	Alti	Date	Comments
Tank	-02 15' 36.98634"	30 36' 38.52086"	1569.707	2008/12/12	12-dec-08 .8
Tank	-02 15' 40.19634"	30 21' 48.81899"	1392.344	2009/1/23	Umuka/Ihanika
Tank	-02 15' 51.33237"	30 21' 52.13761"	1414.455	2009/1/23	Kabeza/Jarama
Tank	-02 15' 54.42137"	30 41' 33.62006"	1668.481	2008/12/16	Military from Nyakarambi 024
Tank	-02 16' 00.90323"	30 46' 03.15358"	1467.087	2009/1/29	Gasabo/Kazizi/not used/1966/pipe broken
Tank	-02 16' 09.39353"	30 21' 54.57092"	1432.72	2009/1/23	Kabeza/Jarama
Tank	-02 16' 10.82382"	30 44' 07.80299"	1476.7	2009/1/29	Ruhama/Gatana/Kigina sec
Tank	-02 16' 12.81324"	30 45' 52.87756"	1480.064	2009/1/29	Gasabo/Kazizi/used
Tank	-02 16' 13.74535"	30 25' 02.63960"	1459.636	2009/1/23	Remera/Kigoma
Tank	-02 16' 14.08843"	30 29' 27.12127"	1550.961	2009/1/30	Akarimbu/Mutenderi/not used
Tank	-02 16' 14.41311"	30 46' 56.67593"	1405.082	2009/1/29	Jyambere/Kazizi/40m3/2001/not used/not enough water
Tank	-02 16' 17.84581"	30 29' 25.81318"	1543.511	2009/1/30	Rain water Tank/JICA/MINITRAPE/1988/not func/not used
Tank	-02 16' 18.91520"	30 29' 25.63728"	1543.271	2009/1/30	Rain water Tank/JICA/MINITRAPE/1988/not func/not used
Tank	-02 16' 20.06637"	30 45' 40.95756"	1421.905	2009/1/29	Mahoko/Kazizi/not use/pipe broken
Tank	-02 16' 21.38682"	30 36' 44.74051"	1605.756	2008/12/9	from SP
Tank	-02 16' 23.64119"	30 29' 18.81866"	1540.386	2009/1/30	Rain Tank/JICA/MINITRAPE 1988/used
Tank	-02 16' 24.22115"	30 41' 10.30333"	1628.346	2008/12/16	from Muguruka 19
Tank	-02 16' 27.42029"	30 40' 56.67820"	1624.261	2008/12/16	+pump Nyakarambi nowater 17
Tank	-02 16' 29.46644"	30 36' 40.07488"	1604.314	2008/12/9	from SP
Tank	-02 16' 30.04640"	30 40' 32.27185"	1635.797	2008/12/16	from Muguruka 22
Tank	-02 16' 31.98846"	30 22' 27.71227"	1429.595	2009/1/23	Auterimberu/Jarama
Tank	-02 16' 37.80919"	30 23' 12.42956"	1424.789	2009/1/23	Ibabiri/Kibimba
Tank	-02 16' 39.19844"	30 35' 52.97464"	1547.837	2008/12/9	from Tank
Tank	-02 16' 39.71382"	30 43' 05.53084"	1731.207	2008/12/16	from Kabuge fund China 16
Tank	-02 16' 41.07863"	30 24' 27.61837"	1444.976	2009/1/23	Remera/Kigoma
Tank	-02 16' 42.14320"	30 42' 44.03880"	1718.95	2008/12/16	from Kbugwe fund China 15
Tank	-02 16' 42.67156"	30 22' 48.39532"	1436.805	2009/1/23	Abiyunze/Jarama
Tank	-02 16' 44.56262"	30 40' 01.82784"	1638.44	2008/12/12	12-dec-08 .17
Tank	-02 16' 44.64439"	30 23' 51.35485"	1453.388	2009/1/23	Urukomo/Kibimba
Tank	-02 16' 47.15373"	30 22' 51.66235"	1429.595	2009/1/23	Rain water Tank/Aufatanye/Jarama
Tank	-02 16' 47.87129"	30 22' 52.34851"	1428.394	2009/1/23	Aufatanye/Jarama
Tank	-02 16' 51.36524"	30 24' 00.65653"	1452.186	2009/1/23	Akaziba/Kibimba
Tank	-02 16' 52.48804"	30 45' 42.64798"	1445.938	2009/1/29	Umunezero/Nyamugari/used/water from Mayizi SP
Tank	-02 16' 56.37275"	30 40' 09.59668"	1644.448	2008/12/12	12-dec-08 .16
Tank	-02 16' 59.08517"	30 42' 34.98725"	1686.506	2008/12/16	from Kabugwe fund China 14
Tank	-02 17' 00.09452"	30 45' 23.11639"	1401.958	2009/1/29	Ihuriro/Nyamugari
Tank	-02 17' 00.64944"	30 45' 40.09820"	1478.863	2009/1/29	Umunezero/Nyamugari
Tank	-02 17' 02.82384"	30 45' 24.11309"	1407.966	2009/1/29	Nyamugari primary school/Ihuriro/Nyamugari
Tank	-02 17' 13.02898"	30 43' 36.08504"	1480.785	2008/12/16	from Gasebura 11
Tank	-02 17' 16.74108"	30 42' 35.16134"	1668.962	2008/12/16	from gasarasi 04
Tank	-02 17' 39.84657"	30 46' 33.31758"	1418.54	2009/1/29	Nyabiyenzi/Bukora/60m3/IRC/1996
Tank	-02 17' 45.48051"	30 27' 09.27954"	1482.227	2009/1/30	Rwakaba/Kibare/50m3/not used from 1998
Tank	-02 18' 17.98818"	30 32' 45.17452"	1598.546	2008/12/8	Tanj 100m3
Tank	-02 18' 23.94651"	30 46' 35.83538"	1379.126	2009/1/29	Bugero/Bukoma/60m3/red cross
Tank	-02 18' 32.13174"	30 47' 11.93053"	1351.489	2009/1/29	Bukora HC/Bukora.Bukora/used
Tank	-02 18' 34.91658"	30 44' 35.69903"	1437.286	2008/12/11	from gashanga 2 13
Tank	-02 19' 04.05794"	30 44' 10.54104"	1416.137	2008/12/11	Tank for school 10
Tank	-02 19' 06.55340"	30 44' 18.50813"	1423.347	2008/12/11	from Gashanga 1 11
Tank	-02 19' 25.92867"	30 36' 12.20872"	1596.623	2008/12/10	from Tank
Tank	-02 19' 26.97996"	30 35' 26.41654"	1593.739	2008/12/10	from Tank
Tank	-02 19' 29.18786"	30 45' 02.90920"	1548.317	2008/12/11	from gashanga 2 16
Tank	-02 19' 36.69506"	30 37' 28.50823"	1784.319	2008/12/10	from Tank
Tank	-02 19' 39.05021"	30 47' 30.10934"	1388.98	2009/1/29	Nyamirama/Kagasa/60m3/1997IRC
Tank	-02 19' 47.08577"	30 37' 39.15692"	1803.305	2008/12/10	From Tank
Tank	-02 19' 48.94605"	30 36' 49.27064"	1732.649	2008/12/10	from Tank
Tank	-02 19' 50.79034"	30 36' 28.51942"	1700.445	2008/12/10	from Tank
Tank	-02 19' 53.32563"	30 37' 43.96436"	1805.948	2008/12/10	from Tank
Tank	-02 20' 01.92184"	30 42' 27.41429"	1458.194	2008/12/11	Tank small from Gashanga1 08
Tank	-02 20' 03.91760"	30 47' 39.46085"	1400.035	2009/1/29	Nyamirama/Kagasa/1966
Tank	-02 20' 08.16984"	30 48' 00.41335"	1420.463	2009/1/29	Rebero/Kagasa/not used
Tank	-02 20' 14.65895"	30 46' 54.60593"	1402.198	2009/1/29	Iyuze/Kagasa/7m3/not used
Tank	-02 20' 18.23678"	30 38' 15.91894"	1796.336	2008/12/10	From Tank
Tank	-02 20' 25.78803"	30 45' 21.38738"	1564.179	2008/12/11	18
Tank	-02 20' 28.56774"	30 38' 45.28180"	1806.91	2008/12/10	From Tank
Tank	-02 20' 38.25689"	30 47' 03.97522"	1406.524	2009/1/29	Mataba/Kagasa/once repaired by AGRO/not used/2007 water stopped
Tank	-02 20' 40.10570"	30 39' 00.91390"	1832.144	2008/12/10	Main Tank from SP
Tank	-02 20' 44.73694"	30 41' 43.52827"	1476.7	2008/12/15	from gashanga1 08
Tank	-02 20' 59.09021"	30 35' 41.62466"	1382.972	2008/12/11	11-dec-08 .17
Tank	-02 21' 01.49937"	30 46' 42.19230"	1391.624	2009/1/29	Mataba/Kagasa/once repaired by AGRO/not used/2007 water stopped
Tank	-02 21' 04.79899"	30 45' 30.79620"	1518.276	2008/12/11	Rame from gashanga 2 20
Tank	-02 21' 06.26911"	30 40' 59.46665"	1520.679	2008/12/15	from Gashanga1 01
Tank	-02 21' 25.75180"	30 36' 19.21259"	1418.781	2008/12/11	2008/12/11 11:58
Tank	-02 21' 29.07164"	30 31' 12.52988"	1541.107	2008/12/8	Tanksmall
Tank	-02 21' 32.49739"	30 46' 07.00360"	1405.563	2009/1/29	Murambi/Kiyanzi/not used/1968 constructed/2006 stopped
Tank	-02 21' 33.00372"	30 41' 00.74184"	1422.145	2008/12/15	from gashanga1 04

4.1 Données de localisation de tous les ouvrages (53/55)

Name	Latitude	Longitude	Alti	Date	Comments
Tank	-02 21' 50.57665"	30 40' 43.47908"	1395.949	2008/12/15	from Nyakagera 10
Tank	-02 21' 55.69038"	30 40' 20.30693"	1413.493	2008/12/15	from Nyakagera 13
Tank	-02 21' 57.71089"	30 37' 27.77711"	1369.514	2008/12/11	11-dec-08 .14
Tank	-02 22' 12.30194"	30 37' 51.33821"	1385.135	2008/12/11	2008/12/11 12:54
Tank	-02 22' 12.34358"	30 37' 51.48124"	1386.336	2008/12/15	from Nyamigano 31
Tank	-02 22' 12.67098"	30 39' 59.04090"	1426.711	2008/12/15	from Nyakagera 14
Tank	-02 22' 13.95069"	30 38' 21.05290"	1362.303	2008/12/15	from Nyamigono 28
Tank	-02 22' 22.54902"	30 39' 24.43878"	1474.537	2008/12/15	from Nyakagera 32
Tank	-02 22' 29.46208"	30 38' 37.80085"	1386.577	2008/12/15	from gashyunha 26
Tank	-02 22' 46.43634"	30 38' 56.57957"	1402.679	2008/12/15	from Gashyuha 22
Tank	-02 22' 56.85903"	30 46' 32.52428"	1361.102	2008/12/11	from gashanga 1 26
Tank	-02 22' 58.90639"	30 39' 19.07341"	1399.554	2008/12/15	from Gashyuha 18
Tank	-02 23' 00.58170"	30 46' 48.12859"	1356.776	2009/1/29	Kiyanzi/Kiyanzi/Amarengo hotel
Tank	-02 23' 00.74616"	30 46' 48.11984"	1350.047	2008/12/11	from gashanga 1 24
Tank	-02 23' 19.69174"	30 39' 06.63592"	1391.143	2008/12/15	from Gashyuha 20
Tnak	-01 41' 55.45748"	30 17' 38.78052"	1707.895	2009/12/7	Remera Butiruka Urushenyi 3m3
V Dam	-01 14' 22.28811"	30 27' 37.92121"	1310.633	2008/12/2	02-dec-08 7:56:39pm
Valve	-01 39' 21.83218"	30 14' 40.68974"	1565.381	2009/9/24	VB
VANTOL	-01 43' 48.05101"	30 20' 02.83556"	0	2009/12/7	REMERA KABUSHOBORA GUMINO 273 working
VB	-01 05' 29.84742"	30 24' 56.34241"	1387.298	2009/12/7	IMATIIMBA INTABWISTONGWEZI INTABWISTONGWEZI 1 600
VB	-01 10' 21.30843"	30 23' 47.71846"	1532.215	2009/12/7	MUSHERI KIJJOJO KAGWEGWE 721
VB	-01 16' 21.41058"	30 21' 22.73224"	1331.782	2009/12/7	Nyagatare Nsheke Kabare I 852
VB	-01 17' 02.29026"	30 19' 53.69650"	1324.332	2009/12/7	Nyagatare Barija Barija A
VB	-01 18' 24.08674"	30 20' 29.39305"	1471.893	2009/12/7	Nyagatare Barija kinihira 840
VB	-01 20' 29.74387"	30 12' 04.58046"	1510.826	2009/12/7	KARAMA GIKUNDAMVURA REBERO 776
VB	-01 20' 36.32621"	30 12' 12.14712"	1488.476	2009/12/7	KARAMA GIKUNDAMVURA REBERO 781
VB	-01 20' 36.55162"	30 10' 35.38481"	1518.276	2009/12/7	KARAMA KABUGA KABUGA CENTRE 753
VB	-01 20' 42.00210"	30 10' 31.03237"	1498.57	2009/12/7	KARAMA KABUGA KABUGA CENTRE 751
VB	-01 20' 42.05008"	30 10' 31.02362"	1496.166	2009/12/7	KARAMA KABUGA KABUGA CENTRE 788
VB	-01 20' 44.26461"	30 10' 32.47594"	1496.166	2009/12/7	KARAMA KABUGA KABUGA CENTRE 787
VB	-01 20' 48.13122"	30 11' 37.14155"	1547.116	2009/12/7	KARAMA KABUGA KABEZA 782
VB	-01 20' 56.12031"	30 11' 18.63654"	1520.439	2009/12/7	KARAMA KABUGA GIKUNDAMVURA CENTRE 770
VB	-01 20' 58.04335"	30 12' 40.69854"	1474.296	2009/12/7	KARAMA GIKUNDAMVURA GIKUNDAMVURA I 764
VB	-01 20' 59.90876"	30 10' 40.18562"	1481.747	2009/12/7	KARAMA KABUGA RUKAMBA 786
VB	-01 20' 59.92023"	30 10' 47.55522"	1460.117	2009/12/7	KARAMA KABUGA RUKAMBA 785
VB	-01 21' 33.36030"	30 11' 47.97373"	1451.946	2009/12/7	KARAMA KABUGA NYABUKONDE 783
VB	-01 21' 33.69615"	30 10' 11.01288"	1559.613	2009/12/7	KARAMA NDEGO KANYAMI 750
VB	-01 21' 48.22987"	30 09' 30.74666"	1538.224	2009/12/7	KARAMA NDEGO NDEGO CENTRE 795
VB	-01 22' 02.75061"	30 09' 09.09439"	1499.291	2009/12/7	KARAMA NDEGO KABABANDA 798
VB	-01 22' 58.55236"	30 09' 13.42386"	1544.232	2009/12/7	KARAMA NYAKIGA KABEZA 821
VB	-01 23' 12.63043"	30 10' 38.10446"	1492.802	2009/12/7	KARAMA NYAKIGA MABARE 812
VB	-01 23' 17.53988"	30 10' 13.88251"	1498.329	2009/12/7	KARAMA NYAKIGA KAVUMU 815
VB	-01 23' 18.13765"	30 09' 18.35233"	1521.4	2009/12/7	KARAMA NYAKIGA KABEZA 743
VB	-01 23' 19.52509"	30 09' 55.43028"	1497.128	2009/12/7	KARAMA NYAKIGA KAVUMU 816
VB	-01 23' 22.58300"	30 09' 48.97195"	1480.545	2009/12/7	KARAMA NYAKIGA KAVUMU 817
VB	-01 23' 31.29418"	30 07' 42.89207"	1655.263	2009/12/7	KIYOMBE TOVU GASHURO 738
VB	-01 25' 24.29266"	30 18' 47.31937"	1416.137	2009/12/7	Katabagemu Kanyeganyeye Kabeza 913
VB	-01 25' 51.54659"	30 12' 23.37851"	1460.598	2009/12/7	Mukama Gishororo Kabukunzi 039
VB	-01 26' 23.29023"	30 07' 15.11040"	1599.507	2009/6/2	Cyondo Junction
VB	-01 26' 51.97445"	30 11' 11.85472"	0	2009/3/1	MUKAMA KAGINA CYABAHURURA 606 In use
VB	-01 27' 22.78206"	30 15' 38.54430"	1425.75	2009/12/7	Mimuli Mimuli Rebero 962
VB	-01 27' 30.96518"	30 14' 27.05615"	1376.964	2009/12/7	Mimuli Bibare Karukwanzi I 973
VB	-01 28' 08.79298"	30 16' 23.19582"	1478.622	2009/12/7	Katabagemu Bayigaburire Gikandura 891
VB	-01 28' 15.11039"	30 13' 25.56008"	1445.697	2009/12/7	Mimuli Gakoma Nyarwina 993
VB	-01 28' 15.64418"	30 16' 26.87959"	1478.382	2009/12/7	Katabagemu Bayigaburire Gikandura 890
VB	-01 28' 16.98243"	30 17' 58.01456"	1491.84	2009/12/7	Katabagemu Katabagemu Kigarama 925
VB	-01 28' 21.54155"	30 16' 31.48759"	1477.901	2009/12/7	Katabagemu Bayigaburire Gikandura 889
VB	-01 28' 23.65349"	30 16' 33.21660"	1475.979	2009/12/7	Katabagemu Bayigaburire Gikandura 888
VB	-01 28' 26.00924"	30 17' 41.60486"	1463.241	2009/12/7	Katabagemu Katabagemu Kigarama 935
VB	-01 28' 30.23342"	30 08' 05.59140"	0	2009/3/2	KIYOMBE KABUNGO KABINDI 643 Collection Chamber In use
VB	-01 28' 31.62719"	30 17' 50.70080"	1482.468	2009/12/7	Katabagemu Katabagemu Kigarama 932
VB	-01 28' 31.72526"	30 17' 50.70322"	1481.747	2009/12/7	Katabagemu Katabagemu Kigarama 931
VB	-01 28' 41.43643"	30 17' 38.14444"	1480.304	2009/12/7	Katabagemu Katabagemu Kigarama 936
VB	-01 28' 44.06074"	30 08' 05.55281"	0	2009/3/2	KIYOMBE KABUNGO KABINDI 636 In use
VB	-01 28' 45.02543"	30 16' 33.31556"	1494.965	2009/12/7	Katabagemu Bayigaburire Gikandura 945
VB	-01 28' 47.37394"	30 17' 36.18006"	1477.661	2009/12/7	Katabagemu Katabagemu Kigarama 937
VB	-01 29' 22.46790"	30 16' 46.17761"	1474.296	2009/12/7	Katabagemu Bayigaburire Gikandura 939
VB	-01 29' 54.15843"	30 12' 58.39096"	1394.748	2009/12/7	NYAGIHANGANYAGITABIREPAR CHANCE550
VB	-01 29' 55.99427"	30 12' 57.91662"	1395.229	2009/12/7	NYAGIHANGANYAGITABIREPAR CHANCE549
VB	-01 29' 56.19795"	30 12' 57.26214"	1397.872	2009/12/7	NYAGIHANGANYAGITABIREPAR CHANCE547
VB	-01 30' 17.29319"	30 16' 13.17536"	1469.49	2009/2/24	NGARAMA KARAMBI RWAGIKARA 597
VB	-01 30' 23.84204"	30 16' 12.57370"	1481.987	2009/2/24	NGARAMA KARAMBI CYANKONDO
VB	-01 30' 39.18233"	30 15' 24.84551"	1570.427	2009/2/24	NRARAMA KARAMBI RUIZIRNYENZI 602
VB	-01 31' 11.21444"	30 13' 04.89425"	1456.272	2009/12/7	NYAGIHANGANYABITARENYAMIKAMBA559
VB	-01 32' 05.32217"	30 13' 35.76313"	1494.965	2009/12/7	NYAGIHANGAMAYANGEKAMATAMU575

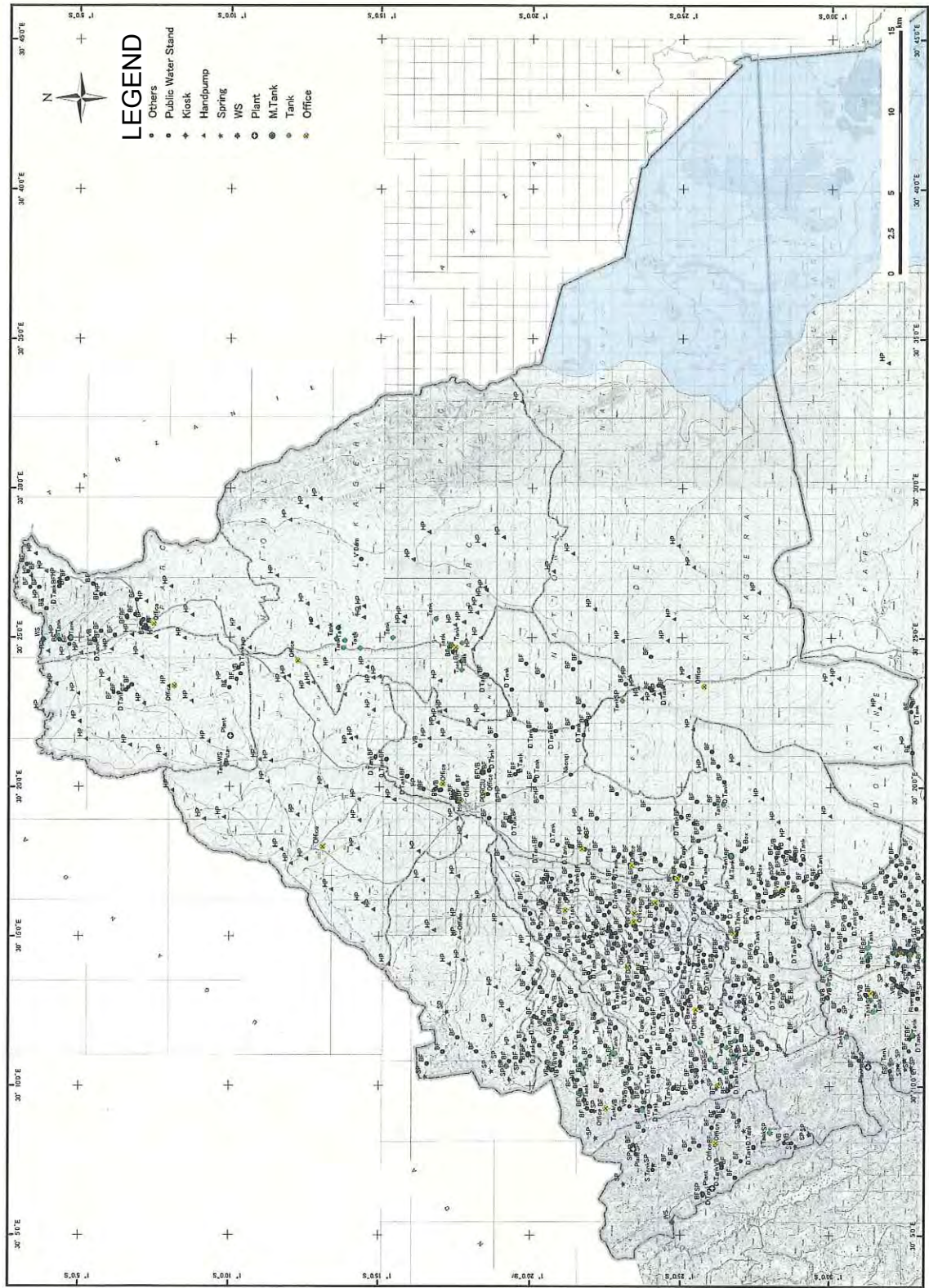
4.1 Données de localisation de tous les ouvrages (54/55)

Name	Latitude	Longitude	Alti	Date	Comments
VB	-01 32' 09.28534"	30 13' 32.24143"	1502.415	2009/12/7	NYAGIHANGAMAYANGEKAMATAMU574
VB	-01 32' 12.90119"	30 13' 24.17056"	1498.81	2009/12/7	NYAGIHANGAMAYANGEKAMATAMU573
VB	-01 32' 15.74366"	30 13' 21.57010"	1510.826	1989/12/31	NYAGIHANGANYABITAREKAMATAMU572
VB	-01 32' 17.09157"	30 13' 20.67629"	1510.105	2009/12/7	NYAGIHANGANYABITAREKAMATAMU571
VB	-01 32' 27.05259"	30 13' 13.99289"	1514.912	2009/9/24	VB
VB	-01 32' 31.07369"	30 13' 12.92138"	1512.028	2009/12/7	NYAGIHANGAMAYANGENYARUBUYE568
VB	-01 32' 34.62920"	30 13' 11.17574"	1510.105	2009/12/7	NYAGIHANGAMAYANGENYARUBUYE567
VB	-01 32' 38.63702"	30 13' 47.10223"	1479.824	2009/9/24	VB
VB	-01 32' 46.17349"	30 13' 05.00048"	1513.47	2009/12/7	NYAGIHANGA MAYANGE NYARUBUYE 566
VB	-01 32' 55.76849"	30 12' 56.47306"	1547.596	2009/9/24	VB
VB	-01 34' 32.61709"	30 12' 34.39260"	1512.509	2009/9/24	Rwobe VB
VB	-01 34' 33.61829"	30 12' 17.61570"	1542.069	2009/9/24	Rwobe VB
VB	-01 35' 02.24909"	30 12' 22.10029"	1553.604	2009/9/24	Rwobe VB
VB	-01 35' 20.74658"	30 15' 56.06806"	0	2009/12/7	GATSIBO NYABICWAMBA RYEBARE 379 Not in use
VB	-01 35' 51.39759"	30 18' 54.97322"	1475.258	2009/12/7	KABARORE MARIMBA KABARE 642
VB	-01 36' 04.94369"	30 11' 50.01688"	1706.453	2009/6/8	B.Box
VB	-01 36' 06.89781"	30 15' 40.82159"	1491.84	2009/12/7	GATSIBO MUGERA KIRARITSI 520
VB	-01 36' 09.74511"	30 16' 03.17420"	1474.537	2009/12/7	GATSIBO MUGERA KAYISHA 517
VB	-01 36' 11.03508"	30 16' 01.04689"	1467.567	2009/12/7	GATSIBO MUGERA KAYISHA 533
VB	-01 36' 15.17356"	30 16' 15.38839"	1455.551	2009/12/7	GATSIBO MUGERA KAYISHA 532
VB	-01 36' 15.75775"	30 16' 27.18286"	1461.319	2009/12/7	GATSIBO MUGERA KAYISHA 530
VB	-01 36' 17.30119"	30 19' 15.98700"	1401.958	2009/12/7	KABARORE MARIMBA KANTERI 640
VB	-01 36' 20.24052"	30 16' 43.79498"	1495.926	2009/12/7	GATSIBO MUGERA MUGERA 508
VB	-01 36' 59.82269"	30 19' 00.24719"	1482.468	2009/12/7	GITOKI KARUBUNGO KARUBUNGO VB 488
VB	-01 37' 02.54748"	30 19' 49.94519"	1473.335	2009/12/7	GITOKI KARUBUNGO NYARUGARAMA 503
VB	-01 37' 07.39929"	30 18' 21.41338"	1483.669	2009/12/7	Gitoki Rubira Nyakagarama 759
VB	-01 37' 08.72668"	30 18' 18.79448"	1484.63	2009/12/7	Gitoki Rubira Nyakagarama 758
VB	-01 37' 13.88206"	30 20' 17.12335"	1431.518	2009/12/7	GITOKI KARUBUNGO NYAGACYAMO 497
VB	-01 37' 14.53082"	30 20' 16.85479"	1432.72	2009/12/7	GITOKI KARUBUNGO NYAGACYAMO 498
VB	-01 37' 17.57636"	30 17' 28.83941"	1488.716	2009/12/7	Kageyo Busetza Nyarubuye 738
VB	-01 37' 52.40599"	30 20' 11.80201"	1445.938	2009/12/7	GITOKI KARUBUNGO GISHARARA 493
VB	-01 38' 32.14385"	30 19' 20.53614"	1493.042	2009/12/7	Gitoki Nyamirama Nyamuraza 744
VB	-01 38' 46.69507"	30 16' 37.78990"	1484.39	2009/12/7	KAGEYO BUSETSA CYABUHIMBIRI
VB	-01 38' 53.00856"	30 16' 31.36508"	1518.997	2009/12/7	KAGEYO BUSETSA CYABUHIMBIRI473
VB	-01 39' 58.93397"	30 14' 55.23464"	1593.499	2009/9/24	VB
VB	-01 40' 03.39200"	30 21' 27.78620"	1441.612	2009/12/7	Gitoki Cyabusheshe Nyarunazi 774
VB	-01 40' 31.93349"	30 25' 53.09710"	1363.986	2009/2/18	RUGARAMA KANYANGESE RUGAZI 405
VB	-01 41' 00.89139"	30 18' 14.16866"	1845.843	2009/9/25	VB
VB	-01 41' 13.87653"	30 18' 07.72877"	1802.103	2009/12/7	REMERA KIGABIRO 430
VB	-01 41' 15.49058"	30 18' 07.79242"	1794.894	2009/12/7	REMERA KIGABIRO KIGABIRO 432
VB	-01 41' 18.13179"	30 26' 02.04907"	1364.947	2009/2/18	RUGARAMA KANYANGESE AGAKIRE 403
VB	-01 41' 24.02614"	30 19' 06.48401"	1572.831	2009/12/7	REMERA NYAGAKOMBE 449
VB	-01 41' 29.41326"	30 17' 58.87334"	1716.307	2009/12/7	Rmera Butirika Akabuga 707
VB	-01 41' 30.38429"	30 18' 29.13660"	1699.243	2009/12/7	REMERA NYAGAKOMBE KARUFURI 436
VB	-01 41' 33.89754"	30 18' 15.69794"	1733.129	2009/12/7	REMERA NYAGAKOMBEKARUFURI 434
VB	-01 41' 34.87611"	30 19' 38.50255"	1522.122	2009/12/7	REMERA NYAGAKOMBE NYAMAREBE 447
VB	-01 41' 37.67061"	30 19' 50.46506"	1512.028	2009/12/7	REMERA NYAGAKOMBE NYAKANGA 446
VB	-01 41' 39.90717"	30 18' 17.41007"	1729.765	2009/12/7	REMERA BUTIRUKA RUSHENYI 433
VB	-01 42' 19.50110"	30 19' 28.34630"	1772.303	2009/12/7	REMERA NYAGAKOMBE KABABITO 439
VB	-01 42' 59.61705"	30 19' 08.33135"	1699.724	2009/12/7	Remera Rurenge Ryrenge 732
VB	-01 44' 35.88660"	30 21' 46.75291"	0	2009/12/7	KIZIGURO NDATEMWA IGORORA 201 In use
VB	-01 44' 38.10747"	30 26' 47.30410"	0	2009/12/7	KIZIGURO MBOGO AKABUYE 210 Not in use
VB	-01 44' 46.52746"	30 25' 43.38170"	0	2009/12/7	KIZIGURO MBOGO RYAMUHOZI 219 Good infrastructure
VB	-01 45' 18.72282"	30 21' 50.03294"	1487.514	2009/12/7	Kiziguro Ndatemwa Kanyonyomba 659
VB	-01 45' 20.78436"	30 22' 27.29978"	1568.986	2009/2/17	KIZIGURO NDATEMWA RUBUNGO363
VB	-01 45' 20.80307"	30 22' 27.23218"	1571.629	2009/12/7	Kiziguro Ndatemwa Rubungo 657
VB	-01 46' 20.02997"	30 23' 12.02582"	1577.878	2009/2/17	KIZIGURO AGAKOMEYE ISHANTI 382
VB	-01 46' 24.70073"	30 23' 29.76716"	1574.994	2009/2/17	KIZIGURO AGAKOMEYE UBUTATU 379
VB	-01 46' 26.35884"	30 24' 18.65131"	1564.419	2009/2/17	KIZIGURO AGAKOMEYE AGATOVU 374
VB	-01 46' 34.31505"	30 24' 02.75972"	1552.403	2009/2/17	KIZIGURO AGAKOMEYE AGAKOMEYE 376
VB	-01 46' 37.22360"	30 23' 55.74408"	1546.395	2009/2/17	KIZIGURO AGAKOMEYE AGATOVU 378
VB	-01 47' 35.38925"	30 24' 55.74676"	1538.464	2009/12/7	Kiziguro Rubona Nyagasambu 665
VB	-01 47' 35.38925"	30 24' 55.74676"	1538.464	2009/12/7	Kiziguro Rubona Nyagasambu 665
VB	-01 47' 47.94651"	30 25' 01.54848"	1558.411	2009/12/7	Kiziguro Rubona Nyagasambu 662
Village	-02 07' 04.72720"	30 46' 51.16962"	1603.593	2008/12/17	Nyagatoru 08
Well	-02 01' 45.69845"	30 23' 15.83272"	1425.029	2009/1/14	Deep well private 12
Well	-02 01' 48.66857"	30 23' 19.11966"	1426.231	2009/1/14	Deep well private 13
WS	-01 03' 49.26951"	30 24' 56.09981"	1298.617	2009/6/3	Water Source
WS	-01 09' 53.63265"	30 20' 46.31543"	1335.387	2009/6/3	Water Source
WS	-01 24' 43.75728"	30 05' 26.73229"	1694.917	2009/6/2	Ngoma Barrage
WS	-01 37' 17.19767"	30 17' 29.35903"	1484.63	2009/12/7	KAGEYO NYARUBUYE 462
WS	-01 37' 21.42607"	30 15' 41.81616"	1478.645	2009/6/18	Nyakagezi-1
WS	-01 38' 33.28959"	30 15' 25.08602"	1604.794	2009/6/18	Nkagera 2.0 l/sec
WS	-01 39' 30.71535"	30 15' 58.95698"	1676.172	2009/6/18	Kanina 26 l/min 19.39 ms/m 20.7
WS	-01 40' 04.21276"	30 14' 37.50266"	1706.453	2009/9/25	Nyakagezi 2
WS	-01 40' 04.36785"	30 14' 39.64117"	1612.485	2009/9/25	Nyakagezi 1
WS	-01 40' 25.66858"	30 17' 14.70581"	1604.073	2009/6/18	Gahama 26 l/min 14.51 ms/m 21.4

4.1 Données de localisation de tous les ouvrages (55/55)

Name	Latitude	Longitude	Alti	Date	Comments
WS	-01 41' 30.53003"	30 17' 29.12579"	1591.336	2009/9/25	Source & Pump
WS	-01 43' 21.99291"	30 15' 47.02795"	1685.545	2009/2/6	06.Gatare
WS	-01 43' 53.84036"	30 17' 51.49198"	1592.778	2009/2/6	40.Rwasama
WS	-01 45' 19.92227"	30 17' 58.82870"	1635.556	2009/6/4	Cyahafi-Bugarola source
WS	-01 45' 25.51035"	30 17' 58.15550"	1637.959	2009/2/3	27.Cyahafi
WS	-01 45' 25.59182"	30 17' 58.33262"	1638.44	2009/6/4	Cyahafi-Gakenhe source
WS	-01 46' 47.98606"	30 18' 45.93766"	1593.739	2009/2/3	.04Gasigati
WS	-01 47' 31.21637"	30 20' 59.43271"	1499.05	2009/1/22	29.Byimana
WS	-01 49' 44.97786"	30 30' 26.30776"	1470.691	2009/1/13	27 Cyatokue pump up
WS	-01 49' 45.18969"	30 33' 25.96396"	1456.031	2009/1/13	12 Nyabombe pump up
WS	-01 50' 43.13868"	30 35' 28.70743"	1419.261	2009/1/7	17.Rwazana ?
WS	-01 53' 01.81445"	30 16' 05.17238"	1467.808	2009/2/12	SP & Tank 2006
WS	-01 54' 39.87699"	30 31' 16.31712"	1470.211	2009/1/12	0. 2 Kazabanaza
WS	-01 54' 40.75145"	30 31' 17.63213"	1474.296	2009/9/23	Old well
WS	-01 54' 58.60591"	30 34' 01.03076"	1463.001	2008/12/22	.7Migera
WS	-01 55' 01.56335"	30 34' 10.81589"	1441.612	2008/12/22	22-dec-08 .05
WS	-01 55' 51.26224"	30 21' 19.26454"	1472.614	2009/1/14	SP 213 l/min 1978 43
WS	-01 56' 37.10870"	30 31' 29.98150"	1509.144	2008/12/31	02.Karongi
WS	-01 58' 04.21142"	30 33' 22.88826"	1549.759	2008/12/31	06.Gatare
WS	-01 58' 41.62673"	30 21' 05.12431"	1455.31	2009/1/20	Mugatare 253 l/min 02
WS	-01 58' 46.06304"	30 25' 23.39116"	1387.298	2008/12/4	Rwakibogo Source
WS	-02 01' 54.35170"	30 39' 15.18869"	1481.506	2008/12/23	10..Kanyetango.2
WS	-02 01' 57.33388"	30 39' 19.07554"	1511.307	2008/12/23	11.Kanyetango.1
WS	-02 03' 23.57058"	30 35' 49.96471"	1447.38	2008/12/22	26.Kabonobono(not work)
WS	-02 03' 56.71283"	30 38' 34.66597"	1480.304	2008/12/26	29.Nyabugogo
WS	-02 04' 25.45045"	30 39' 38.74590"	1560.814	2008/12/23	07.Gahama
WS	-02 05' 12.27458"	30 38' 33.20912"	1600.228	2008/12/26	26.Kamushikuzi 2
WS	-02 05' 14.66745"	30 38' 56.93957"	1652.379	2008/12/26	24.Kamushikuzi 1
WS	-02 05' 57.26649"	30 38' 57.74795"	1583.646	2008/12/24	06.Gikombe
WS	-02 06' 06.83645"	30 26' 36.19554"	1389.461	2009/1/5	Nyarovomo small source 17
WS	-02 07' 27.80251"	30 39' 07.10363"	1680.257	2009/1/15	Gasovo 76.4 l/min gravity 1976 19
WS	-02 07' 45.58727"	30 40' 09.25540"	1694.437	2008/12/18	Gikombe.33
WS	-02 08' 08.01593"	30 40' 27.36635"	1687.708	2008/12/18	Kabahimba1.29
WS	-02 08' 08.22293"	30 40' 28.17530"	1691.072	2008/12/18	Kabahimba2.30
WS	-02 08' 10.88315"	30 41' 18.67625"	1593.259	2008/12/17	Nyacyijima.32
WS	-02 08' 13.47819"	30 27' 22.34707"	1380.569	2009/1/5	Rwarutene 15
WS	-02 08' 14.48723"	30 42' 20.93540"	1587.25	2008/12/17	Kireranyana1.24
WS	-02 08' 26.24185"	30 42' 11.51968"	1617.051	2008/12/17	Kireranyana2.26
WS	-02 09' 19.72677"	30 45' 39.23248"	1628.587	2009/1/27	Kamusave SP/Rutunga/Nyarutunga/cemented
WS	-02 09' 23.66519"	30 04' 56.27500"	1375.041	2009/3/10	16.Rwakibirizi
WS	-02 09' 32.59333"	30 38' 48.02230"	1641.084	2009/1/15	Nyakayanja 1 53 l/min 2000 24
WS	-02 09' 33.91589"	30 38' 48.72685"	1644.208	2009/1/15	Nyakayanja 2 71.6/min 2000 25
WS	-02 10' 12.95219"	30 30' 58.15426"	1546.875	2009/1/21	SP Rwamugende1/Kabimba/Karama
WS	-02 10' 12.95219"	30 30' 58.15426"	1546.875	2009/1/22	SP Rwamugende1/Kabimba/Karama
WS	-02 10' 13.20415"	30 30' 53.42710"	1520.199	2009/1/21	SP Ruwamugende2/Kabimba/karama
WS	-02 10' 13.20415"	30 30' 53.42710"	1520.199	2009/1/22	SP Ruwamugende2/Kabimba/karama
WS	-02 10' 42.08390"	30 29' 50.17697"	1499.05	2009/1/21	water capture Tank/Umukamba/Umukamba
WS	-02 11' 32.86576"	30 30' 45.22406"	1543.511	2009/1/21	SP Nyamuhinali/Reboko/Gahuriro/cemented
WS	-02 11' 50.57840"	30 24' 50.62338"	1357.016	2009/1/13	Gisuma 270 l/min 27
WS	-02 11' 56.01530"	30 25' 27.13616"	1348.845	2009/1/20	Gaseta SP/Bukokoza/Nkanga/cemented
WS	-02 11' 57.47335"	30 25' 21.76806"	1345.961	2009/1/20	Rwahita SP/Bukokoza/Nkanga/cemented
WS	-02 14' 08.11507"	30 29' 46.77839"	1456.993	2009/1/22	Fagoma SP(cemented)/Kibimba/Kinyonzo
WS	-02 14' 08.35224"	30 29' 44.35264"	1453.147	2009/1/22	Pump station/Generator/Economat brought pumps 2008/Econodro brought a generator at 1982./pipe is not
WS	-02 14' 37.44744"	30 45' 57.13553"	1517.555	2009/9/30	Nyamugali
WS	-02 15' 36.66951"	30 44' 41.69144"	1509.865	2009/1/29	SP3
WS	-02 15' 36.80469"	30 44' 41.98776"	1508.183	2009/1/29	SP2
WS	-02 15' 37.43323"	30 44' 42.00799"	1505.779	2009/1/29	SP1/WS
WS	-02 15' 38.04940"	30 44' 42.26237"	1509.144	2009/9/29	Mayizi source
WS	-02 16' 07.30151"	30 44' 04.18772"	1496.647	2009/1/29	Ruhama/Gatana/Kigina sec
WS	-02 19' 42.46027"	30 35' 34.95574"	1467.567	2008/12/11	Nyamigano
WS	-02 19' 46.53327"	30 35' 43.90379"	1478.863	2008/12/11	Gahama
WS	-02 21' 51.81110"	30 35' 02.44957"	1413.253	2008/12/11	Nyabungo

4.2 Carte de localisation de l'ouvrage du district Nyagatare



4.3 Données de localisation de l'ouvrage du district Nyagatare (1/12)

Name	Latitude	Longitude	Alti	Date	Comments
BF	-01 25' 28.69457"	30 12' 33.73117"	1447.38	2009/12/7	Mukama Rugarama kibondo 036
BF	-01 26' 52.12894"	30 11' 30.85764"	0	2009/3/1	MUKAMA KAGINA CYABAHURURA 607 Working
BF	-01 26' 56.67207"	30 14' 00.72557"	1418.3	2009/12/7	Mimuli Mahoro Nyabugogo 979
BF	-01 26' 58.79517"	30 08' 50.59478"	1593.259	2009/12/7	KIYOMBE KAJUMBA NYANGE 826
BF	-01 25' 20.04073"	30 09' 57.38832"	1555.767	2009/12/7	GATUNDA NYANGARA MUGOMERO 895
BF	-01 27' 00.52751"	30 14' 43.00868"	1401.477	2009/12/7	Mimuli Mimuli Karukwanzi 961
BF	-01 24' 49.45851"	30 13' 42.27035"	1430.076	2009/12/7	GATUNDAKABEZA NYAMIRAMBO 937
BF	-01 27' 00.62377"	30 16' 12.89687"	1412.052	2009/12/7	Katabagemu Bayigaburire Ikorosi 896
BF	-01 27' 02.62526"	30 07' 29.39426"	1682.42	2009/3/1	KIYOMBE KABUNGO CYINDEGE 973
BF	-01 24' 49.84686"	30 15' 47.43108"	1418.3	2009/12/7	RUKOMO GAHORARA URUKUNDO 803
BF	-01 27' 03.11741"	30 11' 40.76466"	0	2009/3/1	MUKAMA KAGINA KAGANGA 610 Not Working
BF	-01 27' 05.38988"	30 13' 26.03266"	1478.142	2009/12/7	Mimuli Mahoro Rebro 978
BF	-01 27' 06.83948"	30 17' 56.83204"	1484.39	2009/12/7	Katabagemu Kigarama Kibuye 906
BF	-01 24' 51.33298"	30 07' 36.75875"	0	2009/3/1	KIYOMBE KARAMBO NYAKABUNGO 633
BF	-01 27' 06.89018"	30 12' 47.54945"	1433.441	2009/12/7	Mimuli Mahoro Cyambwana 987
BF	-01 27' 13.25345"	30 17' 18.29843"	1448.581	2009/12/7	Katabagemu Katabagemu Munanira 905
BF	-01 27' 18.64419"	30 11' 05.48182"	0	2009/3/1	MUKAMA KAGINA KIRERANYANA 613 Not Working
BF	-01 27' 20.40881"	30 13' 54.29712"	1414.214	2009/12/7	Mimuli Mahoro Mizero 980
BF	-01 27' 22.17434"	30 15' 38.07115"	1418.781	2009/12/7	Mimuli Mimuli Rebero 963
BF	-01 24' 53.60424"	30 12' 24.16486"	1464.924	2009/12/7	GATUNDARWENSHEKE NYIRABURU NGA 922
BF	-01 24' 55.72493"	30 15' 14.73422"	1407.005	2009/12/7	RUKOMO GAHORARA ISANGANO 804
BF	-01 24' 56.00887"	30 17' 02.61143"	1392.825	2009/12/7	NYAGATARECYABAYAGA CYABAYAGA 762
BF	-01 27' 28.35928"	30 16' 39.30859"	1418.3	2009/12/7	Katabagemu Bayigaburire Agasasa 897
BF	-01 24' 59.76081"	30 17' 22.41852"	1376.723	2009/12/7	NYAGATARE CYABAYAGA CYABAYAGA 765
BF	-01 25' 44.35291"	30 16' 37.08984"	1381.049	2009/12/7	NYAGATARECYABAYAGA KAMONYI 760
BF	-01 25' 48.33780"	30 13' 07.68605"	1412.292	2009/12/7	Mukama Rugarama Kirera nyana 015
BF	-01 25' 49.16579"	30 16' 06.64072"	1404.842	2009/12/7	Mimuli Rugari Isangano 950
BF	-01 25' 49.48927"	30 17' 41.85532"	1402.198	2009/12/7	NYAGATARE CYABAYAGA URUGERO 766
BF	-01 26' 21.73049"	30 07' 24.04063"	1610.082	2009/3/1	KIYOMBEKABUNGO CYONDO 977
BF	-01 27' 29.77599"	30 13' 29.23057"	1425.75	2009/12/7	2/28/2009
BF	-01 25' 55.32539"	30 15' 59.98957"	1399.074	2009/12/7	Mimuli Rugari Nteko 951
BF	-01 25' 58.46116"	30 10' 52.56214"	0	2009/3/1	MUKAMA KAGINA NYAGATARE 624 Not Working
BF	-01 26' 23.00659"	30 11' 22.03210"	0	2009/3/1	MUKAMA KAGINA NYAKAGARAMA 601 Not Working
BF	-01 26' 23.13604"	30 07' 19.00052"	1597.104	2009/3/1	KIYOMBE KABUNGO CYONDO 966
BF	-01 26' 24.16862"	30 19' 26.32609"	1495.445	2009/12/7	Katabagemu Nyakigando Kaduha II 923
BF	-01 27' 30.94557"	30 14' 27.04528"	1389.941	2009/12/7	Mimuli Bibare Karukwanzi I 972
BF	-01 27' 33.12540"	30 12' 42.66324"	1434.642	2009/12/7	Mimuli Mahoro Cyambwana BF
BF	-01 27' 35.56142"	30 11' 04.86380"	0	2009/3/1	MUKAMA. KAGINA KIRERANYANA 615 Not Working
BF	-01 27' 36.72013"	30 11' 29.42858"	0	2009/3/1	MUKAMA KAGINA KAGANGA 611 Not Working
BF	-01 27' 46.00976"	30 16' 11.70343"	1451.946	2009/12/7	Katabagemu Bayigaburire Nyagahandagaza 894
BF	-01 27' 53.96566"	30 11' 15.21503"	0	2009/3/1	MUKAMA KAGINA KIRERANYANA 616 Not Working
BF	-01 28' 01.44389"	30 16' 20.60893"	1487.514	2009/12/7	Katabagemu Bayigaburire Nyagahandagaza 892
BF	-01 28' 02.52627"	30 14' 11.48503"	1389.941	2009/12/7	Mimuli Bibare Bibare 970
BF	-01 28' 05.66204"	30 16' 58.26745"	1422.866	2009/12/7	Katabagemu Bayigaburire Agasasa 899
BF	-01 28' 10.83582"	30 17' 59.39174"	1491.6	2009/12/7	Katabagemu Kigarama Kigarama 933
BF	-01 28' 11.34849"	30 16' 58.13861"	1414.935	2009/12/7	Katabagemu Bayigaburire Agasasa 900
BF	-01 28' 12.22658"	30 13' 23.27830"	1431.518	2009/12/7	Mimuli Gakoma Kumusaraba 992
BF	-01 28' 12.38439"	30 17' 39.04634"	1472.374	2009/12/7	Katabagemu Katabagemu Kigarama 934
BF	-01 28' 25.65921"	30 16' 35.31677"	1469.49	2009/12/7	Katabagemu Bayigaburire Gikandura 886
BF	-01 28' 27.18817"	30 16' 35.27483"	1481.987	2009/12/7	Katabagemu Bayigaburire Gikandura 887
BF	-01 28' 34.72374"	30 12' 51.28628"	1467.087	2009/12/7	Mimuli Gakoma Nyarwina 995
BF	-01 26' 25.41122"	30 09' 09.42541"	1559.613	2009/3/1	KIYOMBE KARUJUMBAKAGOROGOGORO 982
BF	-01 26' 48.01551"	30 10' 59.30198"	0	2009/3/1	MUKAMA KAGINA CYABAHURURA 603 Not Working
BF	-01 26' 25.97036"	30 20' 10.23022"	1444.736	2009/12/7	Katabagemu Nyakigando Nyakigando 920
BF	-01 28' 36.62928"	30 16' 59.56709"	1430.557	2009/12/7	Katabagemu Bayigaburire Bingaro 901
BF	-01 28' 38.07496"	30 12' 49.83912"	1469.73	2009/12/7	Mimuli Gakoma Nyarwina 996
BF	-01 28' 45.84408"	30 15' 20.31689"	1472.614	2009/12/7	Mimuli Bibare Isangano 965
BF	-01 28' 49.23301"	30 17' 44.31397"	1494.965	2009/12/7	Katabagemu Rugazi Akabira 930
BF	-01 28' 53.85580"	30 16' 33.62124"	1491.84	2009/12/7	Katabagemu Bayigaburire Gikandura 944
BF	-01 28' 58.15421"	30 14' 42.88315"	1451.225	2009/12/7	Mimuli Bibare Nyamafure 966
BF	-01 29' 07.20485"	30 16' 51.71862"	1444.976	2009/12/7	Katabagemu Katabagemu Gashenyi 938
BF	-01 29' 31.30128"	30 16' 59.62865"	1504.337	2009/12/7	Katabagemu Rugazi Ishyirahamwe 940
BF	-01 29' 32.20592"	30 16' 41.12483"	1447.62	2009/12/7	Katabagemu Bayigaburire Byimana 942
BF	-01 25' 44.58163"	30 06' 24.13480"	1674.73	2009/3/1	KIYOMBE KABUNGO BITARE 968
BF	-01 25' 58.91438"	30 14' 01.47934"	1432.72	2009/12/7	Mukama Bufunda Rebero 006
BF	-01 26' 00.75052"	30 21' 11.15957"	1412.292	2009/12/7	Katabagemu Nyakigando Rebero 919
BF	-01 26' 03.09964"	30 08' 35.70047"	1563.218	2009/3/1	KIYOMBE KARUJUMBA CYENZIZE 979

4.3 Données de localisation de l'ouvrage du district Nyagatare (2/12)

Name	Latitude	Longitude	Alti	Date	Comments
BF	-01 26' 03.80724"	30 15' 54.86828"	1410.85	2009/12/7	Mimuli Rugari Nteko 952
BF	-01 26' 04.58665"	30 15' 56.21350"	1403.64	2009/12/7	Mimuli Rugari Ubumwe 954
BF	-01 25' 37.93260"	30 07' 59.56612"	0	2009/3/1	KIYOMBE KARAMBO NYABWUNGURUKA 635 Working
BF	-01 26' 29.48030"	30 11' 45.43148"	1456.993	2009/12/7	Mukama Gishororo Akinyambo 042
BF	-01 26' 06.97922"	30 19' 26.56297"	1475.498	2009/12/7	Katabagemu Kaduha Kaduha I 921
BF	-01 26' 42.96182"	30 10' 19.57832"	1576.676	2009/12/7	GATUNDA NYANGARA BUGARAMA 907
BF	-01 26' 08.08693"	30 09' 06.58264"	1570.187	2009/3/1	KIYOMBE KARUJUMBA KAGOROGORO 981
BF	-01 25' 38.39609"	30 11' 26.57040"	0	2009/3/1	MUKAMA KAGINA NYAKAGARAMA 626 Not Working
BF	-01 25' 40.68093"	30 18' 38.10366"	1404.601	2009/12/7	Katabagemu Kanyeganyeye Kabaya 911
BF	-01 30' 53.66294"	30 10' 58.62608"	0	2009/3/1	MUKAMA GIHENERI GIHENERI 619 Not Working
BF	-01 24' 33.21117"	30 11' 40.19978"	1489.917	2009/12/7	GATUNDA RWENSHEKE RWENSHEKE 919
BF	-01 24' 31.39072"	30 15' 55.62238"	1445.938	2009/12/7	RUKOMO GAHORARARAMBURA 801
BF	-01 25' 00.12019"	30 18' 59.12982"	1460.598	2009/12/7	Katabagemu Kanyeganyeye Kabeza 914
BF	-01 24' 32.44201"	30 12' 55.75370"	1426.711	2009/12/7	GATUNDA NYAMIKAMBA GITOVU 931
BF	-01 26' 08.49339"	30 15' 56.26750"	1422.145	2009/12/7	Mimuli Rugari Nteko 953
BF	-01 26' 09.55494"	30 08' 01.46288"	1558.652	2009/3/1	KIYOMBE KARUJUMBA KARUJUMBA 978
BF	-01 26' 11.30357"	30 14' 21.19409"	1411.331	2009/12/7	Mukama Bufunda Bitabo 010
BF	-01 25' 40.91056"	30 18' 38.11334"	1403.88	2009/12/7	Katabagemu Kanyeganyeye Kabeza 912
BF	-01 25' 41.27839"	30 16' 17.07395"	1379.848	2009/12/7	Mimuli Rugari Isangano 943
BF	-01 26' 12.99457"	30 12' 28.68354"	1409.167	2009/12/7	Mukama Gishororo Kabeza 043
BF	-01 26' 35.34659"	30 15' 28.26857"	1405.803	2009/12/7	Mimuli Rugari Ubumwe 957
BF	-01 26' 46.16790"	30 13' 22.15304"	1413.013	2009/12/7	Mimuli Mahoro Shenga I
BF	-01 26' 13.06307"	30 08' 58.94689"	1542.55	2009/3/1	KIYOMBE KARUJUMBA KAGOROGORO 980
BF	-01 26' 37.03820"	30 09' 50.57122"	1608.399	2009/12/7	GATUNDA NYANGARA RYANYABUGWENDE 904
BF	-01 26' 13.09415"	30 15' 39.55727"	1402.198	2009/12/7	Mimuli Rugari Ubumwe 955
BF	-01 26' 14.02444"	30 20' 41.54384"	1440.17	2009/12/7	Katabagemu Nyakigando Rebero 918
BF	-01 26' 14.26282"	30 11' 59.48725"	1427.432	2009/12/7	Mukama Gishororo Kabukunzi 041
BF	-01 26' 14.31834"	30 09' 59.58536"	1587.491	2009/12/7	GATUNDA NYANGARA RYANYABUGWENDE 899
BF	-01 26' 19.29116"	30 14' 38.57449"	1375.041	2009/12/7	Mukama Bufunda Bufunda 011
BF	-01 26' 39.96908"	30 12' 57.02044"	1431.518	2009/12/7	Mimuli Mahoro Shenga I 976
BF	-01 25' 30.65533"	30 19' 30.98449"	1475.017	2009/12/7	Katabagemu Kaduha Kanyinya 916
BF	-01 26' 40.67427"	30 10' 00.83975"	1604.073	2009/12/7	GATUNDA NYANGARA CENTRE MUHAMBO 905
BF	-01 26' 41.69357"	30 17' 40.15982"	1515.152	2009/12/7	Katabagemu Kigarama Kanguka 908
BF	-01 24' 30.62398"	30 15' 05.22220"	1418.781	2009/12/7	GATUNDA KABEZAIREBERO 945
BF	-01 28' 51.46716"	30 11' 51.06876"	1456.993	2009/6/3	BF
BF	-01 26' 50.42195"	30 06' 55.47744"	1667.52	2009/3/1	GATUNDA NYARUREMA KABEZA 974
BF	-01 26' 51.51579"	30 15' 03.73882"	1380.809	2009/12/7	Mimuli Rugari Urumuri 959
BF	-01 25' 17.70700"	30 16' 44.94166"	1391.383	1989/12/31	NYAGATARECYABAYAGA KAMONYI 759
BF	-01 25' 22.31983"	30 10' 30.45785"	1546.635	2009/12/7	GATUNDA CYAGAJUHANGANYUNDO 910
BF	-01 24' 33.08986"	30 15' 18.13766"	1450.504	2009/12/7	RUKOMO GAHORARA RUYONZA 800
BF	-01 25' 02.35706"	30 14' 27.27370"	1417.819	2009/12/7	GATUNDA KABEZA MUYENJI 940
BF	-01 25' 31.42871"	30 10' 07.00687"	1557.931	2009/12/7	GATUNDA NYANGARA RAMIRO 896
BF	-01 25' 04.45753"	30 09' 46.36818"	1550.961	2009/12/7	GATUNDA NYARUREMA KABEZA 894
BF	-01 24' 37.29322"	30 07' 24.61156"	0	2009/3/1	KIYOMBE KARAMBO KINOVA 632 Working
BF	-01 25' 31.79534"	30 10' 54.26098"	1530.533	2009/12/7	GATUNDA CYAGAJU IRAMIRO 911
BF	-01 29' 01.22450"	30 17' 25.69279"	1501.934	2009/9/23	BF
BF	-01 25' 32.45436"	30 10' 31.54537"	1556.008	2009/12/7	GATUNDA CYAGAJU IRAMIRO 908
BF	-01 25' 22.62249"	30 16' 17.31414"	1369.514	2009/12/7	Mimuli Rugari Isangano 947
BF	-01 25' 25.08325"	30 14' 04.33118"	1396.19	2009/12/7	Mukama Bufunda Nyakajeje 003
BF	-01 25' 15.79573"	30 12' 51.82373"	1467.567	2009/12/7	Mukama Rugarama Kieranyana 019
BF	-01 25' 18.72571"	30 11' 23.48563"	1491.84	2009/12/7	GATUNDA CYAGAJU KIBISABO 913
BF	-01 25' 08.19468"	30 12' 45.17287"	1448.101	2009/12/7	Mukama Rugarama Byimana 020
BF	-01 24' 46.06052"	30 16' 57.87458"	1364.947	2009/12/7	NYAGATARECYABAYAGA CYABAYAGA 758
BF	-01 25' 33.78205"	30 18' 12.47616"	1369.994	2009/12/7	NYAGATARECYABAYAGA URUGERO 767
BF	-01 26' 19.46346"	30 14' 38.72900"	1376.002	2009/12/7	Mukama Bufunda Kibihanga 012
BF	-01 26' 20.74710"	30 10' 30.46933"	0	2009/3/1	MUKAMA KAGINA NYAGATARE 623 Temporal Working
BF	-01 25' 37.91902"	30 12' 39.00906"	1428.634	2009/12/7	Mukama Rugarama Kibondo 037
BF	-01 25' 12.57366"	30 13' 12.24574"	1419.261	2009/12/7	Mukama Rugarama Byimana 016
BF	-01 25' 27.83459"	30 14' 37.78933"	1404.601	2009/12/7	Mukama Bufunda Nyakajeje 013
BF	-01 24' 46.65376"	30 09' 56.79450"	1549.279	2009/3/1	GATUNDA NYARUREMA KABEZA 964
BF	-01 25' 19.06487"	30 07' 52.05378"	0	2009/3/1	KIYOMBE KARAMBO RWIMISAVE 634 Not Working
BF	-01 03' 15.97911"	30 27' 26.74746"	1291.167	2009/12/7	MATIMBA KAGITUMBA KAGITUMBA 663
BF	-01 03' 18.84481"	30 27' 12.56980"	1295.012	2009/12/7	MATIMBA KAGITUMBA MUVUMBA 664
BF	-01 03' 23.24944"	30 26' 40.68794"	1294.291	2009/12/7	MATIMBA KAGITUMBA NZIRANZIRA 665
BF	-01 03' 40.90293"	30 26' 40.86809"	1299.097	2009/12/7	MATIMBA KAGITUMBA GISHARA 666
BF	-01 03' 54.58330"	30 25' 57.96610"	1318.324	2009/12/7	MATIMBA KIMBOGO BYIMANA 678
BF	-01 04' 19.11335"	30 26' 50.66196"	1326.975	2009/12/7	MATIMBA KIMBOGO KIYOVU 670
BF	-01 04' 20.23133"	30 24' 55.31587"	1342.356	2009/12/7	MATIMBA RWENTANGA MITAYAYO I 681

4.3 Données de localisation de l'ouvrage du district Nyagatare (3/12)

Name	Latitude	Longitude	Alti	Date	Comments
BF	-01 04' 33.74181"	30 26' 56.93230"	1326.975	2009/12/7	MATIMBA KANYONZA NYAMPEKE 673
BF	-01 04' 35.98018"	30 26' 57.65708"	1328.898	2009/12/7	MATIMBA KANYONZA NYAMPEKE 672
BF	-01 04' 40.06163"	30 24' 46.29629"	1368.552	2009/12/7	MATIMBA RWENTANGA RWENTANGA 682
BF	-01 05' 27.28045"	30 26' 47.54670"	1335.147	2009/12/7	MATIMBA KANYONZA NYAMPEKE 674
BF	-01 05' 30.42225"	30 24' 54.76036"	1383.212	2009/12/7	MATIMBA NYABWISHONGWEZI NYABWISHONGWEZI I 690
BF	-01 05' 31.87940"	30 24' 53.06062"	1376.243	2009/12/7	MATIMBA RWENTANGA NYABWISHONGWEZI NYABWISHONGWEZI I 689
BF	-01 05' 43.22273"	30 25' 12.41836"	1395.229	2009/12/7	MATIMBA NYABWISHONGWEZI NYABWISHONGWEZI I 693
BF	-01 05' 43.46171"	30 26' 26.32985"	1350.287	2009/12/7	MATIMBA KANYONZA GAKOMA 675
BF	-01 06' 08.72138"	30 23' 09.53581"	1429.595	2009/12/7	MUSHERI NYAMIYONGA ISANGANO 730
BF	-01 06' 10.56627"	30 25' 04.73012"	1346.202	2009/12/7	MATIMBA NYABWISHONGWEZI NYABWISHONGWEZI I 694
BF	-01 06' 17.23522"	30 23' 08.52889"	1444.976	2009/12/7	MUSHERI NYAMIYONGA SHIRIMPUMPU 731
BF	-01 06' 34.11503"	30 25' 43.23716"	1402.198	2009/12/7	MATIMBA BYIMANA KABUGA 696
BF	-01 06' 34.71551"	30 25' 39.91159"	1398.833	2009/12/7	MATIMBA BYIMANA KABUGA 695
BF	-01 06' 37.26166"	30 23' 19.75754"	1464.683	2009/12/7	MUSHERI KIBIRIZI KABUNGO 728
BF	-01 06' 43.61950"	30 23' 24.34171"	1450.264	2009/12/7	MUSHERI KIBIRIZI KABUNGO 727
BF	-01 06' 50.50420"	30 25' 45.81044"	1385.856	2009/12/7	MATIMBA BYIMANA BYIMANA I 697
BF	-01 06' 53.47672"	30 26' 15.55411"	1347.403	2009/12/7	MATIMBA MATIMBA MATIMBA V 698
BF	-01 07' 01.65773"	30 25' 28.42975"	1375.522	2009/12/7	MATIMBA MATIMBA MATIMBA IV 703
BF	-01 07' 06.30254"	30 25' 35.56247"	1381.29	2009/12/7	MATIMBA MATIMBA MATIMBA IV 704
BF	-01 07' 07.54937"	30 25' 18.47536"	1376.483	2009/12/7	MATIMBA MATIMBA MATIMBA III 702
BF	-01 07' 11.25937"	30 25' 24.60540"	1384.414	2009/12/7	MATIMBA MATIMBA MATIMBA II 699
BF	-01 07' 12.80130"	30 25' 16.34383"	1378.886	2009/12/7	MATIMBA MATIMBA MATIMBA III 700
BF	-01 07' 14.56291"	30 25' 17.95634"	1385.615	2009/12/7	MATIMBA MATIMBA MATIMBA II. 701
BF	-01 09' 59.10879"	30 23' 19.31428"	1470.211	2009/12/7	MUSHERI KIJOGO KAGWEGWE 723
BF	-01 10' 13.70104"	30 23' 36.74386"	1495.205	2009/12/7	MUSHERI KIJOGO KAGWEGWE 722
BF	-01 14' 52.15789"	30 20' 59.38958"	1364.226	2009/12/7	Nyagatare Nsheke Kabare I 854
BF	-01 15' 14.41154"	30 20' 55.36183"	1366.149	2009/12/7	Nyagatare Nsheke Kabare I 853
BF	-01 15' 55.28760"	30 20' 20.89730"	1375.281	2009/12/7	Nyagatare Nsheke Nsheke 857
BF	-01 16' 28.24910"	30 19' 55.42432"	1334.666	2009/12/7	Nyagatare Nsheke Nsheke 859
BF	-01 16' 36.29161"	30 10' 43.79455"	0	2009/12/7	TABAGWE GISHURO NYAGATARE 586 Not working
BF	-01 16' 50.96081"	30 19' 55.22938"	1313.036	2009/12/7	Nyagatare Barija Barija B
BF	-01 16' 59.63849"	30 19' 53.55408"	1323.851	2009/12/7	Nyagatare Barija Barija A 863
BF	-01 17' 07.40308"	30 11' 07.29712"	0	2009/12/7	TABAGWE GISHURO KAYANJA 585 Not working
BF	-01 17' 24.91898"	30 24' 31.11653"	0	2009/12/7	RWIMIYAGA NYARUPFUBIRE NYARUPFUBIRE I 510 Temporarily working
BF	-01 17' 26.54842"	30 19' 50.15096"	1408.927	2009/12/7	NYAGATARE NYAGATARE NYAGATARE I 788
BF	-01 17' 26.71227"	30 19' 41.64254"	1457.714	2009/12/7	NYAGATARE NYAGATARE NYAGATARE I 786
BF	-01 17' 28.72343"	30 24' 34.30300"	0	2009/12/7	RWIMIYAGA GACUNDEZI BUGARARAGARA 503 Not working
BF	-01 17' 30.61871"	30 19' 46.52785"	1367.591	2009/12/7	NYAGATARE NYAGATARE NYAGATARE 787
BF	-01 17' 31.88967"	30 19' 37.69658"	1434.402	2009/12/7	NYAGATARE NYAGATARE NYAGATARE I 785
BF	-01 17' 33.81181"	30 19' 30.25607"	1457.473	2009/12/7	NYAGATARE NYAGATARE NYAGATARE I 789
BF	-01 17' 36.44819"	30 11' 36.72848"	0	2009/12/7	TABAGWE GISHURO KABOROGOTA 584 Not working
BF	-01 17' 41.02511"	30 24' 12.36467"	0	2009/12/7	RWIMIYAGA NYARUPFUBIRE NYARUPFUBIRE II 509 Not working
BF	-01 17' 46.12376"	30 20' 06.66082"	1402.198	2009/12/7	Nyagatare Barija Kinyihira 843
BF	-01 18' 13.68154"	30 11' 08.51377"	0	2009/12/7	TABAGWE NYAGATOMA KABUSUNZU Not working
BF	-01 18' 24.28619"	30 20' 29.34416"	1470.932	2009/12/7	Nyagatare Barija Kinyihira 839
BF	-01 18' 27.69414"	30 23' 46.15512"	1388.499	2009/12/7	NYAGATARE KAMAKIRI KARUNG 793
BF	-01 18' 36.25233"	30 20' 32.84326"	1457.473	2009/12/7	Nyagatare Barija Kinyihira 842
BF	-01 18' 36.85190"	30 18' 57.46082"	1470.451	2009/12/7	NYAGATARE NYAGATARE MIRAMA II 784
BF	-01 18' 49.24894"	30 21' 42.93972"	1373.839	2009/12/7	NYAGATARE RUTARAKAMUGARI 738
BF	-01 19' 03.54458"	30 17' 37.98992"	1359.179	2009/12/7	RUKOMO RURENGE AKAJUKA 885
BF	-01 19' 05.01802"	30 19' 41.95668"	1346.682	2009/12/7	NYAGATARE RUTARAKA GIHORUBWA 726 Working
BF	-01 19' 12.31249"	30 10' 39.60386"	0	2009/12/7	TABAGWE MOSHONGA GIKOBA 582 Working
BF	-01 19' 16.76539"	30 18' 53.28706"	1442.813	2009/12/7	NYAGATARE NYAGATARE MIRAMA II 780
BF	-01 19' 18.25391"	30 18' 58.29818"	1434.162	2009/12/7	NYAGATARE NYAGATARE NYAGATARE I 782
BF	-01 19' 18.85922"	30 10' 48.73840"	0	2009/12/7	TABAGWE SHONGA GIKOBA 578 Working
BF	-01 19' 21.00405"	30 18' 50.80187"	1456.993	2009/12/7	NYAGATARE NYAGATARE MIRAMA 783
BF	-01 19' 26.51760"	30 22' 16.74221"	1469.25	2009/12/7	NYAGATARE RUTARAKAMUGARI 739
BF	-01 19' 28.53479"	30 20' 25.69722"	1375.522	2009/12/7	NYAGATARE RUTARAKA GIHORUBWA 730
BF	-01 19' 34.56868"	30 20' 31.73971"	1375.522	2009/12/7	NYAGATARE RUTARAKAMUGARI 730
BF	-01 19' 41.24172"	30 10' 48.69977"	0	2009/12/7	TABAGWE MOSHONGA MOSHONGA 580 Not working
BF	-01 19' 45.32800"	30 16' 46.23647"	1399.074	2009/12/7	RUKOMORURENGE BENISHYAKA 884
BF	-01 19' 47.03529"	30 13' 46.63967"	0	2009/12/7	TABAGWE NYAGATOMA GASONGERO 577 Not working
BF	-01 19' 49.24862"	30 11' 32.12138"	1487.274	2009/12/7	KARAMA KABUGA RWUBUZIZI 756

4.3 Données de localisation de l'ouvrage du district Nyagatare (4/12)

Name	Latitude	Longitude	Alti	Date	Comments
BF	-01 19' 49.54584"	30 24' 07.64867"	1463.722	2009/12/7	NYAGATARE KAMAGIRI KAMAGIRI 791
BF	-01 19' 50.35694"	30 16' 10.56223"	1392.585	2009/12/7	RUKOMO MUSENYI AMAHORO 869
BF	-01 19' 54.91455"	30 13' 15.62473"	0	2009/12/7	TABAGWE NYAGATOMA GASONGERO 575 Not Working
BF	-01 19' 55.44562"	30 11' 04.41211"	1523.563	2009/12/7	KARAMA KABUGA RWUBUZIZI 754
BF	-01 19' 55.47459"	30 11' 04.40034"	0	2009/12/7	TABAGWE SHONGA MOSHONGA 579 Not
BF	-01 19' 58.84573"	30 15' 45.52193"	1383.693	2009/12/7	RUKOMO MUSENYI868 AMIZERO
BF	-01 20' 05.61274"	30 21' 54.42127"	1468.288	2009/12/7	NYAGATARERUTARAKAMUGARI 737
BF	-01 20' 07.29076"	30 20' 13.00960"	1396.911	2009/12/7	NYAGATARE RUTARAKA GIHORUBWA 727 Not in use
BF	-01 20' 07.58436"	30 12' 18.72886"	1453.868	2009/12/7	KARAMA KABUGA NYAMIRAMA 758
BF	-01 20' 15.26054"	30 15' 18.59663"	1391.864	2009/12/7	RUKOMO MUSHENYI AMIZERO 867
BF	-01 20' 17.32360"	30 18' 02.88450"	1388.259	2009/12/7	NYAGATARE BUSHOGA CYONYO 775
BF	-01 20' 17.76234"	30 11' 20.50858"	1492.321	2009/12/7	KARAMA KABUGA NYAMIRAMA 757
BF	-01 20' 18.58038"	30 13' 17.67180"	1427.673	2009/12/7	KARAMA KGIKUNDAMVURA URUGWIRO 761
BF	-01 20' 20.32358"	30 19' 40.03784"	1370.715	2009/12/7	NYAGATARE RUTARAKA NCONJE 731
BF	-01 20' 21.84681"	30 23' 42.94511"	1359.66	2009/12/7	NYAGATAREYRABEGAMARONGERO I 747
BF	-01 20' 24.99676"	30 16' 55.51100"	1401.958	2009/12/7	RUKOMORURENGE KABEZA 883
BF	-01 20' 26.70224"	30 15' 58.29556"	1456.272	2009/12/7	RUKOMO MUSHENYI AKAMASHEKA 873
BF	-01 20' 29.51394"	30 22' 35.39629"	1396.911	2009/12/7	NYAGATARERYABEGA MARONGERO II 746
BF	-01 20' 30.97168"	30 14' 48.65107"	1379.607	2009/12/7	RUKOMO NYANGARAMA NYANGARAMA 860
BF	-01 20' 33.24204"	30 13' 00.28747"	1429.355	2009/12/7	KARAMA GIKUNDAMVURA CYIMPUNDU 760
BF	-01 20' 33.27523"	30 17' 00.25598"	1393.546	2009/12/7	RUKOMO RURENGE KABEZA 881
BF	-01 20' 36.42700"	30 10' 35.03539"	1518.276	2009/12/7	KARAMA KABUGA KABUGA CENTRE 752
BF	-01 20' 40.33826"	30 10' 44.01512"	1527.409	2009/12/7	KARAMA KABUGA KABUGA CENTRE 789
BF	-01 20' 41.64272"	30 16' 56.54356"	1376.002	2009/12/7	RUKOMO RURENGE KABEZA 880
BF	-01 20' 47.63907"	30 12' 11.68391"	1468.529	2009/12/7	KARAMA BUSHARA IHURIRO 778
BF	-01 20' 47.68885"	30 21' 52.61137"	1510.826	2009/12/7	NYAGATARERUTARAKARYABEGA 734
BF	-01 20' 48.07720"	30 16' 32.35994"	1407.485	2009/12/7	RUKOMO RURENGE NYAMIRAMBO 886
BF	-01 20' 48.27213"	30 12' 21.18298"	1495.686	2009/12/7	KARAMA BUSHARA GIKUNDAMVURA CENTRE 767
BF	-01 20' 52.51834"	30 15' 15.97259"	1400.035	2009/12/7	RUKOMO MUSENYIMUSENYI 866
BF	-01 20' 56.76998"	30 13' 34.00907"	1427.913	2009/12/7	KARAMA GIKUNDAMVURA GIKUNDAMVURA I 763
BF	-01 21' 01.88522"	30 11' 26.86520"	1490.398	2009/12/7	KARAMA KABUGA KABEZA 771
BF	-01 21' 03.97543"	30 11' 04.08682"	1461.8	2009/12/7	KARAMA KABUGA RUKAMBA 784
BF	-01 21' 06.62931"	30 14' 55.95763"	1410.85	2009/12/7	RUKOMO NYANGARAMA KARUGONDO 863
BF	-01 21' 09.03786"	30 16' 16.52628"	1447.86	2009/12/7	RUKOMO RURENGE KABUSUNZU 888
BF	-01 21' 10.46302"	30 12' 41.47132"	1459.156	2009/12/7	KARAMA BUSHARA KADENDEGERI 779
BF	-01 21' 10.68571"	30 14' 22.74266"	1412.532	2009/12/7	RUKOMO NYAKAGARAMA KAYENZI 858
BF	-01 21' 15.84863"	30 12' 07.10608"	1452.186	2009/12/7	KARAMA KABUGA KABEZA 775
BF	-01 21' 18.13286"	30 17' 01.97624"	1364.947	2009/12/7	RUKOMO RURENGE RUSHASHI 879
BF	-01 21' 18.43719"	30 15' 20.49592"	1426.711	2009/12/7	RUKOMO MUSENYI MUSENYI 865
BF	-01 21' 21.16936"	30 11' 54.76366"	1486.313	2009/12/7	KARAMA KABUGA KABEZA 773
BF	-01 21' 22.50339"	30 23' 57.03014"	1351.249	2009/12/7	NYAGATARERYABEGAMARONGERO743
BF	-01 21' 22.62288"	30 18' 00.60178"	1351.249	2009/12/7	NYAGATARE BUSHOGA BUSHOGA 771
BF	-01 21' 22.71824"	30 22' 00.10772"	1475.979	2009/12/7	NYAGATARERUTARAKARYABEGA 733
BF	-01 21' 26.54229"	30 10' 12.83513"	1506.02	2009/12/7	KARAME NDEGO KANYAMI 748
BF	-01 21' 30.26316"	30 13' 01.09250"	1420.703	2009/12/7	KARAMA BUSHARA RUYENZI 780
BF	-01 21' 35.45263"	30 24' 10.65107"	1349.086	2009/12/7	NYAGATARERYABEGAMARONGERO 744
BF	-01 21' 38.79389"	30 14' 07.14829"	1420.703	2009/12/7	RUKOMO NYAKAGARAMA NYAMWOROMA 857
BF	-01 21' 40.45230"	30 10' 42.10172"	1469.97	2009/12/7	KARAMA NDEGO MATEREZA 747
BF	-01 21' 40.57964"	30 09' 50.87840"	1512.749	2009/12/7	KARAMA NDEGO NDEGO CNTRE 744
BF	-01 21' 43.79627"	30 17' 04.76804"	1368.792	2009/12/7	RUKOMO RURENGE BIRYOGO 878
BF	-01 21' 44.13997"	30 22' 43.49100"	1394.267	2009/12/7	NYAGATARERYABEGARYABEGA 742
BF	-01 21' 45.34877"	30 14' 43.64959"	1495.926	2009/12/7	RUKOMO GASHENYI GASHENYI 849
BF	-01 21' 46.22988"	30 15' 00.13655"	1468.769	2009/12/7	RUKOMO GASHENYI AGASASA 852
BF	-01 21' 47.09620"	30 10' 23.85167"	1497.128	2009/12/7	KARAMA NDEGO KANYAMI 745
BF	-01 21' 47.77483"	30 17' 55.02516"	1377.204	2009/12/7	CYAGATARE BUSHOGA BUSHOGA BUSHOGA 770
BF	-01 21' 47.97821"	30 09' 31.10634"	1540.146	2009/12/7	KARAMA NDEGO NDEGO CENTRE 794
BF	-01 21' 49.25611"	30 22' 12.56873"	1449.302	2009/12/7	NYAGATARERYABEGARYABEGA 741
BF	-01 21' 50.59763"	30 18' 21.22790"	1358.699	2009/12/7	NYAGATARE BUSHOGA CYONYO 776
BF	-01 21' 50.77029"	30 22' 06.00992"	1463.722	2009/12/7	NYAGATARERUTARAKAMUGARI 740
BF	-01 21' 54.03520"	30 09' 13.88462"	1527.409	2009/12/7	KARAMA NDEGO NDEGO CENTRE 797
BF	-01 21' 56.51739"	30 14' 18.75415"	1443.775	2009/12/7	RUKOMO MUGASASA GASHENYI 851
BF	-01 21' 58.69511"	30 13' 37.52774"	1426.711	2009/12/7	RUKOMO NYAKAGARAMA NYAMWOROMA 855
BF	-01 21' 59.16221"	30 10' 59.08624"	1476.94	2009/12/7	KARAMA NDEGO RUSORORO 746
BF	-01 21' 59.43198"	30 14' 49.49236"	1492.802	2009/12/7	RUKOMO GASHENYI MUGASASA 847
BF	-01 22' 05.31034"	30 15' 25.82287"	1426.231	2009/12/7	RUKOMO GASHENYI MURORO 843
BF	-01 22' 07.40689"	30 12' 24.47896"	1410.85	2009/12/7	KARAMA CYINKWANZI KABEZA 805
BF	-01 22' 10.72793"	30 18' 57.07339"	1370.475	2009/12/7	NYAGATAREBUSHOGA RYINKUYU 777
BF	-01 22' 11.87096"	30 16' 17.40194"	1388.499	2009/12/7	RUKOMORUKOMO II KABEZA 816
BF	-01 22' 14.79128"	30 16' 50.65313"	1393.065	2009/12/7	RUKOMO RUKOMO II KABEZA 815

4.3 Données de localisation de l'ouvrage du district Nyagatare (5/12)

Name	Latitude	Longitude	Alti	Date	Comments
BF	-01 22' 15.86973"	30 12' 08.44978"	1429.355	2009/12/7	KARAMA CYINKWANZI KABEZA 804
BF	-01 22' 18.15095"	30 17' 53.84018"	1349.566	2009/12/7	NYAGATAREGAKIRAGEMIGINGO 756
BF	-01 22' 21.88599"	30 09' 50.78786"	1491.119	2009/12/7	KARAMA NYAKIGA KANUNGA 801
BF	-01 22' 24.56702"	30 14' 10.94881"	1480.064	2009/12/7	RUKOMOGASHENYI GASHENYI 850
BF	-01 22' 26.49701"	30 15' 43.07386"	1388.98	2009/12/7	RUKOMO GASHENYIHURIRO 827
BF	-01 22' 27.59054"	30 10' 41.90801"	1474.296	2009/12/7	KARAMA GIKAGATI GATABA 802
BF	-01 22' 29.82892"	30 11' 20.13562"	1455.791	2009/12/7	KARAMA GIKAGATI KIYOVU 803
BF	-01 22' 30.92909"	30 09' 15.08681"	1533.417	2009/12/7	KARAMA NYAKIGA KABEZA 736
BF	-01 22' 31.22420"	30 16' 00.79824"	1426.231	2009/12/7	RUKOMORUKOMO IIRUGABANO 818
BF	-01 22' 32.89559"	30 15' 10.50732"	1401.477	2009/12/7	RUKOMOGASENYI RUKOMO 842
BF	-01 22' 34.79841"	30 15' 18.04982"	1390.662	2009/12/7	RUKOMOGASHENYIREBERO 823
BF	-01 22' 35.75465"	30 13' 06.32122"	1479.583	2009/3/1	GATUNDA NYAMIREMBE MABARE 956
BF	-01 22' 37.25615"	30 13' 47.63964"	1456.993	2009/3/1	GATUNDA NYAMIREMBE BYIMANA 951
BF	-01 22' 38.35241"	30 15' 11.00401"	1395.469	2009/12/7	RUKOMOGASHENYI REBERO 826
BF	-01 22' 39.23423"	30 14' 59.32385"	1420.944	2009/12/7	RUKOMOGASHENYINYAMIRAMIBO 841
BF	-01 22' 40.91938"	30 15' 06.03180"	1404.121	2009/12/7	RUKOMO GASHENYIREBERO 824
BF	-01 22' 42.74345"	30 14' 35.21332"	1441.852	2009/12/7	RUKOMOGASHENYI GISENYI 840
BF	-01 22' 45.01863"	30 16' 56.75329"	1367.831	2009/12/7	RUKOMORUKOMO II SANGANO 814
BF	-01 22' 45.92569"	30 14' 45.44171"	1424.068	2009/12/7	RUKOMO GASHENYI NYAMIRAMBO 839
BF	-01 22' 46.31766"	30 11' 03.42841"	1493.282	2009/12/7	KARAMA GIKAGATI NYABITARE 811
BF	-01 22' 46.40487"	30 12' 36.87448"	1447.86	2009/12/7	GATUNDA NYAMIKAMBA NYAMIKAMBA 926
BF	-01 22' 48.26877"	30 11' 55.45619"	1460.357	2009/12/7	KARAMA CYINKWANZI RUREMBO 808
BF	-01 22' 48.70087"	30 15' 06.87218"	1394.507	2009/12/7	RUKOMO GASHENYINYAMIRAMBO 828
BF	-01 22' 50.10642"	30 11' 57.10524"	1451.946	2009/12/7	KARAMA CYINKWANZI RUREMBO 807
BF	-01 22' 51.09887"	30 19' 46.10600"	1485.832	2009/12/7	NYAGATAREBUSHOGA RUHUHA II 778
BF	-01 22' 51.81522"	30 14' 57.94523"	1407.245	2009/12/7	RUKOMO GASHENYI NYAMIRAMBO 838
BF	-01 22' 56.12811"	30 17' 44.28020"	1384.414	2009/12/7	NYAGATAREGAKIRAGEKIBOGA I 754
BF	-01 22' 56.59853"	30 16' 31.31710"	1420.463	2009/12/7	RUKOMO RUKOMO II AMAHORO 821
BF	-01 22' 58.04723"	30 15' 20.84011"	1424.789	2009/12/7	RUKOMO GASHENYIBUKAMBA 829
BF	-01 23' 03.50978"	30 13' 14.00858"	1452.427	2009/3/1	GATUNDA NYAMIREMBE MABARE 955
BF	-01 23' 04.26476"	30 14' 33.94597"	1467.087	2009/12/7	RUKOMO GASHENYISANGANO 837
BF	-01 23' 06.35044"	30 13' 26.99764"	1471.412	2009/3/1	GATUNDA NYAMIREMBE KIRINDIMURE 950
BF	-01 23' 08.04959"	30 23' 27.36974"	1341.155	2009/12/7	NYAGATARERYABEGARUGENDO 745
BF	-01 23' 14.26500"	30 10' 28.74965"	1493.042	2009/12/7	KARAMA NYAKIGA MABARE 813
BF	-01 23' 17.03355"	30 17' 24.40280"	1366.389	2009/12/7	NYAGATAREGAKIRAGEGAKIRAGE 757
BF	-01 23' 18.11924"	30 14' 43.05275"	1421.184	2009/12/7	RUKOMOGASHENYI SANGANO 835
BF	-01 23' 19.35882"	30 17' 46.00046"	1376.483	2009/12/7	NYAGATARE GAKIRAGE KIBOGA I 753
BF	-01 23' 23.65210"	30 09' 45.69437"	1490.879	2009/12/7	KARAMA NYAKIGA KARAMA CENTRE 818
BF	-01 23' 24.80840"	30 15' 22.04708"	1456.993	2009/12/7	RUKOMO GASHENYI BUKAMBA 831
BF	-01 23' 25.02506"	30 13' 24.62408"	1452.427	2009/3/1	GATUNDA NYAMIREMBE KIRINDIMURE 953
BF	-01 23' 26.17170"	30 08' 01.27460"	1580.041	2009/12/7	KIYOMBE TOVU GATSATA 740
BF	-01 23' 26.27399"	30 16' 15.34012"	1432.479	2009/12/7	RUKOMORUKOMO IINYARUBUYE 811
BF	-01 23' 29.25615"	30 17' 00.91925"	1487.514	2009/12/7	RUKOMOGASHENYI REBERO 823
BF	-01 23' 29.27036"	30 14' 50.46036"	1422.145	2009/12/7	RUKOMO GASHENYI BUKAMBA 834
BF	-01 23' 30.55128"	30 11' 24.68447"	1458.194	2009/3/1	GATUNDA NYARUREMA BUTIMBA 958
BF	-01 23' 33.78964"	30 12' 55.18400"	1459.396	2009/12/7	GATUNDA NYAMIKAMBA RYAMUVARA 927
BF	-01 23' 35.96193"	30 16' 43.39459"	1393.546	2009/12/7	RUKOMORUKOMO II ISANGANO 810
BF	-01 23' 37.37532"	30 09' 10.09379"	1519.958	2009/12/7	KARAMA NYAKIGA HUMURE 742
BF	-01 23' 40.01351"	30 15' 06.31393"	1430.797	2009/12/7	RUKOMO GASHENYI BUKAMBA 833
BF	-01 23' 41.98694"	30 13' 48.74102"	1521.4	2009/12/7	GATUNDA KABEZA MUVUMBA 934
BF	-01 23' 42.18972"	30 14' 23.51180"	1481.506	2009/12/7	GATUNDAKABEZA KABEZA 942
BF	-01 23' 43.37710"	30 09' 47.26951"	1472.374	2009/12/7	KARAMA NYAKIGA KARAMA CENTRE 824
BF	-01 23' 44.73859"	30 09' 15.25882"	1493.282	2009/12/7	KARAMA NYAKIGA KARAMA CENTRE 822
BF	-01 23' 46.75034"	30 13' 48.00385"	1525.486	2009/12/7	GATUNDA NYAMIKAMBA RWIBARE 936
BF	-01 23' 46.79319"	30 08' 30.02914"	1556.729	2009/12/7	KIYOMBE TOVU TYAZO 741
BF	-01 23' 47.09434"	30 17' 46.34174"	1401.718	2009/12/7	NYAGATAREGAKIRAGEGAKIRAGE 751
BF	-01 23' 47.28836"	30 13' 12.80158"	1459.876	2009/12/7	GATUNDA NYAMIKAMBA GITOVU 932
BF	-01 23' 51.80916"	30 15' 59.51038"	1423.347	2009/12/7	RUKOMORUKOMO II BERWA 809
BF	-01 23' 51.81550"	30 12' 47.61281"	1478.622	2009/12/7	GATUNDA RYAMIKAMBA RYABUVARA 929
BF	-01 23' 52.49081"	30 12' 24.15521"	1521.16	2009/12/7	GATUNDA NYAMIKAMBA RYABUVARA 924
BF	-01 23' 54.08404"	30 19' 16.23623"	1461.559	2009/12/7	NYAGATAREGAKIRAGEKIBOGA II 752
BF	-01 23' 55.55205"	30 10' 56.39225"	1487.995	2009/3/1	GATUNDA NYARUREMA BUBARE 960
BF	-01 23' 55.73310"	30 23' 18.46907"	1368.792	2009/12/7	Nyagatare Rwisirabo Karangazi 873
BF	-01 23' 57.46423"	30 24' 21.90294"	1355.815	2009/12/7	Nyagatare Rwisirabo Rukundo 875
BF	-01 23' 58.03483"	30 09' 19.44166"	1505.779	2009/12/7	GATUNDA NYANGARA MUTUMBA 892
BF	-01 23' 59.50133"	30 23' 14.28320"	1362.303	2009/12/7	Nyagatare Rwisirabo Karangazi 877
BF	-01 24' 00.99951"	30 14' 39.76278"	1422.626	2009/12/7	GATUNDA KABEZA IREBERO 943
BF	-01 24' 02.24332"	30 13' 27.34586"	1497.849	2009/12/7	GATUNDA NYAMIKAMBA BYIMANA 933
BF	-01 24' 04.33595"	30 16' 25.33163"	1372.157	2009/12/7	RUKOMO GAHORARA WAMAHORO 806
BF	-01 24' 06.99888"	30 17' 35.76664"	1407.245	2009/12/7	NYAGATAREGAKIRAGENKONGI 750
BF	-01 24' 08.85252"	30 15' 34.40642"	1440.891	2009/12/7	RUKOMOGA HORARA URUGWIRO 795
BF	-01 24' 09.73121"	30 15' 57.39844"	1415.176	2009/12/7	RUKOMO GAHORARA URUMURI 808
BF	-01 24' 14.87874"	30 12' 17.66851"	1505.058	2009/12/7	GATUNDA RWENSHEKE KABUYE 920

4.3 Données de localisation de l'ouvrage du district Nyagatare (6/12)

Name	Latitude	Longitude	Alti	Date	Comments
BF	-01 24' 15.68410"	30 10' 20.63834"	1525.727	2009/3/1	GATUNDA NYARUREMA BUGUMA 963
BF	-01 24' 18.14245"	30 17' 23.52502"	1387.298	2009/12/7	NYAGATAREGAKIRAGENKONGI 749
BF	-01 24' 20.16779"	30 23' 21.66461"	1372.397	2009/12/7	Nyagatare Rwisibo Rukundo 876
BF	-01 24' 20.25197"	30 16' 24.86298"	1372.157	2009/12/7	RUKOMO GAHORARA NUMBER ONE(1) 805
BF	-01 24' 21.31775"	30 15' 22.71881"	1464.683	2009/12/7	RUKOMOGAHOZERA RAMBURA 798
BF	-01 24' 22.07272"	30 14' 12.44699"	1437.767	2009/12/7	GATUNDA KABEZA HURIRO 941
BF	-01 24' 25.35937"	30 11' 07.63087"	1488.476	2009/12/7	GATUNDA CYAGAJU ISANGANO 916
BF	-01 24' 27.91186"	30 09' 24.04361"	1524.044	2009/12/7	GATUNDA NYANGARA MUTUMBA 893
D Tank	-01 21' 00.75366"	30 12' 41.14091"	1478.622	2009/12/7	KARAMA BUSHARA RUREMBO 766
D Tank	-01 15' 14.76067"	30 20' 56.71518"	1369.273	2009/12/7	Nyagatare Nsheke Kabare I
D Tank	-01 27' 23.52859"	30 13' 37.46046"	1491.6	2009/12/7	Mimuli Mahoro Mizero 981
D Tank	-01 27' 27.73677"	30 13' 31.70431"	1440.891	2009/12/7	Mimuli Mahoro Mizero 984
D Tank	-01 27' 46.82237"	30 16' 11.30452"	1455.31	2009/12/7	Katabagemu Bayigaburire Nyagahandagaza 893
D Tank	-01 19' 20.80369"	30 23' 15.94799"	1462.761	2009/12/7	NYAGATAREKAMARIKAMAGIRI790
D.Tank	-01 04' 18.74672"	30 26' 42.53374"	1350.047	2009/12/7	MATIMBA KIMBOGO KIYOVU 671
D.Tank	-01 05' 30.03330"	30 24' 55.07388"	1384.173	2009/12/7	MATIMBA NYABWISHONGWEZI NYABWISHONGWEZI I 691
D.Tank	-01 06' 32.63616"	30 23' 14.35654"	1474.777	2009/12/7	MUSERI KIBIRIZI KABUNGO 729
D.Tank	-01 07' 15.89030"	30 25' 33.43516"	1393.546	2009/12/7	MATIMBA MATIMBA MATIMBA II 705
D.Tank	-01 10' 17.22969"	30 23' 58.88587"	1563.458	2009/12/7	MUSERI NTOMA NTOMA 720
D.Tank	-01 14' 52.91437"	30 21' 01.18228"	1367.351	2009/12/7	Nyagatare Nsheke Kabare I
D.Tank	-01 15' 56.06823"	30 20' 22.55874"	1379.607	2009/12/7	Nyagatare Nsheke Nsheke 858
D.Tank	-01 16' 52.16690"	30 19' 56.26952"	1320.727	2009/12/7	Nyagatare Barija Barija B 862
D.Tank	-01 18' 32.40608"	30 23' 45.26236"	1409.648	2009/12/7	NYAGATAREKAMAGRINKERENGE792
D.Tank	-01 18' 36.54110"	30 20' 33.12960"	1460.117	2009/12/7	Nyagatare Barija Kihira 841
D.Tank	-01 19' 16.52610"	30 18' 54.21161"	1439.929	2009/12/7	NYAGATARENYAGATARE MIRAMA II 781
D.Tank	-01 19' 28.00280"	30 20' 25.53277"	1377.444	2009/12/7	NYAGATARE RUTARAKA GIHOROBWA 729
D.Tank	-01 19' 54.78178"	30 11' 01.21751"	1538.704	2009/12/7	KARAMA KABUGA RWUBUZIZI 755
D.Tank	-01 20' 06.39487"	30 13' 26.22968"	1459.876	2009/12/7	KARAMA GIKUNDAMVURA URUGWIRO 762
D.Tank	-01 20' 07.73826"	30 20' 13.53314"	1398.833	2009/12/7	NYAGATARE RUTARAKA GIHORUBWA 728 In use
D.Tank	-01 20' 08.45008"	30 21' 54.23296"	1473.095	2009/12/7	NYAGATARERUTARAKAMUGARI 736
D.Tank	-01 20' 12.61693"	30 12' 16.70198"	1466.846	2009/12/7	KARAMA KABUGA KIZUNGURUKO 759
D.Tank	-01 20' 18.82238"	30 18' 07.06763"	1401.958	2009/12/7	NYAGATARE BUSHOGA CYONYO 774
D.Tank	-01 20' 20.12443"	30 16' 11.31812"	1469.25	2009/12/7	RUKOMO MUSENYI AMAHORO 870
D.Tank	-01 20' 23.41832"	30 16' 07.99946"	1462.521	2009/12/7	RUKOMO MUSHENYI GASHURA 871
D.Tank	-01 20' 30.66618"	30 16' 04.50383"	1467.327	2009/12/7	RUKOMO MUSHENYI GASHURA 874
D.Tank	-01 20' 32.09087"	30 16' 54.57767"	1410.61	2009/12/7	RUKOMO RURENGE KABEZA 882
D.Tank	-01 20' 34.93696"	30 14' 57.69118"	1412.772	2009/12/7	RUKOMO NYANGARAMA NYANGARAMA 861
D.Tank	-01 20' 38.81926"	30 15' 02.29162"	1420.463	2009/12/7	RUKOMO NYANGARAMA NYANGARAMA 862
D.Tank	-01 20' 48.98305"	30 21' 52.59809"	1514.191	2009/12/7	NYAGATARERUTARAKARYABEGA 735
D.Tank	-01 20' 53.14567"	30 18' 04.52693"	1417.339	2009/12/7	NYAGATAREBUSHOGA CYONYO 773
D.Tank	-01 20' 57.02978"	30 12' 41.11495"	1469.73	2009/12/7	KARAMA GIKUNDAMVURA GIKUNDAMVURA I 765
D.Tank	-01 21' 04.91417"	30 16' 23.77488"	1454.83	2009/12/7	RUKOMO RURENGE KABUSUNZU 887
D.Tank	-01 21' 09.37431"	30 14' 23.81809"	1417.819	2009/12/7	RUKOMO NYAKAGARAMA KAYENZI 859
D.Tank	-01 21' 17.46962"	30 18' 01.45631"	1366.87	2009/12/7	NYAGATARE bushoga RYINKUYU 772
D.Tank	-01 21' 19.16394"	30 16' 49.97572"	1387.057	2009/12/7	RUKOMO RURENGE RUSHASHI 889
D.Tank	-01 21' 19.53117"	30 11' 54.28842"	1485.592	2009/12/7	KARAMA KABUGA KABEZA 774
D.Tank	-01 21' 21.49223"	30 16' 30.67979"	1418.06	2009/12/7	RUKOMO RURENGE BIRYOGO 890
D.Tank	-01 21' 32.51993"	30 15' 18.87995"	1456.993	2009/12/7	RUKOMO NYANGARAMA MUSENYI 864
D.Tank	-01 21' 43.89525"	30 21' 44.18716"	1452.667	2009/12/7	NYAGATARE KAMAKIRI NKERENGE 732
D.Tank	-01 21' 54.97757"	30 14' 47.58623"	1508.423	2009/12/7	RUKOMOGASHENYI GASHENYI 848
D.Tank	-01 21' 55.40544"	30 13' 46.81920"	1450.744	2009/12/7	RUKOMO NYAKAGARAMA NYAMWOROMA 856
D.Tank	-01 21' 57.78835"	30 14' 59.74818"	1492.321	2009/12/7	RUKOMO GASHENYI MUGASASA 846
D.Tank	-01 22' 09.67242"	30 15' 19.27555"	1453.388	2009/12/7	RUKOMOGASHENYI MUORE 844
D.Tank	-01 22' 11.95997"	30 15' 04.64616"	1463.241	2009/12/7	RUKOMO GASHENYI RUREMBO 845
D.Tank	-01 22' 17.96869"	30 16' 16.41587"	1415.656	2009/12/7	RUKOMORUKOMO II RUGANANO817
D.Tank	-01 22' 25.05948"	30 13' 57.88610"	1475.498	2009/3/1	GATUNDA NYAMIREMBE BYIMANA 952
D.Tank	-01 22' 33.03047"	30 13' 05.78896"	1472.374	2009/3/1	GATUNDA NYAMIREMBE MABARE 957
D.Tank	-01 22' 35.51175"	30 15' 48.73828"	1420.944	2009/12/7	RUKOMO GASHENYI HURIRO 822
D.Tank	-01 22' 37.80413"	30 16' 05.34803"	1449.302	2009/12/7	RUKOMO RUKOMO II 819
D.Tank	-01 22' 53.57954"	30 17' 39.96910"	1397.392	2009/12/7	NYAGATAREGAKIRAGEKIBOGA I 755
D.Tank	-01 23' 02.78770"	30 13' 14.55020"	1452.186	2009/3/1	GATUNDA NYAMIREMBE MABARE 954
D.Tank	-01 23' 07.81543"	30 13' 25.81568"	1476.219	2009/3/1	GATUNDA NYAMIREMBE KIRINDIMURE 949
D.Tank	-01 23' 09.83141"	30 14' 27.95989"	1477.661	2009/12/7	RUKOMOGASHENYI SANGANO 836
D.Tank	-01 23' 11.36249"	30 15' 21.76286"	1433.681	2009/12/7	RUKOMO GASHENYI BUKAMBA 830
D.Tank	-01 23' 16.98738"	30 13' 57.92264"	1549.279	2009/12/7	GATUNDA KABEZA IREBERO 947
D.Tank	-01 23' 24.64485"	30 16' 10.25504"	1438.728	2009/12/7	RUKOMORUKOMO IINYARUBU 812
D.Tank	-01 23' 28.55250"	30 15' 21.37540"	1461.8	2009/12/7	RUKOMOGASHENYIBUKAMBA 832
D.Tank	-01 23' 28.55398"	30 17' 27.10014"	1434.642	2009/12/7	RUKOMO RUKOMO II AMAHORO 820
D.Tank	-01 23' 42.58048"	30 13' 57.34420"	1555.046	2009/12/7	GATUMBAKABEZA IREBERO 946
D.Tank	-01 23' 45.02827"	30 13' 49.23649"	1528.611	2009/12/7	GATUNDA KABEZA MUVUMBA 935
D.Tank	-01 23' 45.20509"	30 12' 50.40850"	1485.832	2009/12/7	GATUNDA RYAMIKAMBA RYABUVARA 928

4.3 Données de localisation de l'ouvrage du district Nyagatare (7/12)

Name	Latitude	Longitude	Alti	Date	Comments
D.Tank	-01 23' 49.66403"	30 10' 39.83318"	1511.307	2009/3/1	GATUNDA NYARUREMA SHABANA 961
D.Tank	-01 23' 50.72799"	30 11' 02.87923"	1495.445	2009/3/1	GATUNDA NYARUREMA BUBARE 959
D.Tank	-01 23' 51.30826"	30 12' 24.85616"	1521.16	2009/12/7	GATUNDA NYAMIKAMBA RYABUVARA 925
D.Tank	-01 23' 52.13173"	30 11' 30.74690"	1482.468	2009/12/7	GATUNDARWENSHEKE RWENSHEKE 918
D.Tank	-01 23' 52.88486"	30 14' 42.95317"	1437.767	2009/12/7	GATUNDA KABEZA IREBERO 944
D.Tank	-01 23' 59.15553"	30 09' 17.65951"	1509.144	2009/12/7	GATUNDA NYANGARA MUTUMBA 891
D.Tank	-01 24' 04.80939"	30 10' 18.93922"	1521.881	2009/3/1	GATUNDA NYARUREMA BUGUMA 962
D.Tank	-01 24' 12.74568"	30 23' 24.19807"	1386.817	2009/12/7	Nyagatare Rwisirabo Rukundo 874
D.Tank	-01 24' 15.75924"	30 12' 20.75026"	1521.881	2009/12/7	GATUNDA RWENSHEKE KABUYE 921
D.Tank	-01 24' 22.65178"	30 15' 21.33619"	1461.559	2009/12/7	RUKOMOGAHORARA RAMBURA 799
D.Tank	-01 24' 34.87290"	30 12' 48.29026"	1452.667	2009/12/7	GATUNDARWENSHEKE NYIRABURUGA 930
D.Tank	-01 24' 37.73196"	30 11' 38.79906"	1504.818	2009/12/7	GATUNDA RWENSHEKE RWENSHEKE 917
D.Tank	-01 24' 38.48332"	30 15' 50.34388"	1455.31	2009/12/7	RUKOMOGAHORARA RAMBURA 802
D.Tank	-01 24' 38.59949"	30 11' 17.37884"	1493.523	2009/12/7	GATUNDA CYAGAJU KABEZA 915
D.Tank	-01 24' 44.67429"	30 09' 54.35305"	1557.69	2009/3/1	GATUNDANYARUREMA KABEZA 965
D.Tank	-01 24' 47.72014"	30 11' 24.42286"	1510.345	2009/12/7	GATUNDA CYAGAJU KABEZA 914
D.Tank	-01 24' 51.62537"	30 12' 22.35708"	1480.545	2009/12/7	GATUNDA RWENSHEKE NYIRABURUNGA 923
D.Tank	-01 24' 54.10182"	30 13' 56.20778"	1438.247	2009/12/7	GATUNDA KABEZA NYAMIRAMBO 938
D.Tank	-01 24' 58.89147"	30 14' 06.24214"	1419.502	2009/12/7	GATUNDA KABEZA MUYENJI 939
D.Tank	-01 24' 59.47596"	30 19' 00.60024"	1463.001	2009/12/7	Katabagemu Kanyeganyeye 915
D.Tank	-01 25' 06.62378"	30 17' 20.72933"	1386.817	2009/12/7	NYAGATARECYABAYAGA CYABAYAGA 764
D.Tank	-01 25' 11.02569"	30 16' 58.70197"	1397.632	2009/12/7	NYAGATARECYABAYAGACYABAYAGA 763
D.Tank	-01 25' 11.82562"	30 13' 08.13896"	1434.883	2009/12/7	Mukama Rugarama 017
D.Tank	-01 25' 13.34613"	30 12' 51.88014"	1479.103	2009/12/7	Mukama Rugarama Kireranyana
D.Tank	-01 25' 27.71842"	30 10' 54.03076"	1545.193	2009/12/7	GATUNDA CYAGAJU KIBISABO 912
D.Tank	-01 25' 29.07025"	30 10' 31.00040"	1567.303	2009/12/7	GATUNDA CYAGAJU IRAMIRO 909
D.Tank	-01 25' 34.52405"	30 14' 03.58526"	1425.269	2009/12/7	Mukama Bufunda Bitabo 005
D.Tank	-01 25' 36.41390"	30 16' 12.87332"	1391.864	2009/12/7	Mimuli Rugari Isangano 948
D.Tank	-01 25' 42.01948"	30 16' 41.42266"	1387.538	2009/12/7	NYAGATARECYABAYAGA KAMONYI 761
D.Tank	-01 25' 43.16462"	30 13' 08.02942"	1423.827	2009/12/7	Mukama Rugarama Kireranyana 014
D.Tank	-01 25' 44.14621"	30 14' 10.62020"	1457.714	2009/12/7	Mukama Bufunda Rebero 007
D.Tank	-01 25' 45.41270"	30 06' 20.40548"	1695.879	2009/3/1	KIYOMBE KABUNGO BITARE 967
D.Tank	-01 25' 46.32212"	30 14' 23.63644"	1449.062	2009/12/7	Mukama Bufunda Bitabo 008
D.Tank	-01 26' 02.36850"	30 14' 22.22124"	1432.479	2009/12/7	Mukama Bufunda Bitabo 009
D.Tank	-01 26' 06.37276"	30 06' 34.43440"	1671.125	2009/3/1	KIYOMBEKABUNGO BITARE 970
D.Tank	-01 26' 07.87903"	30 12' 09.23645"	1445.697	2009/12/7	Mukama Gishororo Kabukunzi 040
D.Tank	-01 26' 09.84432"	30 12' 24.33866"	1419.742	2009/12/7	Mukama Gishororo Kabeza
D.Tank	-01 26' 14.83645"	30 09' 58.28634"	1589.654	2009/12/7	GATUNDA NYANGARA RYANYABUKWENDE 902
D.Tank	-01 26' 23.20001"	30 07' 15.05546"	1591.096	2009/3/1	KIYOMBE KABUNGO CYONDO 975
D.Tank	-01 26' 24.96826"	30 19' 24.96432"	1496.407	2009/12/7	Katabagemu Nyakigando Kaduha II 922
D.Tank	-01 26' 28.75610"	30 15' 39.87832"	1414.455	2009/12/7	Mimuli Rugari Ubumwe 956
D.Tank	-01 26' 34.88281"	30 09' 49.55375"	1626.664	2009/12/7	GATUNGA NYANGARA NYABUGWEGWE 829
D.Tank	-01 26' 41.96786"	30 09' 58.15447"	1614.888	2009/12/7	GATUNDA NYANGARA CENTRE MUHAMBO 906
D.Tank	-01 26' 51.17723"	30 13' 22.62108"	1425.75	2009/12/7	Mimuli Mahoro Shenga I 974
D.Tank	-01 26' 52.46449"	30 15' 08.59907"	1394.507	2009/12/7	Mimuli Mimuli Indahemuka 958
D.Tank	-01 26' 58.15999"	30 13' 02.36230"	1451.706	2009/12/7	Mimuli Mahoro Rebero 977
D.Tank	-01 26' 58.67326"	30 12' 49.74196"	1454.349	2009/12/7	Mimuli Mahoro Cyambwana 986
D.Tank	-01 27' 02.11169"	30 14' 44.81012"	1409.648	2009/12/7	Mimuli Mimuli Karukwanzi 960
D.Tank	-01 27' 27.75397"	30 07' 55.45175"	1715.105	2009/3/1	KIYOMBE KARUGUMBA GISHORO 972
D.Tank	-01 27' 28.01981"	30 07' 57.56581"	1716.547	2009/3/1	KIYOMBE KARUGUMBA GISHORO 971
D.Tank	-01 27' 31.39095"	30 14' 29.95354"	1401.477	2009/12/7	Mimuli Bibare Karukwanzi I 971
D.Tank	-01 27' 39.33206"	30 12' 57.78716"	1446.418	2009/12/7	Mimuli Mahoro Gitwe 990
D.Tank	-01 28' 01.84401"	30 14' 14.82810"	1401.237	2009/12/7	Mimuli Bibare Bibare 969
D.Tank	-01 28' 16.22655"	30 13' 12.44219"	1444.976	2009/12/7	Mimuli Gakoma Kumusaraba 991
D.Tank	-01 28' 46.60690"	30 15' 19.64516"	1475.738	2009/12/7	Mimuli Bibare Rwimirama 964
D.Tank	-01 28' 58.69615"	30 14' 42.68040"	1453.628	2009/12/7	Mimuli Bibare Nyamafura 967
D.Tank	-01 29' 05.92936"	30 17' 35.60975"	1525.486	2009/12/7	Ktabagemu Rugazi Akabira 929
D.Tank	-01 29' 34.42770"	30 17' 03.71220"	1515.152	2009/12/7	Katabagemu Rugazi Ishyirahamwe 941
E Box	-01 25' 03.03901"	30 12' 35.31445"	1425.029	2009/12/7	Mukama Rugarama Byimana 021
E Box	-01 25' 16.66929"	30 14' 04.89394"	1388.74	2009/12/7	Mukama Bufunda Nyakajeje 004
E Box	-01 27' 01.95689"	30 17' 52.22944"	1489.677	2009/12/7	Katabagemu Kigarama Kibuye 907
E Box	-01 27' 36.76117"	30 16' 23.72178"	1442.333	2009/12/7	Katabagemu Bayigaburire Nyagahandagaza 895
E Box	-01 27' 42.05082"	30 16' 48.56412"	1407.005	2009/12/7	Katabagemu Bayigaburire Agasasa 898
E Box	-01 28' 34.89211"	30 12' 51.63844"	1466.125	2009/12/7	Mimuli Gakoma Nyarwina 994
Hotel	-01 17' 28.00195"	30 19' 39.00587"	1364.707	2008/12/2	Hotel Blue sky
HP	-01 21' 21.30913"	30 27' 48.96119"	0		Kamate
HP	-01 22' 04.72887"	30 25' 57.65200"	1353.652	2009/12/7	Nyagatare Kamate Kamate 879
HP	-01 23' 00.64498"	30 24' 53.97671"	1344.039	2009/12/7	Nyagatare Kamate Bugarama 878
HP	-01 23' 14.79290"	30 23' 42.85051"	1352.45	2009/12/7	Nyagatare Rwisirabo Gakoma 871
HP	-01 23' 30.81772"	30 23' 19.20232"	1356.536	2009/12/7	Karangazi Mbare Mbare 868
HP	-01 23' 39.40574"	30 22' 58.37247"	1358.699	2009/12/7	Karangazi Mbare Kajumu
HP	-01 24' 03.00371"	30 23' 06.71928"	1361		Karangazi I
HP	-01 24' 14.45146"	30 23' 07.82581"	1357.257	2009/12/7	Nyagatare Rwisirabo Karangazi 872

4.3 Données de localisation de l'ouvrage du district Nyagatare (8/12)

Name	Latitude	Longitude	Alti	Date	Comments
HP	-01 24' 30.00871"	30 24' 54.31918"	1357.737	2009/12/7	Nyagatare Ndama Akanyeli 880
HP	-01 24' 42.85445"	30 25' 37.50636"	1352.45	2009/12/7	Nyagatare Ndama Ndama 881
HP	-01 24' 51.84764"	30 28' 04.70833"	1335.627	2009/12/7	Nyagatare Nyamirama Akayange 882
HP	-01 25' 11.69406"	30 23' 42.06131"	1354.133	2009/12/7	Nyagatare Kizirakome Rwiyemera 884
HP	-01 25' 22.01812"	30 21' 56.28507"	1357.978	2009/12/7	Karangazi Mbare Mbare 867
HP	-01 25' 22.19642"	30 27' 21.78338"	1344.039	2009/12/7	Nyagatare Ndama Rwaharamba 883
HP	-01 27' 34.17124"	30 26' 30.93232"	0		Nyagashanga
HP	-01 29' 59.78806"	30 23' 29.06945"	0		Musenyi I
HP	-01 30' 15.48312"	30 23' 39.55797"	1362		Musenyi II
HP	-01 31' 36.09991"	30 22' 39.84532"	0		Karama
HP	-01 26' 28.85327"	30 18' 26.57747"	1399.795	2009/12/7	Katabagemu Rutoma Kabeza 910
HP	-01 26' 45.44412"	30 16' 31.95029"	0		Kajevuba
HP	-01 26' 53.29635"	30 20' 46.90180"	1472		Nyakigando
HP	-01 27' 36.16702"	30 17' 02.25445"	1390.422	2009/12/7	Katabagemu Katabagemu Nyabwunyu 904
HP	-01 27' 42.47169"	30 19' 37.69554"	1397.151	2009/12/7	Katabagemu Nyakigando Byimana 924
HP	-01 28' 15.53102"	30 18' 51.08216"	1390.182	2009/12/7	Katabagemu Rubira Isangano 927
HP	-01 28' 15.83851"	30 17' 06.60174"	1392.585	2009/12/7	Katabagemu Bayigaburire Agasasa 902
HP	-01 28' 35.79857"	30 18' 17.38289"	1431.038	2009/12/7	Katabagemu Rubira Igitego 926
HP	-01 29' 10.69065"	30 16' 04.11989"	1414.935	2009/12/7	Katabagemu Bayigaburire Byimana 943
HP	-01 29' 59.09111"	30 19' 02.85762"	1383.693	2009/12/7	Katabagemu Rubira Igitego 928
HP	-01 25' 45.90148"	30 20' 35.32481"	1377.204	2009/12/7	Katabagemu Kaduha Nbiyonzza 917
HP	-01 03' 23.31703"	30 27' 03.26628"	1300.54	2009/12/7	MATIMBA KAGITUMBA MUVUMBA 667
HP	-01 03' 32.16007"	30 27' 48.28867"	1296.454	2009/12/7	MATIMBA KAGITUMBA MUVUMBA 668
HP	-01 03' 44.26330"	30 26' 14.38836"	1303		Cyembogo I
HP	-01 03' 53.14185"	30 27' 13.24058"	1305.106	2009/12/7	MATIMBA KIMBOGO KABEZA 677
HP	-01 03' 57.17442"	30 24' 32.50883"	1297.896	2009/12/7	MATIMBA RWENTANGA KAGEZI II 687
HP	-01 04' 15.63431"	30 25' 03.21486"	1323		Mitayaya/Rwentanga
HP	-01 04' 18.39945"	30 26' 58.29047"	1306.307	2009/12/7	MATIMBA KIMBOGO KAGERA 669
HP	-01 05' 02.84886"	30 24' 29.42791"	1322	2009/12/7	MATIMBA RWENTANGA KAGEZI II 688
HP	-01 05' 47.31776"	30 26' 27.12196"	1348.124	2009/12/7	MATIMBA KANYONZA GAKOMA 676
HP	-01 07' 11.52494"	30 26' 12.27332"	1330	2009/12/7	MATIMBA MATIMBA RWINYANA 709
HP	-01 08' 01.44286"	30 26' 42.15628"	1360.862	2009/12/7	MATIMBA BWERA RUGAGA 708
HP	-01 08' 44.37654"	30 25' 45.19761"	1374.08	2009/12/7	MUSHERI MUSHERI KIYAZA 725
HP	-01 10' 16.65667"	30 25' 18.65370"	1384.654	2009/12/7	MATIMBA BWERA NTOMA 710
HP	-01 05' 00.33159"	30 22' 11.75099"	1340.434	2009/12/7	MUSHERI NYAMIYONGA NYAMIYONGA 717
HP	-01 06' 03.12395"	30 24' 36.39834"	1334.185	2009/12/7	MUSHERI RUGARAMA RWENYANA 732
HP	-01 06' 40.02085"	30 21' 23.62298"	1326.975	2009/12/7	MUSHERI NYAMIYONGA CYENORE 716
HP	-01 09' 48.92055"	30 23' 31.12080"	1421.905	2009/12/7	MUSHERI KIJOGO KAGWEGWE 724
HP	-01 04' 13.79513"	30 23' 26.82475"	1419		Kagwegwe
HP	-01 04' 36.48563"	30 24' 19.49428"	1314	2009/12/7	Nyagatabire/Mudugudu
HP	-01 04' 57.50690"	30 23' 07.29606"	1321	2009/12/7	MUSHERI NYAGATABIRE GIKUNYU 718
HP	-01 05' 13.76016"	30 21' 36.16115"	1342		Nyamiyonga I
HP	-01 05' 56.61703"	30 23' 35.20563"	1370		Rugarama II
HP	-01 06' 43.28900"	30 25' 05.57786"	1351.249	2009/12/7	MUSHERI RUGARAMA II REBERO 733
HP	-01 07' 03.48712"	30 24' 20.66055"	1354.854	2009/12/7	MUSHERI RUGARAMA II RWENYANA 734
HP	-01 07' 08.08883"	30 22' 47.30271"	1359		Kibirizi
HP	-01 07' 31.63471"	30 25' 00.88072"	1352		Karucha I
HP	-01 07' 50.29138"	30 21' 04.24800"	0		Cyenombe
HP	-01 07' 57.31484"	30 23' 22.13705"	1471		Musheri
HP	-01 08' 28.89781"	30 24' 58.82576"	1390		Karucha-(Humure)
HP	-01 08' 43.55407"	30 22' 52.48587"	1372	2009/12/7	MATIMBA BWERA BWERA 707
HP	-01 09' 17.43128"	30 21' 31.73760"	1345.721	2009/12/7	MUSHERI KIJOGO KIBIRIZI 714
HP	-01 16' 19.03921"	30 19' 56.87691"	1429		Barija
HP	-01 16' 38.28918"	30 21' 37.79431"	1339.953	2009/12/7	Nyagatare Nsheke Nyegeza 850
HP	-01 16' 54.64576"	30 22' 09.56208"	1342.837	2009/12/7	Nyagatare Nsheke Nyegeza 849
HP	-01 17' 17.47934"	30 21' 37.44581"	0		Nyagatare P. School
HP	-01 18' 08.15891"	30 21' 58.27602"	1350.047	2009/12/7	Nyagatare Barija Barija A 848
HP	-01 19' 04.98193"	30 19' 41.47800"	0		Rutaraka
HP	-01 20' 20.33018"	30 19' 39.87769"	0		Cyonyo
HP	-01 21' 38.10488"	30 18' 57.02569"	1370		Bushoga
HP	-01 21' 48.93034"	30 18' 20.61512"	0		Cyonyo II
HP	-01 22' 24.11431"	30 15' 14.80487"	0		Rukomo H/ Centre
HP	-01 22' 48.50458"	30 15' 06.95448"	0		Rukomo Hospital
HP	-01 03' 46.67884"	30 22' 32.76975"	0		Kabare II
HP	-01 08' 05.35654"	30 19' 53.60448"	0	2009/12/7	RWEMPASHA KAZAZA GAKINDO 544 Working
HP	-01 09' 08.83477"	30 18' 55.95844"	0	2009/12/7	RWEMPASHA KAZAZA RUKIRI. 545 Not Working
HP	-01 09' 48.71385"	30 18' 59.31871"	0	2009/12/7	RWEMPASHA RUGARAMA BUBARE 546 Working
HP	-01 10' 59.82029"	30 20' 54.91979"	0	2009/12/7	RWEMPASHA GASINGA GASINGA 559 Working
HP	-01 11' 15.48224"	30 20' 10.84999"	0	2009/12/7	RWEMPASHA KAZAZA KAZAZA 543 Not working
HP	-01 11' 22.40934"	30 20' 52.38149"	0		Gasinga
HP	-01 11' 43.17551"	30 17' 55.08730"	0	2009/12/7	RWEMPASHA RUGARAMA RUGARAMA 547 In use
HP	-01 11' 47.42846"	30 23' 40.57706"	0		Rwebishorogoto

4.3 Données de localisation de l'ouvrage du district Nyagatare (9/12)

Name	Latitude	Longitude	Alti	Date	Comments
HP	-01 11' 57.36976"	30 23' 43.14577"	0	2009/12/7	RWEMPASHA GASINGA RWIBISHOROGOTO 560 Working
HP	-01 12' 03.64613"	30 17' 26.54430"	0	2009/12/7	RWEMPASHA CYERU CYERU 548 In use
HP	-01 12' 16.00575"	30 19' 04.30118"	0	2009/12/7	RWEMPASHA RWEMPASHA UWINKIKO 557
HP	-01 12' 33.61821"	30 17' 35.54365"	0	2009/12/7	RWEMPASHA CYERU CYERU 549 In use
HP	-01 12' 35.96115"	30 23' 28.69975"	0		Nyendo
HP	-01 12' 46.53787"	30 23' 30.01369"	0	2009/12/7	RWEMPASHA GASINGA NYENDO 561 Working
HP	-01 13' 12.95656"	30 20' 00.96230"	0	2009/12/7	RWEMPASHA RUKOROTO RUKOROTO 558 Not working
HP	-01 13' 24.21540"	30 16' 34.42148"	0	2009/12/7	RWEMPASHA RYERU RYERU 556 Not working
HP	-01 14' 02.33213"	30 21' 37.64253"	0		Kabare I
HP	-01 14' 12.22479"	30 21' 40.26413"	0	2009/12/7	RWEMPASHA KABARE GITURO 564 Working
HP	-01 14' 16.55066"	30 17' 56.67090"	0	2009/12/7	RWEMPASHA RUKOROTA BUKONJE 550 Working
HP	-01 14' 18.65566"	30 19' 35.39334"	0	2009/12/7	RWEMPASHA RUKOROTA RUKOROTA 552 In use
HP	-01 14' 19.81437"	30 18' 52.82989"	0	2009/12/7	RWEMPASHA CYENJOJO CYENJOJO 551 Working
HP	-01 14' 27.96400"	30 16' 07.15307"	0	2009/12/7	RWEMPASHA MISHENYI MISHENYI 555 Working
HP	-01 14' 47.21797"	30 22' 34.76233"	0	2009/12/7	RWEMPASHA KABARE GITURO 563 Working
HP	-01 14' 48.62774"	30 15' 53.53819"	0	2009/12/7	RWEMPASHA MISHENYI MISHENYI 554 Working
HP	-01 15' 29.47241"	30 19' 34.71744"	0	2009/12/7	RWEMPASHA CYENJOJO CYENJOJO 553 In use
HP	-01 16' 17.96385"	30 17' 51.00650"	0		Mashaka
HP	-01 10' 39.02739"	30 24' 39.57077"	0		Ntoma
HP	-01 11' 32.00318"	30 27' 04.44143"	0		Bwera/ Rutungu
HP	-01 11' 58.98341"	30 28' 56.01115"	0	2009/12/7	RWIMIYAGA RUTUNGO GAHAGATI II 532 Not Working
HP	-01 12' 31.74258"	30 29' 23.23367"	0		Kakagati II
HP	-01 12' 34.02376"	30 26' 07.81127"	0	2009/12/7	RWIMIYAGA NTOMA GASHWENO 530 Not
HP	-01 12' 41.16916"	30 25' 34.90378"	0	2009/12/7	RWIMIYAGA NTOMA GASHWENO. 529. Working
HP	-01 12' 54.33988"	30 25' 21.32749"	0	2009/12/7	RWIMIYAGA RWIMIYAGA REBERO. 528 Temporary working
HP	-01 13' 00.13120"	30 29' 39.08072"	0		Kakagati I
HP	-01 13' 23.77123"	30 23' 58.96223"	0	2009/12/7	RWIMIYAGA NYARUPFUBIRE RWIMIYAGA 518 Working
HP	-01 13' 49.86161"	30 23' 05.56480"	0	2009/12/7	RWIMIYAGA NYARUPFUBIRE RWIMIYAGA 517 Working
HP	-01 14' 17.36301"	30 26' 00.40744"	0		Kabeza
HP	-01 14' 27.11578"	30 26' 02.94346"	1340.194	2008/12/2	02-dec-08 7:45:27pm
HP	-01 14' 27.19152"	30 25' 40.71666"	0	2009/12/7	RWIMIYAGA KABEZA 523 Bad installation Not working
HP	-01 14' 34.49142"	30 24' 00.85478"	0	2009/12/7	RWIMIYAGA NYARUPFUBIRE NYAKAGANDO II 516 Working
HP	-01 14' 47.02801"	30 23' 39.66047"	0	2009/12/7	RWEMPASHA KABARE GITURO 562 Working
HP	-01 14' 59.42309"	30 23' 42.21881"	0	2009/12/7	RWIMIYAGA NYARUPFUBIRE NYAKAGANDO II 515 Working
HP	-01 15' 47.00762"	30 25' 31.60142"	0	2009/12/7	RWIMIYAGA KABEZA GATOVU 521 In use.
HP	-01 15' 49.28643"	30 25' 42.30023"	0	2009/12/7	RWIMIYAGA KABEZA RUKIRI II 522 Not working
HP	-01 16' 05.74339"	30 27' 37.25312"	0		Rusa
HP	-01 16' 36.57862"	30 28' 31.98741"	0	2009/12/7	RWIMIYAGA KIREBE KIREBE 540 Not Working
HP	-01 16' 58.96378"	30 23' 33.56707"	0	2009/12/7	RWIMIYAGA NYARUPFUBIRE NYARUPFUBIRE I 512 Working
HP	-01 16' 58.99031"	30 22' 31.64321"	0		Nyarupfubire
HP	-01 17' 08.96735"	30 22' 34.26020"	0	2009/12/7	RWIMIYAGA NYARUPFUBIRE KAMAGIRI 514
HP	-01 17' 28.02820"	30 25' 25.80787"	0	2009/12/7	RWIMIYAGA GACUNDEZI RUKUNDO I 501 Not Working
HP	-01 17' 45.52478"	30 25' 30.90619"	0	2009/12/7	RWIMIYAGA GACUNDEZI I 499 Working
HP	-01 18' 03.73591"	30 24' 36.83257"	0	2009/12/7	RWIMIYAGA GACUNDEZI GACUNDEZI II 505
HP	-01 18' 11.03581"	30 25' 50.56572"	0	2009/12/7	RWIMIYAGA GACUNDEZI GACUNDEZI II 500
HP	-01 18' 17.58964"	30 26' 03.98473"	0		Gacundezi
HP	-01 18' 18.62539"	30 25' 00.06510"	0	2009/12/7	RWIMIYAGA GACUNDEZI GACUNDEZI II 506
HP	-01 18' 22.91263"	30 22' 25.64710"	0	2009/12/7	RWIMIYAGA NYARUPFUBIRE KAMAGIRI 513
HP	-01 18' 24.18722"	30 28' 06.34771"	0	2009/12/7	RWIMIYAGA KIREBE RUKINDO 539 Not Working
HP	-01 18' 26.06047"	30 26' 40.93116"	0	2009/12/7	RWIMIYAGA KIREBE RUKINDO 536 In use
HP	-01 18' 29.49799"	30 26' 35.91006"	0	2009/12/7	RWIMIYAGA KIREBE RUKINDO 535 In use
HP	-01 19' 02.71447"	30 28' 21.89381"	0	2009/12/7	RWIMIYAGA KIREBE GATEBE I 537 Not working
HP	-01 19' 38.53809"	30 32' 53.77817"	0	2009/12/7	RWIMIYAGA KIREBE GATEBE II 538 Not Working
HP	-01 20' 42.36390"	30 27' 13.02754"	0	2009/12/7	RWIMIYAGA KIREBE RUKINDO 541 Not Working
HP	-01 15' 18.52256"	30 14' 04.34868"	0	2009/12/7	TABAGWE TABAGWE KAGARAMA 587 Working
HP	-01 16' 26.45888"	30 16' 53.10568"	0	2009/3/1	TABAGWE GITENGURE BITIBYOMA 598 Working
HP	-01 16' 48.31098"	30 15' 12.58955"	0		Nyagasigati
HP	-01 17' 18.33362"	30 14' 04.54178"	0	2009/3/1	TABAGWE NYABITEKERI KANGOMA 591
HP	-01 17' 32.40527"	30 18' 55.90066"	0	2009/3/1	TABAGWE GITENGURE NSHULI 600 Not
HP	-01 17' 35.73365"	30 17' 01.40021"	0	2009/3/1	TABAGWE GITENGURE GITENGURE 597 Working
HP	-01 17' 38.17647"	30 15' 36.13209"	0		Nyabitekeri Vet
HP	-01 17' 38.65454"	30 14' 57.18220"	0		Nyabitekeri T/C

4.3 Données de localisation de l'ouvrage du district Nyagatare (10/12)

Name	Latitude	Longitude	Alti	Date	Comments
HP	-01 17' 45.50547"	30 14' 12.34381"	0	2009/3/1	TABAGWE NYABITEKERI MUNINI 592 Working
HP	-01 17' 50.75831"	30 18' 20.54041"	0	2009/3/1	TABAGWE GITENGURE NSHULI 599 Working
HP	-01 18' 26.58189"	30 16' 11.51756"	0	2009/3/1	TABAGWE NYABITEKERI KABIRIZI I 595 Working
HP	-01 18' 50.14242"	30 13' 18.07734"	0	2009/3/1	TABAGWE NKOMA MUTOGO 593 Working
HP	-01 18' 59.79837"	30 15' 25.42007"	0	2009/3/1	TABAGWE NYABITEKERI II 596 Working
HP	-01 19' 15.47964"	30 12' 32.38538"	0	2009/12/7	TABAGWE NYAGATOMA RUNYERI 574 Working
HP	-01 19' 25.86944"	30 11' 17.18480"	0	2009/12/7	TABAGWE GASHONGA RWUBUZIZI 571 Not
HP	-01 19' 53.87170"	30 14' 42.81799"	0	2009/3/1	TABAGWE NKOMA BIBARE 594 Working
Kiosk	-01 20' 14.78650"	30 13' 52.10494"	0	2009/12/7	TABAGWE NYAGATOMA AKAJEVUBA 576
M.Tank	-01 18' 23.82210"	30 20' 29.92564"	1481.987	2009/12/7	Nyagatare Barija Kihira 838
M.Tank	-01 26' 40.96244"	30 17' 41.90784"	1520.199	2009/12/7	Katabagemu Kigarama Kanguka 909
Nkongi	-01 21' 19.13346"	30 20' 25.24794"	1394.988	2008/12/2	Rutaraka
Office	-01 18' 26.55081"	30 19' 46.29853"	1419.742	2008/12/2	Nyagatare district Office
Office	-01 07' 27.39688"	30 25' 27.90502"	1418.06	2009/12/7	MATIMBA MATIMBA MATIMBA I 662
Office	-01 12' 15.88022"	30 24' 13.91688"	1417.579	2009/12/7	MUSERI MUSERI MUSERI 711
Office	-01 13' 06.23602"	30 18' 00.41738"	0	2009/12/7	RWEMPASHA RWEMPASHA RWEMPASHA 542
Office	-01 17' 05.49815"	30 20' 06.43906"	1382.731	2009/12/7	NYAGATARE BARIJA BARIJA 661
Office	-01 17' 20.80555"	30 24' 46.00573"	0	2009/12/7	RWIMIYAGA GACUNDEZI BUGARAGARA 496
Office	-01 17' 29.76277"	30 15' 07.07375"	0	2009/12/7	TABAGWE NYABITEKERI KIYOJU 565 UMURENGE
Office	-01 17' 30.22976"	30 24' 41.44842"	0	2009/12/7	RWIMIYAGA GACUNDEZI BUGARAGARA 498
Office	-01 17' 40.96748"	30 19' 33.63809"	1347.884	2009/12/7	NYAGATARE NYAGATARE II 779
Office	-01 21' 08.69025"	30 15' 53.06987"	1469.009	2009/12/7	RUKOMONYAKAGARAMA 853
Office	-01 21' 41.94112"	30 17' 55.79099"	1375.281	2009/12/7	NYAGATARE BUSHOGA BUSHOGA 769
Office	-01 22' 30.05100"	30 09' 15.38222"	1532.456	2009/12/7	KARAMA NYAKIGA KABEZA 735
Office	-01 23' 13.19259"	30 13' 58.12388"	1544.953	2009/12/7	GATUMBA GATUMBAIREBERO 948
Office	-01 23' 20.52478"	30 17' 23.13485"	1370.475	2009/12/7	NYAGATAREGAKIRAGEGAKIRAGE 748
Office	-01 23' 24.90979"	30 15' 30.36179"	1473.095	2009/12/7	RUKOMORUKOMO II URUGWIRO 794
Office	-01 23' 26.60411"	30 15' 47.32790"	1459.156	2009/12/7	RUKOMO RUKOMO II NYARUBUYE 813
Office	-01 24' 07.73726"	30 16' 08.50523"	1397.392	2009/12/7	RUKOMO GAHORARA WAMAHORO 807
Office	-01 24' 51.60485"	30 16' 57.88484"	1381.77	2009/12/7	NYAGATARECYABAYAGACYABAYAGA 768
Office	-01 25' 44.11724"	30 23' 22.32542"	1394.748	2009/12/7	Karangazi Kizirakome Kizirakome 865
Office	-01 26' 10.29392"	30 08' 04.89678"	1561.055	2009/3/1	KIYOMBE KARUJUMBA KABARE 966
Office	-01 26' 10.37660"	30 08' 05.05068"	0	2009/3/1	KIYOMBE KARUJUMBA KABARE 628 UMURENGE
Office	-01 26' 14.03561"	30 09' 59.88258"	1581.242	2009/12/7	GATUNDA NYANGARA RYANYABUGWENDE 900
Office	-01 26' 45.10303"	30 15' 07.02274"	1391.143	2009/12/7	Mimuli Sector Office
Office	-01 28' 25.50260"	30 16' 35.95829"	1437.526	2009/12/7	Katabagemu Bayigabirire Gikandura 885
Office	-01 26' 09.59598"	30 08' 04.94023"	1561.055	2009/6/2	Sector Office Kiyombi
Office	-01 08' 09.40959"	30 23' 23.59954"	0	2009/6/3	Sector Office Musheli
Office	-01 25' 29.53554"	30 12' 33.90408"	1449.783	2009/6/3	Sector Office Mukara
PDRCIU	-01 18' 34.63194"	30 19' 45.65734"	1409.648	2008/12/2	02-dec-08 11:19:28pm
Plant	-01 23' 26.17955"	30 07' 52.93549"	1638.2	2009/6/2	Tovu Plant
Plant	-01 26' 04.74537"	30 06' 34.10276"	1663.915	2009/6/2	Gatoki Plant
Plant	-01 04' 42.02179"	30 24' 58.74797"	1423.106	2009/6/3	Filtration Plant & Tank
Plant	-01 10' 01.77474"	30 21' 42.46326"	1451.465	2009/6/3	Filtration Plant & Tank
Psta	-01 03' 49.23874"	30 24' 55.75100"	1297.415	2009/12/7	MATIMBA RWENTANGA MITAYAYO 680
Psta	-01 09' 53.37044"	30 20' 45.18776"	1322.409	2009/12/7	MUSERI KIJOJO KIJOJO 712
S.Tank	-01 24' 05.06165"	30 07' 11.26700"	0	2009/3/1	KIYOMBE KARAMBO RUGARAMA 629 Working
SP	-01 23' 01.58463"	30 22' 53.57874"	1374.08	2009/12/7	Karangazi Mbare Mbare 870
SP	-01 16' 32.89271"	30 10' 17.80072"	0	2009/12/7	TABAGWE GISHURO NYAGATARE 567 Public in use Working
SP	-01 17' 14.10432"	30 12' 28.04018"	0	2009/12/7	TABAGWE TABAGWE TABAGWE 566 Working public in use
SP	-01 18' 41.20101"	30 12' 02.04638"	0	2009/12/7	TABAGWE NYAGATOMA MUTUNGISA 573 Working public in use
SP	-01 18' 42.12798"	30 10' 29.29130"	0	2009/12/7	TABAGWE SHONGA NYAKANONI 570 Public in use
SP	-01 19' 00.45498"	30 10' 48.68044"	0	2009/12/7	TABAGWE SHONGA NYAKIGANDO 568 Public in use
SP	-01 19' 18.85922"	30 10' 12.72169"	0	2009/12/7	TABAGWE SHONGA NYAKANONI 569 Public in use
SP	-01 19' 45.45171"	30 10' 25.64134"	0	2009/12/7	TABAGWE SHONGA MOSHONGA 572 Working Public in use
SP	-01 22' 08.24303"	30 09' 09.07146"	1500.011	2009/12/7	KARAMA NDEGO KABABANDA 799
SP	-01 22' 10.05262"	30 08' 15.09378"	1694.437	2009/12/7	KARAMA NDEGO RUBANDA 800
SP	-01 23' 06.45002"	30 06' 42.66608"	0	2009/3/1	KIYOMBE KARAMBO RWAKASHANDE 631 Public In use not constructed
SP	-01 23' 31.30112"	30 07' 42.84952"	1651.898	2009/12/7	KIYOMBE TOVU GASHURO 737
SP	-01 24' 04.84922"	30 07' 20.82641"	0	2009/3/1	KIYOMBE KARAMBO RUGARAMA 630 Captage
SP	-01 25' 43.48327"	30 10' 09.56510"	1542.55	2009/12/7	GATUNDA NYANGARA RAMIRO 897
SP	-01 25' 46.98083"	30 06' 23.12698"	1706.213	2009/3/1	KIYOMBE KABUNGO BITARE
SP	-01 26' 11.27461"	30 09' 53.92033"	1581.482	2009/12/7	GATUNDA NYANGARA RYANYABUKWENDE 901
SP	-01 26' 33.38191"	30 09' 55.38956"	1569.707	2009/12/7	GATUNDA NYANGARA RYANYABUKWENDE 903

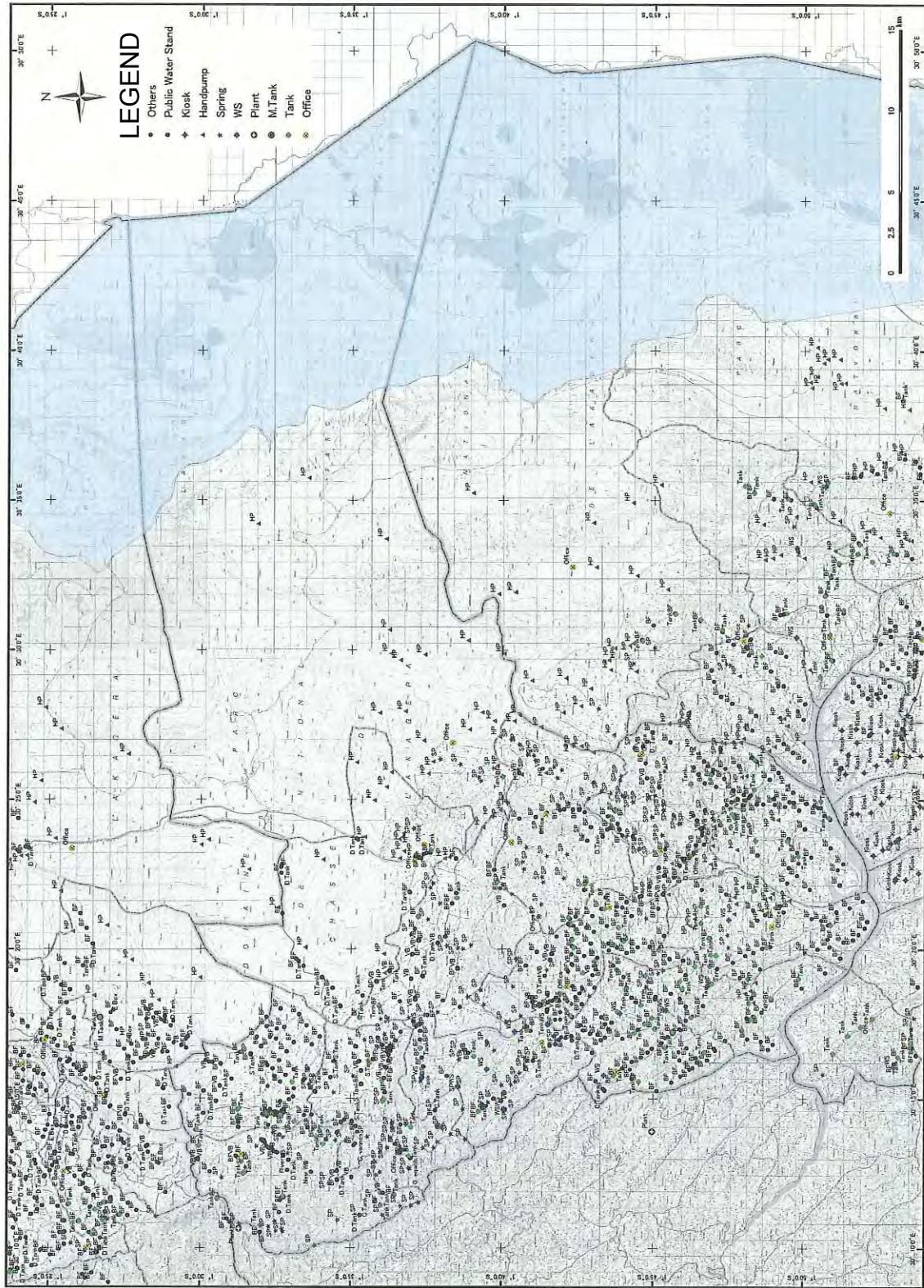
4.3 Données de localisation de l'ouvrage du district Nyagatare (11/12)

Name	Latitude	Longitude	Alti	Date	Comments
SP	-01 26' 51.24059"	30 11' 01.19458"	0	2009/3/1	MUKAMA KAGINA CYABAHURURA 605 Public in use Working
SP	-01 26' 55.89476"	30 10' 57.69912"	0	2009/3/1	MUKAMA KAGINA KABEZA 614 Public in use
SP	-01 27' 06.41915"	30 12' 30.98646"	1392.825	2009/12/7	Mimuli Mahoro Cyambwana 988
SP	-01 27' 08.26856"	30 08' 29.54965"	1720.152	2009/12/7	KIYOMBE KAJUMBA NYANGE 825
SP	-01 28' 02.61981"	30 08' 25.02704"	1831.664	2009/12/7	KIYOMBE KAJUMBA GISHORO 827
SP	-01 28' 14.03103"	30 17' 08.87906"	1389.461	2009/12/7	Katabagemu Katabagemu Kagogo 903
SP	-01 28' 15.16229"	30 14' 08.71768"	1383.212	2009/12/7	Mimuli Bibare Nyaruziba 968
SP	-01 28' 32.37855"	30 11' 03.25068"	1421.184	2009/12/7	Mimuli Gakoma Rusororo 997
SP	-01 28' 51.78550"	30 07' 59.62404"	0	2009/3/2	KIYOMBE KABUNGO KABINDI. 640 Not Working To Rheabilitate
SP	-01 29' 18.30075"	30 08' 23.33904"	0	2009/3/2	KIYOMBE KABUNGO MATABA 642 Captage
SP	-01 29' 19.57533"	30 08' 22.95280"	0	2009/3/2	KIYOMBE KABUNGO MATABA 641 Not Working Damaged by errosion actions
SP	-01 23' 31.59261"	30 07' 42.75088"	1647.813	2009/6/2	SP
Tank	-01 14' 21.30109"	30 24' 38.51212"	1432.479	2008/12/2	Tank
Tank	-01 03' 48.50036"	30 24' 56.21900"	1295.252	2009/12/7	MATIMBA RWENTANGA MITAYAYO 679
Tank	-01 04' 15.63117"	30 25' 03.22529"	1325.774	2009/12/7	MATIMBA RWENTANGA RUTAYAYO I 685
Tank	-01 04' 43.07127"	30 24' 59.30136"	1435.123	2009/12/7	MATIMBA RWENTANGA RWENTANGA 684
Tank	-01 04' 43.64973"	30 24' 59.68822"	1437.526	2009/12/7	MATIMBA RWENTANGA RWENTANGA 683
Tank	-01 09' 53.70598"	30 20' 45.92796"	1322.409	2009/12/7	MUSHERI KIJOJO KIJOJO 713
Tank	-01 13' 33.27268"	30 24' 56.91726"	0	2009/12/7	RWIMIYAGA RWIMIYAGA MUYANGE 527 Not in use but in construction process
Tank	-01 13' 36.67158"	30 25' 19.12595"	0	2009/12/7	RWIMIYAGA RWIMIYAGA BYIMANA Not in use but in construction process
Tank	-01 13' 47.79524"	30 24' 39.28547"	0	2009/12/7	RWIMIYAGA NYARUPFUBIRE RWIMIYAGA 519 In construction process
Tank	-01 13' 50.20922"	30 24' 53.67287"	0	2009/12/7	RWIMIYAGA RWIMIYAGA MUYANGE 525 Not in use but in construction Process
Tank	-01 15' 26.44045"	30 24' 59.21536"	0	2009/12/7	RWIMIYAGA KABEZA KABEZA II 520 Not in use but in construction process
Tank	-01 16' 51.18108"	30 25' 37.04740"	0	2009/12/7	RWIMIYAGA GACUNDEZI RUKUNDO II 502 In construction process not yet in use
Tank	-01 17' 15.97757"	30 24' 34.78579"	0	2009/12/7	RWIMIYAGA NYARUPFUBIRE NYARUPFUBIRE I 511 Temporaly working
Tank	-01 17' 21.88701"	30 24' 45.33008"	0	2009/12/7	RWIMIYAGA GACUNDEZI BUGARAGARA 497 It is in construction process not in use
Tank	-01 17' 42.33832"	30 23' 55.46677"	0	2009/12/7	RWIMIYAGA NYARUPFUBIRE NYARUPFUBIRE II 508 In construction process
Tank	-01 17' 42.82112"	30 24' 48.99938"	0	2009/12/7	RWIMIYAGA GACUNDEZI GACUNDEZI II 504 In construction process
Tank	-01 17' 44.77162"	30 24' 16.67124"	0	2009/12/7	RWIMIYAGA GACUNDEZI BUGARAGARA 507 In construction process
Tank	-01 19' 13.20083"	30 10' 38.63827"	0	2009/12/7	TABAGWE MOSHONGA GIKOBA 581 In use
Tank	-01 20' 40.58268"	30 10' 44.05465"	1527.169	2009/12/7	KARAMA KABUGA KABUGA CENTRE 790
Tank	-01 20' 42.58176"	30 12' 16.28741"	1494.965	2009/12/7	KARAMA BUSHARA IHURIRO 777
Tank	-01 20' 58.01663"	30 11' 18.11555"	1518.757	2009/12/7	KARAMA KABUGA GIKUNDAMVURA CENTRE
Tank	-01 21' 12.00284"	30 11' 48.46466"	1495.445	2009/12/7	KARAMA KABUGA KABEZA 772
Tank	-01 21' 41.92785"	30 09' 45.05918"	1537.262	2009/12/7	KARAMA NDEGO NDEGO CENTRE 793
Tank	-01 21' 45.21268"	30 10' 37.59391"	1504.818	2009/12/7	KARAMA NDEGO RUSOROZA 791
Tank	-01 21' 45.93296"	30 10' 25.62082"	1503.376	2009/12/7	KARAMA NDEGO RUSOROZA 792
Tank	-01 21' 46.93929"	30 09' 30.45758"	1548.798	2009/12/7	KARAMA NDEGO NDEGO CENTRE 796
Tank	-01 22' 22.55466"	30 12' 10.93799"	1440.41	2009/12/7	KARAMA CYINKWANZI KABEZA 806
Tank	-01 22' 43.86776"	30 11' 06.33574"	1484.871	2009/12/7	KARAMA GIKAGATI NYABIGEGA 810
Tank	-01 22' 49.42597"	30 11' 04.81798"	1493.523	2009/12/7	KARAMA CYINKWANZI RUREMBO 809
Tank	-01 22' 59.02882"	30 09' 13.51652"	1544.472	2009/12/7	KARAMA NYAKIGA KABEZA 820
Tank	-01 23' 01.37461"	30 22' 52.98251"	1376.002	2009/12/7	Karangazi Mbare Mbare 869
Tank	-01 23' 12.76833"	30 10' 28.23305"	1501.934	2009/12/7	KARAMA NYAKIGA MABARE 814
Tank	-01 23' 25.87599"	30 09' 37.88392"	1511.307	2009/12/7	KARAMA NYAKIGA KARAMA CENTRE 819
Tank	-01 23' 43.44771"	30 09' 10.87258"	1507.221	2009/12/7	KARAMA NYAKIGA KARAMA CENTRE 823
Tank	-01 25' 40.09554"	30 11' 28.09604"	0	2009/3/1	MUKAMA KAGINA NYAKAGARAMA 627 Not Working
Tank	-01 26' 00.29579"	30 10' 53.79809"	0	2009/3/1	MUKAMA KAGINA NYAGATARE 625 Not Working
Tank	-01 26' 26.88828"	30 10' 26.95454"	0	2009/3/1	MUKAMA KAGINA NYAGATARE 622 Working
Tank	-01 26' 32.35355"	30 11' 16.81789"	0	2009/3/1	MUKAMA KAGINA NYAKAGARAMA 602 Not Working
Tank	-01 26' 46.81817"	30 10' 56.05759"	0	2009/3/1	MUKAMA KAGINA CYABAHURURA 604 Not Working
Tank	-01 26' 48.96179"	30 11' 31.16663"	0	2009/3/1	MUKAMA KAGINA CYABAHURURA 608 In use
Tank	-01 27' 02.73118"	30 11' 35.16421"	0	2009/3/1	MUKAMA KAGINA KAGANGA 609 Not
Tank	-01 27' 21.92721"	30 11' 07.52888"	0	2009/3/1	MUKAMA KAGINA KIRERANYANA 612 Not
Tank	-01 28' 00.52869"	30 08' 26.53879"	1804.266	2009/12/7	KIYOMBE KAJUMBA GISHORO 828

4.3 Données de localisation de l'ouvrage du district Nyagatare (12/12)

Name	Latitude	Longitude	Alti	Date	Comments
Tank	-01 30' 34.48621"	30 11' 38.73692"	0	2009/3/1	MUKAMA GATETE GATETE I 618 Not
Tank	-01 26' 24.96071"	30 19' 24.99751"	1507.702	2009/9/23	Gas Tank 20m3
Tank	-01 26' 41.12387"	30 17' 41.98628"	1526.688	2009/9/23	Gas Tank 400m3
V Dam	-01 14' 22.28811"	30 27' 37.92121"	1310.633	2008/12/2	02-dec-08 7:56:39pm
VB	-01 20' 44.26461"	30 10' 32.47594"	1496.166	2009/12/7	KARAMA KABUGA KABUGA CENTRE 787
VB	-01 20' 48.13122"	30 11' 37.14155"	1547.116	2009/12/7	KARAMA KABUGA KABEZA 782
VB	-01 20' 56.12031"	30 11' 18.63654"	1520.439	2009/12/7	KARAMA KABUGA GIKUNDAMVURA CENTRE
VB	-01 20' 58.04335"	30 12' 40.69854"	1474.296	2009/12/7	KARAMA GIKUNDAMVURA GIKUNDAMVURA I 764
VB	-01 20' 59.90876"	30 10' 40.18562"	1481.747	2009/12/7	KARAMA KABUGA RUKAMBA 786
VB	-01 20' 59.92023"	30 10' 47.55522"	1460.117	2009/12/7	KARAMA KABUGA RUKAMBA 785
VB	-01 21' 33.36030"	30 11' 47.97373"	1451.946	2009/12/7	KARAMA KABUGA NYABUKONDE 783
VB	-01 21' 33.69615"	30 10' 11.01288"	1559.613	2009/12/7	KARAMA NDEGO KANYAMI 750
VB	-01 21' 48.22987"	30 09' 30.74666"	1538.224	2009/12/7	KARAMA NDEGO NDEGO CENTRE 795
VB	-01 22' 02.75061"	30 09' 09.09439"	1499.291	2009/12/7	KARAMA NDEGO KABABANDA 798
VB	-01 22' 58.55236"	30 09' 13.42386"	1544.232	2009/12/7	KARAMA NYAKIGA KABEZA 821
VB	-01 23' 12.63043"	30 10' 38.10446"	1492.802	2009/12/7	KARAMA NYAKIGA MABARE 812
VB	-01 23' 17.53988"	30 10' 13.88251"	1498.329	2009/12/7	KARAMA NYAKIGA KAVUMU 815
VB	-01 23' 18.13765"	30 09' 18.35233"	1521.4	2009/12/7	KARAMA NYAKIGA KABEZA 743
VB	-01 23' 19.52509"	30 09' 55.43028"	1497.128	2009/12/7	KARAMA NYAKIGA KAVUMU 816
VB	-01 23' 22.58300"	30 09' 48.97195"	1480.545	2009/12/7	KARAMA NYAKIGA KAVUMU 817
VB	-01 23' 31.29418"	30 07' 42.89207"	1655.263	2009/12/7	KIYOMBE TOVU GASHURO 738
VB	-01 25' 24.29266"	30 18' 47.31937"	1416.137	2009/12/7	Katabagemu Kanyeganyeye Kabeza 913
VB	-01 25' 51.54659"	30 12' 23.37851"	1460.598	2009/12/7	Mukama Gishororo Kabukunzi 039
VB	-01 26' 51.97445"	30 11' 11.85472"	0	2009/3/1	MUKAMA KAGINA CYABAHURURA 606 In use
VB	-01 27' 22.78206"	30 15' 38.54430"	1425.75	2009/12/7	Mimuli Mimuli Rebero 962
VB	-01 27' 30.96518"	30 14' 27.05615"	1376.964	2009/12/7	Mimuli Bibare Karukwanzi I 973
VB	-01 28' 08.79298"	30 16' 23.19582"	1478.622	2009/12/7	Katabagemu Bayigaburire Gikandura 891
VB	-01 28' 15.11039"	30 13' 25.56008"	1445.697	2009/12/7	Mimuli Gakoma Nyarwina 993
VB	-01 28' 15.64418"	30 16' 26.87959"	1478.382	2009/12/7	Katabagemu Bayigaburire Gikandura 890
VB	-01 28' 16.98243"	30 17' 58.01456"	1491.84	2009/12/7	Katabagemu Katabagemu Kigarama 925
VB	-01 28' 21.54155"	30 16' 31.48759"	1477.901	2009/12/7	Katabagemu Bayigaburire Gikandura 889
VB	-01 28' 23.65349"	30 16' 33.21660"	1475.979	2009/12/7	Katabagemu Bayigaburire Gikandura 888
VB	-01 28' 26.00924"	30 17' 41.60486"	1463.241	2009/12/7	Katabagemu Katabagemu Kigarama 935
VB	-01 28' 30.23342"	30 08' 05.59140"	0	2009/3/2	KIYOMBE KABUNGO KABINDI 643 Collection Chamber In use
VB	-01 28' 31.62719"	30 17' 50.70080"	1482.468	2009/12/7	Katabagemu Katabagemu Kigarama 932
VB	-01 28' 31.72526"	30 17' 50.70322"	1481.747	2009/12/7	Katabagemu Katabagemu Kigarama 931
VB	-01 28' 41.43643"	30 17' 38.14444"	1480.304	2009/12/7	Katabagemu Katabagemu Kigarama 936
VB	-01 28' 44.06074"	30 08' 05.55281"	0	2009/3/2	KIYOMBE KABUNGO KABINDI 636 In use
VB	-01 28' 45.02543"	30 16' 33.31556"	1494.965	2009/12/7	Katabagemu Bayigaburire Gikandura 945
VB	-01 28' 47.37394"	30 17' 36.18006"	1477.661	2009/12/7	Katabagemu Katabagemu Kigarama 937
VB	-01 29' 22.46790"	30 16' 46.17761"	1474.296	2009/12/7	Katabagemu Bayigaburire Gikandura 939
VB	-01 05' 29.84742"	30 24' 56.34241"	1387.298	2009/12/7	MATIMBA NYABWISHONGWEZI NYABWISHONGWEZI I 692
VB	-01 10' 21.30843"	30 23' 47.71846"	1532.215	2009/12/7	MUSHERI KIJOGO KAGWEGWE 721
VB	-01 16' 21.41058"	30 21' 22.73224"	1331.782	2009/12/7	Nyagatare Nsheke Kabare I 852
VB	-01 17' 02.29026"	30 19' 53.69650"	1324.332	2009/12/7	Nyagatare Barija Barija A
VB	-01 18' 24.08674"	30 20' 29.39305"	1471.893	2009/12/7	Nyagatare Barija kinihira 840
VB	-01 20' 29.74387"	30 12' 04.58046"	1510.826	2009/12/7	KARAMA GIKUNDAMVURA REBERO 776
VB	-01 20' 36.32621"	30 12' 12.14712"	1488.476	2009/12/7	KARAMA GIKUNDAMVURA REBERO 781
VB	-01 20' 36.55162"	30 10' 35.38481"	1518.276	2009/12/7	KARAMA KABUGA KABUGA CENTRE 753
VB	-01 20' 42.00210"	30 10' 31.03237"	1498.57	2009/12/7	KARAMA KABUGA KABUGA CENTRE 751
VB	-01 20' 42.05008"	30 10' 31.02362"	1496.166	2009/12/7	KARAMA KABUGA KABUGA CENTRE 788
VB	-01 26' 23.29023"	30 07' 15.11040"	1599.507	2009/6/2	Cyondo Junction
WS	-01 03' 49.26951"	30 24' 56.09981"	1298.617	2009/6/3	Water Source
WS	-01 09' 53.63265"	30 20' 46.31543"	1335.387	2009/6/3	Water Source

4.4 Carte de localisation de l'ouvrage du district Gatsibo



4.5 Donnée de localisation de l'ouvrage du district Gatsibo (1/17)

Name	Latitude	Longitude	Alti	Date	Comments
BF	-01 40' 48.86429"	30 17' 24.30323"	1801.142	2009/9/25	BF no work
BF	-01 49' 38.24736"	30 25' 15.32784"	1518.276	2009/1/22	22-jan-09 .15
BF	-01 40' 54.01212"	30 18' 23.30201"	0	2009/12/7	REMERA NYAGAKOMBE KIGABIRO 255 not
BF	-01 40' 55.63674"	30 17' 16.61860"	1818.206	2009/9/25	BF broken
BF	-01 40' 59.38958"	30 18' 23.14210"	1843.92	2009/9/25	BF
BF	-01 40' 59.49670"	30 18' 23.16683"	0	2009/12/7	REMERA NYAGAKOMBE KARUFURI 252 working
BF	-01 40' 59.92458"	30 18' 15.41459"	1845.603	2009/9/25	BF
BF	-01 41' 01.54346"	30 16' 16.12618"	1611.764	2009/9/24	BF broken
BF	-01 41' 01.89138"	30 16' 15.53444"	0	2009/12/7	KAGEYO NYAGISOZI KAGEYO 315 Not working
BF	-01 41' 05.29028"	30 24' 24.87881"	0	2009/12/7	RUGARAMA GIHUTA AGATARE 241 It is working
BF	-01 41' 08.22569"	30 19' 54.22246"	0	2009/12/7	REMERA NYAGAKOMBE AMATABA 257 not
BF	-01 41' 15.19940"	30 18' 07.97591"	1790.568	2009/12/7	Remera Butiruka Akabuga 710
BF	-01 41' 15.24436"	30 18' 07.96021"	1797.057	2009/12/7	REMERA KIGABIRO KIGABIRO 431
BF	-01 41' 27.47965"	30 24' 33.76228"	0	2009/12/7	RUGARAMA GIHUTA AGATARE 242 Pipes bursted but working
BF	-01 41' 28.43982"	30 17' 54.02969"	1693.956	2009/12/7	Remera Butiruka Akabuga 708
BF	-01 41' 29.71139"	30 18' 29.56568"	1696.84	2009/12/7	REMERA NYAGAKOMBE KARUFURI 437
BF	-01 41' 29.91627"	30 18' 12.66206"	1742.983	2009/12/7	Remera Butiruka Akabuga 704
BF	-01 41' 30.55025"	30 17' 29.71147"	0	2009/12/7	KAGEYO NYAGISOZI AGATARE 318 In use.
BF	-01 41' 33.96845"	30 16' 46.39487"	1618.253	2009/12/7	KAGEYO NYAGISOZI RUKIRA 316 CLEANED
BF	-01 41' 37.59366"	30 19' 50.48350"	1511.788	2009/12/7	REMERA NYAGAKOMBE NYAKANGA 445
BF	-01 41' 42.75537"	30 17' 04.76048"	0	2009/12/7	KAGEYO NYAGISOZI RUKIRA 320 Not In use
BF	-01 41' 45.23725"	30 17' 38.30255"	1674.97	2009/12/7	Remera Butiruka Urushenyi 714
BF	-01 41' 45.67841"	30 16' 49.11784"	1616.57	2009/12/7	KAGEYO GITUZA GISIZA 452
BF	-01 41' 46.14461"	30 18' 22.47822"	1740.82	2009/9/25	BF broken
BF	-01 41' 47.12016"	30 20' 25.81854"	1506.981	2009/12/7	REMERA NYAGAKOMBE NYAKANGA 444
BF	-01 41' 52.56522"	30 16' 58.53662"	1605.035	2009/12/7	KAGEYO GITUZA GISIZA 453
BF	-01 41' 53.14156"	30 18' 16.14996"	1750.433	2009/12/7	Remera Butiruka Kerekezo 698
BF	-01 41' 53.58935"	30 24' 38.76404"	0	2009/12/7	RUGARAMA GIHUTA IBARE 243 not working
BF	-01 41' 55.29212"	30 17' 53.54236"	1721.594	2009/9/25	BF broken
BF	-01 41' 55.32561"	30 17' 53.57526"	1742.983	2009/12/7	Remera Butiruka Urushenyi 712
BF	-01 41' 57.44328"	30 17' 02.73574"	1606.957	2009/12/7	KAGEYO GITUZA KABACUZI 454
BF	-01 42' 01.33342"	30 24' 40.40557"	0	2009/12/7	RUGARAMA GIHUTA IBARE 244 working
BF	-01 49' 39.20964"	30 24' 54.99421"	1525.967	2009/1/22	22-jan-09 .17
BF	-01 42' 06.24830"	30 17' 01.48319"	1624.501	2009/12/7	KAGEYO GITUZA KABACUZI 455
BF	-01 42' 07.63484"	30 18' 19.39133"	1698.762	2009/9/25	BF broken
BF	-01 42' 09.26368"	30 18' 15.55160"	1708.616	2009/12/7	Remera Butiruka Gasabo 699
BF	-01 42' 10.73048"	30 19' 15.35243"	1756.441	2009/9/25	BF broken
BF	-01 42' 11.02740"	30 20' 50.48286"	1562.497	2009/12/7	REMERA NYAGAKOMBE NYAKANGA 443
BF	-01 42' 14.14235"	30 21' 01.04044"	1553.364	2009/12/7	Rugarama Remera Rwamivu 688
BF	-01 42' 14.14235"	30 21' 01.04044"	1553.364	2009/12/7	Rugarama Remera Rwamivu 688
BF	-01 42' 17.51710"	30 19' 49.66784"	1719.911	2009/12/7	Remera Rurenge Nyagisozi 728
BF	-01 50' 50.68541"	30 20' 48.89627"	1553.845	2009/1/26	26-jan-09 .25
BF	-01 42' 17.97516"	30 17' 04.85434"	1577.878	1989/12/31	KAGEYO GITUZA KABACUZI 456
BF	-01 42' 17.98994"	30 19' 30.41933"	1769.659	2009/12/7	REMERA NYAGAKOMBE KABABITO 440
BF	-01 42' 18.45524"	30 20' 20.39885"	1661.271	2009/12/7	Remera Rurenge Nagasozi 725
BF	-01 42' 18.75608"	30 20' 06.17442"	1697.08	2009/12/7	REMERA NYAGAKOMBE KABABITO 441
BF	-01 42' 18.97093"	30 17' 43.78682"	1598.546	2009/12/7	Remera Butiruka Urushenyi 716
BF	-01 42' 19.27298"	30 16' 56.55835"	1621.377	2009/12/7	KAGEYO GITUZA KABACUZI 458
BF	-01 42' 19.64775"	30 18' 45.71348"	1763.17	2009/12/7	Remera Rurenge Rubare 735
BF	-01 42' 19.75698"	30 24' 39.72964"	0	2009/12/7	RUGARAMA GIHUTA IBARE 245 working
BF	-01 42' 22.03488"	30 20' 46.91530"	1567.784	2009/12/7	REMERA NYAGAKOMBE NYAKANGA 442
BF	-01 42' 22.96849"	30 20' 03.37718"	1697.08	2009/9/25	BF
BF	-01 42' 25.70143"	30 21' 05.57453"	1557.931	2009/12/7	Rugarama Remera Rwamivu 690
BF	-01 42' 25.70143"	30 21' 05.57453"	1557.931	2009/12/7	Rugarama Remera Rwamivu 690
BF	-01 42' 25.79195"	30 18' 23.47369"	1701.166	2009/12/7	Remera Butiruka Kerekezo 697
BF	-01 51' 10.02115"	30 22' 39.99133"	1512.268	2009/1/21	21-jan-09 .43
BF	-01 42' 26.82031"	30 20' 39.97658"	1578.599	2009/12/7	Remera Rurenge Nyagasozi 723
BF	-01 49' 00.39573"	30 16' 48.81580"	1589.894	2009/1/29	28-jan-09 .08
BF	-01 42' 31.94279"	30 24' 39.51724"	0	2009/12/7	RUGARAMA GIHUTA NTENDE2 246 working
BF	-01 42' 33.77863"	30 18' 31.25488"	1696.6	2009/12/7	Remera Butiruka Kerekezo 696
BF	-01 42' 36.13770"	30 17' 27.35239"	1698.042	2009/2/3	03-feb-09 .34
BF	-01 42' 38.97776"	30 18' 09.75139"	1576.436	2009/12/7	Remera Butiruka Kerekezo 703
BF	-01 42' 39.08790"	30 18' 09.80752"	1585.568	2009/9/25	BF stoped
BF	-01 42' 39.87486"	30 18' 40.94946"	1695.158	2009/12/7	Remera Butiruka Kerekezo 695
BF	-01 42' 41.24359"	30 17' 17.56489"	1710.058	2009/2/3	03-feb-09 .33
BF	-01 42' 41.69018"	30 19' 11.69854"	1750.673	2009/12/7	Remera Rurenge Rurenge 734
BF	-01 42' 42.82203"	30 17' 16.99760"	1708.375	2009/2/3	03-feb-09 .32
BF	-01 42' 42.99494"	30 19' 46.69504"	1649.015	2009/12/7	Remera Rurenge Kibenga 721
BF	-01 42' 43.02783"	30 22' 09.59891"	0	2009/12/7	RUGARAMA BUGARAMA AKABARE 226 In use and in good conditions
BF	-01 42' 43.16301"	30 24' 35.09482"	0	2009/12/7	RUGARAMA GIHUTA NTENDE1 247 working

4.5 Donnée de localisation de l'ouvrage du district Gatsibo (2/17)

Name	Latitude	Longitude	Alti	Date	Comments
BF	-01 42' 47.29576"	30 20' 43.79611"	0	2009/12/7	REMERA KABUSHOBORA AKAGARAMA2 259 not working
BF	-01 42' 48.24204"	30 23' 38.00879"	0	2009/12/7	RUGARAMA GIHUTA NYAGAHANGA 249 in use
BF	-01 42' 55.11708"	30 24' 04.85237"	0	2009/12/7	RUGARAMA GIHUTA NTENDE1 248 working
BF	-01 42' 55.13337"	30 17' 10.46141"	1712.701	2009/2/3	03-feb-09 .31
BF	-01 42' 55.73989"	30 20' 11.39860"	1556.008	2009/12/7	Remera Rurenge Akagarama 722
BF	-01 42' 58.62068"	30 19' 54.05286"	1595.181	2009/12/7	Remera RurengeAkagarama 720
BF	-01 42' 59.11464"	30 21' 06.85451"	0	2009/12/7	REMERA KABUSHOBORA AKAGARAMA2 261
BF	-01 49' 31.44685"	30 24' 55.89342"	1533.177	2009/1/22	22-jan-09 .14
BF	-01 42' 59.70667"	30 16' 32.14812"	1631.951	2009/12/7	KAGEYO BUSE TSA MUMPAMA 459
BF	-01 43' 00.04403"	30 19' 07.89802"	1697.321	2009/12/7	Remera Rurenge Rurenge 731
BF	-01 43' 01.70244"	30 20' 35.00920"	0	2009/12/7	REMERA KABUSHOBORA AKAGARAMA2 260
BF	-01 43' 03.21269"	30 18' 42.41293"	1555.046	2009/9/25	BF stoped
BF	-01 43' 05.44563"	30 19' 19.15896"	1696.359	2009/12/7	Remera Rurenge Rurenge 730
BF	-01 43' 06.44321"	30 15' 34.90189"	1839.114	2009/2/6	05-feb-09 .05
BF	-01 43' 08.89280"	30 19' 42.69144"	1574.994	2009/12/7	Remera Butiruka Akabuga 717
BF	-01 49' 01.18872"	30 25' 01.75912"	1543.03	2009/1/22	22-jan-09 .12
BF	-01 43' 09.92207"	30 17' 08.57306"	1700.205	2009/2/3	03-feb-09 .30
BF	-01 43' 16.01799"	30 16' 57.83506"	1681.459	2009/2/6	06-feb-09 .47
BF	-01 43' 16.53398"	30 21' 21.35776"	0	2009/12/7	REMERA KABUSHOBORA AKAMABUYE 262 not working
BF	-01 43' 16.90574"	30 17' 43.29920"	1710.779	2009/2/3	03-feb-09 .36
BF	-01 50' 53.48926"	30 20' 04.59416"	1540.386	2009/1/26	26-jan-09 .28
BF	-01 43' 23.90208"	30 15' 15.88630"	1594.701	2009/6/4	BF
BF	-01 43' 24.28892"	30 17' 02.65700"	1716.787	2009/2/3	03-feb-09 .29
BF	-01 43' 24.78922"	30 17' 29.71086"	1684.824	2009/2/3	03-feb-09 .35
BF	-01 43' 24.89604"	30 21' 44.04924"	1578.118	2009/12/7	REMERA KABUSHOBORA AKAGARAMA 2 269 working
BF	-01 43' 27.75420"	30 24' 00.00508"	0	2009/12/7	RUGARAMA BUGARAMA REBERO. 222 Not in good condition of working
BF	-01 43' 27.85076"	30 20' 46.69289"	1664.396	2009/12/7	REMERA KABUSHORA AKANKWI 270 working
BF	-01 43' 28.52667"	30 24' 26.88725"	1412.532	2009/12/7	KIZIGURO NDATEMWA GAKUNYU 186 Public in
BF	-01 43' 28.54116"	30 24' 26.89808"	1411.571	2009/2/17	KIZIGURO NDATEMWA GAKUNYU 346
BF	-01 43' 28.61629"	30 24' 26.82929"	1418.3	2009/12/7	Kiziguro Ndatemwa Bidudu 641
BF	-01 49' 46.79378"	30 22' 28.06532"	1555.767	2009/1/21	21-jan-09 .35
BF	-01 43' 30.11025"	30 20' 11.21694"	1600.469	2009/12/7	REMERA KABUSHOBORA GUMINO 275 not working
BF	-01 43' 30.37036"	30 17' 19.19252"	1712.221	2009/2/3	03-feb-09 .28
BF	-01 43' 31.67452"	30 19' 57.83380"	0	2009/12/7	REMERA KABUSHOBORA GUMINO 274 working
BF	-01 43' 33.08428"	30 24' 03.23014"	0	2009/12/7	RUGARAMA BUGARAMA REBERO Not in good condition of working
BF	-01 49' 46.79439"	30 23' 14.67431"	1554.085	2009/1/21	21-jan-09 .32
BF	-01 43' 37.04654"	30 17' 32.77543"	1658.387	2009/2/6	06-feb-09 .42
BF	-01 43' 39.73573"	30 19' 26.73408"	1676.412	2009/2/6	06-feb-09 .31
BF	-01 49' 02.80700"	30 24' 51.21270"	1540.386	2009/1/22	22-jan-09 .11
BF	-01 43' 40.93457"	30 15' 45.77990"	1856.658	2009/2/6	05-feb-09 .03
BF	-01 43' 41.93608"	30 24' 39.27733"	1460.357	2009/2/17	for school
BF	-01 43' 42.94180"	30 24' 36.87754"	1471.893	2009/12/7	Kiziguro Ndatemwa Gikunyu 644
BF	-01 43' 42.94180"	30 24' 36.87754"	1471.893	2009/12/7	Kiziguro Ndatemwa Gikunyu 644
BF	-01 43' 42.95387"	30 24' 36.79906"	1462.28	2009/2/17	for school
BF	-01 43' 42.96051"	30 24' 36.75470"	1465.885	2009/2/17	KIZIGURO NDATEMWA GAKUNYU 350
BF	-01 43' 43.01060"	30 24' 36.81356"	0	2009/12/7	KIZIGURO NDATEMWA GAKUNYU 190 Not in function
BF	-01 43' 45.59840"	30 21' 25.87676"	1562.256	2009/12/7	REMERA KABUSHOBORA RWAGITIMA 268 not working
BF	-01 43' 46.31294"	30 19' 18.77423"	1699.964	2009/2/6	06-feb-09 .30
BF	-01 43' 46.86061"	30 15' 55.49018"	1850.89	2009/2/6	05-feb-09 .02
BF	-01 43' 47.91583"	30 20' 03.27973"	0	2009/12/7	REMERA KABUSHOBORA GUMINO 272 not working
BF	-01 43' 47.99307"	30 24' 11.74669"	0	2009/12/7	KIZIGURO NDATEMWA BIDUDU 191 Public in
BF	-01 43' 48.07968"	30 24' 11.81790"	1430.797	2009/2/17	KIZIGURO NDATEMWA BIDUDU 351
BF	-01 43' 51.20277"	30 20' 43.66727"	1673.528	2009/9/28	BF
BF	-01 43' 52.31894"	30 23' 59.90849"	1419.742	2009/12/7	KIZIGURO NDATEMWA AKAMAMESA 192 Working public in use
BF	-01 43' 57.47341"	30 23' 48.19675"	1413.493	2009/2/17	KIZIGURO NDATEMWA AKAMAMESA 353
BF	-01 43' 57.55247"	30 21' 24.00350"	0	2009/12/7	REMERA KABUSHORA RWAGITIMA 265 not
BF	-01 43' 57.61312"	30 21' 23.91476"	1563.698	2009/9/28	BF
BF	-01 43' 58.42150"	30 20' 18.59406"	1715.345	2009/12/7	REMERA RWARENGA KIGARAMA 281 cleaned
BF	-01 43' 58.75222"	30 16' 00.50135"	1844.882	2009/2/6	05-feb-09 .07
BF	-01 43' 58.89827"	30 17' 00.45604"	1826.376	2009/2/6	06-feb-09 .46
BF	-01 44' 00.93205"	30 20' 16.31526"	0	2009/12/7	REMERA RWARENGA KIGARAMA 280 not working
BF	-01 44' 01.02921"	30 19' 04.46322"	1732.889	2009/2/6	06-feb-09 .28
BF	-01 44' 06.53250"	30 21' 34.52818"	0	2009/12/7	REMERA KABUSHOBORA RWAGITIMA 267 not working
BF	-01 44' 07.26636"	30 19' 52.46508"	0	2009/12/7	REMERA RWARENGA KAGASHA 283 not working

4.5 Donnée de localisation de l'ouvrage du district Gatsibo (3/17)

Name	Latitude	Longitude	Alti	Date	Comments
BF	-01 44' 07.28657"	30 18' 42.68603"	1756.922	2009/2/6	06-feb-09 .32
BF	-01 50' 53.64013"	30 24' 21.06590"	1484.39	2009/1/22	22-jan-09 .23
BF	-01 44' 14.25364"	30 15' 58.35650"	1641.084	2009/2/6	05-feb-09 .12
BF	-01 44' 15.26148"	30 20' 13.37986"	1733.129	2009/12/7	REMERA RWARENGA KABUYE 282 working
BF	-01 44' 16.88550"	30 18' 22.48546"	1736.975	2009/2/6	06-feb-09 .34
BF	-01 44' 17.03818"	30 21' 06.77729"	0	2009/12/7	REMERA KABUSHOBORA NYAGATABIRE 266 not working
BF	-01 44' 17.81820"	30 16' 13.99854"	1818.686	2009/2/6	05-feb-09 .13
BF	-01 44' 18.05145"	30 15' 39.66318"	1619.454	2009/2/6	05-feb-09 .09
BF	-01 50' 49.75512"	30 20' 20.90969"	1526.688	2009/1/26	26-jan-09 .26
BF	-01 44' 18.56382"	30 23' 46.11980"	1435.123	2009/12/7	KIZIGURO NDATEMWA NYAGASHENYI 194 Working public in use
BF	-01 44' 18.58887"	30 23' 46.18165"	1432.96	2009/2/17	KIZIGURO NDATEMWA NYAGASHENYI 354
BF	-01 44' 18.67456"	30 23' 46.11649"	1427.913	2009/12/7	Kiziguro Ndatemwa Nyagashenyi 648
BF	-01 44' 23.61781"	30 17' 11.54350"	1847.045	2009/2/3	03-feb-09 .37
BF	-01 49' 49.52793"	30 22' 53.18951"	1555.527	2009/1/21	21-jan-09 .34
BF	-01 44' 26.47899"	30 18' 13.97254"	1728.083	2009/2/6	06-feb-09 .35
BF	-01 44' 28.96026"	30 20' 03.96773"	1731.207	2009/9/28	BF
BF	-01 44' 29.01156"	30 20' 04.05222"	0	2009/12/7	REMERA RWARENGA KABUYE 277 not working
BF	-01 44' 29.56225"	30 17' 18.73568"	1846.804	2009/2/6	06-feb-09 .43
BF	-01 44' 31.74661"	30 15' 33.24982"	1538.464	2009/2/6	05-feb-09 .11
BF	-01 44' 32.68806"	30 21' 45.48618"	1550	2009/2/17	
BF	-01 44' 32.69199"	30 21' 45.48254"	1545.914	2009/2/17	KIZIGURO NDATEMWA GORORA N0 2 /360
BF	-01 44' 32.75807"	30 21' 45.53626"	0	2009/12/7	KIZIGURO NDATEMWA GORORA 200 Not in Function
BF	-01 44' 32.80092"	30 21' 45.42343"	1544.712	2009/12/7	Kiziguro Ndatemwa Gorora 654
BF	-01 44' 35.94906"	30 18' 06.62015"	1769.419	2009/2/6	06-feb-09 .36
BF	-01 44' 36.40802"	30 26' 32.58841"	0	2009/12/7	KIZIGURO MBOGO AKABUYE 214 Not working
BF	-01 44' 36.79818"	30 16' 23.45142"	1810.995	2009/2/6	05-feb-09 .14
BF	-01 49' 51.03999"	30 24' 39.47738"	1499.05	2009/1/22	22-jan-09 .26
BF	-01 44' 43.22935"	30 17' 30.65262"	1863.868	2009/2/6	06-feb-09 .44
BF	-01 44' 43.61136"	30 26' 13.00614"	0	2009/12/7	KIZIGURO MBOGO AKABUYE 217 Not working
BF	-01 44' 45.09536"	30 19' 06.25652"	1592.778	2009/2/3	03-feb-09 .23
BF	-01 44' 46.45021"	30 25' 43.55551"	0	2009/12/7	KIZIGURO MBOGO RYAMUHOZI 218 Not working
BF	-01 44' 49.39497"	30 16' 32.82283"	1830.462	2009/2/6	05-feb-09 .15
BF	-01 44' 51.51325"	30 22' 05.13214"	1577.397	2009/12/7	Kiziguro Ndatemwa Gorora 653
BF	-01 44' 51.56334"	30 22' 05.17649"	1576.436	2009/2/17	KIZIGURO NDATEMWA GORORA 359
BF	-01 44' 51.66443"	30 22' 05.15716"	0	2009/12/7	KIZIGURO NDATEMWA IGORORA 199 Working Public in use
BF	-01 44' 53.28663"	30 20' 05.23025"	0	2009/12/7	REMERA RWARENGA KABUYE 276 working
BF	-01 44' 57.01382"	30 27' 15.49948"	0	2009/12/7	KIZIGURO MBOGO AKAVUMU 209 Not working
BF	-01 44' 57.33700"	30 16' 40.68577"	1842.959	2009/2/6	05-feb-09 .16
BF	-01 44' 58.05757"	30 17' 41.20235"	1857.379	2009/2/6	06-feb-09 .38
BF	-01 49' 51.52158"	30 19' 00.06492"	1650.697	2009/1/29	28-jan-09 .23
BF	-01 49' 56.73881"	30 18' 42.14498"	1603.833	2009/1/29	28-jan-09 .21
BF	-01 45' 02.76726"	30 17' 19.49579"	1788.165	2009/2/6	05-feb-09 .18
BF	-01 45' 03.37046"	30 18' 19.60225"	1625.463	2009/2/3	03-feb-09 .26
BF	-01 45' 04.85868"	30 18' 24.53584"	1657.186	2009/2/3	03-feb-09 .25
BF	-01 45' 07.29168"	30 15' 15.35702"	1503.376	2009/1/29	29-jan-09 .43
BF	-01 45' 09.35715"	30 21' 21.88552"	1572.831	2009/9/28	BF broken
BF	-01 45' 09.56656"	30 21' 21.82126"	0	2009/12/7	REMERA RWARENGA CYERU 290 Not working
BF	-01 45' 10.27054"	30 22' 44.00306"	1530.293	2009/2/17	MURAMBI MURAMBI KIGARAMA 366
BF	-01 45' 10.30162"	30 22' 43.98917"	1511.066	2009/12/7	Kiziguro Ndatemwa Kigarama 661
BF	-01 45' 10.35835"	30 22' 43.99342"	0	2009/12/7	KIZIGURO NDATEMWA KIGARAMA 207 Public in use Working
BF	-01 45' 11.26601"	30 19' 58.35518"	0	2009/12/7	REMERA RWARENGA GAHASHA 284 not working
BF	-01 45' 11.30463"	30 19' 58.27796"	0	2009/12/7	REMERA RWARENGA NYARUBUYE 285 working
BF	-01 49' 27.20578"	30 22' 12.90727"	1515.633	2009/1/21	21-jan-09 .38
BF	-01 45' 13.91868"	30 23' 18.13535"	1506.981	2009/2/17	KIZIGURO NDATEMWA RUKUNGU
BF	-01 45' 13.96877"	30 23' 18.08315"	1512.749	2009/12/7	Kiziguro Ndatemwa Kinunga 632
BF	-01 45' 16.13744"	30 16' 51.56108"	1889.583	2009/2/6	05-feb-09 .27
BF	-01 45' 21.23095"	30 20' 27.16858"	0	2009/12/7	REMERA RWARENGA NYAMUGARI 289 not working
BF	-01 45' 22.56347"	30 23' 20.49292"	0	2009/12/7	KIZIGURO NDATEMWA BYARUGEMA 197 Public In use Working
BF	-01 45' 22.58580"	30 23' 20.56535"	1515.633	2009/12/7	Kiziguro Ndatemwa Ryarugema 651
BF	-01 45' 22.59908"	30 23' 20.41537"	1518.517	2009/2/17	KIZIGURO NDATEMWA RYARUGEMA 357
BF	-01 45' 22.63106"	30 22' 28.48624"	1566.823	2009/12/7	Kiziguro Ndatemwa Rubungo 656
BF	-01 45' 22.69172"	30 22' 28.60302"	1563.698	2009/2/17	KIZIGURO NDATEMWA RUBUNGO 362
BF	-01 45' 22.69866"	30 22' 28.48595"	0	2009/12/7	KIZIGURO NDATEMWA RUBUNGO 202 Public in use
BF	-01 45' 22.71918"	30 16' 42.21023"	1823.973	2009/2/6	05-feb-09 .20
BF	-01 45' 22.72974"	30 22' 28.53815"	1573.312	2009/2/17	
BF	-01 45' 23.93401"	30 17' 01.37548"	1898.475	2009/2/6	05-feb-09 .26

4.5 Donnée de localisation de l'ouvrage du district Gatsibo (4/17)

Name	Latitude	Longitude	Alti	Date	Comments
BF	-01 45' 29.06525"	30 17' 03.66364"	1898.715	2009/2/6	05-feb-09 .25
BF	-01 50' 42.67610"	30 24' 28.99102"	1489.437	2009/1/22	22-jan-09 .24
BF	-01 45' 32.15998"	30 19' 40.40479"	1712.221	2009/9/28	BF
BF	-01 45' 32.35461"	30 26' 55.47304"	0	2009/12/7	KIZIGURO MBOGO NYAKABUNGO 208 Not working
BF	-01 45' 32.56704"	30 19' 40.12475"	0	2009/12/7	REMERA RWARENGA NYARUBUYE 287 working
BF	-01 45' 34.60837"	30 18' 30.93383"	1839.835	2009/2/3	30-jan-09 .13
BF	-01 45' 36.67022"	30 15' 32.42394"	1620.896	2009/1/29	29-jan-09 .42
BF	-01 45' 38.80629"	30 17' 12.33164"	1899.917	2009/2/6	05-feb-09 .24
BF	-01 45' 40.13278"	30 22' 24.53063"	1526.688	2009/12/7	Giziguro Ndatemwa Kanyonyomba 658
BF	-01 45' 40.13338"	30 22' 24.61602"	1522.843	2009/2/17	KIZIGURO NDATEMWA KANYONYOMBYA 364
BF	-01 45' 40.19524"	30 22' 24.52703"	0	2009/12/7	KIZIGURO NDATEMWA KANYONYOMBA 205 Not working
BF	-01 51' 33.79954"	30 21' 23.56870"	1520.199	2009/1/26	2009/1/26 16:25
BF	-01 45' 51.08474"	30 16' 33.51263"	1769.659	2009/1/29	28-jan-09 .34
BF	-01 45' 52.08142"	30 22' 47.61228"	1551.682	2009/2/18	KIZIGURO AGAKOMEYE AKABINGO 394
BF	-01 45' 52.64961"	30 17' 19.73386"	1879.97	2009/2/6	05-feb-09 .22
BF	-01 45' 52.78057"	30 18' 20.67376"	1824.214	2009/2/3	30-jan-09 .10
BF	-01 45' 52.96946"	30 16' 17.29967"	1761.729	2009/1/29	28-jan-09 .33
BF	-01 45' 54.30772"	30 15' 45.11034"	1643.006	2009/1/29	29-jan-09 .41
BF	-01 45' 54.67374"	30 18' 56.35796"	1814.12	2009/2/3	30-jan-09 .15
BF	-01 45' 54.80409"	30 17' 17.92064"	1874.923	2009/2/6	05-feb-09 .21
BF	-01 45' 57.81736"	30 23' 02.59408"	1586.049	2009/2/18	KIZIGURO AGAKOMEYE ISHANTI 388
BF	-01 51' 59.65034"	30 21' 36.99529"	1489.197	2009/1/26	2009/1/26 16:21
BF	-01 45' 58.23377"	30 18' 38.80012"	1851.371	2009/2/3	30-jan-09 .11
BF	-01 45' 59.71988"	30 19' 37.37010"	1747.789	2009/2/3	30-jan-09 .19
BF	-01 46' 00.26967"	30 22' 58.71785"	1583.646	2009/2/18	18-feb-09 2:00:57am
BF	-01 51' 40.32002"	30 20' 19.02707"	1507.462	2009/1/26	26-jan-09 .31
BF	-01 46' 04.31792"	30 19' 08.61136"	1782.156	2009/2/3	30-jan-09 .16
BF	-01 46' 04.77477"	30 17' 37.33667"	1871.077	2009/2/3	30-jan-09 .08
BF	-01 46' 05.11363"	30 18' 05.46624"	1829.26	2009/2/3	30-jan-09 .09
BF	-01 46' 06.40120"	30 16' 41.15831"	1763.411	2009/1/29	28-jan-09 .35
BF	-01 49' 09.78735"	30 25' 54.40454"	1480.545	2009/1/21	21-jan-09 .04
BF	-01 49' 30.79659"	30 22' 43.67024"	1545.674	2009/1/21	21-jan-09 .37
BF	-01 46' 11.88608"	30 23' 07.61186"	0	2009/12/7	KIZIGURO AGAKOMERO ISHANTI 172 Not public Working
BF	-01 46' 11.91927"	30 23' 08.15683"	1587.01	2009/2/18	KIZIGURO AGAKOMEYE ISHANTI 389
BF	-01 46' 12.01221"	30 23' 07.83877"	1582.924	2009/2/17	KIZIGURO AGAKOMEYE ISHANTI 326
BF	-01 46' 12.10002"	30 23' 07.57687"	1585.087	2009/2/17	AGAKOMEYE ISHANTI 327
BF	-01 46' 13.18842"	30 15' 58.35438"	1708.856	2009/1/29	29-jan-09 .40
BF	-01 46' 18.27047"	30 17' 44.38309"	1882.613	2009/2/3	30-jan-09 .03
BF	-01 46' 19.29491"	30 24' 28.59394"	1578.839	2009/2/17	KIZIGURO AGAKOMEYE AGATOVU 373
BF	-01 46' 19.38875"	30 16' 01.57073"	1702.367	2009/1/29	29-jan-09 .39
BF	-01 46' 19.95272"	30 23' 14.62600"	1572.11	2009/2/17	KIZIGURO AGAKOMEYE BWIZA 380
BF	-01 46' 20.36340"	30 26' 05.59792"	1617.291	2009/12/7	Kiziguro Rubona Amarende 680
BF	-01 46' 22.87787"	30 19' 25.40003"	1786.242	2009/2/3	30-jan-09 .18
BF	-01 46' 25.06253"	30 16' 21.31442"	1742.262	2009/1/29	28-jan-09 .31
BF	-01 46' 27.79607"	30 16' 12.76558"	1701.166	2009/1/29	28-jan-09 .36
BF	-01 46' 29.08152"	30 25' 51.33518"	1603.593	2009/12/7	Kiziguro Rubona Bwiza 676
BF	-01 49' 30.19399"	30 23' 41.87450"	1556.729	2009/1/21	21-jan-09 .30
BF	-01 46' 33.86785"	30 24' 02.37532"	1553.845	2009/2/17	KIZIGURO AGAKOMEYE AGATOVU 375
BF	-01 46' 34.08421"	30 21' 25.66490"	1582.684	2009/1/26	23-jan-09 .13
BF	-01 46' 36.50152"	30 23' 48.75227"	1551.682	2009/2/18	KIZIGURO AGAKOMEYE UBUTATU 383
BF	-01 46' 36.84189"	30 22' 00.11978"	1523.323	2009/1/22	22-jan-09 .35
BF	-01 46' 37.75015"	30 24' 03.60101"	1549.279	2009/2/17	KIZIGURO AGAKOMEYE AGATOVU AGATOVU 377
BF	-01 46' 39.28877"	30 18' 06.57518"	1824.935	2009/2/3	30-jan-09 .07
BF	-01 46' 39.81713"	30 26' 17.22912"	1570.908	2009/12/7	Kiziguro Rubona Rubindi 681
BF	-01 46' 40.49093"	30 23' 30.54718"	1512.268	2009/2/18	KIZIGURO AGAKOMEYE ISANGANO 385
BF	-01 46' 41.71000"	30 25' 33.32834"	1672.086	2009/12/7	Kiziguro Rubona Kigabiro 678
BF	-01 46' 42.14602"	30 24' 38.34011"	1484.15	2009/2/18	KIZIGURO AGAKOMEYE ISHANTI 384
BF	-01 46' 43.53648"	30 16' 32.60708"	1729.524	2009/1/29	28-jan-09 .30
BF	-01 46' 47.48365"	30 16' 17.00155"	1669.683	2009/1/29	28-jan-09 .37
BF	-01 46' 47.97611"	30 26' 07.85260"	1554.806	2009/12/7	Kiziguro Rubona Tubindi 675
BF	-01 46' 49.49149"	30 18' 47.68780"	1589.894	2009/2/3	30-jan-09 .05
BF	-01 46' 51.82702"	30 20' 23.06386"	1659.108	2009/1/22	22-jan-09 .31
BF	-01 50' 02.49617"	30 24' 01.58893"	1520.439	2009/1/21	21-jan-09 .44
BF	-01 46' 56.52675"	30 25' 53.18429"	1632.432	2009/12/7	Kiziguro Rubona Gatara 672
BF	-01 46' 58.06990"	30 26' 00.62632"	1620.176	2009/12/7	Kiziguro Rubona Nyarurembo 679
BF	-01 47' 01.34296"	30 16' 41.04152"	1697.561	2009/1/29	28-jan-09 .28
BF	-01 47' 03.87373"	30 16' 36.14959"	1683.862	2009/1/29	28-jan-09 .38
BF	-01 50' 05.53931"	30 24' 53.24256"	1515.873	2009/1/22	22-jan-09 .18
BF	-01 47' 04.22315"	30 25' 26.74387"	1633.634	2009/12/7	Kiziguro Rubona Kigabiro 674
BF	-01 47' 07.55868"	30 19' 21.04338"	1760.286	2009/1/26	23-jan-09 .03
BF	-01 47' 12.60180"	30 24' 09.37044"	1511.307	2009/1/21	21-jan-09 .19

4.5 Donnée de localisation de l'ouvrage du district Gatsibo (5/17)

Name	Latitude	Longitude	Alti	Date	Comments
BF	-01 51' 13.44630"	30 22' 09.30169"	1492.802	2009/1/21	21-jan-09 .42
BF	-01 51' 51.55985"	30 20' 29.94011"	1492.321	2009/1/26	26-jan-09 .32
BF	-01 50' 13.59026"	30 22' 00.47345"	1544.472	2009/1/21	21-jan-09 .36
BF	-01 50' 54.36644"	30 20' 50.02933"	1559.373	2009/1/26	26-jan-09 .24
BF	-01 47' 19.85161"	30 25' 42.24742"	1592.057	2009/12/7	Kiziguro Rubona Kigoroba 671
BF	-01 47' 23.04200"	30 26' 02.94554"	1587.25	2009/1/21	21-jan-09 .11
BF	-01 47' 23.85280"	30 16' 56.45669"	1697.321	2009/1/29	28-jan-09 .27
BF	-01 50' 15.91071"	30 23' 05.18068"	1548.317	2009/1/21	21-jan-09 .39
BF	-01 47' 25.02750"	30 21' 50.63825"	1540.146	2009/1/27	27-jan-09 .12
BF	-01 47' 26.31959"	30 24' 49.93931"	1523.563	2009/12/7	Kiziguro Rubona Nyagasambu
BF	-01 50' 17.25590"	30 21' 01.64272"	1530.293	2009/1/26	26-jan-09 .21
BF	-01 47' 34.05763"	30 24' 03.72352"	1547.596	2009/1/21	21-jan-09 .22
BF	-01 49' 13.51998"	30 21' 27.71201"	1523.804	2009/1/26	26-jan-09 .19
BF	-01 50' 44.87886"	30 19' 12.86389"	1562.737	2009/1/29	28-jan-09 .24
BF	-01 47' 36.85122"	30 24' 31.88542"	1569.466	2009/1/21	21-jan-09 .16
BF	-01 52' 08.68559"	30 20' 56.45807"	1514.671	2009/1/26	26-jan-09 .34
BF	-01 47' 39.00600"	30 25' 19.56558"	1582.684	2009/1/21	21-jan-09 .13
BF	-01 47' 39.34728"	30 19' 33.48178"	1718.469	2009/1/26	23-jan-09 .04
BF	-01 47' 41.18915"	30 24' 29.06194"	1567.784	2009/1/21	21-jan-09 .25
BF	-01 47' 47.80861"	30 25' 01.56990"	1558.652	2009/12/7	Kiziguro Rubona Rubaya 663
BF	-01 47' 48.67282"	30 25' 01.32550"	1567.063	2009/1/21	21-jan-09 .15
BF	-01 47' 50.30226"	30 26' 08.64499"	1562.737	2009/1/21	21-jan-09 .10
BF	-01 47' 53.24129"	30 19' 02.64608"	1533.177	2009/1/27	27-jan-09 .04
BF	-01 47' 58.58767"	30 17' 18.40888"	1656.946	2009/1/29	28-jan-09 .04
BF	-01 50' 55.10904"	30 23' 23.91353"	1522.362	2009/1/21	21-jan-09 .40
BF	-01 47' 59.03245"	30 24' 49.38862"	1555.767	2009/1/22	22-jan-09 .02
BF	-01 47' 59.47602"	30 24' 51.03587"	1562.497	2009/1/22	22-jan-09 .03
BF	-01 47' 59.91325"	30 25' 10.77204"	1581.482	2009/1/21	21-jan-09 .14
BF	-01 49' 20.15030"	30 21' 15.17191"	1534.138	2009/1/26	26-jan-09 .20
BF	-01 50' 21.48430"	30 24' 47.58296"	1513.229	2009/1/22	22-jan-09 .19
BF	-01 48' 03.24275"	30 24' 56.34907"	1568.745	2009/1/22	22-jan-09 .04
BF	-01 48' 04.21015"	30 19' 47.24360"	1732.889	2009/1/26	23-jan-09 .05
BF	-01 51' 20.66654"	30 22' 51.98160"	1525.727	2009/1/21	21-jan-09 .41
BF	-01 48' 07.25842"	30 17' 41.87252"	1671.365	2009/1/29	28-jan-09 .10
BF	-01 50' 29.49029"	30 20' 00.55766"	1525.967	2009/1/26	26-jan-09 .29
BF	-01 48' 09.03330"	30 16' 59.91017"	1600.709	2009/1/29	28-jan-09 .06
BF	-01 48' 09.75508"	30 18' 59.41616"	1540.386	2009/1/27	27-jan-09 .03
BF	-01 50' 29.81769"	30 24' 44.15933"	1507.942	2009/1/22	22-jan-09 .20
BF	-01 48' 10.87487"	30 25' 03.91451"	1571.869	2009/1/22	22-jan-09 .07
BF	-01 48' 11.71554"	30 24' 10.13386"	1569.707	2009/1/21	21-jan-09 .27
BF	-01 48' 12.35012"	30 18' 12.61678"	1605.035	2009/1/29	28-jan-09 .12
BF	-01 48' 13.04082"	30 25' 07.88340"	1569.947	2009/1/22	22-jan-09 .06
BF	-01 52' 03.41465"	30 20' 42.95846"	1501.694	2009/1/26	26-jan-09 .33
BF	-01 48' 14.55228"	30 17' 39.61997"	1689.63	2009/9/28	BF nouse
BF	-01 48' 14.57039"	30 17' 39.49566"	1674.009	2009/1/29	28-jan-09 .03
BF	-01 48' 15.50792"	30 25' 09.63293"	1566.102	2009/1/22	22-jan-09 .08
BF	-01 49' 22.23176"	30 24' 46.60589"	1533.417	2009/1/22	22-jan-09 .13
BF	-01 48' 17.58757"	30 18' 21.57358"	1570.427	2009/1/29	28-jan-09 .13
BF	-01 48' 17.75745"	30 26' 25.44392"	1533.177	2009/1/21	21-jan-09 .09
BF	-01 48' 20.61139"	30 21' 18.81857"	1517.555	2009/1/27	27-jan-09 .08
BF	-01 50' 35.11609"	30 24' 44.30869"	1500.492	2009/1/22	22-jan-09 .25
BF	-01 48' 20.82473"	30 17' 44.81488"	1679.296	2009/1/29	28-jan-09 .25
BF	-01 51' 22.09894"	30 20' 14.87353"	1498.57	2009/1/26	26-jan-09 .35
BF	-01 48' 21.45599"	30 17' 45.24760"	1681.699	2009/1/29	28-jan-09 .26
BF	-01 48' 21.67988"	30 19' 53.43128"	1754.278	2009/1/26	23-jan-09 .06
BF	-01 48' 23.07155"	30 21' 57.79843"	1543.03	2009/1/27	27-jan-09 .10
BF	-01 48' 26.34099"	30 26' 17.00070"	1496.647	2009/1/21	21-jan-09 .07
BF	-01 48' 27.17895"	30 24' 51.52651"	1552.162	2009/1/22	22-jan-09 .09
BF	-01 48' 28.47254"	30 20' 58.62041"	1531.494	2009/1/27	27-jan-09 .07
BF	-01 48' 28.62855"	30 23' 09.04067"	1563.698	2009/1/21	21-jan-09 .29
BF	-01 48' 34.76460"	30 19' 20.54431"	1521.16	2009/1/27	27-jan-09 .05
BF	-01 50' 37.13177"	30 20' 58.24774"	1541.107	2009/1/26	26-jan-09 .22
BF	-01 48' 37.04311"	30 16' 54.78982"	1581.723	2009/1/29	28-jan-09 .07
BF	-01 48' 37.92240"	30 17' 53.83414"	1650.937	2009/1/29	28-jan-09 .18
BF	-01 48' 38.82493"	30 20' 02.02567"	1750.914	2009/1/26	23-jan-09 .07
BF	-01 48' 40.38557"	30 24' 51.59290"	1534.859	2009/1/22	22-jan-09 .10
BF	-01 48' 44.56177"	30 21' 09.49572"	1543.511	2009/1/27	27-jan-09 .06
BF	-01 48' 50.29047"	30 16' 39.20783"	1572.35	2009/1/29	28-jan-09 .09
BF	-01 51' 15.25589"	30 19' 43.04478"	1487.755	2009/1/26	26-jan-09 .27
BF	-01 48' 52.03216"	30 25' 40.98551"	1530.533	2009/1/21	21-jan-09 .03
BF	-01 37' 32.85510"	30 17' 47.35712"	1431.759	2009/12/7	KAGEYO BUSE TSA NYARUBUYE 463
BF	-01 39' 14.14031"	30 14' 34.76551"	1582.444	2009/9/24	BF broken
BF	-01 48' 56.50287"	30 18' 18.57391"	1681.699	2009/1/29	28-jan-09 .19

4.5 Donnée de localisation de l'ouvrage du district Gatsibo (6/17)

Name	Latitude	Longitude	Alti	Date	Comments
BF	-01 37' 36.99207"	30 23' 13.48782"	1495.445	2009/12/7	KABARORE KABARORE KABINGO 633
BF	-01 39' 21.73984"	30 14' 48.49570"	1555.527	2009/12/7	KAGEYO KINTU JABIRO 296 Not working
BF	-01 40' 32.71109"	30 24' 22.09788"	0	2009/12/7	RUGARAMA GIHUTA GASHENYI II 239 In use
BF	-01 37' 48.69599"	30 14' 36.38198"	1652.62	2009/6/8	BF
BF	-01 39' 29.05905"	30 14' 45.28990"	1570.668	2009/12/7	KAGEYO KINTU JABIRO 297 In use
BF	-01 39' 43.89060"	30 22' 38.83714"	0	2009/12/7	RUGARAMA MATARE AKABARE 237 Working
BF	-01 39' 43.96241"	30 22' 38.72096"	1409.888	2009/12/7	Gitoki Bukomane Ryarukaza 773
BF	-01 39' 44.10303"	30 14' 59.46486"	1569.466	2009/12/7	KAGEYO KINTU GAKERI 294 Working
BF	-01 39' 49.91470"	30 22' 15.29713"	1430.076	2009/12/7	Gitoki Cyabusheshe Cyoto 778
BF	-01 37' 57.80940"	30 14' 03.47543"	1563.698	2009/6/8	BF Manishya Gatsibo
BF	-01 51' 07.09268"	30 21' 15.25039"	1517.555	2009/1/26	2009/1/26 16:34
BF	-01 39' 56.17538"	30 22' 01.84368"	1434.883	2009/12/7	Gitoki Cyabusheshe Cyoto 777
BF	-01 39' 58.68352"	30 14' 55.08103"	1592.297	2009/12/7	KAGEYO KINTU RUTOMA 300 In use
BF	-01 38' 03.67358"	30 18' 16.63214"	1465.645	2009/12/7	Gitoki Karubungo Kinyange et Rugarama 770
BF	-01 38' 07.23361"	30 20' 24.85475"	1453.628	2009/12/7	Gitoki Nyamirama Nyamuraza 749
BF	-01 40' 45.66938"	30 16' 14.29849"	0	2009/12/7	KAGEYO NYAGISOZI KAGEYO 313 In use
BF	-01 40' 00.83257"	30 25' 46.35815"	1413.013	2009/10/1	BF New
BF	-01 38' 11.48132"	30 15' 45.64897"	1497.608	2009/12/7	KAGEYO BUSETSA NYARUSANGE 476
BF	-01 40' 04.51571"	30 15' 12.01759"	0	2009/12/7	KAGEYO KINTU RUTOMA 305 Not working
BF	-01 40' 46.49979"	30 19' 26.79956"	0	2009/12/7	REMERA NYAGAKOMBE AKABUGA 258 not
BF	-01 38' 20.85665"	30 21' 31.56383"	1447.139	2009/12/7	Gitoki Nyamiramama Gahabo
BF	-01 40' 04.75862"	30 15' 12.08941"	1581.963	2009/9/24	BF broken
BF	-01 38' 20.90734"	30 21' 31.63169"	0	2009/12/7	GITOKI NYAMIRAMA GAHAMA 324 In use
BF	-01 38' 28.30380"	30 23' 02.01142"	0	2009/12/7	GITOKI BUKOMANE BUKOMANE. 323 Not In use
BF	-01 38' 28.54339"	30 21' 52.22153"	1444.976	2009/12/7	Gitoki Bukomane Gisaka 772
BF	-01 38' 31.34693"	30 19' 21.82580"	1491.6	2009/12/7	Gitoki Nyamirama Nyamuraza 743
BF	-01 38' 36.77841"	30 18' 03.62228"	1484.871	2009/12/7	Gitoki Mpondwa Nyaruhanga 752
BF	-01 40' 46.57070"	30 19' 26.88917"	1652.62	2009/9/25	BF no work
BF	-01 38' 45.18120"	30 16' 38.06602"	1481.266	2009/12/7	KAGEYO BUSETSA CYABUHIMBIRI 469
BF	-01 37' 24.23746"	30 23' 10.27421"	1487.995	2009/12/7	KABARORE KABARORE KABARORE I 632
BF	-01 37' 24.91428"	30 16' 03.84802"	1461.559	2009/12/7	KAGEYO BUSETSA KIVUGIZA 483
BF	-01 40' 47.52181"	30 16' 16.36846"	1575.715	2009/7/7	Health center
BF	-01 37' 21.99969"	30 19' 05.82258"	1513.47	2009/12/7	GITOKI KARUBUNGO KAMUNENDA 490
BF	-01 40' 48.30757"	30 16' 16.42552"	1588.693	2009/9/24	BF
BF	-01 37' 23.14755"	30 15' 43.05816"	1482.708	2009/12/7	KAGEYO BUSETSA KAYENZI 481
BF	-01 29' 38.05562"	30 15' 08.08096"	1472.854	2009/2/24	NGARAMA KARAMBI KAMURI 595
BF	-01 29' 51.01512"	30 13' 56.85564"	0	2009/12/7	NGARAMA BUGAMBA KINIHIRA 434 Temporaly working
BF	-01 29' 55.96832"	30 12' 58.02977"	1396.19	2009/12/7	NYAGIHANGANYAGITABIREPAR CHANCE548
BF	-01 29' 57.05763"	30 13' 25.37936"	1424.068	2009/12/7	NYAGIHANGANYAGITABIREMASHANTI545
BF	-01 30' 06.18251"	30 14' 30.51870"	1389.701	2009/2/24	NGARAMA KARAMBI KARAMBI 594
BF	-01 30' 06.56210"	30 15' 14.77044"	1439.929	2009/2/24	NGARAMA KARAMBI RUZIRANYENZI 604 Good condition with lot of water To be Rehabilitated
BF	-01 30' 10.68459"	30 16' 16.43606"	1473.575	2009/2/24	NGARAMA KARAMBI RWAGAKARA 596
BF	-01 30' 19.73826"	30 12' 33.03929"	1434.883	2009/12/7	NYAGIHANGANYAGITABIREKAMISEKE
BF	-01 30' 30.98653"	30 14' 54.45794"	1437.286	2009/2/24	NGARAMA KARAMBI KIMBUGU 606 Good condition with lot of water To be rehabilitation
BF	-01 30' 34.93039"	30 11' 40.66811"	0	2009/3/1	MUKAMA GATETE GATETE I 617 Not Working
BF	-01 30' 38.81993"	30 15' 24.94328"	1568.745	2009/2/24	NGARAMA KARAMBI RUZIRANYENZI 603
BF	-01 30' 39.84829"	30 16' 09.86700"	1501.213	2009/2/24	NGARAMA KARAMBI CYANKONDO 599
BF	-01 30' 40.94937"	30 16' 09.65064"	1505.299	2009/2/24	NGARAMA KARAMBI CYANKONDO 600
BF	-01 30' 59.76550"	30 10' 52.04042"	0	2009/3/1	MUKAMA GIHENERI GIHENERI 620 Not Working
BF	-01 31' 02.29687"	30 15' 39.44894"	1476.219	2009/2/24	NGARAMA KARAMBI RUSHENYI 607 Good condition with a lot of water To be rehabilitation
BF	-01 31' 11.97847"	30 13' 03.47693"	1458.194	2009/12/7	NYAGIHANGANYABITARENYAMIKAMBA558
BF	-01 31' 14.17218"	30 14' 19.93337"	0	2009/12/7	NGARAMA BUGAMBA KAGERERO 440 Not in use
BF	-01 31' 15.15709"	30 14' 37.70034"	0	2009/12/7	NGARAMA BUGAMBA KINYINYA 437 In use
BF	-01 31' 15.48539"	30 14' 12.15067"	0	2009/12/7	NGARAMA BUGAMBA KAJEVUBA 441 Working
BF	-01 31' 16.25786"	30 14' 02.57197"	0	2009/12/7	NGARAMA BUGAMBA CYAMUGANGA 442 Not working
BF	-01 39' 14.07302"	30 14' 34.74560"	0	2009/12/7	KAGEYO KINTU JABIRO 298 In use
BF	-01 31' 17.72557"	30 14' 40.53919"	0	2009/12/7	NGARAMA BUGAMBA KINYINYA 435 Not
BF	-01 31' 19.57951"	30 16' 32.39375"	0	2009/12/7	NGARAMA KIGASHA KINUNGA 463 Working
BF	-01 31' 22.35681"	30 12' 53.48635"	1466.366	2009/12/7	NYAGIHANGANYAGITABIREBYIMANA557
BF	-01 31' 26.22070"	30 13' 07.12085"	1484.63	2009/12/7	NYAGIHANGANYABITARENYAMIRAMA562
BF	-01 31' 40.57155"	30 16' 29.76730"	0	2009/12/7	NGARAMA KIGASHA IPERU 465 Working
BF	-01 31' 52.85392"	30 17' 03.06103"	0	2009/12/7	NGARAMA KIGASHA NYAGISA 462 Working
BF	-01 32' 00.17133"	30 10' 30.94698"	1489.197	2009/12/7	Nyagihanga Murambi Birembo 796
BF	-01 32' 00.62033"	30 10' 44.53324"	1495.205	2009/12/7	Nyagihanga Murambi Kabeza 794
BF	-01 32' 01.23529"	30 16' 44.71475"	0	2009/12/7	NGARAMA KIGASHA IPERU 456 Not working
BF	-01 32' 02.63872"	30 13' 36.76343"	1494.965	2009/12/7	NYAGIHANGAMAYANGENYARUBUYE577
BF	-01 32' 02.76485"	30 13' 36.99606"	1495.205	2009/12/7	NYAGIHANGA MAYANGE NYARUBUYE 576

4.5 Donnée de localisation de l'ouvrage du district Gatsibo (7/17)

Name	Latitude	Longitude	Alti	Date	Comments
BF	-01 32' 09.15317"	30 14' 37.66171"	0	2009/12/7	NGARAMA NGARAMA URUKUNDO 406 In use
BF	-01 32' 10.87193"	30 16' 11.26650"	0	2009/12/7	NGARAMA KIGASHA IPERU 445 Working
BF	-01 32' 11.91477"	30 14' 32.56336"	0	2009/12/7	NGARAMA NGARAMA IBARE 409 Not in use
BF	-01 32' 12.03065"	30 17' 43.36498"	0	2009/12/7	NGARAMA KIGASHA AKAJEVUBA 460 Working
BF	-01 32' 12.53276"	30 17' 24.47794"	0	2009/12/7	NGARAMA KIGASHA IKIRONGO 461 Working
BF	-01 32' 13.86528"	30 14' 24.10476"	0	2009/12/7	NGARAMANGARAMAINTSINZI 412 Not in use
BF	-01 32' 14.38670"	30 16' 06.05230"	0	2009/12/7	NGARAMA KIGASHA IPERU 446 Not working
BF	-01 32' 14.86950"	30 15' 24.47377"	0	2009/12/7	NGARAMA.NYARUBUNGOMURAMA 432
BF	-01 32' 16.00890"	30 14' 33.66413"	0	2009/12/7	NGARAMA NGARAMA IBARE 408 In use
BF	-01 32' 19.25330"	30 17' 02.46239"	0	2009/12/7	NGARAMA KIGASHA CYAHAFI 457 Not working
BF	-01 32' 19.56229"	30 14' 37.87415"	0	2009/12/7	NGARAMA NGARAMA URUKUNDO 405 In use
BF	-01 32' 21.72522"	30 14' 27.56159"	0	2009/12/7	NGARAMA NGARAMA INTSINZI 415 Not in use
BF	-01 32' 22.13077"	30 14' 33.60620"	0	2009/12/7	NGARAMA NGARAMA URUKUNDO 407 In use
BF	-01 32' 22.21013"	30 13' 20.85827"	1509.865	2009/12/7	NYAGIHANGAMAYANGENYARUBUYE578
BF	-01 32' 27.36430"	30 14' 26.59600"	0	2009/12/7	NGARAMA NGARAMA INTSINZI 415 Not in use
BF	-01 32' 27.94366"	30 15' 44.94438"	0	2009/12/7	NGARAMANYARUBUNGOKINTARAMA422
BF	-01 32' 29.08306"	30 14' 33.45173"	0	2009/12/7	NGARAMA NGARAMA URUKUNDO 404 In use
BF	-01 32' 30.80182"	30 16' 59.72009"	0	2009/12/7	NGARAMA KIGASHA CYAHAFI 454 Working
BF	-01 32' 32.07640"	30 17' 19.45684"	0	2009/12/7	NGARAMA KIGASHA CYAHAFI 458 Not Working
BF	-01 32' 33.75654"	30 14' 31.94538"	0	2009/12/7	NGARAMA NGARAMA KIYOVU 403 In use
BF	-01 32' 35.97741"	30 14' 25.49519"	0	2009/12/7	NGARAMA NGARAMA INTSINZI 416 Not in use
BF	-01 32' 37.25199"	30 16' 16.22968"	0	2009/12/7	NGARAMA KIGASHA KIZUNGURUKO 448 Working
BF	-01 32' 38.62706"	30 11' 10.92383"	1556.729	2009/12/7	Nyagihanga Murambi Umugamba 799
BF	-01 32' 39.31837"	30 14' 53.69060"	0	2009/12/7	NGARAMA NGARAMA KABEHO 400 In use
BF	-01 32' 39.43424"	30 15' 33.29932"	0	2009/12/7	NGARAMA NYARUBUNGOKINTARAMA421
BF	-01 32' 39.77612"	30 22' 44.38114"	1466.606	2009/12/7	KABARORE SIMBWA RUHUHA 658
BF	-01 32' 39.87841"	30 14' 25.57244"	0	2009/12/7	NGARAMA NGARAMA INTSINZI417 Not in use
BF	-01 32' 40.07153"	30 18' 00.14702"	0	2009/12/7	NGARAMA KIGASHA KAGARAMA 459 Working
BF	-01 32' 40.62615"	30 22' 32.99466"	1447.86	2009/12/7	KABARORE SIMBWA RUHUHA 660
BF	-01 32' 42.17653"	30 14' 34.49454"	0	2009/12/7	NGARAMA NGARAMA KIYOVU 402 In use
BF	-01 32' 42.50483"	30 14' 26.59600"	0	2009/12/7	NGARAMA NGARAMA INTSINZI 419 In use
BF	-01 32' 42.91461"	30 21' 10.96646"	1375.762	2009/12/7	KABARORE SIMBWA SIMBWA 655
BF	-01 32' 45.85756"	30 11' 43.77732"	1629.789	2009/6/9	BF
BF	-01 32' 45.91972"	30 11' 43.83557"	1630.029	2009/12/7	Nyagihangaa Kibare Gashuri 807
BF	-01 32' 45.96166"	30 14' 35.82708"	0	2009/12/7	NGARAMA NGARAMA KIYOVU 391 Not in use
BF	-01 32' 46.59896"	30 14' 37.70034"	0	2009/12/7	NGARAMA NGARAMA KIYOVU 390 In use
BF	-01 32' 46.96588"	30 17' 23.01022"	0	2009/12/7	NGARAMA KIGASHA CHAHAFI 453 Working
BF	-01 32' 49.76611"	30 15' 47.12663"	0	2009/12/7	NGARAMANYARUBUNGORUTOVU423
BF	-01 32' 52.29597"	30 16' 34.03524"	0	2009/12/7	NGARAMA KIGASHA BUYONZA 449 Working
BF	-01 33' 05.50531"	30 15' 03.92591"	0	2009/12/7	NGARAMA NGARAMA KABEHO 395 Not in use
BF	-01 33' 06.56747"	30 16' 52.32364"	0	2009/12/7	NGARAMA KIGASHA AKABUYE 450 Working
BF	-01 33' 07.06957"	30 15' 57.99924"	0	2009/12/7	NGARAMANYARUBUNGORUTOVU424
BF	-01 33' 07.66824"	30 14' 13.29007"	0	2009/12/7	NGARAMA NGARAMA RUGARAMA 388 Not in use
BF	-01 33' 10.09641"	30 19' 40.30914"	1457.714	2009/12/7	KABARORE SIMBWA KIBONDO 654
BF	-01 33' 15.31093"	30 19' 35.84809"	1469.49	2009/12/7	KABARORE SIMBWA KIBONDO 653
BF	-01 33' 16.51310"	30 17' 48.50196"	0	2009/12/7	NGARAMA KIGASHA IKIYOVU 452 Working
BF	-01 33' 25.35795"	30 15' 35.46223"	0	2009/12/7	NGARAMA NYARUBUNGORWIRI 429
BF	-01 33' 27.75262"	30 14' 26.57666"	0	2009/12/7	NGARAMA NGARAMA GATUNGO 385 In use
BF	-01 33' 32.11712"	30 17' 26.02288"	0	2009/12/7	NGARAMA KIGASHA RWANGINGO 451 Working
BF	-01 33' 34.31867"	30 15' 59.46692"	0	2009/12/7	NGARAMANYARUBUNGORWIRI425
BF	-01 33' 34.93635"	30 14' 00.98660"	1498.81	1989/12/31	NYAGIHANGAGITINDAISANGANO592
BF	-01 33' 42.50692"	30 16' 47.84326"	0	2009/12/7	NGARAMANYAKABUNGO RUGARAMA427
BF	-01 33' 42.68073"	30 14' 27.54226"	0	2009/12/7	NGARAMA NGARAMA GATUNGO 386 In use
BF	-01 33' 50.07719"	30 15' 12.98318"	0	2009/12/7	GATSIBO NYABICWAMBA GATUNGO 374 Not in
BF	-01 33' 52.30409"	30 13' 43.90763"	1604.794	2009/12/7	NYAGIHANGAGITINDAKIBIMBIRI584
BF	-01 33' 58.43924"	30 17' 03.79489"	0	2009/12/7	NGARAMANYARUBUNGOKIVUMU426
BF	-01 33' 58.84540"	30 13' 55.16587"	1553.124	1989/12/31	NYAGIHANGAGITINDAISANGANO589
BF	-01 34' 02.90844"	30 19' 02.83588"	1467.808	2009/12/7	KABARORE MARIMBA RWIMBOGO 649
BF	-01 34' 11.55504"	30 13' 37.72510"	1654.062	1989/12/31	NYAGIHANGAGITINDAKIZIBA583
BF	-01 34' 20.16513"	30 15' 42.45314"	0	2009/12/7	GATSIBO NYABICWAMBA AGAKENYERI 372 Not in use
BF	-01 34' 22.64309"	30 18' 41.63022"	1476.459	2009/12/7	KABARORE MARIMBA RWIMBOGO 647
BF	-01 34' 26.48013"	30 16' 15.07094"	0	2009/12/7	GATSIBO NYABICWAMBA NYABIHEKE 369 Not In
BF	-01 34' 32.68800"	30 13' 51.41755"	1674.489	1989/12/31	NYAGIHANGAGITINDAKIZIBA586
BF	-01 34' 32.85336"	30 12' 16.15975"	1526.448	2009/12/7	Nyagihanga Nyamirama Nyakabungo 833
BF	-01 34' 38.40523"	30 18' 06.09026"	1453.388	2009/12/7	KABARORE MARIMBA MARIMBA 646
BF	-01 34' 40.63575"	30 14' 12.63347"	0	2009/12/7	GATSIBO GATSIBO GATSIBO 330 In use.
BF	-01 34' 46.98937"	30 14' 17.17177"	0	2009/12/7	GATSIBO GATSIBO GATSIBO In use.
BF	-01 35' 01.97541"	30 14' 14.73846"	0	2009/12/7	GATSIBO GATSIBO GATARE 328 In use
BF	-01 35' 06.45577"	30 13' 25.87937"	0	2009/12/7	GATSIBO GATSIBO MUKWIZA 336 In use
BF	-01 35' 10.06710"	30 16' 44.25125"	0	2009/12/7	GATSIBO NYABICWAMBA KADUHA 380 In use
BF	-01 35' 13.73153"	30 13' 52.93625"	1784.319	2009/6/8	BF from Mashyoza
BF	-01 35' 17.08969"	30 17' 42.30496"	1449.542	2009/12/7	Gitoki Rubira Rwintama 765

4.5 Donnée de localisation de l'ouvrage du district Gatsibo (8/17)

Name	Latitude	Longitude	Alti	Date	Comments
BF	-01 35' 17.46356"	30 16' 14.74266"	0	2009/12/7	GATSIBO NYABICWAMBA RYEBARE
BF	-01 35' 20.66933"	30 15' 29.03137"	0	2009/12/7	GATSIBO NYABICWAMBA GATOMA 377 Not in use
BF	-01 35' 44.28779"	30 16' 19.08782"	0	2009/12/7	GATSIBO NYABICWAMBA KIGARAMA 363 In use
BF	-01 35' 51.24159"	30 18' 55.42798"	1474.296	2009/12/7	KABARORE MARIMBA KABARE 641
BF	-01 35' 54.36589"	30 17' 02.39629"	1430.557	2009/12/7	GATSIBO MUGERA KARAMBO 526
BF	-01 35' 56.56322"	30 18' 05.21852"	1453.147	2009/12/7	Gitoki Rubira Nyakabota 761
BF	-01 36' 00.21016"	30 11' 26.06557"	1768.698	2009/6/8	BF
BF	-01 36' 02.33326"	30 16' 47.16462"	1439.929	2009/12/7	GATSIBO MUGERA KARAMBO 527
BF	-01 36' 06.88453"	30 15' 40.82702"	1491.119	2009/12/7	GATSIBO MUGERA KIRARITSI 519
BF	-01 36' 08.15097"	30 15' 11.79760"	1508.904	2009/12/7	GATSIBO MUGERA KAVUMU 524
BF	-01 36' 09.01156"	30 16' 03.69595"	1471.893	2009/12/7	GATSIBO MUGERA KAYISHA 518
BF	-01 36' 12.36097"	30 16' 34.12819"	1469.97	2009/12/7	GATSIBO MUGERA MUGERA 511
BF	-01 36' 12.57370"	30 16' 40.69092"	1470.691	2009/12/7	GATSIBO MUGERA MUGERA 510
BF	-01 36' 15.15848"	30 16' 15.44754"	1455.07	2009/12/7	GATSIBO MUGERA KAYISHA 531
BF	-01 36' 15.49674"	30 16' 39.42538"	1476.94	2009/12/7	GATSIBO MUGERA MUGERA 513
BF	-01 36' 15.82836"	30 16' 38.09075"	1479.824	2009/12/7	GATSIBO MUGERA MUGERA 512
BF	-01 36' 17.88327"	30 19' 15.25858"	1409.167	2009/12/7	Gitoki Rubira Burehe 767
BF	-01 36' 18.29515"	30 16' 45.85685"	1487.034	2009/12/7	GATSIBO MUGERA MUGERA 509
BF	-01 36' 19.32381"	30 16' 35.09861"	1493.042	2009/12/7	GATSIBO MUGERA MUGERA 514
BF	-01 36' 27.19915"	30 11' 47.12251"	1768.217	2009/12/7	Nyagihanga Nyamirama Butumba 826
BF	-01 36' 28.70457"	30 13' 28.95416"	1551.441	2009/6/8	BF Nyarkombe
BF	-01 36' 28.83221"	30 16' 56.22794"	1486.553	2009/12/7	GATSIBO MUGERA RURAMA 525
BF	-01 36' 36.77755"	30 13' 15.23849"	0	2009/12/7	GATSIBO NYAGAHANGA NYAGAHANGA 347 Not In use
BF	-01 36' 37.20603"	30 18' 14.82016"	1432.96	2009/12/7	Gitoki Rubira Nyamengo 755
BF	-01 36' 38.99419"	30 17' 13.41042"	1447.62	2009/12/7	GATSIBO MUGERA KAMASAPFU 529
BF	-01 36' 39.63119"	30 14' 07.45638"	1561.776	2009/6/8	BF
BF	-01 36' 39.88858"	30 14' 07.71648"	1562.977	2009/12/7	GATSIBO MUGERA KABUGA 535
BF	-01 36' 41.23860"	30 13' 16.31996"	0	2009/12/7	GATSIBO NYAGAHANGA NYAGAHANGA 358 In use
BF	-01 36' 56.67907"	30 21' 53.36906"	1430.557	2009/12/7	KABARORE KABARORE MUSHENYI 634
BF	-01 37' 00.00494"	30 14' 02.98838"	1613.446	2009/12/7	GATSIBO MANISHYA NYARUKONI 542
BF	-01 37' 01.64253"	30 19' 49.30637"	1471.653	2009/12/7	KARUBUNGO NYARUGARAMA 501
BF	-01 37' 04.56376"	30 17' 34.32250"	1423.827	2009/12/7	KAGEYO BUSETSA NYARUBUYE 465
BF	-01 37' 06.87968"	30 23' 04.73197"	1487.755	2009/12/7	KABARORE KABARORE KABARORE I 628
BF	-01 37' 06.96507"	30 20' 40.15943"	1406.284	2009/12/7	GITOKI KARUBUNGO KAGUGU 499
BF	-01 37' 07.77316"	30 18' 18.57089"	1482.948	2009/12/7	Gitoki Rubira Nyakagarama 757
BF	-01 37' 09.06223"	30 23' 08.22473"	1481.506	2009/12/7	KABARORE KARENJE NYARUBUYE 626
BF	-01 37' 10.15697"	30 17' 25.30385"	1452.667	2009/12/7	Kageyo Busetza Nyarubuye 740
BF	-01 37' 13.47771"	30 21' 05.62007"	1396.43	2009/12/7	Gitoki Nyamirama Nyabikenke 784
BF	-01 37' 14.29968"	30 23' 03.03767"	1487.274	2009/12/7	KABARORE KABARORE KABARORE I 629
BF	-01 37' 14.46896"	30 20' 17.92511"	1429.836	2009/12/7	GITOKI KARUBUNGO NYAGACYAMO 496
BF	-01 37' 15.18018"	30 23' 04.25551"	1484.871	2009/12/7	KABARORE KABARORE KABARORE I 630
BF	-01 48' 53.60397"	30 20' 05.32169"	1751.154	2009/1/26	23-jan-09 .09
BF	-01 37' 16.19526"	30 17' 27.89102"	1482.708	2009/12/7	Kageyo Busetza Nyarubuye 739
BF	-01 37' 16.22362"	30 17' 27.96947"	1480.064	2009/12/7	KAGEYO BUSETSA NYARUBUYE 461
BF	-01 37' 18.26978"	30 16' 58.56046"	1451.706	2009/12/7	GITOKI BUSETSA NYARUBUYE 486
BF	-01 37' 18.30509"	30 17' 15.86213"	1480.545	2009/6/9	2009/6/9 14:10
BF	-01 37' 18.54709"	30 23' 02.29052"	1482.468	2009/12/7	KABARORE KABARORE KABARORE I 631
BF	-01 37' 19.37086"	30 16' 41.50805"	1435.844	2009/12/7	KAGEYO BUSETSA RWIKUBO 467
BF	-01 37' 21.37719"	30 16' 21.87206"	1462.04	2009/12/7	KAGEYO BUSETSA RWIKUBO 485
Building	-01 41' 18.54850"	30 16' 52.00979"	1745.626	2009/12/7	Kageyo Nyagisozi Rukira
Building	-01 31' 21.58735"	30 13' 08.97784"	1475.498	2009/12/7	Nyagihanga Nyagitabira nyamirama 792
C.vannes	-01 42' 42.75746"	30 21' 59.22842"	0	2009/12/7	RUGARAMA BUGARAMA AKABARE 227 Not
C.equilib	-01 36' 59.35317"	30 13' 00.04004"	0	2009/12/7	GATSIBO NYAGAHANGA NYAGAHANGA 350 In
C.VANN	-01 40' 06.00273"	30 14' 37.85453"	0	2009/12/7	KAGEYO KINTU RUTOMA 302 In use
C.vanne	-01 35' 09.46843"	30 13' 29.47138"	0	2009/12/7	GATSIBO GATSIBO MUKWIZA 335 In use
C.vanne	-01 35' 10.47265"	30 14' 04.46453"	0	2009/12/7	GATSIBO GATSIBO MUKWIZA 332 In use
C.EQUIL	-01 33' 27.63675"	30 15' 38.97698"	0	2009/12/7	NGARAMA NYARUBUNGORWIRI428
C.Tank	-01 43' 20.60427"	30 15' 19.80148"	1616.33	2009/6/4	Collect Tank for SP
C.Tank	-01 44' 18.86859"	30 15' 44.75880"	1615.369	2009/6/4	Relay Tank for SP
C.Tank	-01 37' 48.39243"	30 14' 36.48728"	1654.302	2009/6/8	Tank Collect Gishuro
C.Tank	-01 32' 38.36545"	30 11' 11.50170"	1559.373	2009/12/7	Nyagihanga Murambi Umugamba 798
C.Tank	-01 32' 42.44358"	30 11' 40.07609"	1652.86	2009/12/7	Nyagihanga Kibare Gashuri 809
C.Tank	-01 32' 45.40132"	30 11' 42.80629"	1639.161	2009/6/9	Tank Collect
C.Tank	-01 35' 19.04170"	30 11' 05.92177"	1855.216	2009/12/7	Nyagihanga Murambi Kanyinya 816
C.Tank	-01 36' 00.46483"	30 11' 25.39388"	1775.427	2009/6/8	Tank Collect Rwobe1
C.Tank	-01 36' 27.51810"	30 11' 45.90434"	1781.676	2009/6/8	Tank Collect Rwobe2
C.VANN	-01 40' 59.45808"	30 18' 22.41364"	0	2009/12/7	REMERA NYAGAKOMBE KARUFURI 253 working
D Tank	-01 44' 46.64333"	30 26' 56.92142"	0	2009/12/7	KIZIGURO MBOGO AKABUYE 211 Not in use but Good infrastructure
D.Tank	-01 41' 24.04334"	30 19' 06.54557"	1575.474	2009/12/7	REMERA NYAGAKOMBE NYAMAREBE 448
D.Tank	-01 41' 30.46033"	30 18' 29.07144"	1700.685	2009/12/7	REMERA NYAGAKOMBE KARUFURI 435 3m3
D.Tank	-01 42' 18.95705"	30 16' 56.50525"	1623.54	2009/12/7	KAGEYO GITUZA KABACUZI 457

4.5 Donnée de localisation de l'ouvrage du district Gatsibo (9/17)

Name	Latitude	Longitude	Alti	Date	Comments
D.Tank	-01 42' 19.55934"	30 19' 28.33604"	1773.745	2009/12/7	REMERA NYAGAKOMBE KABABITO 438 5m3
D.Tank	-01 43' 18.19481"	30 23' 46.10051"	0	2009/12/7	RUGARAMA BUGARAMA REBERO 223 In use
D.Tank	-01 44' 35.91376"	30 21' 46.86062"	1560.814	2009/2/17	KIZIGURO NDATEMWA GORORA 361
D.Tank	-01 46' 01.21474"	30 23' 02.01080"	1585.087	2009/2/18	KIZIGURO AGAKOMEYE ISHANTI 392
D.Tank	-01 46' 12.10002"	30 23' 07.57687"	1585.087	2009/2/17	KIZIGURO NDATEMWA AGAKOMEYE 327
D.Tank	-01 46' 19.95212"	30 23' 12.04152"	1577.157	2009/2/17	KIZIGURO AGAKOMEYE ISHANTI 381
D.Tank	-01 37' 52.42168"	30 20' 11.77274"	1445.457	2009/12/7	GITOKI KARUBUNGO GISHARARA 492
D.Tank	-01 37' 24.02835"	30 16' 03.77832"	1468.769	2009/12/7	KAGEYO BUSETSA RWIKUBO 484
D.Tank	-01 37' 23.22841"	30 19' 04.98432"	1515.633	2009/12/7	GITOKI KARUBUNGO SATA 489
D.Tank	-01 30' 31.18810"	30 14' 54.91237"	1438.247	2009/2/24	NGARAMA KARAMBI KIMBUGU 605 Good condition lot of with water To be rehabilitation
D.Tank	-01 30' 39.10719"	30 15' 25.64514"	1568.024	2009/2/24	NGARAMA KARAMBI RUZIRANYENYENZI 601
D.Tank	-01 32' 00.98424"	30 16' 44.11607"	0	2009/12/7	NGARAMA KIGASHA IPERU 455 Not working
D.Tank	-01 32' 20.16096"	30 13' 18.94969"	1521.4	2009/12/7	NYAGIHANGANYABITARENYARUBUYE570
D.Tank	-01 32' 40.00666"	30 11' 35.36786"	1717.268	2009/12/7	Nyagihanga Kibare Gashuri 810
D.Tank	-01 32' 41.55885"	30 22' 49.04015"	1473.335	2009/12/7	KABARORE SIMBWA RUHUHA 659
D.Tank	-01 32' 45.35817"	30 11' 43.52806"	1636.037	2009/12/7	Nyagihanga Kibare Gashuri 808
D.Tank	-01 32' 46.93903"	30 11' 41.36633"	1646.371	2009/12/7	Nyagihanga Kibare Gashuri 806
D.Tank	-01 32' 47.04313"	30 14' 31.90675"	0	2009/12/7	NGARAMA NGARAMA KIYOVU 392 In use
D.Tank	-01 32' 56.56963"	30 12' 56.75008"	1548.077	2009/12/7	NYAGIHANGAMAYANGENYARUBUYE564
D.Tank	-01 32' 56.95014"	30 14' 57.74608"	0	2009/12/7	NGARAMA NGARAMA KABEHO 393 Not in use
D.Tank	-01 33' 25.65427"	30 19' 25.62575"	1487.995	2009/12/7	KABARORE SIMBWA KIBONDO 651
D.Tank	-01 34' 02.92594"	30 19' 03.38959"	1467.808	2009/12/7	KABARORE MARIMBA RWIMBOGO 650
D.Tank	-01 34' 23.30453"	30 18' 41.54450"	1479.824	2009/12/7	KABARORE MARIMBA RWIMBOGO 648
D.Tank	-01 34' 32.95595"	30 12' 17.70260"	1531.254	2009/12/7	Nyagihanga Nyamirama Nyakabungo 831
D.Tank	-01 34' 39.01386"	30 18' 03.96324"	1461.319	2009/12/7	KABARORE MARIMBA MARIMBA 645
D.Tank	-01 35' 10.78858"	30 23' 41.24807"	1458.435	2009/12/7	RUKOMO GAHORORA RAMBURA 797
D.Tank	-01 35' 12.75869"	30 23' 39.94271"	1461.078	2009/12/7	RUKOMO GAHORARA RAMBURA 777
D.Tank	-01 35' 19.22456"	30 11' 05.59345"	1855.456	2009/12/7	Nyagihanga Murambi Kanyinya 815
D.Tank	-01 35' 23.89895"	30 18' 25.77452"	1453.628	2009/12/7	KABARORE MARIMBA NYARWANYI 644
D.Tank	-01 35' 51.76995"	30 18' 54.51307"	1475.017	2009/12/7	KABARORE MARIMBA KABARE 643
D.Tank	-01 36' 09.82809"	30 16' 03.10814"	1474.777	2009/12/7	GATSIBO MUGERA KAYISHA 515
D.Tank	-01 36' 17.33107"	30 19' 16.19792"	1397.632	2009/12/7	KABARORE MARIMBA KANTERI 639
D.Tank	-01 36' 17.51272"	30 16' 38.96159"	1481.747	2009/12/7	GATSIBO MUGERA MUGERA 505
D.Tank	-01 36' 20.26497"	30 16' 40.75338"	1494.484	2009/12/7	GATSIBO MUGERA MUGERA 506
D.Tank	-01 36' 27.57573"	30 11' 45.55612"	1771.341	2009/12/7	Nyagihanga Nyamirama Butumba 823
D.Tank	-01 36' 55.58976"	30 21' 54.14425"	1430.316	2009/12/7	KABARORE MARIMBA RUTENDERI 635
D.Tank	-01 36' 59.79342"	30 19' 00.30605"	1482.708	2009/12/7	GITOKI KARUBUNGO KARUBUNGO 487
D.Tank	-01 37' 02.61567"	30 19' 49.93972"	1473.095	2009/12/7	GITOKI KARUBUNGO NYARUGARAMA 502
D.Tank	-01 37' 14.54379"	30 20' 16.79744"	1436.084	2009/12/7	GITOKI KARUBUNGO GISHARARA 494
D.Tank	-01 37' 16.46291"	30 17' 29.37383"	1481.747	2009/12/7	KAGEYO BUSETSA NYARUBUYE 460
Gatsibo	-01 37' 29.85964"	30 23' 12.89004"	1499.291	2008/12/2	Gatsibo
HP	-01 48' 03.52548"	30 18' 31.71053"	1503.857	2009/1/29	28-jan-09 .16
HP	-01 48' 15.16332"	30 18' 37.28200"	1502.174	2009/1/29	28-jan-09 .14
HP	-01 48' 20.72455"	30 18' 13.59205"	1578.358	2009/1/29	28-jan-09 .17
HP	-01 48' 25.52567"	30 18' 53.67632"	1497.368	2009/1/29	28-jan-09 .15
HP	-01 38' 15.11377"	30 23' 04.73439"	0		Bukomane Bukomane
HP	-01 32' 34.11379"	30 21' 23.54140"	1369.273	2009/12/7	KABARORE SIMBWA SIMBWA 656
HP	-01 33' 28.34660"	30 20' 03.87944"	1370.715	2009/12/7	KABARORE SIMBWA KIBONDO 652
HP	-01 34' 03.90236"	30 22' 59.54684"	1401.237	2009/12/7	KABARORE SIMBWA SIMBWA 657
HP	-01 35' 10.38242"	30 26' 14.93794"	1392.104	2009/2/24	KABARORE NYABIKIRI NYABIKIRI 612 Good condition
HP	-01 35' 26.89410"	30 23' 45.03865"	1425.269	2009/2/24	KABARORE NYABIKIRI NGARAMA 616 Good condition with lot of water To be Rehabilitation
HP	-01 35' 46.02164"	30 24' 58.78418"	1449.783	2009/2/24	KABARORE NYABIKIRI NGARAMA 615 Good condition with a lot of water To be Rehabilitation
HP	-01 36' 04.95055"	30 19' 50.23061"	1375.041	2009/12/7	KABARORE MARIMBA RUTENDERI 636
HP	-01 36' 07.50334"	30 19' 12.20791"	1409.408	2009/12/7	Gitoki Rubira Burehe 766
HP	-01 36' 09.47595"	30 25' 25.65307"	1461.559	2009/2/24	KABARORE NYABIKIRI NYABIKIRI 614 Good condition
HP	-01 36' 19.41645"	30 25' 55.08682"	1461.319	2009/2/24	KABARORE KARENGE KARENGE 613 Good condition alot of water To be Rehabilitation
HP	-01 36' 34.79178"	30 23' 40.51447"	1472.614	2009/2/24	KABARORE NYABIKIRI KABEZA 610 Good condition
HP	-01 36' 35.95770"	30 23' 02.47250"	1447.139	2009/2/24	KABARORE NYABIKIRI KABEZA 617 Good Condition
HP	-01 36' 41.09316"	30 23' 45.24112"	1470.691	2009/2/24	KABARORE KARENGE NYARUBUYE 619 Good Condition with lot of water To be rehabilitation
HP	-01 36' 43.74070"	30 23' 52.30234"	1475.738	2009/2/24	KABARORE NYABIKIRI KABEZA 611 Good condition with a lot of water Tobe Rehabiritation
HP	-01 36' 43.90455"	30 23' 16.42355"	1446.899	2009/2/24	KABARORE NYABIKIRI KABEZA 618 Good Condition
HP	-01 37' 06.95723"	30 23' 11.36864"	1480.064	2009/12/7	KABARORE KARENGE NYARUBUYE 625
HP	-01 38' 05.51784"	30 23' 02.31169"	0		Kabingo
HP	-01 47' 00.19903"	30 24' 06.68275"	1488.235	2009/1/21	21-jan-09 .18

4.5 Donnée de localisation de l'ouvrage du district Gatsibo (10/17)

Name	Latitude	Longitude	Alti	Date	Comments
HP	-01 47' 46.10796"	30 23' 19.71319"	1470.451	2009/1/21	21-jan-09 .21
HP	-01 47' 55.66011"	30 25' 46.36661"	1472.374	2009/1/21	21-jan-09 .06
HP	-01 48' 05.58401"	30 25' 48.58626"	1465.645	2009/1/21	21-jan-09 .05
HP	-01 48' 57.98445"	30 24' 21.83656"	1465.404	2009/1/22	22-jan-09 .27
HP	-01 49' 08.68088"	30 24' 20.39829"	0		Businde
HP	-01 49' 28.00954"	30 25' 29.27758"	0		Mataba
HP	-01 45' 18.77291"	30 21' 49.94453"	1506.26	2009/12/7	Kiziguro Murambi Ryampunga
HP	-01 45' 22.29311"	30 26' 05.91868"	0	2009/12/7	KIZIGURO MBOGO AKABUYE 215
HP	-01 46' 28.51001"	30 26' 33.58331"	1521.16	2009/12/7	Kiziguro Rubona Rubindi 682
HP	-01 44' 36.73389"	30 21' 55.63466"	0		Ryanyagapfumu
HP	-01 45' 29.10802"	30 21' 50.06487"	0		Mataba I
HP	-01 46' 12.54962"	30 20' 46.98470"	1519.958	2009/1/27	27-jan-09 .11
HP	-01 46' 20.19162"	30 20' 44.29219"	0		Mataba II
HP	-01 46' 21.36854"	30 21' 10.80347"	0		Ryampunga II
HP	-01 46' 21.68011"	30 21' 01.23248"	0		Ryampunga I
HP	-01 47' 41.34025"	30 21' 11.10943"	0		Kiniga I
HP	-01 47' 41.75252"	30 21' 44.85431"	1484.871	2009/1/27	27-jan-09 .13
HP	-01 47' 45.07905"	30 21' 31.57113"	0		Kiniga ii
HP	-01 47' 57.49172"	30 22' 05.43902"	0		Bushenyi
HP	-01 48' 37.14940"	30 21' 18.91819"	0		Kagenge
HP	-01 48' 43.55484"	30 21' 41.25989"	1474.056	2009/1/26	23-jan-09 .15
HP	-01 48' 46.44602"	30 21' 13.18163"	0		Kinunga
HP	-01 48' 53.06436"	30 21' 44.63285"	0		Nyakabanda
HP	-01 48' 57.97359"	30 21' 52.28064"	1472.614	2009/1/26	23-jan-09 .14
HP	-01 49' 30.84275"	30 21' 37.99166"	1458.435	2009/1/26	23-jan-09 .17
HP	-01 40' 17.67273"	30 27' 03.43925"	1354.373	2009/12/7	RUGARAMA MATUNGURU RAMBURA 418
HP	-01 40' 22.50075"	30 27' 37.90098"	0		Tinigiro
HP	-01 40' 32.34869"	30 27' 49.99176"	1337.31	2009/12/7	RUGARAMA MATUNGURU TUNGIRO
HP	-01 40' 36.51382"	30 25' 50.63193"	0		Nyabubare II
HP	-01 40' 53.49614"	30 26' 38.30180"	1345	2009/12/7	RUGARAMA MATUNGURU KABEZA 409
HP	-01 41' 15.06558"	30 27' 25.41670"	1343.077	2009/12/7	RUGARAMA MATUNGIRO NYENYERI 416
HP	-01 41' 24.96576"	30 25' 53.73714"	0		Nyabubare I
HP	-01 42' 04.33763"	30 26' 48.30439"	1367.831	2009/12/7	RUGARAMA MATUNGURU NYAMATA 414
HP	-01 42' 17.29770"	30 26' 51.44898"	0		Rukundo I
HP	-01 42' 59.70439"	30 26' 34.87003"	1377.204	2009/12/7	RUGARAMA MATUNGURU NYAAMIRAMBO 413
HP	-01 31' 51.53089"	30 34' 13.22162"	1317		Mucucu IV
HP	-01 33' 33.06616"	30 35' 44.97064"	1357	2009/12/7	RWIMBOGO MUNINI MUCUCU 484 Working
HP	-01 35' 55.60457"	30 27' 53.87224"	0	2009/12/7	RWIMBOGO NYAMATETE KIDUGUDU 488 Working
HP	-01 36' 07.50070"	30 33' 43.07011"	0	2009/12/7	RWIMBOGO MUNINI GIKOBWA Working
HP	-01 36' 14.47230"	30 30' 40.76572"	0	2009/12/7	RWIMBOGO MUNINI MUNINI 483 Working
HP	-01 36' 17.50427"	30 29' 52.93014"	0	2009/12/7	RWIMBOGO RWIKINIRO NDAMA II 470 Not working
HP	-01 36' 36.22134"	30 29' 39.85747"	0		Ndama I
HP	-01 36' 46.45281"	30 27' 57.30977"	0	2009/12/7	RWIMBOGO NYAMATETE RWIMINAZI 487 Working
HP	-01 37' 23.64754"	30 26' 58.58225"	0	2009/12/7	RWIMBOGO NYAMATETE GASHENYI 489 Not working
HP	-01 37' 25.07591"	30 29' 50.98514"	0	2009/12/7	GITOKI BUKOMANE BUKOMANE 322
HP	-01 37' 32.81107"	30 25' 52.19361"	1437		Ndama
HP	-01 37' 42.16766"	30 26' 16.36642"	0		Nyamatete Gashenyi
HP	-01 38' 53.84562"	30 27' 20.87741"	1374.56	2009/12/7	RWIMBOGO RWIKINIRO KARAMBI 475 Working
HP	-01 38' 50.94007"	30 30' 19.35846"	1350.528	2009/10/1	Kabeza II HP
HP	-01 39' 19.44173"	30 27' 55.39788"	1346.923	2009/12/7	RWIMBOGO RWIKINIRO BYIMANA 473 Working
HP	-01 39' 21.19911"	30 24' 04.87166"	1425.029	2009/12/7	RWIMBOGO KIBURARA RUBIRIZI 481 Working
HP	-01 39' 37.71079"	30 24' 26.34649"	1401.718	2009/12/7	RWIMBOGO KIBURARA ISANGANO 480 Working
HP	-01 39' 43.48849"	30 27' 38.43602"	1339.232	2009/12/7	RWIMBOGO RWIKINIRO BYIMANA 474 Working
HP	-01 39' 49.51036"	30 26' 07.56020"	0		Kiburara Rugando
HP	-01 39' 53.72900"	30 27' 06.50945"	1349.566	2009/12/7	RWIMBOGO RWIKINIRO KABUSUNZU 476 Working
HP	-01 39' 55.36187"	30 24' 39.49790"	1384.414	2009/12/7	RWIMBOGO KIBURARA KIBURARA 479 Working
HP	-01 40' 01.96654"	30 29' 53.20050"	1340.674	2009/12/7	RWIMBOGO MUNINI MAREMBO 480 Not working
HP	-01 40' 04.38053"	30 24' 56.22203"	1372.878	2009/12/7	RWIMBOGO KIBURARA KIBURARA 478 Working
M.Tank	-01 41' 13.67044"	30 18' 07.81052"	1802.824	2009/12/7	REMERA KIGABIRO KIGABIRO 429 110m3
M.Tank	-01 45' 39.19253"	30 17' 13.52324"	1887.179	2009/7/7	50+50m3
M.Tank	-01 37' 54.24605"	30 14' 04.80098"	1576.436	2009/6/8	M.Tank 50-100m3
New WS	-01 33' 41.72901"	30 12' 32.57035"	1483.188	2009/7/6	New WS for bulk line

4.5 Donnée de localisation de l'ouvrage du district Gatsibo (11/17)

Name	Latitude	Longitude	Alti	Date	Comments
Office	-01 48' 57.60636"	30 20' 46.14403"	1585.328	2009/1/27	01.Muranbi
Office	-01 41' 11.96103"	30 21' 05.13940"	1445.217	2009/12/7	Remera Sector Office
Office	-01 41' 18.72925"	30 16' 52.08463"	1741.301	2009/12/7	KAGEYO NYAGISOZI RUKIRA 450
Office	-01 41' 25.14291"	30 24' 30.40200"	1406.284	2009/12/7	RUGARAMA GIHUTA AGATARE 220
Office	-01 42' 07.37805"	30 18' 45.22100"	0	2009/12/7	REMERA NYAGAKOMBE KARUFURI 251
Office	-01 42' 07.44594"	30 18' 45.35860"	1784.319	2009/12/7	REMERA KIGABIRO NYAMAREBE 422
Office	-01 42' 43.12439"	30 22' 11.37562"	0	2009/12/7	RUGARAMA BUGARAMA AKABARE 225
Office	-01 43' 32.71736"	30 21' 25.00772"	0	2009/12/7	REMERA KABUSHOBORA AKAGARAMA2 working
Office	-01 43' 46.60865"	30 15' 54.14558"	1851.371	2009/2/6	Muhura
Office	-01 44' 35.57761"	30 26' 32.00906"	0	2009/12/7	KIZIGURO MBOGO AKABUYE 213
Office	-01 45' 14.02761"	30 23' 18.65828"	0	2009/12/7	KIZIGURO NDATEMWA KINUNGA 178
Office	-01 46' 11.48385"	30 23' 07.65560"	1590.375	2009/2/28	Kiziguro Ndatemwa Kinunga 629
Office	-01 46' 12.01221"	30 23' 07.83877"	1582.924	2009/2/17	KIZIGURO SECTOR Office 326
Office	-01 48' 03.52217"	30 24' 58.01893"	1566.582	2009/1/21	01.Kiramuruzi
Office	-01 48' 22.32834"	30 17' 43.21140"	1671.125	2009/1/29	.01Gasange
Office	-01 40' 17.89886"	30 23' 34.08850"	0	2009/12/7	RUGARAMA MATARE REBERO 238
Office	-01 48' 57.09279"	30 20' 45.95302"	1587.491	2009/1/22	28.Muranbi
Office	-01 38' 20.34730"	30 26' 53.56086"	0	2009/12/7	RWIMBOGO NYAMATETE KABEZA 469
Office	-01 40' 46.92465"	30 16' 16.73177"	0	2009/12/7	KAGEYO NYAGISOZI AKAGEYO 321
Office	-01 37' 25.36419"	30 23' 30.06798"	1507.462	2009/6/4	District Office Gastibo
Office	-01 31' 21.50437"	30 13' 08.37041"	1464.683	2009/12/7	NYAGIHANGANYAGITABIREMASHANTI543
Office	-01 32' 22.41653"	30 14' 28.07426"	1482.227	2009/6/8	CODEANGA Office
Office	-01 32' 41.03713"	30 14' 26.11320"	0	2009/12/7	NGARAMA NGARAMA INTSINZI 420
Office	-01 35' 01.55055"	30 14' 13.71494"	0	2009/12/7	GATSIBO GATSIBO GATSIBO 326
Office	-01 35' 36.93750"	30 16' 13.05919"	1475.738	2009/12/7	GATSIBO NYABICWAMBA KIGARAMA
Office	-01 35' 37.12308"	30 16' 13.35220"	0	2009/12/7	GATSIBO NYABICWAMBA KIGARAMA 325
Office	-01 36' 38.95980"	30 13' 10.44916"	0	2009/12/7	GATSIBO NYAGAHANGA NYAGAHANGA 342
Office	-01 37' 05.74239"	30 22' 56.94719"	1502.896	2009/2/24	KABARORE KABARORE NYABIKIRI KABEZA 609
Psta	-01 41' 30.80130"	30 17' 29.07416"	0	2009/12/7	KAGEYO NYAGISOZI AGATARE 319 In use
Psta	-01 44' 20.58818"	30 15' 46.72267"	1485.592	2009/6/4	Pump Station
Psta	-01 32' 16.01523"	30 14' 06.76810"	1423.827	2009/6/9	Pump station Karama
Psta	-01 32' 14.07389"	30 14' 06.91714"	0	2009/12/7	NGARAMANGARAMA INTSINZI 413 In use
RIVER	-01 45' 09.85624"	30 25' 25.51818"	0	2009/12/7	KIZIGURO NDATEMWA MISHUNZI 182 In use
River	-01 45' 09.92474"	30 25' 25.56858"	1465.645	2009/12/7	Kiziguro Ndatemwa Mushunzi 637
River	-01 32' 53.66349"	30 12' 36.00666"	1460.598	2009/6/9	River
S.Tank	-01 41' 02.10381"	30 16' 15.86273"	1612.004	2009/12/7	KAGEYO NYAGISOZI KAGEYO 314 In use 5m3
S.Tank	-01 39' 44.00647"	30 15' 00.02488"	1572.35	2009/12/7	KAGEYO KINTU GAKERI 293 T.Working
S.Tank	-01 40' 04.53502"	30 15' 11.61202"	0	2009/12/7	KAGEYO KINTU RUTOMA 304 Not working
S.Tank	-01 39' 14.07302"	30 14' 34.24351"	0	2009/12/7	KAGEYO KINTU JABIRO 299 In use
S.Tank	-01 31' 40.14669"	30 16' 28.26098"	0	2009/12/7	NGARAMA KIGASHA CYABAHIMA 467 In use
S.Tank	-01 32' 24.06196"	30 16' 00.31667"	0	2009/12/7	NGARAMA KIGASHA KIZUNGURUKO 447 Working
S.Tank	-01 33' 06.68334"	30 15' 20.03202"	0	2009/12/7	NGARAMA NYARUBUNGORWIRI430
S.Tank	-01 33' 49.09228"	30 15' 13.98740"	0	2009/12/7	GATSIBO NYABICWAMBA GATUNGO 373 Not in
S.Tank	-01 34' 19.56647"	30 15' 42.85868"	0	2009/12/7	GATSIBO NYABICWAMBA NYABIHEKE
S.Tank	-01 34' 25.30210"	30 16' 14.95510"	0	2009/12/7	GATSIBO NYABICWAMBA NYABIHEKE 370 Not in use
S.Tank	-01 34' 40.71300"	30 14' 12.13138"	0	2009/12/7	GATSIBO GATSIBO GATSIBO 329 In use
S.Tank	-01 35' 02.82513"	30 14' 13.75357"	0	2009/12/7	GATSIBO GATSIBO GATSIBO 327 In use
S.Tank	-01 35' 09.00494"	30 16' 44.63749"	0	2009/12/7	GATSIBO NYABICWAMBA KADUHA 381 In use
S.Tank	-01 35' 15.57099"	30 16' 14.06672"	0	2009/12/7	GATSIBO NYABICWAMBA KIGARAMA 368 In use
S.Tank	-01 35' 21.42250"	30 15' 28.43269"	0	2009/12/7	GATSIBO NYABICWAMBA GATOMA 378 Not In use
S.Tank	-01 35' 45.14696"	30 16' 18.31105"	0	2009/12/7	GATSIBO NYABICWAMBA AKABASHENDE 366
S.Tank	-01 36' 33.91939"	30 13' 12.68933"	0	2009/12/7	GATSIBO NYAGAHANGA MANGARAMA 344 In
S.Tank	-01 36' 38.80530"	30 13' 11.43404"	0	2009/12/7	GATSIBO NYAGAHANGA NYAGAHANGA 343 Not in use
SP	-01 40' 49.00189"	30 26' 31.17563"	1341.876	2009/12/7	ACTIVE LOG
SP	-01 41' 00.69223"	30 26' 29.20823"	1347.644	2009/12/7	RUGARAMA MATUNGURU NYABAGENDWA 410
SP	-01 41' 03.60109"	30 26' 19.65790"	1348.124	2009/2/18	RUGARAMA KANYANGESE AGAKIRE407
SP	-01 41' 11.16864"	30 21' 05.37113"	1443.054	2009/12/7	Rugarama Remera Akajevuba 693
SP	-01 41' 15.40971"	30 23' 55.67921"	0	2009/12/7	RUGARAMA GIHUTA GASHENYI 240 It is working
SP	-01 41' 16.29897"	30 21' 30.15734"	1462.761	2009/12/7	Rugarama Remera Akajevuba 692
SP	-01 41' 17.72714"	30 22' 25.14468"	0	2009/12/7	RUGARAMA MATARE GAKENYERO 231 Not good
SP	-01 41' 19.59919"	30 22' 14.91510"	1481.026	2009/12/7	Rugarama Remera Kanyiranzage 691
SP	-01 41' 27.05479"	30 23' 06.64627"	0	2009/12/7	RUGARAMA MATARE GITSIMBA B 230 Public in use
SP	-01 41' 27.65920"	30 19' 18.53346"	1543.271	2009/12/7	REMERA KIGABIRO NYAGAKOMBE 423
SP	-01 41' 40.69141"	30 26' 06.31669"	1360.141	2009/12/7	RUGARAAMA MATUNGURU NYABAGENDWA 411
SP	-01 41' 46.11866"	30 16' 58.10934"	1588.693	2009/12/7	KAGEYO GITUZA GISIZA 451
SP	-01 41' 47.55951"	30 25' 44.04281"	1364.226	2009/2/18	RUGARAMA KANYANGESE CYAMIRITA 402
SP	-01 41' 50.30572"	30 24' 48.96104"	1390.422	2009/12/7	REMERA KANYANGESE 421
SP	-01 41' 56.66628"	30 26' 00.12692"	1362.784	2009/12/7	RUGARAMA MATUNGURU KABASAZA412
SP	-01 42' 01.27428"	30 22' 23.03879"	1467.087	2009/12/7	Rugarama Remera Kanyiranzage 687

4.5 Donnée de localisation de l'ouvrage du district Gatsibo (12/17)

Name	Latitude	Longitude	Alti	Date	Comments
SP	-01 42' 07.72566"	30 23' 10.58590"	0	2009/12/7	RUGARAMA MATARE KABANA 229 Not in good conditions
SP	-01 42' 10.37471"	30 24' 53.72867"	1392.344	2009/2/18	RUGARAMA KANYANGESE KANYANGESE 401
SP	-01 42' 17.78204"	30 18' 10.94602"	1655.263	2009/12/7	Remera Butiruka Kerekezo 701
SP	-01 42' 39.01095"	30 23' 47.97377"	0	2009/12/7	RUGARAMA GIHUTA NYAGAHANGA 250 working
SP	-01 42' 45.05558"	30 21' 59.88503"	0	2009/12/7	RUGARAMA BUGARAMA AKABARE 228 Not in good conditions
SP	-01 42' 50.56037"	30 25' 03.02765"	1389.941	2009/2/18	RUGARAMA KANYANGESE KANYANGE 400
SP	-01 42' 53.23719"	30 18' 26.67856"	1551.682	2009/12/7	Remera Butiruka Kerekezo 702
SP	-01 42' 59.19913"	30 25' 33.70580"	1445.697	2009/2/18	RUGARAMA NYANGESE KANYANGESE 399
SP	-01 43' 15.26573"	30 25' 17.42196"	1403.88	2009/2/18	RUGARAMA KANYANGESE 398
SP	-01 43' 34.40805"	30 25' 13.06592"	1406.524	2009/2/18	RUGARAMA KANYANGESE RUGARAMA 397
SP	-01 43' 52.01961"	30 25' 39.02293"	1431.038	2009/2/18	RUGARAMA KANYANGESE AKAZINGA 395
SP	-01 43' 54.50270"	30 25' 48.11250"	1439.208	2009/2/18	RUGARAMA KANYANGESE AKAZINGA 396
SP	-01 43' 56.81650"	30 25' 09.28952"	1405.563	2009/2/17	
SP	-01 43' 56.83310"	30 25' 09.11845"	1408.447	1989/12/31	Kiziguro Ndatemwa Akarambo 640
SP	-01 43' 56.89586"	30 25' 09.29618"	0	2009/12/7	KIZIGURO NDATEMWA KARAMBO 185 Public in
SP	-01 43' 56.91759"	30 25' 09.25212"	1408.447	2009/2/17	KIZIGURO NDATEMWA KARAMBO 345
SP	-01 44' 00.77756"	30 25' 05.87798"	0	2009/12/7	KIZIGURO NDATEMWA KARAMBO 184 Public in
SP	-01 44' 00.78208"	30 25' 05.86891"	1405.322	2009/2/17	KIZIGURO NDATEMWA KARAMBO 344
SP	-01 44' 00.80351"	30 25' 05.85260"	1407.245	2009/12/7	Kiziguro Ndatemwa Akarambo 639
SP	-01 44' 00.83579"	30 25' 05.84962"	1404.121	2009/2/17	20.6 l/min 65.9 ms/m 22.3
SP	-01 44' 17.92472"	30 24' 55.88737"	1411.811	2009/2/17	
SP	-01 44' 17.98446"	30 24' 55.95167"	0	2009/12/7	KIZIGURO NDATEMWA MATABA 183. Ground
SP	-01 44' 18.02761"	30 24' 55.86988"	1407.966	2009/12/7	Kiziguro Ndatemwa Mataba 638
SP	-01 44' 20.43708"	30 26' 44.46524"	0	2009/12/7	KIZIGURO MBOGO AKABUYE 212 Public in use ground water
SP	-01 44' 30.66213"	30 23' 21.20413"	1433.921	2009/12/7	Kiziguro Ndatemwa Akabagendo 649
SP	-01 44' 30.66213"	30 23' 21.20413"	1433.921	2009/12/7	Kiziguro Ndatemwa Akabagendo 649
SP	-01 44' 33.20768"	30 23' 22.71678"	1430.797	2009/12/7	Kiziguro Ndatemwa Akabagendo 649
SP	-01 44' 33.23332"	30 23' 22.75933"	1429.595	2009/2/17	KIZIGURO NDATEMWA AKABAGENDO 355
SP	-01 44' 33.29880"	30 23' 22.82964"	0	2009/12/7	KIZIGURO NDATEMWA AKABAGENDO 195 Public in use
SP	-01 44' 45.27218"	30 21' 02.10380"	0	2009/12/7	REMERA RWARENGA NYARUBUYE 291 Working
SP	-01 44' 45.69041"	30 18' 44.55986"	1584.126	2009/2/3	03-feb-09 .24
SP	-01 44' 49.14181"	30 18' 55.54562"	1576.916	2009/2/3	21.Nyakagezi
SP	-01 44' 50.24953"	30 25' 06.07775"	1423.827	2009/2/17	37.5 l/min 62 ms/m 22.6
SP	-01 44' 50.27970"	30 25' 05.96669"	1428.154	2009/2/17	KIZIGURO NDATEMWA MISHUNZI 340
SP	-01 44' 50.29328"	30 25' 05.93591"	0	2009/12/7	KIZIGURO NDATEMWA MISHUNZI 181 In use
SP	-01 44' 50.31108"	30 25' 05.96971"	1436.805	2009/12/7	Kiziguro Ndatemwa Mishunzi 635
SP	-01 44' 50.33432"	30 25' 05.95283"	1435.844	2009/12/7	Kiziguro Ndatemwa Mishunzi 635
SP	-01 44' 56.38769"	30 24' 25.67423"	1421.424	2009/2/17	2.83 ms/m 22.6
SP	-01 44' 56.41757"	30 24' 25.59334"	1425.99	2009/12/7	Kiziguro Ndatemwa Rukungu 633
SP	-01 44' 56.45106"	30 24' 25.61324"	1414.455	2009/2/17	KIZIGURO NDATEMWA RUKUNGU 338
SP	-01 44' 56.56965"	30 24' 25.74785"	0	2009/12/7	KIZIGURO NDATEMWA RUKUNGU 179 Not in use
SP	-01 45' 01.67101"	30 25' 09.06686"	1445.457	2009/2/17	KIZIGURO AGAKOMEYE BISHENYI 367
SP	-01 45' 09.03367"	30 19' 12.25013"	1579.32	2009/2/3	20.Gakoni
SP	-01 45' 09.89486"	30 25' 25.51033"	1468.048	2009/2/17	KIZIGURO NDATEMWA MISHUNZI 341
SP	-01 45' 09.93711"	30 25' 25.53780"	1469.73	2009/2/17	44.8 ms/m 20.2
SP	-01 45' 11.01495"	30 19' 57.37030"	0	2009/12/7	REMERA RWARENGA NYARUBUYE 286 cleaned
SP	-01 45' 16.36345"	30 23' 49.66775"	1446.418	2009/12/7	Kiziguro Ndatemwa Gorora 652
SP	-01 45' 16.51643"	30 23' 49.53289"	1448.101	2009/2/17	KIZIGURO NDATEMWA RYARUGEMA 358
SP	-01 45' 18.28317"	30 24' 52.01687"	1461.078	2009/2/17	KIZIGURO AGAKOMEYE BISHENYI 368
SP	-01 45' 18.98504"	30 24' 39.65936"	1440.17	2009/12/7	Kiziguro Ndatemwa Bishenyi 634
SP	-01 45' 19.01974"	30 24' 39.75109"	1437.767	2009/2/17	KIZIGURO NDATEMWA RUKUNGU 339
SP	-01 45' 19.04871"	30 24' 39.76826"	0	2009/12/7	KIZIGURO NDATEMWA RUKUNGU 180 Public in use To be treated
SP	-01 45' 19.05293"	30 24' 39.75109"	1435.604	2009/2/17	15.4 ms/m 22.6
SP	-01 45' 19.10664"	30 19' 17.85814"	0	2009/12/7	REMERA RWARENGA NYARUBUYE 288 working
SP	-01 45' 20.14949"	30 25' 58.07806"	0	2009/12/7	KIZIGURO. MBOGO RYAMUHUZI 216 In use Public
SP	-01 45' 40.27702"	30 24' 28.45937"	1443.054	2009/2/17	KIZIGURO AGAKOMEYE AKINGONDO 369
SP	-01 45' 49.34969"	30 24' 12.04787"	1429.836	2009/2/17	KIZIGURO AGAKOMEYE AKINGONDO 372
SP	-01 45' 50.72174"	30 24' 13.36738"	1433.441	2009/2/17	KIZIGURO AGAKOMEYE AKINGONDO 371
SP	-01 45' 52.90761"	30 24' 12.89545"	1436.565	2009/2/17	KIZIGURO AGAKOMEYE AKINGONDO 370
SP	-01 46' 42.24741"	30 24' 38.40224"	1475.979	2009/12/7	Kiziguro Rubona Rubira 667
SP	-01 46' 57.23164"	30 24' 22.97808"	1469.73	2009/12/7	Kiziguro Rubona Rubira 669
SP	-01 50' 02.85495"	30 19' 54.85462"	1461.078	2009/1/26	30.Nyakariba
SP	-01 47' 11.48835"	30 26' 39.36480"	1458.915	2009/12/7	Kiziguro Rubona Rubindi 684
SP	-01 47' 12.63862"	30 26' 43.67616"	1461.8	2009/12/7	Kiziguro Rubona Rubindi 685
SP	-01 47' 27.54741"	30 20' 29.02553"	1516.354	2009/1/26	11.Ngaruye
SP	-01 47' 29.19314"	30 20' 03.69496"	1550.72	2009/1/26	10.Rwimondo-Kadogo
SP	-01 47' 32.66868"	30 24' 43.64003"	1490.638	2009/1/22	01.Kidobogo
SP	-01 40' 17.82161"	30 15' 28.95412"	0	2009/12/7	KAGEYO KINTU RUTOMA 306 In use

4.5 Donnée de localisation de l'ouvrage du district Gatsibo (13/17)

Name	Latitude	Longitude	Alti	Date	Comments
SP	-01 40' 18.43959"	30 21' 51.31055"	0	2009/12/7	RUGARAMA MATARE NYAGATARE 235 In use but in bad condition
SP	-01 39' 16.40976"	30 25' 38.14817"	0	2009/12/7	RWIMBOGO NYAMATETE RUTEMBO Working
SP	-01 40' 21.20120"	30 18' 45.31756"	0	2009/12/7	REMERA NYAGAKOMBE RUNYINYA 256 not
SP	-01 39' 17.46135"	30 18' 38.03335"	1464.924	2009/12/7	REMERA KIGABIROKANYINYA 425
SP	-01 40' 26.18367"	30 15' 34.09110"	0	2009/12/7	KAGEYO KINTU RUTOMA 307 In use
SP	-01 40' 28.38673"	30 19' 40.35468"	1535.099	2009/12/7	Gitoki Cyabusheshe Binunga 776
SP	-01 37' 37.48754"	30 22' 03.49241"	1412.532	2009/12/7	Gitoki Nyamirama Kinteko 780
SP	-01 40' 28.46519"	30 19' 40.28560"	1555.527	2009/12/7	REMERA RWAKARUGU AKABUGA 424
SP	-01 40' 29.74822"	30 26' 00.70357"	1362.544	2009/2/18	RUGARAMA KANYANGESE RUGAZI 406
SP	-01 37' 45.19963"	30 13' 21.57280"	0	2009/12/7	GATSIBO NYAGAHANGA RUGARAMA 353 In use
SP	-01 37' 48.23401"	30 14' 36.69612"	1655.504	2009/12/7	GATSIBO MANISHYA RUGARAMA 538
SP	-01 40' 31.96608"	30 26' 50.83274"	1346.923	2009/12/7	RUGARAMA MATUNGURU RAMBURA 420
SP	-01 37' 52.42138"	30 17' 53.83838"	1432.96	2009/12/7	Gitoki Mpondwa Bwiza 753
SP	-01 40' 34.14017"	30 15' 51.22076"	0	2009/12/7	KAGEYO NYAGISOZI KINYANA In use
SP	-01 40' 36.51976"	30 17' 46.20808"	1568.024	2009/12/7	REMERA KIGABIRO BYIMANA 428
SP	-01 39' 23.62366"	30 18' 09.18860"	1461.559	2009/12/7	REMERA KIGABIRO BYIMANA 426
SP	-01 39' 30.19091"	30 16' 52.06984"	1520.92	2009/12/7	KAGEYO BISETSA CYABUHIMBIRU 472
SP	-01 40' 39.02609"	30 22' 55.52260"	0	2009/12/7	RUGARAMA MATARE MATARE 233 Ground Water
SP	-01 39' 32.16827"	30 14' 52.80223"	0	2009/12/7	KAGEYO KINTU GAKERI 295 In use
SP	-01 37' 52.44159"	30 13' 33.48826"	0	2009/12/7	GATSIBO NYAGAHANGA RUGARAMA 354 In use
SP	-01 39' 41.68904"	30 26' 04.08404"	0	2009/12/7	RWIMBOGO NYAMATETE RWIMBOGO 495 Working
SP	-01 40' 42.13530"	30 22' 41.27045"	0	2009/12/7	RUGARAMA MATARE MATARE 234 Working
SP	-01 37' 56.28466"	30 26' 21.65788"	0	2009/12/7	RWIMBOGO NYAMATETE NYAMATETE 491 Public in use
SP	-01 37' 56.45817"	30 21' 32.00285"	1409.167	2009/12/7	Gitoki Nyamirama Minago 750
SP	-01 39' 44.61027"	30 16' 36.97579"	1581.963	2009/12/7	KAGEYO BUSETSA CYABUHIMBIRI 471
SP	-01 40' 44.12443"	30 16' 22.73779"	0	2009/12/7	KAGEYO NYGISOZI KINYINYA 310 Not cleaned
SP	-01 38' 01.24812"	30 14' 02.75212"	1547.596	2009/12/7	GATSIBO MANISHYA MANISHYA 539
SP	-01 39' 59.30150"	30 15' 27.15811"	0	2009/12/7	KAGEYO NYAGISOZI KINYINYA 312 In use
SP	-01 40' 45.70800"	30 16' 04.17904"	0	2009/12/7	KAGEYO NYAGISOZI KASHANGA 309 In use
SP	-01 38' 10.70553"	30 20' 06.87898"	1432.96	2009/12/7	GITOKI KARUBUNGO GISHARARA 491
SP	-01 40' 00.26709"	30 22' 10.13963"	0	2009/12/7	RUGARAMA MATARE NYARUSAMBU 236 Working
SP	-01 38' 10.83498"	30 20' 07.02474"	1437.046	2009/12/7	Gitoki Karubungo Gisharara 746
SP	-01 37' 42.60127"	30 22' 12.45374"	1404.601	2009/12/7	Gitoki Nyamirama Kinteko 781
SP	-01 38' 19.55551"	30 13' 49.24675"	0	2009/12/7	GATSIBO NYAGAHANGA NYAKIBANDE 356 In use
SP	-01 40' 46.53842"	30 23' 24.47117"	0	2009/12/7	RUGARAMA MATARE RWANKUBA 232 Working
SP	-01 38' 31.88646"	30 20' 02.73386"	1442.813	2009/12/7	Gitoki Nyamirama Nyamura 745
SP	-01 40' 05.75167"	30 14' 38.78182"	0	2009/12/7	KAGEYO KINTU RUTOMA 301 In use
SP	-01 38' 34.03853"	30 15' 24.11287"	1611.523	2009/12/7	KAGEYO BUSETSA NYARUSANGE 478
SP	-01 40' 06.21516"	30 14' 37.44928"	0	2009/12/7	KAGEYO KINTU RUTOMA 303 in use
SP	-01 38' 34.12664"	30 15' 22.73782"	1622.338	2009/12/7	KAGEYO BUSETSA NYARUSANGE 477
SP	-01 38' 34.65832"	30 16' 18.06791"	1485.832	2009/12/7	KAGEYO BISETSA KANINGA 475
SP	-01 38' 36.00925"	30 26' 10.86252"	0	2009/12/7	RWIMBOGO NYAMATETE KIYOVU 492 Public in
SP	-01 38' 36.27630"	30 16' 34.99298"	1471.412	2009/12/7	KAGEYO BUSETSA RUGARAMA 468
SP	-01 38' 41.68031"	30 20' 00.93786"	1445.938	2009/12/7	Gitoki Nyamirama Akagarama 747
SP	-01 38' 42.43408"	30 14' 39.02622"	1549.038	2009/12/7	GATSIBO MANISHYA NYARUHANGA 537
SP	-01 40' 07.50393"	30 17' 33.72263"	1500.973	2009/12/7	GITOKI MPONDWA GAHAMA 427
SP	-01 40' 10.31683"	30 24' 53.99935"	1369.994	2009/2/18	RUGARAMA KANYANGESE MUNINI 404
SP	-01 40' 16.26580"	30 27' 00.71834"	1348.124	2009/12/7	RUGARAMA MATUNGURU RAMBURA 419
SP	-01 37' 24.13034"	30 13' 21.49525"	0	2009/12/7	GATSIBO NYAGAHANGA NYAGAHANGA 352 In use
SP	-01 38' 47.51915"	30 13' 38.49002"	0	2009/12/7	GATSIBO NYAGAHANGA NYAKIBANDE 357 In use
SP	-01 38' 51.86312"	30 18' 24.64085"	1441.612	2009/12/7	Gitoki Mpondwa Nyaruhanga
SP	-01 37' 27.58204"	30 17' 48.40267"	1436.325	2009/12/7	Kageyo Busetza Nyarubuye 741
SP	-01 40' 48.75929"	30 16' 16.44211"	0	2009/12/7	KAGEYO NYAGISOZI KAGEYO 311 Not working
SP	-01 37' 27.60286"	30 17' 48.47147"	1426.471	2009/12/7	KAGEYO BUSETSA NYARUBUYE 464
SP	-01 37' 32.83609"	30 21' 00.05461"	1390.903	2009/12/7	Gitoki Nyamirama Rukiri 782
SP	-01 30' 42.88327"	30 12' 21.24936"	1420.703	2009/12/7	NYAGIHANGANYAGITABIREKAMURARA552
SP	-01 39' 12.41219"	30 25' 45.25496"	0	1989/12/31	RWIMBOGO NYAMATETE UMUREGO 493 Working
SP	-01 31' 17.72165"	30 10' 48.78545"	1463.962	2009/12/7	Nyagihanga Murambi Kabeza 793
SP	-01 31' 30.36400"	30 12' 42.28214"	1451.465	2009/12/7	NYAGIHANGANYAGITABIREBYIMANA555
SP	-01 31' 39.68321"	30 16' 27.58508"	0	2009/12/7	NGARAMA KIGASHA CYABAHIMA 466 Working public in use
SP	-01 31' 52.49575"	30 13' 24.63856"	1464.203	2009/12/7	NYAGIHANGAMAYANGEMATABA563
SP	-01 32' 16.26146"	30 10' 42.59449"	1494.484	2009/12/7	Nyagihanga Murambi Kabeza 800
SP	-01 32' 25.42406"	30 13' 52.12031"	1439.689	2009/12/7	NYAGIHANGAGITINDAKABUYE581
SP	-01 32' 29.16332"	30 10' 53.41912"	1513.229	2009/12/7	Nyagihanga Murambi Umugamba 797
SP	-01 32' 31.35462"	30 10' 34.49798"	1492.321	2009/12/7	Nyagihanga Murambi Birembo 802
SP	-01 32' 42.61286"	30 10' 38.24054"	1507.702	2009/12/7	Nyagihanga Murambi Kagarama 801
SP	-01 32' 44.51840"	30 10' 32.69078"	1502.415	2009/12/7	Nyagihanga Murambi Kagarama 803
SP	-01 32' 44.61767"	30 13' 42.30926"	1479.824	2009/12/7	NYAGIHANGAGITINDAKABUYE582
SP	-01 32' 51.07932"	30 14' 03.61482"	0	2009/12/7	NGARAMA NGARAMA RUGARAMA 387 In use
SP	-01 32' 53.63000"	30 13' 10.08282"	1486.793	2009/12/7	NYAGIHANGAMAYANGERWEZA580

4.5 Donnée de localisation de l'ouvrage du district Gatsibo (14/17)

Name	Latitude	Longitude	Alti	Date	Comments
SP	-01 33' 30.84766"	30 12' 50.18461"	1528.37	2009/12/7	NYAGIHANGAGITINDAMAYANGERWEZA579
SP	-01 33' 35.92156"	30 15' 28.52924"	0	2009/12/7	NGARAMA NYARUBUNGO RWIRI 397 In use
SP	-01 33' 39.12734"	30 15' 22.63914"	0	2009/12/7	NGARAMA NGARAMA KABEHO 398 In use
SP	-01 33' 40.73022"	30 15' 34.07177"	0	2009/12/7	NGARAMA NYARUBUNGO RWIRI 396 In use
SP	-01 33' 45.53738"	30 13' 58.46578"	1519.718	1989/12/31	NYAGIHANGAGITINDAISANGANO591
SP	-01 33' 46.60104"	30 15' 46.21896"	0	2009/12/7	NGARAMA NYARUBUNGO RWIRI 395 In use
SP	-01 33' 48.85179"	30 10' 05.39371"	1560.094	2009/12/7	Nyagihanga Murambi Rukoma 804
SP	-01 34' 16.72490"	30 12' 10.55538"	1500.252	2009/12/7	Nyagihanga Nyamirama Rugarama 830
SP	-01 34' 16.89539"	30 12' 10.46729"	1499.05	2009/12/7	Nyagihanga Nyamirama Burembo 829
SP	-01 34' 25.26348"	30 15' 12.30725"	0	2009/12/7	GATSIBO NYABICWAMBA RUTOVU 375 In use
SP	-01 34' 29.33859"	30 13' 36.26375"	1599.027	2009/12/7	NYAGIHANGAGITINDAKINTARAMA588
SP	-01 34' 33.51026"	30 10' 56.24015"	1849.929	2009/12/7	Nyagihanga Murambi Kanyinya 805
SP	-01 34' 49.31917"	30 13' 36.23477"	1606.957	2009/12/7	NYAGIHANGAGITINDANYABUKINGI587
SP	-01 35' 04.50527"	30 15' 45.46580"	0	2009/12/7	GATSIBO NYABICWAMBA GATOMA 376 In use
SP	-01 35' 17.77828"	30 11' 06.42930"	1847.525	2009/12/7	Nyagihanga Murambi Kanyinya 817
SP	-01 35' 27.13882"	30 16' 58.09789"	0	2009/12/7	GATSIBO NYABICWAMBA RUCUMBO 382 In use
SP	-01 35' 33.37657"	30 13' 43.89737"	0	2009/12/7	GATSIBO GATSIBO HANIKA 334 In use
SP	-01 35' 48.53641"	30 11' 36.31538"	1768.938	2009/12/7	Nyagihanga Nyamirama Butumba 823
SP	-01 35' 49.28958"	30 12' 53.86021"	0	2009/12/7	GATSIBO NYAGAHANGA MANGARAMA 345 In use
SP	-01 35' 51.62632"	30 12' 27.01667"	0	2009/12/7	GATSIBO NYAGAHANGA KARAMA 346 In use
SP	-01 35' 54.42654"	30 16' 44.32850"	0	2009/12/7	GATSIBO KADUHA RYABAKAME 384 In use
SP	-01 35' 58.39514"	30 12' 32.97197"	1575.955	2009/12/7	Nyagihanga Nyamirama Burembo 827
SP	-01 35' 59.48626"	30 13' 14.44670"	0	2009/12/7	GATSIBO GATSIBO NYARUKONI 341 In use
SP	-01 35' 59.85138"	30 17' 39.75760"	1416.618	2009/12/7	Gitoki Rubira Kavumu 763
SP	-01 36' 04.62262"	30 11' 06.15440"	1727.362	2009/12/7	Nyagihanga Nyamirama Kabuga 821
SP	-01 36' 04.66185"	30 14' 59.15587"	0	2009/12/7	GATSIBO NYAGAHANGA NYAKAGARAMA 362 In use
SP	-01 36' 04.70470"	30 14' 59.21682"	1523.804	2009/12/7	GATSIBO MUGERA KAVUMU 523
SP	-01 36' 07.46540"	30 17' 09.23662"	1410.129	2009/12/7	GATSIBO MUGERA KAMASAPFU 528
SP	-01 36' 12.73423"	30 13' 21.86249"	0	2009/12/7	GATSIBO GATSIBO YARUKONI 340. In use
SP	-01 36' 12.74539"	30 17' 42.23735"	1416.858	2009/12/7	Gitoki Rubira Gikuyu 762
SP	-01 36' 18.87541"	30 13' 40.69160"	0	2009/12/7	GATSIBO GATSIBO NYARUKONI 399 In use
SP	-01 36' 21.69495"	30 14' 09.83324"	0	2009/12/7	GATSIBO GATSIBO NYARUKONI 337 In use
SP	-01 36' 22.46954"	30 14' 13.29641"	1566.823	2009/12/7	GATSIBO MUGERANYARUKONI 534
SP	-01 36' 23.16266"	30 14' 01.39394"	0	2009/12/7	GATSIBO GATSIBO NYARUKONI 338 In use
SP	-01 36' 37.92389"	30 13' 23.95934"	1541.348	2009/12/7	GATSIBO MANISHYA NYARUKONI 540
SP	-01 36' 38.65895"	30 11' 24.62957"	1736.013	2009/12/7	Nyagihanga Nyamirama Rugogwe 820
SP	-01 36' 47.02825"	30 13' 17.11870"	1545.193	2009/7/6	150 l/min
SP	-01 36' 47.03217"	30 13' 16.84139"	0	2009/12/7	GATSIBO NYAGAHANGA NYAGAHANGA 349 In
SP	-01 36' 49.36016"	30 14' 08.03875"	1569.947	2009/12/7	GATSIBO MUGERA KABUGA 536
SP	-01 36' 55.11813"	30 17' 42.51887"	1418.781	2009/12/7	Gitoki Rubira Nyakarama 754
SP	-01 36' 55.33629"	30 12' 41.15297"	0	2009/12/7	GATSIBO NYAGAHANGA KIZINGA 360 In use
SP	-01 36' 56.95849"	30 12' 39.78184"	0	2009/12/7	GATSIBO NYAGAHANGA KIZINGA 359 In use
SP	-01 36' 59.03814"	30 20' 29.55689"	1389.461	2009/12/7	GITOKI KARUBUNGO RWAMUHINGA 500
SP	-01 38' 57.82265"	30 20' 08.03710"	1458.675	2009/12/7	Gitoki Nyamirama Akagarama 748
SP	-01 37' 03.62532"	30 24' 01.55848"	1486.553	2009/2/24	KABARORE KARENJE NYARUBUYE 620 Good
SP	-01 37' 04.11084"	30 24' 02.44681"	1487.274	2009/2/24	KABARORE KARENJE NYARUBUYE 621 Good
SP	-01 37' 18.80538"	30 15' 34.87565"	1481.747	2009/12/7	KAGEYO BUSETSA KAYENZI482
Tank	-01 40' 49.43430"	30 17' 17.11468"	1831.423	2009/9/25	Tank No use
Tank	-01 41' 00.09537"	30 18' 14.41854"	1845.843	2009/12/7	REMERA NYAGAKOMBE KARUFURI 254 working
Tank	-01 41' 28.90210"	30 17' 59.35916"	1724.478	2009/12/7	Remera Butiruka Akabuga 705 3m3
Tank	-01 41' 30.16401"	30 17' 29.28660"	0	2009/12/7	KAGEYO NYAGISOZI AGATARE 317 In use
Tank	-01 41' 55.44601"	30 18' 30.16256"	1763.891	2009/12/7	Remera Butiruka Gasabo 711 5m3
Tank	-01 42' 07.58988"	30 18' 19.33553"	1711.74	2009/12/7	Remera Butiruka Gasabo 700 8m3
Tank	-01 42' 11.86867"	30 21' 03.09294"	1558.652	2009/12/7	Rugarama Remera Rwamivu 689
Tank	-01 42' 11.86867"	30 21' 03.09294"	1558.652	2009/12/7	Rugarama Remera Rwamivu 689
Tank	-01 42' 15.79291"	30 17' 46.45730"	1613.206	2009/12/7	Remera Butiruka Urushenyi 715 5m3
Tank	-01 42' 18.34782"	30 20' 19.07959"	1666.078	2009/12/7	Remera Rurenge Nyagasozi 726 3m3
Tank	-01 42' 22.35534"	30 20' 03.16144"	1694.196	2009/12/7	Remera Rurenge Nyagasozi 727 20m3
Tank	-01 42' 26.08404"	30 20' 38.46664"	1582.684	2009/12/7	Remera Rurenge Nyagasozi 724 3m3
Tank	-01 42' 40.56013"	30 19' 12.27608"	1755.24	2009/12/7	Remera Rurenge Rurenge 733 3m3
Tank	-01 42' 44.92039"	30 22' 11.70390"	0	2009/12/7	RUGARMA BUGARAMA AKABARE. 224 In use
Tank	-01 42' 57.90222"	30 19' 54.36487"	1596.864	2009/12/7	Remera Rurenge Kibenga 719 5m3
Tank	-01 43' 04.23803"	30 19' 35.99774"	1625.222	2009/12/7	Remera Rurenge Akavunga 718
Tank	-01 43' 04.66651"	30 19' 25.61700"	1706.453	2009/12/7	Remera Rurenge Rurenge 729
Tank	-01 43' 23.37040"	30 21' 21.62812"	1616.33	2009/12/7	REMERA KABUSHOBORA AKAMABUYE 263 working 10+10m3
Tank	-01 43' 41.08424"	30 15' 46.46336"	1857.86	2009/2/6	05-feb-09 .04
Tank	-01 43' 41.97078"	30 24' 39.30268"	1470.451	2009/12/7	Kiziguro Ndatemwa Gakunyu 642
Tank	-01 43' 41.97078"	30 24' 39.30268"	1470.451	2009/12/7	Kiziguro Ndatemwa Gakunyu 642
Tank	-01 43' 42.15454"	30 24' 39.15875"	1459.396	2009/2/17	3 m3
Tank	-01 43' 43.08785"	30 20' 07.47042"	0	2009/12/7	REMERA KABUSHOBORA GUMINO 271 working
Tank	-01 43' 44.19527"	30 24' 37.75594"	1464.683	2009/2/17	3 m3

4.5 Donnée de localisation de l'ouvrage du district Gatsibo (15/17)

Name	Latitude	Longitude	Alti	Date	Comments
Tank	-01 43' 44.20402"	30 24' 37.67112"	1472.614	2009/12/7	Kiziguro Ndatemwa Gakunyu 643
Tank	-01 43' 46.79091"	30 19' 18.88921"	1701.166	2009/2/6	06-feb-09 .29
Tank	-01 43' 48.74895"	30 17' 53.86283"	1588.933	2009/2/6	06-feb-09 .41
Tank	-01 43' 50.51449"	30 20' 43.14854"	1676.172	2009/9/28	Tank 10m3
Tank	-01 44' 01.78177"	30 20' 16.39252"	0	2009/12/7	REMERA RWARENGA KIGARAMA 279 working
Tank	-01 44' 06.95797"	30 18' 41.11272"	1759.085	2009/2/6	06-feb-09 .33
Tank	-01 44' 15.33873"	30 20' 14.05579"	1735.052	2009/12/7	REMERA RWARENGA KABUYE 278 working 30m3
Tank	-01 44' 20.65524"	30 15' 45.94680"	1631.951	2009/2/6	05-feb-09 .08
Tank	-01 44' 23.29795"	30 17' 11.87272"	1848.727	2009/2/3	03-feb-09 .38
Tank	-01 49' 49.42111"	30 23' 07.04580"	1561.535	2009/1/21	21-jan-09 .33
Tank	-01 44' 31.80062"	30 15' 34.20364"	1538.704	2009/2/6	05-feb-09 .10
Tank	-01 44' 35.86668"	30 21' 46.79546"	1559.613	2009/12/7	Kiziguro Ndatemwa Gorora 655 3m3
Tank	-01 49' 50.45943"	30 18' 59.77706"	1654.062	2009/1/29	28-jan-09 .22
Tank	-01 44' 36.53717"	30 18' 07.40380"	1770.861	2009/2/6	06-feb-09 .37
Tank	-01 44' 43.70732"	30 17' 29.34967"	1864.829	2009/2/6	06-feb-09 .45
Tank	-01 44' 44.84853"	30 19' 06.38627"	1596.383	2009/2/3	03-feb-09 .22
Tank	-01 44' 57.49541"	30 17' 41.20840"	1860.263	2009/2/6	06-feb-09 .39
Tank	-01 45' 03.15350"	30 17' 19.74322"	1790.327	2009/2/6	05-feb-09 .17
Tank	-01 45' 10.93620"	30 19' 57.44122"	1744.905	2009/9/28	Tank 30m3
Tank	-01 45' 23.06769"	30 16' 42.56778"	1825.175	2009/2/6	05-feb-09 .19
Tank	-01 45' 39.16145"	30 17' 13.34915"	1901.359	2009/2/6	05-feb-09 .23
Tank	-01 49' 27.76069"	30 23' 37.62802"	1562.497	2009/1/21	21-jan-09 .31
Tank	-01 45' 54.01080"	30 18' 56.45844"	1815.802	2009/2/3	30-jan-09 .14
Tank	-01 45' 57.71265"	30 18' 40.69688"	1853.053	2009/2/3	30-jan-09 .12
Tank	-01 49' 05.43010"	30 21' 24.27055"	1545.433	2009/1/26	26-jan-09 .18
Tank	-01 46' 05.16191"	30 16' 11.23723"	1774.706	2009/1/29	28-jan-09 .32
Tank	-01 46' 12.04057"	30 23' 07.55394"	0	2009/12/7	KIZIGURO AGAKOMERO ISHANTI 173 Working
Tank	-01 46' 14.12566"	30 25' 31.06672"	1705.732	2009/12/7	Kiziguro Rubona Ihema 677
Tank	-01 46' 16.62896"	30 17' 42.76601"	1886.218	2009/2/3	Distribution 30m3
Tank	-01 46' 23.48137"	30 19' 25.70059"	1786.722	2009/2/3	30-jan-09 .17
Tank	-01 46' 34.83164"	30 21' 25.94858"	1598.065	2009/1/22	22-jan-09 .34
Tank	-01 46' 35.84551"	30 20' 51.93456"	1613.446	2009/1/22	22-jan-09 .30
Tank	-01 46' 42.84276"	30 16' 32.65021"	1730.005	2009/1/29	28-jan-09 .29
Tank	-01 46' 50.85599"	30 20' 22.15140"	1662.473	2009/1/22	22-jan-09 .32
Tank	-01 46' 53.15139"	30 19' 25.80107"	1800.181	2009/1/26	23-jan-09 .02
Tank	-01 46' 54.62031"	30 25' 49.98184"	1638.44	2009/12/7	KIZIGURO RUBONA GATARE 673
Tank	-01 46' 54.88856"	30 19' 48.03661"	1752.836	2009/1/22	22-jan-09 .33
Tank	-01 46' 56.24130"	30 18' 50.37278"	1589.894	2009/2/3	30-jan-09 .06
Tank	-01 47' 05.43920"	30 19' 47.33836"	1666.799	2009/1/26	23-jan-09 .12
Tank	-01 47' 14.05050"	30 24' 09.35111"	1515.152	2009/1/21	21-jan-09 .20
Tank	-01 47' 14.23849"	30 22' 33.06832"	1464.443	2009/2/17	DISTRIBUTION AGAKOMEYEISHANTI328
Tank	-01 47' 34.82528"	30 24' 05.70510"	1551.922	2009/1/21	21-jan-09 .23
Tank	-01 47' 37.04766"	30 24' 31.32716"	1569.466	2009/1/21	21-jan-09 .17
Tank	-01 47' 42.89132"	30 24' 23.42650"	1574.032	2009/1/21	21-jan-09 .24
Tank	-01 47' 57.90482"	30 17' 18.30959"	1661.752	2009/1/29	28-jan-09 .05
Tank	-01 48' 04.15674"	30 24' 59.38132"	1571.629	2009/1/22	22-jan-09 .05
Tank	-01 50' 55.76686"	30 20' 48.91438"	1559.613	2009/1/26	26-jan-09 .23
Tank	-01 48' 09.72521"	30 19' 00.85883"	1547.837	2009/1/27	27-jan-09 .02
Tank	-01 48' 11.05320"	30 24' 09.36169"	1570.908	2009/1/21	21-jan-09 .26
Tank	-01 48' 12.77196"	30 18' 11.44058"	1609.12	2009/1/29	28-jan-09 .11
Tank	-01 48' 15.92916"	30 17' 39.22771"	1673.768	2009/1/29	28-jan-09 .02
Tank	-01 48' 16.29729"	30 17' 39.57684"	1700.445	2009/9/28	Tank nouse
Tank	-01 50' 35.59105"	30 24' 57.56209"	1480.304	2009/1/22	22-jan-09 .21
Tank	-01 48' 21.44784"	30 21' 56.92424"	1549.038	2009/1/27	27-jan-09 .09
Tank	-01 48' 22.06099"	30 26' 20.80183"	1519.238	2009/1/21	21-jan-09 .08
Tank	-01 48' 22.74988"	30 25' 20.72341"	1558.171	2009/1/21	21-jan-09 .02
Tank	-01 48' 24.82531"	30 23' 37.96202"	1570.187	2009/1/21	21-jan-09 .28
Tank	-01 50' 51.26779"	30 24' 23.94731"	1487.514	2009/1/22	22-jan-09 .22
Tank	-01 48' 47.90394"	30 20' 04.06489"	1757.162	2009/1/26	23-jan-09 .08
Tank	-01 39' 14.19613"	30 14' 34.22933"	1582.924	2009/9/24	No.3 Tank 5m3
Tank	-01 37' 39.09888"	30 23' 19.05479"	1524.044	2009/12/7	KABARORE KARENGE MUTARAMA 624
Tank	-01 39' 49.65792"	30 22' 14.27149"	1435.844	2009/12/7	Gitoki Cyabusheshe Cyoto 779
Tank	-01 40' 00.32895"	30 25' 45.89436"	1415.656	2009/10/1	Tank New
Tank	-01 48' 56.67969"	30 18' 21.38832"	1683.381	2009/1/29	28-jan-09 .20
Tank	-01 38' 30.15020"	30 21' 43.07429"	1465.164	2009/12/7	Gitoki Bukomane Gisaka 771
Tank	-01 40' 04.97739"	30 15' 11.60993"	1584.366	2009/9/24	No.1 Tank 5m3
Tank	-01 37' 21.42848"	30 15' 41.73228"	1484.871	2009/12/7	KAGEYO BUSE TSA KAYENZI 480
Tank	-01 29' 51.98071"	30 13' 57.24188"	0	2009/12/7	NGARAMA BUGAMBA KINIHIRA 433 Temporal working
Tank	-01 29' 57.86058"	30 13' 25.64188"	1425.029	2009/12/7	NYAGIHANGANYAGITABIREMASHANTI544
Tank	-01 30' 34.48621"	30 11' 38.73692"	0	2009/3/1	MUKAMA GATETE GATETE I 618 Not
Tank	-01 39' 04.97107"	30 16' 24.45532"	1512.509	2009/12/7	KAGEYO NYABUHIMBIRI 474
Tank	-01 31' 13.99837"	30 14' 21.82592"	0	2009/12/7	NGARAMA BUGAMBA KAGERERO 439 In use

4.5 Donnée de localisation de l'ouvrage du district Gatsibo (16/17)

Name	Latitude	Longitude	Alti	Date	Comments
Tank	-01 31' 14.26874"	30 14' 37.33339"	0	2009/12/7	NGARAMA BUGAMBA KINYINYA 438 Working
Tank	-01 31' 17.16552"	30 14' 40.01777"	0	2009/12/7	NGARAMA BUGAMBA KINYINYA 436 Not in use
Tank	-01 31' 22.63351"	30 12' 53.58290"	1463.482	2009/12/7	NYAGIHANGANYAGITABIREBYIMANA556
Tank	-01 31' 24.67333"	30 16' 35.10764"	1526.688	2009/9/23	Chigasha 2 Tank
Tank	-01 31' 26.00102"	30 12' 29.04624"	1510.586	2009/12/7	NYAGIHANGANYAGITABIREBYIMANA554
Tank	-01 31' 27.89911"	30 12' 31.40618"	1505.779	2009/12/7	NYAGIHANGANYAGITABIRE553
Tank	-01 32' 00.34845"	30 10' 45.72664"	1503.857	2009/12/7	Nyagihanga Murambi Kabeza
Tank	-01 32' 05.52253"	30 16' 07.59724"	0	2009/12/7	NGARAMA KIGASHA RURAMA 468 Not working
Tank	-01 32' 06.80557"	30 14' 27.64817"	1516.354	2009/6/9	Tank no use
Tank	-01 32' 06.91299"	30 14' 27.88987"	0	2009/12/7	NGARAMA NGARAMA IBARE 411 Not in use
Tank	-01 32' 10.56294"	30 14' 30.07212"	0	2009/12/7	NGARAMA NGARAMA IBARE 410 Not in use
Tank	-01 32' 41.17231"	30 14' 26.38356"	0	2009/12/7	NGARAMA NGARAMA INTSINZI 418 Not in use
Tank	-01 32' 45.47011"	30 11' 43.51571"	1633.393	2009/6/9	Tank 3m3
Tank	-01 33' 03.58076"	30 15' 32.50692"	1596.864	2009/9/23	Gihembe Tank 60m3
Tank	-01 33' 08.09311"	30 14' 13.61839"	0	2009/12/7	NGARAMA NGARAMA RUGARAMA 389 Not in use
Tank	-01 33' 52.44290"	30 13' 43.52682"	1609.601	2009/12/7	23-feb-09 8:04:16am
Tank	-01 33' 58.78112"	30 13' 54.70540"	1552.403	1989/12/31	NYAGIHANGAGITINDAISANGANO590
Tank	-01 34' 05.48990"	30 13' 28.23118"	1643.968	2009/9/24	Gitinda Tank 5m3
Tank	-01 35' 17.81298"	30 17' 41.36770"	1453.388	2009/12/7	Gitoki Rubira Rwintama 764
Tank	-01 35' 51.84599"	30 18' 54.52391"	1473.575	2009/12/7	Gitoki Rubira Gakiri
Tank	-01 35' 56.71802"	30 18' 06.48677"	1453.868	2009/12/7	Gitoki Rubira Nyakabota 760
Tank	-01 36' 00.37823"	30 11' 25.75507"	1770.861	2009/6/8	Tank 3m3
Tank	-01 36' 00.40388"	30 11' 51.35363"	1721.834	2009/9/24	Rwobe 12 CollectinTank
Tank	-01 36' 02.33024"	30 15' 35.84819"	1487.514	2009/12/7	GATSIBO MUGERA KIRARITSI 521
Tank	-01 36' 04.12112"	30 14' 54.94585"	0	2009/12/7	GATSIBO NYAGAHANGA NYAKAGARAMA 361 In use
Tank	-01 36' 07.28073"	30 14' 58.79162"	1519.238	2009/12/7	GATSIBO MUGERA KAVUMU 522
Tank	-01 36' 17.35339"	30 19' 16.05788"	1410.369	2009/12/7	Gitoki Rubira Rurehe 768
Tank	-01 36' 20.39562"	30 16' 43.86169"	1497.608	2009/12/7	GATSIBO MUGERA MUGERA 507
Tank	-01 36' 27.42817"	30 11' 46.56998"	1779.032	2009/6/8	Tank 3m3
Tank	-01 36' 55.78046"	30 13' 04.88730"	0	2009/12/7	GATSIBO NYAGAHANGA NYAGAHANGA 351 In
Tank	-01 37' 00.15340"	30 14' 02.78048"	1615.369	2009/12/7	GATSIBO MANISHYA NYARUKONI 541
Tank	-01 37' 08.81570"	30 18' 19.03198"	1485.832	2009/12/7	Gitoki Rubira Nyakagarama 756
Tank	-01 37' 14.23420"	30 21' 04.78454"	1395.949	2009/12/7	Gitoki Nyamirama Nyabikenke 783
Tank	-01 37' 17.41915"	30 17' 29.17615"	1489.437	2009/12/7	Kageyo Busetza Nyarubuye 737
Tank	-01 37' 18.49760"	30 16' 41.03278"	1438.728	2009/12/7	KAGEYO BISETSA RWIKUBO 466
Tnak	-01 41' 55.45748"	30 17' 38.78052"	1707.895	2009/12/7	Remera Butiruka Urushenyi 3m3
Valve	-01 39' 21.83218"	30 14' 40.68974"	1565.381	2009/9/24	VB
VANTOU	-01 43' 48.05101"	30 20' 02.83556"	0	2009/12/7	REMERA KABUSHOBORA GUMINO 273 working
VB	-01 41' 00.89139"	30 18' 14.16866"	1845.843	2009/9/25	VB
VB	-01 41' 13.87653"	30 18' 07.72877"	1802.103	2009/12/7	REMERA KIGABIRO 430
VB	-01 41' 15.49058"	30 18' 07.79242"	1794.894	2009/12/7	REMERA KIGABIRO KIGABIRO 432
VB	-01 41' 18.13179"	30 26' 02.04907"	1364.947	2009/2/18	RUGARAMA KANYANGESE AGAKIRE 403
VB	-01 41' 24.02614"	30 19' 06.48401"	1572.831	2009/12/7	REMERA NYAGAKOMBE 449
VB	-01 41' 29.41326"	30 17' 58.87334"	1716.307	2009/12/7	Rmera Butirika Akabuya 707
VB	-01 41' 30.38429"	30 18' 29.13660"	1699.243	2009/12/7	REMERA NYAGAKOMBE KARUFURI 436
VB	-01 41' 33.89754"	30 18' 15.69794"	1733.129	2009/12/7	REMERA NYAGAKOMBEKARUFURI 434
VB	-01 41' 34.87611"	30 19' 38.50255"	1522.122	2009/12/7	REMERA NYAGAKOMBE NYAMAREBE 447
VB	-01 41' 37.67061"	30 19' 50.46506"	1512.028	2009/12/7	REMERA NYAGAKOMBE NYAKANGA 446
VB	-01 41' 39.90717"	30 18' 17.41007"	1729.765	2009/12/7	REMERA BUTIRUKA RUSHENYI 433
VB	-01 42' 19.50110"	30 19' 28.34630"	1772.303	2009/12/7	REMERA NYAGAKOMBE KABABITO 439
VB	-01 42' 59.61705"	30 19' 08.33135"	1699.724	2009/12/7	Remera Rurenge Ryrenge 732
VB	-01 44' 35.88660"	30 21' 46.75291"	0	2009/12/7	KIZIGURO NDATEMWA IGORORA 201 In use
VB	-01 44' 38.10747"	30 26' 47.30410"	0	2009/12/7	KIZIGURO MBOGO AKABUYE 210 Not in use
VB	-01 44' 46.52746"	30 25' 43.38170"	0	2009/12/7	KIZIGURO MBOGO RYAMUHOZI 219 Good infrastructure
VB	-01 38' 53.00856"	30 16' 31.36508"	1518.997	2009/12/7	KAGEYO BUSETSA CYABUHIMBIRI473
VB	-01 45' 18.72282"	30 21' 50.03294"	1487.514	2009/12/7	Kiziguro Ndatemwa Kanyonyomba 659
VB	-01 45' 20.78436"	30 22' 27.29978"	1568.986	2009/2/17	KIZIGURO NDATEMWA RUBUNGO363
VB	-01 45' 20.80307"	30 22' 27.23218"	1571.629	2009/12/7	Kiziguro Ndatemwa Rubungo 657
VB	-01 46' 20.02997"	30 23' 12.02582"	1577.878	2009/2/17	KIZIGURO AGAKOMEYE ISHANTI 382
VB	-01 46' 24.70073"	30 23' 29.76716"	1574.994	2009/2/17	KIZIGURO AGAKOMEYE UBUTATU 379
VB	-01 46' 26.35884"	30 24' 18.65131"	1564.419	2009/2/17	KIZIGURO AGAKOMEYE AGATOVU 374
VB	-01 46' 34.31505"	30 24' 02.75972"	1552.403	2009/2/17	KIZIGURO AGAKOMEYE AGAKOMEYE 376
VB	-01 46' 37.22360"	30 23' 55.74408"	1546.395	2009/2/17	KIZIGURO AGAKOMEYE AGATOVU 378
VB	-01 47' 35.38925"	30 24' 55.74676"	1538.464	2009/12/7	Kiziguro Rubona Nyagasambu 665
VB	-01 47' 35.38925"	30 24' 55.74676"	1538.464	2009/12/7	Kiziguro Rubona Nyagasambu 665
VB	-01 47' 47.94651"	30 25' 01.54848"	1558.411	2009/12/7	Kiziguro Rubona Nyagasambu 662
VB	-01 40' 31.93349"	30 25' 53.09710"	1363.986	2009/2/18	RUGARAMA KANYANGESE RUGAZI 405
VB	-01 37' 52.40599"	30 20' 11.80201"	1445.938	2009/12/7	GITOKI KARUBUNGO GISHARARA 493
VB	-01 39' 58.93397"	30 14' 55.23464"	1593.499	2009/9/24	VB
VB	-01 40' 03.39200"	30 21' 27.78620"	1441.612	2009/12/7	Gitoki Cyabusheshe Nyarunazi 774
VB	-01 38' 32.14385"	30 19' 20.53614"	1493.042	2009/12/7	Gitoki Nyamirama Nyamuraza 744

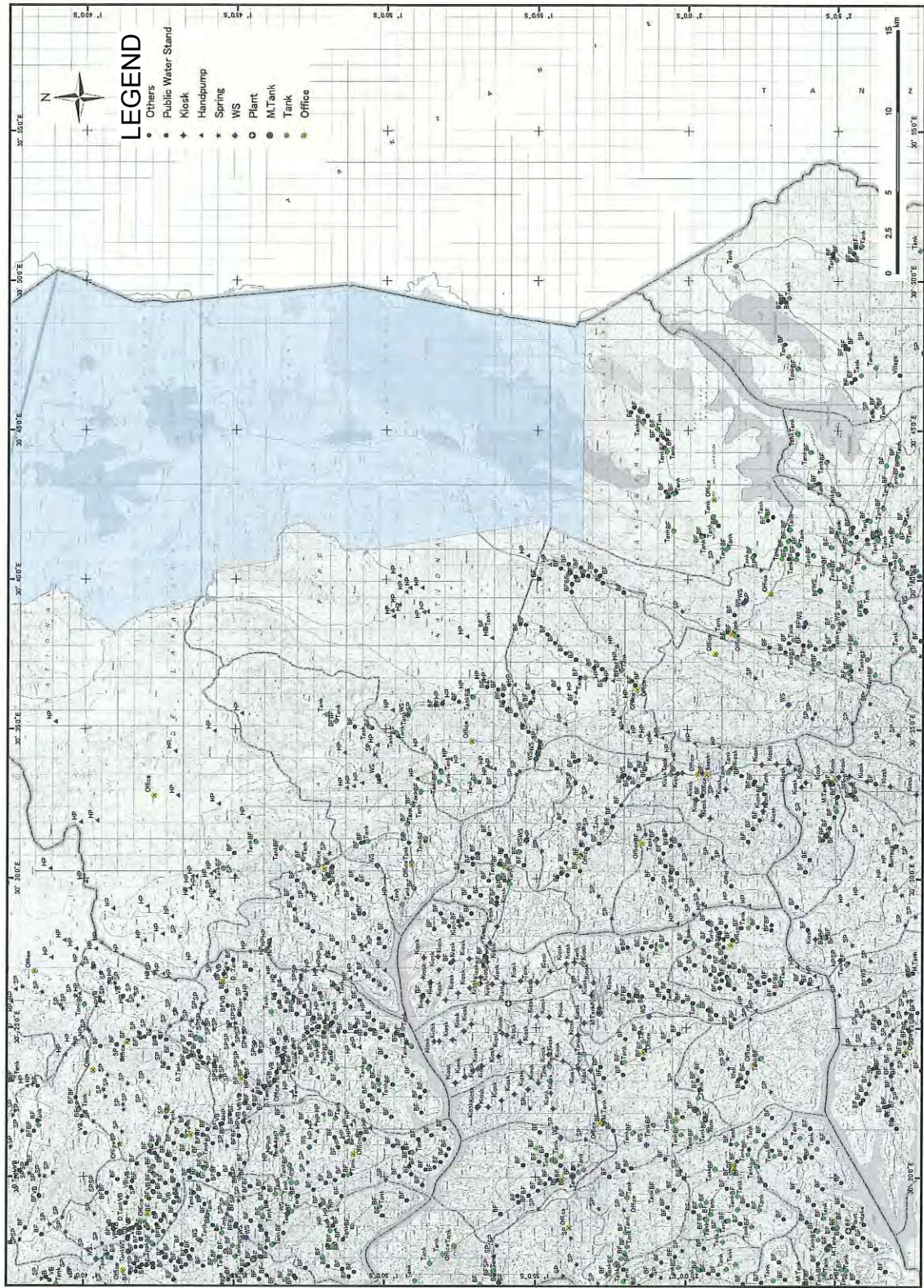
4.5 Donnée de localisation de l'ouvrage du district Gatsibo (17/17)

Name	Latitude	Longitude	Alti	Date	Comments
VB	-01 38' 46.69507"	30 16' 37.78990"	1484.39	2009/12/7	KAGEYO BUSETSA CYABUHIMBIRI
VB	-01 29' 54.15843"	30 12' 58.39096"	1394.748	2009/12/7	NYAGIHANGANYAGITABIREPAR CHANCE550
VB	-01 29' 55.99427"	30 12' 57.91662"	1395.229	2009/12/7	NYAGIHANGANYAGITABIREPAR CHANCE549
VB	-01 29' 56.19795"	30 12' 57.26214"	1397.872	2009/12/7	NYAGIHANGANYAGITABIREPAR CHANCE547
VB	-01 30' 17.29319"	30 16' 13.17536"	1469.49	2009/2/24	NGARAMA KARAMBI RWAGIKARA 597
VB	-01 30' 23.84204"	30 16' 12.57370"	1481.987	2009/2/24	NGARAMA KARAMBI CYANKONDO
VB	-01 30' 39.18233"	30 15' 24.84551"	1570.427	2009/2/24	NRARAMA KARAMBI RUZIRZNYENZI 602
VB	-01 31' 11.21444"	30 13' 04.89425"	1456.272	2009/12/7	NYAGIHANGANYABITARENYAMIKAMBA559
VB	-01 32' 05.32217"	30 13' 35.76313"	1494.965	2009/12/7	NYAGIHANGAMAYANGEKAMATAMU575
VB	-01 32' 09.28534"	30 13' 32.24143"	1502.415	2009/12/7	NYAGIHANGAMAYANGEKAMATAMU574
VB	-01 32' 12.90119"	30 13' 24.17056"	1498.81	2009/12/7	NYAGIHANGAMAYANGEKAMATAMU573
VB	-01 32' 15.74366"	30 13' 21.57010"	1510.826	1989/12/31	NYAGIHANGANYABITAREKAMATAMU572
VB	-01 32' 17.09157"	30 13' 20.67629"	1510.105	2009/12/7	NYAGIHANGANYABITAREKAMATAMU571
VB	-01 32' 27.05259"	30 13' 13.99289"	1514.912	2009/9/24	VB
VB	-01 32' 31.07369"	30 13' 12.92138"	1512.028	2009/12/7	NYAGIHANGAMAYANGENYARUBUYE568
VB	-01 32' 34.62920"	30 13' 11.17574"	1510.105	2009/12/7	NYAGIHANGAMAYANGENYARUBUYE567
VB	-01 32' 38.63702"	30 13' 47.10223"	1479.824	2009/9/24	VB
VB	-01 32' 46.17349"	30 13' 05.00048"	1513.47	2009/12/7	NYAGIHANGA MAYANGE NYARUBUYE 566
VB	-01 32' 55.76849"	30 12' 56.47306"	1547.596	2009/9/24	VB
VB	-01 34' 32.61709"	30 12' 34.39260"	1512.509	2009/9/24	Rwobe VB
VB	-01 34' 33.61829"	30 12' 17.61570"	1542.069	2009/9/24	Rwobe VB
VB	-01 35' 02.24909"	30 12' 22.10029"	1553.604	2009/9/24	Rwobe VB
VB	-01 35' 20.74658"	30 15' 56.06806"	0	2009/12/7	GATSIBO NYABICWAMBA RYEBARE 379 Not in use
VB	-01 35' 51.39759"	30 18' 54.97322"	1475.258	2009/12/7	KABARORE MARIMBA KABARE 642
VB	-01 36' 04.94369"	30 11' 50.01688"	1706.453	2009/6/8	B.Box
VB	-01 36' 06.89781"	30 15' 40.82159"	1491.84	2009/12/7	GATSIBO MUGERA KIRARITSI 520
VB	-01 36' 09.74511"	30 16' 03.17420"	1474.537	2009/12/7	GATSIBO MUGERA KAYISHA 517
VB	-01 36' 11.03508"	30 16' 01.04689"	1467.567	2009/12/7	GATSIBO MUGERA KAYISHA 533
VB	-01 36' 15.17356"	30 16' 15.38839"	1455.551	2009/12/7	GATSIBO MUGERA KAYISHA 532
VB	-01 36' 15.75775"	30 16' 27.18286"	1461.319	2009/12/7	GATSIBO MUGERA KAYISHA 530
VB	-01 36' 17.30119"	30 19' 15.98700"	1401.958	2009/12/7	KABARORE MARIMBA KANTERI 640
VB	-01 36' 20.24052"	30 16' 43.79498"	1495.926	2009/12/7	GATSIBO MUGERA MUGERA 508
VB	-01 36' 59.82269"	30 19' 00.24719"	1482.468	2009/12/7	GITOKI KARUBUNGO KARUBUNGO VB 488
VB	-01 37' 02.54748"	30 19' 49.94519"	1473.335	2009/12/7	GITOKI KARUBUNGO NYARUGARAMA 503
VB	-01 37' 07.39929"	30 18' 21.41338"	1483.669	2009/12/7	Gitoki Rubira Nyakagarama 759
VB	-01 37' 08.72668"	30 18' 18.79448"	1484.63	2009/12/7	Gitoki Rubira Nyakagarama 758
VB	-01 37' 13.88206"	30 20' 17.12335"	1431.518	2009/12/7	GITOKI KARUBUNGO NYAGACYAMO 497
VB	-01 37' 14.53082"	30 20' 16.85479"	1432.72	2009/12/7	GITOKI KARUBUNGO NYAGACYAMO 498
VB	-01 37' 17.57636"	30 17' 28.83941"	1488.716	2009/12/7	Kageyo Busetza Nyarubuye 738
WS	-01 41' 30.53003"	30 17' 29.12579"	1591.336	2009/9/25	Source & Pump
WS	-01 43' 21.99291"	30 15' 47.02795"	1685.545	2009/2/6	06.Gatare
WS	-01 43' 53.84036"	30 17' 51.49198"	1592.778	2009/2/6	40.Rwasama
WS	-01 45' 19.92227"	30 17' 58.82870"	1635.556	2009/6/4	Cyahafi-Bugarola source
WS	-01 45' 25.51035"	30 17' 58.15550"	1637.959	2009/2/3	27.Cyahafi
WS	-01 45' 25.59182"	30 17' 58.33262"	1638.44	2009/6/4	Cyahafi-Gakenhe source
WS	-01 46' 47.98606"	30 18' 45.93766"	1593.739	2009/2/3	.04Gasigati
WS	-01 47' 31.21637"	30 20' 59.43271"	1499.05	2009/1/22	29.Byimana
WS	-01 40' 25.66858"	30 17' 14.70581"	1604.073	2009/6/18	Gahama 26 l/min 14.51 ms/m 21.4
WS	-01 39' 30.71535"	30 15' 58.95698"	1676.172	2009/6/18	Kaninga 26 l/min 19.39 ms/m 20.7
WS	-01 40' 04.21276"	30 14' 37.50266"	1706.453	2009/9/25	Nyakagezi 2
WS	-01 40' 04.36785"	30 14' 39.64117"	1612.485	2009/9/25	Nyakagezi 1
WS	-01 38' 33.28959"	30 15' 25.08602"	1604.794	2009/6/18	Nkagera 2.0 l/sec
WS	-01 37' 21.42607"	30 15' 41.81616"	1478.645	2009/6/18	Nyakagezi-1
WS	-01 37' 17.19767"	30 17' 29.35903"	1484.63	2009/12/7	KAGEYO NYARUBUYE 462

4.6 Donnée de localisation de l'ouvrage du district Gicumbi

Name	Latitude	Longitude	Alti	Date	Comments
BF	-01 31' 15.94827"	30 10' 39.19649"	1535.34	2009/6/3	BF
Plant	-01 31' 16.99896"	30 10' 38.97379"	1540.867	2009/6/3	Filtration Plant
Plant	-01 44' 57.92450"	30 13' 54.34298"	1566.342	2009/6/4	Power plant
SP	-01 37' 15.33316"	30 11' 31.33442"	1817.965	2009/12/7	Nyagihanga Nyamirama Rugogwe 818
SP	-01 37' 00.43976"	30 11' 25.66244"	1770.38	2009/12/7	Nyagihanga Nyamirama rugogwe 819
WS	-01 24' 43.75728"	30 05' 26.73229"	1694.917	2009/6/2	Ngoma Barrage

4.7 Carte de localisation de l'ouvrage de l'ouvrage du district Kayonza



4.8 Donnée de localisation de ouvrage du district Kayonza (1/7)

Name	Latitude	Longitude	Alti	Date	Comments
BF	-01 53' 59.29664"	30 30' 45.03758"	1575.234	2009/1/12	09-jan-09 .06
BF	-01 56' 02.86175"	30 30' 06.41315"	1572.35	2008/12/31	31-dec-08 .29
BF	-01 56' 24.08674"	30 33' 57.10802"	1641.324	2008/12/31	30-dec-08 .13
BF	-01 53' 55.09026"	30 30' 26.27244"	1572.11	2009/1/12	09-jan-09 .10
BF	-01 56' 41.77011"	30 40' 07.65944"	1402.198	2008/12/19	19-dec-08 .16
BF	-02 03' 16.43514"	30 41' 03.13076"	1341.155	2008/12/24	24-dec-08 .21
BF	-01 54' 43.25235"	30 34' 54.98641"	1396.43	2009/1/7	05-jan-09 .28
BF	-02 03' 17.19585"	30 37' 34.63010"	1480.304	2008/12/26	26-dec-08 .03
BF	-01 46' 54.34873"	30 29' 19.55915"	1592.297	2009/1/15	14-jan-09 .06
BF	-01 48' 53.84054"	30 29' 18.42187"	1581.242	2009/1/19	16-jan-09 .07
BF	-01 51' 38.51889"	30 35' 47.98522"	1397.632	2009/1/7	02-jan-09 .15
BF	-01 58' 38.85547"	30 45' 29.16342"	1337.79	2008/12/29	29-dec-08 .13
BF	-01 44' 36.33771"	30 30' 20.43086"	1440.65	2009/1/19	16-jan-09 .24
BF	-01 59' 11.30068"	30 44' 45.96482"	1370.475	2008/12/29	29-dec-08 .08
BF	-02 01' 21.39291"	30 41' 05.06980"	1377.925	2008/12/29	29-dec-08 .31
BF	-01 57' 32.85794"	30 32' 05.57124"	1590.855	2008/12/31	31-dec-08 .27
BF	-01 57' 48.30656"	30 36' 58.85269"	1427.673	2008/12/22	22-dec-08 .12
BF	-01 48' 24.84100"	30 27' 49.06958"	1585.087	2009/1/15	15-jan-09 .22
BF	-01 59' 13.00013"	30 44' 26.14718"	1377.685	2008/12/29	29-dec-08 .05
BF	-01 59' 13.83869"	30 30' 50.48474"	1571.148	2009/1/7	06-jan-09 .07
BF	-01 54' 38.79069"	30 35' 47.60473"	1388.98	2008/12/19	19-dec-08 .38
BF	-01 59' 16.12504"	30 42' 57.42464"	1307.269	2008/12/29	29-dec-08 .22
BF	-01 56' 27.24605"	30 36' 43.12584"	1380.569	2008/12/19	19-dec-08 .32
BF	-01 55' 02.82798"	30 40' 01.95701"	1418.781	2008/12/19	19-dec-08 .05
BF	-01 57' 50.86931"	30 33' 24.14714"	1598.305	2008/12/31	31-dec-08 .34
BF	-01 48' 04.65855"	30 30' 07.62739"	1614.648	2009/1/19	16-jan-09 .11
BF	-02 03' 22.89286"	30 40' 43.18007"	1366.149	2008/12/24	24-dec-08 .24
BF	-02 03' 23.24017"	30 41' 41.30196"	1309.912	2008/12/24	24-dec-08 .18
BF	-02 03' 23.39889"	30 41' 19.52869"	1326.735	2008/12/24	24-dec-08 .19
BF	-02 03' 23.56847"	30 37' 53.22839"	1462.521	2008/12/26	26-dec-08 .33
BF	-01 59' 17.36220"	30 44' 41.82241"	1369.754	2008/12/29	29-dec-08 .07
BF	-01 48' 14.16604"	30 30' 22.61221"	1596.383	2009/1/15	14-jan-09 .03
BF	-01 59' 17.74905"	30 31' 27.35144"	1549.519	2009/1/7	06-jan-09 .04
BF	-01 59' 18.10300"	30 30' 25.19791"	1554.325	2009/1/7	06-jan-09 .09
BF	-01 59' 18.23335"	30 44' 17.02442"	1378.406	2008/12/29	29-dec-08 .03
BF	-01 53' 26.05451"	30 31' 29.06569"	1576.676	2009/1/12	09-jan-09 .08
BF	-01 57' 49.19340"	30 32' 27.31733"	1595.902	2008/12/31	30-dec-08 .11
BF	-02 05' 56.12800"	30 38' 59.90122"	1579.56	2008/12/24	24-dec-08 .07
BF	-01 51' 47.45155"	30 33' 13.63151"	1629.308	2009/1/7	05-jan-09 .38
BF	-02 05' 37.84777"	30 37' 53.55214"	1589.894	2008/12/26	26-dec-08 .23
BF	-01 57' 16.25785"	30 36' 40.27946"	1373.118	2008/12/19	19-dec-08 .43
BF	-02 03' 37.66073"	30 40' 42.28356"	1372.878	2008/12/24	24-dec-08 .25
BF	-01 56' 17.11484"	30 33' 54.85702"	1636.758	2008/12/31	30-dec-08 .14
BF	-01 56' 03.37110"	30 40' 31.43118"	1374.32	2008/12/19	19-dec-08 .11
BF	-02 03' 39.97544"	30 37' 25.33865"	1494.484	2008/12/26	26-dec-08 .04
BF	-02 03' 40.35233"	30 40' 51.84660"	1352.69	2008/12/24	24-dec-08 .26
BF	-01 56' 17.23614"	30 40' 05.96179"	1386.577	2008/12/19	Nyankora.09
BF	-01 56' 05.81858"	30 40' 15.75235"	1392.585	2008/12/19	19-dec-08 .04
BF	-01 51' 49.44218"	30 33' 36.49954"	1623.78	2009/1/7	05-jan-09 .35
BF	-01 44' 58.44834"	30 30' 49.96001"	1513.71	2009/1/19	16-jan-09 .22
BF	-01 57' 52.55639"	30 39' 34.17350"	1410.61	2008/12/19	19-dec-08 .14
BF	-01 52' 53.15518"	30 30' 40.50742"	1512.749	2009/1/12	12-jan-09 .13
BF	-02 03' 43.98266"	30 41' 09.64039"	1330.1	2008/12/24	24-dec-08 .16
BF	-01 59' 22.40653"	30 42' 48.68482"	1308.711	2008/12/29	29-dec-08 .21
BF	-01 58' 15.88306"	30 36' 27.72522"	1410.369	2008/12/22	22-dec-08 .15
BF	-01 53' 09.40403"	30 29' 25.92816"	1572.35	2009/1/12	12-jan-09 .19
BF	-01 56' 27.84230"	30 40' 24.33256"	1376.964	2008/12/19	19-dec-08 .10
BF	-01 55' 04.41729"	30 34' 21.84269"	1422.626	2008/12/22	22-dec-08 .08
BF	-01 51' 52.41652"	30 35' 49.97465"	1397.392	2009/1/7	02-jan-09 .14
BF	-01 53' 03.32259"	30 30' 50.10214"	1535.58	2009/1/12	12-jan-09 .12
BF	-01 54' 26.74429"	30 38' 31.04801"	1401.718	2008/12/19	19-dec-08 .29
BF	-01 58' 16.66308"	30 33' 38.67304"	1637.479	2008/12/31	30-dec-08 .18
BF	-02 04' 43.45820"	30 40' 30.37145"	1347.163	2008/12/24	24-dec-08 .28
BF	-01 48' 07.33415"	30 30' 04.26924"	1614.888	2009/1/19	16-jan-09 .10
BF	-01 52' 53.99796"	30 30' 28.27937"	1514.912	2009/1/12	12-jan-09 .14
BF	-01 53' 52.86366"	30 35' 54.57300"	1393.065	2009/1/7	05-jan-09 .24
BF	-01 59' 29.11923"	30 31' 05.51453"	1557.45	2009/1/7	06-jan-09 .05
BF	-01 58' 12.92321"	30 45' 45.56891"	1332.984	2008/12/29	29-dec-08 .15
BF	-01 50' 57.91983"	30 29' 39.95405"	1569.947	2009/1/12	12-jan-09 .36
BF	-01 59' 29.24053"	30 30' 12.81838"	1566.582	2009/1/7	06-jan-09 .08
BF	-01 59' 30.71820"	30 42' 54.52427"	1314.238	2008/12/29	29-dec-08 .19
BF	-02 03' 52.33567"	30 37' 49.67105"	1479.583	2008/12/26	26-dec-08 .06
BF	-01 59' 31.62344"	30 41' 38.81162"	1382.731	2008/12/29	29-dec-08 .28

4.8 Donnée de localisation de ouvrage du district Kayonza (2/7)

Name	Latitude	Longitude	Alti	Date	Comments
BF	-02 03' 53.29191"	30 38' 26.46748"	1477.421	2008/12/26	26-dec-08 .30
BF	-01 48' 58.63774"	30 35' 04.06363"	1688.669	2009/1/13	13-jan-09 .21
BF	-01 58' 42.41128"	30 33' 20.02104"	1649.495	2008/12/31	30-dec-08 .09
BF	-01 54' 46.80936"	30 35' 52.40706"	1381.53	2008/12/19	19-dec-08 .37
BF	-01 59' 36.46892"	30 42' 55.48021"	1319.045	2008/12/29	29-dec-08 .17
BF	-02 06' 16.36506"	30 36' 48.81985"	1497.849	2008/12/26	26-dec-08 .15
BF	-01 56' 27.87037"	30 30' 15.32408"	1573.792	2008/12/31	31-dec-08 .28
BF	-02 01' 21.21669"	30 38' 14.61872"	1464.443	2008/12/23	23-dec-08 .14
BF	-02 01' 32.31138"	30 38' 12.94220"	1459.636	2008/12/23	23-dec-08 .13
BF	-01 55' 20.66584"	30 38' 10.46000"	1382.491	2008/12/19	19-dec-08 .27
BF	-02 01' 49.48329"	30 33' 26.46580"	1687.948	2008/12/22	Cyinzovu 09
BF	-01 54' 27.24791"	30 30' 53.33868"	1596.623	2009/1/12	09-jan-09 .04
BF	-01 49' 02.88515"	30 29' 57.42316"	1610.562	2009/1/19	16-jan-09 .05
BF	-01 58' 23.02635"	30 33' 06.15719"	1619.214	2008/12/31	30-dec-08 .10
BF	-01 56' 29.19293"	30 30' 46.09552"	1583.646	2008/12/31	31-dec-08 .23
BF	-01 59' 41.10438"	30 30' 10.88294"	1561.535	2009/1/7	06-jan-09 .10
BF	-01 58' 32.14187"	30 45' 20.15413"	1356.295	2008/12/29	29-dec-08 .11
BF	-01 46' 59.45130"	30 28' 57.20138"	1577.397	2009/1/15	14-jan-09 .07
BF	-01 59' 42.39285"	30 33' 30.97663"	1659.349	2008/12/22	Rutagara 23
BF	-01 54' 05.57452"	30 29' 53.90902"	1594.941	2009/1/12	12-jan-09 >16
BF	-02 01' 34.23986"	30 38' 49.95438"	1468.529	2008/12/23	23-dec-08 .08
BF	-01 59' 45.88498"	30 31' 06.97832"	1545.193	2009/1/7	06-jan-09 .06
BF	-01 49' 08.60841"	30 28' 48.50260"	1592.297	2009/1/19	16-jan-09 .04
BF	-01 54' 17.88827"	30 35' 28.23158"	1385.375	2009/1/7	05-jan-09 .26
BF	-01 56' 29.46722"	30 31' 09.04922"	1596.383	2008/12/31	31-dec-08 .21
BF	-02 02' 40.75307"	30 41' 59.45273"	1350.528	2008/12/29	29-dec-08 .39
BF	-01 56' 31.91742"	30 40' 07.95576"	1393.306	2008/12/19	19-dec-08 .17
BF	-02 04' 45.90297"	30 37' 43.60440"	1507.221	2008/12/26	26-dec-08 .17
BF	-01 49' 11.95390"	30 31' 11.23990"	1610.562	2009/1/13	13-jan-09 .26
BF	-02 04' 47.07436"	30 41' 05.91983"	1320.727	2008/12/24	24-dec-08 .12
BF	-01 54' 58.66234"	30 33' 59.70852"	1461.319	2008/12/22	22-dec-08 .06
BF	-01 49' 18.33286"	30 28' 48.52823"	1596.864	2009/1/19	16-jan-09 .08
BF	-02 04' 11.49308"	30 40' 50.00200"	1330.34	2008/12/24	24-dec-08 .14
BF	-01 54' 31.52972"	30 35' 06.71780"	1399.314	2009/1/7	05-jan-09 .27
BF	-01 54' 35.06470"	30 30' 26.78512"	1575.474	2009/1/12	09-jan-09 .05
BF	-01 49' 18.33498"	30 31' 12.67410"	1612.725	2009/1/13	13-jan-09 .25
BF	-02 02' 44.58256"	30 37' 44.54134"	1446.418	2008/12/26	26-dec-08 .02
BF	-01 49' 19.27915"	30 26' 52.50203"	1530.293	2009/1/15	15-jan-09 .24
BF	-02 02' 03.86341"	30 31' 14.06698"	1531.735	2008/12/22	Murambi 19
BF	-02 02' 16.15635"	30 33' 15.48788"	1681.459	2008/12/22	Ecole primairo Cyizovu 10
BF	-01 54' 52.86032"	30 36' 15.31703"	1345	2008/12/19	19-dec-08 .36
BF	-01 56' 09.33365"	30 39' 35.61253"	1413.974	2008/12/19	19-dec-08 .19
BF	-02 04' 16.10711"	30 37' 41.15780"	1482.227	2008/12/26	26-dec-08 .08
BF	-01 49' 23.95746"	30 29' 48.05416"	1581.002	2009/1/19	16-jan-09 .06
BF	-01 56' 17.74459"	30 35' 53.22116"	1363.024	2008/12/19	19-dec-08 .34
BF	-02 05' 01.26951"	30 40' 22.74265"	1355.574	2008/12/24	24-dec-08 .30
BF	-02 02' 26.84518"	30 31' 57.50278"	1566.582	2008/12/22	Kabwra primerry school 17
BF	-01 52' 25.79684"	30 35' 55.18255"	1378.406	2009/1/7	02-jan-09 .12
BF	-01 56' 10.17794"	30 39' 51.34630"	1404.601	2008/12/19	19-dec-08 .18
BF	-01 56' 18.10035"	30 37' 19.59186"	1387.057	2008/12/19	19-dec-08 .24
BF	-01 50' 24.35665"	30 34' 46.17386"	1601.189	2009/1/7	05-jan-09 .34
BF	-01 57' 49.59322"	30 36' 58.17103"	1428.394	2008/12/22	22-dec-08 .11
BF	-01 52' 33.17460"	30 30' 13.72118"	1486.072	2009/1/12	12-jan-09 .15
BF	-02 04' 23.67829"	30 37' 13.19722"	1492.562	2008/12/26	26-dec-08 .09
BF	-02 04' 24.96192"	30 39' 40.59803"	1540.627	2008/12/23	23-dec-08 .06
BF	-01 53' 41.94248"	30 29' 12.32203"	1568.024	2009/1/12	12-jan-09 .27
BF	-01 53' 42.41653"	30 29' 21.90376"	1579.8	2009/1/12	12-jan-09 .28
BF	-01 53' 43.17120"	30 36' 19.79374"	1377.685	2009/1/7	02-jan-09 .20
BF	-01 50' 46.22496"	30 31' 11.49820"	1593.499	2009/1/12	12-jan-09 .34
BF	-01 51' 19.66081"	30 31' 15.57602"	1580.521	2009/1/12	12-jan-09 .31
BF	-02 00' 26.98072"	30 41' 29.36328"	1371.677	2008/12/29	29-dec-08 .26
BF	-01 47' 03.96214"	30 29' 55.27864"	1615.369	2009/1/15	14-jan-09 .05
BF	-01 54' 37.48110"	30 38' 29.76983"	1400.276	2008/12/19	19-dec-08 .28
BF	-01 58' 52.13150"	30 29' 59.41230"	1558.411	2009/1/7	06-jan-09 .11
BF	-01 53' 36.20714"	30 33' 05.15783"	1596.143	2009/1/7	05-jan-09 .42
BF	-02 02' 51.12236"	30 42' 06.23966"	1334.426	2008/12/29	29-dec-08 .40
BF	-01 49' 32.59591"	30 35' 01.97070"	1651.898	2009/1/13	13-jan-09 .23
BF	-01 49' 37.64930"	30 26' 35.33827"	1523.563	2009/1/15	15-jan-09 .29
BF	-02 00' 30.47889"	30 32' 46.61567"	1555.287	2008/12/22	Busindu 27
BF	-01 54' 01.15632"	30 35' 39.72667"	1388.019	2009/1/7	05-jan-09 .25
BF	-01 45' 40.96621"	30 31' 13.51902"	1598.546	2009/1/19	16-jan-09 .18
BF	-02 04' 51.12443"	30 38' 27.01878"	1630.029	2008/12/26	26-dec-08 .28
BF	-01 48' 17.41497"	30 27' 19.53958"	1534.138	2009/1/15	15-jan-09 .23

4.8 Donnée de localisation de ouvrage du district Kayonza (3/7)

Name	Latitude	Longitude	Alti	Date	Comments
BF	-02 05' 20.29536"	30 40' 18.13040"	1364.467	2008/12/24	24-dec-08 .32
BF	-01 53' 21.23770"	30 36' 24.48745"	1364.947	2009/1/7	02-jan-09 .19
BF	-02 00' 32.84278"	30 41' 28.19792"	1375.281	2008/12/29	29-dec-08 .30
BF	-01 56' 54.14391"	30 37' 03.28840"	1414.695	2008/12/19	19-dec-08 .23
BF	-01 47' 12.92407"	30 28' 27.17771"	1594.46	2009/1/15	14-jan-09 .08
BF	-01 52' 47.07042"	30 29' 22.67923"	1556.489	2009/1/12	12-jan-09 .20
BF	-01 58' 23.20348"	30 45' 39.90024"	1337.79	2008/12/29	29-dec-08 .16
BF	-02 00' 38.40914"	30 33' 28.49627"	1667.039	2008/12/22	nouse(close) 26
BF	-01 57' 30.32778"	30 31' 43.23428"	1607.919	2008/12/31	31-dec-08.26
BF	-01 47' 15.94397"	30 30' 36.87286"	1623.78	2009/1/19	16-jan-09 .13
BF	-01 58' 59.03008"	30 44' 41.92199"	1369.754	2008/12/29	29-dec-08 06
BF	-01 49' 47.74852"	30 27' 58.34444"	1539.906	2009/1/19	16-jan-09 .02
BF	-01 58' 59.15560"	30 45' 03.26830"	1362.303	2008/12/29	29-dec-08 .10
BF	-01 58' 29.91104"	30 31' 11.29390"	1618.012	2009/1/7	07-jan-09 .13
BF	-01 53' 46.45271"	30 30' 28.63843"	1568.505	2009/1/12	09-jan-09 .11
BF	-01 58' 09.92020"	30 36' 36.86126"	1414.455	2008/12/22	22-dec-08 .14
BF	-01 58' 59.84238"	30 31' 19.91759"	1581.963	2009/1/7	06-jan-09 .03
BF	-02 04' 52.99195"	30 37' 49.30050"	1503.376	2008/12/26	26-dec-08 .19
BF	-01 50' 44.27024"	30 31' 51.10752"	1580.041	2009/1/13	13-jan-09 .03
BF	-01 48' 09.87699"	30 29' 50.36708"	1618.974	2009/1/19	16-jan-09 .09
BF	-01 56' 42.30058"	30 30' 59.34107"	1594.22	2008/12/31	31-dec-08 .24
BF	-01 48' 21.00759"	30 35' 15.48964"	1717.989	2009/1/13	13-jan-09 .18 broken
BF	-01 48' 21.02177"	30 35' 16.81433"	1718.95	2009/1/13	13-jan-09 .19
BF	-01 53' 05.29150"	30 33' 13.27907"	1625.943	2009/1/7	05-jan-09 .41
BF	-01 58' 35.93575"	30 33' 39.63017"	1669.683	2008/12/31	30-dec-08 .08
BF	-01 53' 56.75833"	30 29' 56.05897"	1602.391	2009/9/23	BF
BF	-01 56' 56.93267"	30 40' 18.23664"	1385.135	2008/12/19	19-dec-08 .12
BF	-01 56' 58.63514"	30 33' 51.52388"	1642.045	2008/12/31	30-dec-08 .12
BF	-01 57' 09.63538"	30 37' 00.55394"	1411.331	2008/12/19	19-dec-08 .22
BF	-01 53' 50.73935"	30 30' 56.78435"	1571.869	2009/1/12	09-jan-09 .07
BF	-01 57' 55.04310"	30 33' 27.64894"	1605.996	2008/12/31	31-dec-08 .35
BF	-01 57' 05.53461"	30 40' 08.19052"	1386.577	2008/12/19	19-dec-08 .13
BF	-02 05' 23.90729"	30 36' 54.18432"	1527.649	2008/12/26	26-dec-08 .11
BF	-01 53' 25.30618"	30 29' 55.35618"	1615.369	2009/1/12	12-jan-09 .18
BF	-01 52' 52.17298"	30 36' 05.07960"	1380.569	2009/1/7	02-jan-09 .09
BF	-02 05' 26.32339"	30 39' 38.58656"	1448.822	2008/12/24	24-dec-08 .05
BF	-02 02' 35.13059"	30 32' 50.06011"	1603.352	2008/12/22	Kabwra 13
BF	-01 49' 59.15793"	30 27' 41.61974"	1481.026	2009/1/19	16-jan-09 .01
BF	-01 51' 10.71668"	30 32' 52.63735"	1590.135	2009/1/13	13-jan-09 .07
BF	-01 47' 36.66474"	30 28' 13.04504"	1590.135	2009/1/15	14-jan-09 .09
BF	-01 57' 10.75517"	30 39' 53.31218"	1399.074	2008/12/19	19-dec-08 .15
BF	-01 55' 36.73304"	30 37' 52.71420"	1387.538	2008/12/19	19-dec-08 .26
BF	-01 50' 00.48562"	30 26' 17.71253"	1522.843	2009/1/15	15-jan-09 .30
BF	-01 47' 38.46467"	30 30' 11.77312"	1614.888	2009/1/19	16-jan-09 .12
BF	-01 55' 41.13012"	30 33' 41.23156"	1590.375	2008/12/31	30-dec-08 .15
BF	-01 50' 01.69926"	30 28' 12.67057"	1509.625	2009/1/19	16-jan-09 .03
BF	-01 53' 18.20483"	30 38' 21.36458"	1384.895	2008/12/19	19-dec-08 .30
BF	-01 55' 42.52450"	30 30' 02.80393"	1578.358	2008/12/31	31-dec-08 .31
BF	-01 55' 44.19378"	30 36' 21.37403"	1341.876	2008/12/19	19-dec-08 .35
BF	-01 50' 54.60663"	30 32' 26.44048"	1585.808	2009/1/13	13-jan-09 .05
BF	-02 01' 01.34836"	30 41' 48.82999"	1374.08	2008/12/29	29-dec-08 .25
BF	-01 55' 47.24053"	30 40' 23.32078"	1386.336	2008/12/19	19-dec-08 .08
BF	-01 55' 50.03502"	30 30' 09.84010"	1572.11	2008/12/31	31-dec-08 .30
BF	-02 02' 12.78491"	30 31' 40.09760"	1556.008	2008/12/22	Batare 18
BF	-01 54' 05.14483"	30 36' 28.94728"	1351.008	2009/1/7	05-jan-09 .22
BF	-01 53' 51.67809"	30 36' 08.45222"	1396.19	2009/1/7	05-jan-09 .23
BF	-02 02' 13.77464"	30 40' 49.57774"	1395.949	2008/12/29	29-dec-08 .35
BF	-01 46' 31.68199"	30 30' 59.32505"	1618.493	2009/1/19	2009/1/16 10:23
BF	-02 05' 28.53641"	30 36' 58.01713"	1516.594	2008/12/26	26-dec-08 .13
BF	-02 02' 14.11653"	30 33' 09.94716"	1657.667	2008/12/22	ES1 Cynzovu 11
BF	-01 57' 05.48694"	30 31' 10.35307"	1611.043	2008/12/31	31-dec-08 .25
BF	-01 58' 05.95221"	30 45' 36.99018"	1348.605	2008/12/29	29-dec-08 .14
BF	-02 06' 02.12042"	30 37' 20.82691"	1611.523	2008/12/26	26-dec-08 .21
BF	-01 55' 56.36360"	30 31' 54.18174"	1580.521	2008/12/31	31-dec-08 .20
BF	-01 55' 57.63335"	30 37' 32.44030"	1375.522	2008/12/19	19-dec-08 .25
BF	-01 55' 59.39134"	30 30' 31.51652"	1565.861	2008/12/31	31-dec-08 .22
D.Tank	-01 54' 26.31369"	30 30' 53.08913"	1590.375	2009/9/23	Distribution Tank
HP	-01 44' 17.38454"	30 34' 55.68974"	0		Kahi
HP	-01 45' 12.76510"	30 35' 31.69082"	1382.251	2009/1/13	13-jan-09 .16 broken
HP	-01 46' 53.87914"	30 22' 51.06985"	0		Tsima II
HP	-01 48' 38.36935"	30 34' 12.50112"	0		Julu II
HP	-01 48' 41.78792"	30 33' 01.80376"	0		Rubabiro (Rubaliro)
HP	-01 48' 56.37022"	30 33' 04.98568"	0		Juru I

4.8 Donnée de localisation de ouvrage du district Kayonza (4/7)

Name	Latitude	Longitude	Alti	Date	Comments
HP	-01 49' 12.42144"	30 33' 11.52882"	0		Gisenga
HP	-01 49' 42.78868"	30 34' 28.11090"	1495.686	2009/1/13	13-jan-09 .10
HP	-01 49' 47.17248"	30 33' 17.37983"	1454.109	2009/1/13	13-jan-09 .13
HP	-01 49' 59.36251"	30 33' 04.82738"	1445.457	2009/1/13	13-jan-09 .14
HP	-01 50' 12.39778"	30 35' 37.91384"	0		Tsima I
HP	-01 51' 02.35347"	30 33' 19.72287"	0		Kibombwe
HP	-01 59' 31.52175"	30 34' 09.42964"	1455.31	2008/12/22	Mwenge 31
HP	-02 00' 13.80426"	30 34' 31.81516"	1425.269	2008/12/22	Breakdown 32
HP	-02 01' 03.48655"	30 34' 24.71290"	1440.41	2008/12/22	Gashikiro 33
HP	-01 44' 03.24699"	30 23' 46.71279"	1413.493	2009/12/7	Kiziguro Ndatemwa Akamamesa 647
HP	-01 44' 20.64675"	30 23' 41.58026"	0		Nyagashenyi Ii
HP	-01 45' 35.76912"	30 22' 52.78206"	1475.498	2009/2/18	KIZIGURO AGAKOMEYE AKABINGO 387
HP	-01 46' 18.99678"	30 26' 42.84517"	1474.296	2009/12/7	Kiziguro Rubona Rubindi 683
HP	-01 46' 57.45234"	30 23' 28.33172"	0	2009/2/18	KIZIGURO AGAKOMEYE ISANGANO 386
HP	-01 46' 58.53272"	30 24' 18.77175"	0	2009/12/7	Kizigiro RUBONA Rubira 668
HP	-01 54' 01.74000"	30 30' 19.08000"	0		
HP	-01 54' 39.95755"	30 31' 16.29027"	1470		
HP	-01 39' 00.22517"	30 35' 14.68547"	1314.959	2009/1/19	19-jan-09 .33
HP	-01 39' 51.15730"	30 31' 52.47142"	1373.599	2009/1/19	16-jan-09 .21
HP	-01 40' 24.04427"	30 31' 55.86701"	1381.049	2009/1/19	16-jan-09 .20
HP	-01 40' 57.06371"	30 28' 58.62793"	1342.356	2009/1/15	Ngumeri
HP	-01 41' 59.35566"	30 27' 54.62166"	1357.497	2009/1/19	Mukabasaza
HP	-01 42' 04.65296"	30 29' 03.48018"	1342.116	2009/1/15	15-jan-09 .32
HP	-01 42' 35.06740"	30 28' 07.83220"	1367.11	2009/1/19	Nyagashanga
HP	-01 42' 36.29467"	30 26' 47.73779"	1362.063	2009/1/19	Rwisheke
HP	-01 42' 54.01841"	30 28' 42.72920"	0		Nyamirama
HP	-01 42' 59.16775"	30 34' 15.41723"	1438.488	2009/1/19	19-jan-09 .32
HP	-01 43' 04.81512"	30 32' 46.39982"	0		Murugunga
HP	-01 43' 20.05629"	30 29' 36.89884"	1359.66	2009/1/19	16-jan-09 .29
HP	-01 43' 30.01704"	30 29' 40.10989"	1352.931	2009/1/19	Nyamirama II
HP	-01 43' 33.11513"	30 29' 20.80141"	0		Nyamirama I
HP	-01 43' 34.45362"	30 30' 04.16513"	1345.24	2009/1/19	16-jan-09 .31
HP	-01 43' 39.75051"	30 27' 10.40144"	1406.524	2009/1/19	19-jan-09 .39
HP	-01 43' 41.43702"	30 30' 03.79714"	0		Macuba
HP	-01 44' 11.09253"	30 30' 09.72785"	1379.607	2009/1/19	16-jan-09 .25
HP	-01 44' 18.18703"	30 30' 13.99950"	0		Kinunga
HP	-01 44' 24.76355"	30 29' 17.44361"	1393.306	2009/1/19	16-jan-09 .28
HP	-01 44' 25.63077"	30 32' 29.47697"	1364.707	2009/1/19	19-jan-09 .34
HP	-01 45' 26.56581"	30 32' 02.10849"	0		Ryakarenzi
HP	-01 47' 50.77125"	30 29' 08.49159"	0		Nyange
HP	-01 50' 11.36352"	30 38' 57.55492"	1306		Kageyo 2
HP	-01 50' 25.35188"	30 40' 07.75052"	0		Sebasengo
HP	-01 50' 46.44069"	30 39' 43.88703"	0		Rwisirabo 2
HP	-01 51' 10.86508"	30 34' 20.18647"	0		Rwisirabo 3
HP	-01 51' 11.30331"	30 39' 43.85447"	0		Rwisirabo I
HP	-01 51' 52.64901"	30 35' 55.76006"	0		Kigarama
HP	-01 52' 08.92222"	30 34' 00.18549"	0		Nyakabungo I
HP	-01 52' 32.07270"	30 33' 47.08813"	0		Murwiri I
HP	-01 53' 19.81518"	30 36' 34.12728"	0		Kabeza (Rwisirabo)
HP	-01 53' 27.77520"	30 33' 42.38602"	0		Murwiri 2
HP	-01 53' 29.70077"	30 38' 03.40948"	0		Ndago II
HP	-01 53' 35.09401"	30 33' 40.43537"	0		Rubonobono
HP	-01 50' 14.50003"	30 38' 46.38318"	1308.47	2009/1/7	02-jan-09 .04
HP	-01 50' 25.49786"	30 39' 09.72554"	1309.672	2009/1/7	02-jan-09 .03
HP	-01 50' 38.75609"	30 39' 35.73414"	1310.393	2009/1/7	02-jan-09 .05
HP	-01 51' 13.58511"	30 38' 55.16102"	1312.556	2009/1/7	02-jan-09 .02
HP	-01 51' 21.79538"	30 38' 55.77209"	1313.998	2009/1/7	02-jan-09 .01
HP	-01 52' 13.74803"	30 35' 59.33429"	1369.514	2009/1/7	02-jan-09 .13
HP	-01 52' 39.83117"	30 38' 05.89394"	1321.928	2009/1/7	02-jan-09 .07
HP	-01 52' 41.33086"	30 36' 17.46817"	1355.334	2009/1/7	02-jan-09 .11
HP	-01 53' 12.73352"	30 36' 36.60988"	1343.798	2009/1/7	02-jan-09 .08
HP	-01 53' 20.86203"	30 33' 45.70164"	1495.205	2009/1/7	05-jan-09 .33
HP	-01 54' 40.72098"	30 40' 48.17521"	1346.682	2008/12/19	19-dec-08 .06
HP	-01 45' 29.26501"	30 27' 32.88834"	1503.376	2009/1/15	14-jan-09 .11
HP	-01 45' 57.89672"	30 27' 33.87899"	1489.677	2009/1/15	14-jan-09 .10
HP	-01 45' 59.79200"	30 27' 36.52621"	1497.849	2009/1/15	14-jan-09 .12
HP	-01 46' 04.13386"	30 27' 41.18342"	1490.638	2009/1/15	14-jan-09 .13
HP	-01 46' 07.62448"	30 27' 48.31978"	1495.926	2009/1/15	14-jan-09 .14
HP	-01 46' 09.25725"	30 27' 56.19931"	1498.089	2009/1/15	14-jan-09 .15
HP	-01 47' 13.14797"	30 26' 55.48963"	1470.932	2009/1/15	14-jan-09 .17
HP	-01 47' 19.28181"	30 26' 53.62805"	0		Nyarukarishya i
HP	-01 47' 36.82617"	30 26' 56.14955"	1476.219	2009/1/15	14-jan-09 .16
HP	-01 47' 53.70798"	30 26' 54.64741"	0		Ryamuremba

4.8 Donnée de localisation de ouvrage du district Kayonza (5/7)

Name	Latitude	Longitude	Alti	Date	Comments
HP	-01 47' 59.75031"	30 27' 03.06835"	1462.04	2009/1/15	14-jan-09 .18
HP	-01 48' 00.81277"	30 27' 25.97440"	1467.808	2009/1/15	14-jan-09 .19
HP	-01 48' 05.01690"	30 27' 30.84808"	0		Ryabagagari
HP	-01 48' 50.54756"	30 26' 39.21785"	1459.156	2009/1/15	15-jan-09 .25
HP	-01 49' 01.70086"	30 26' 47.17977"	0		Kishaba
HP	-01 49' 09.98167"	30 27' 45.52888"	1455.07	2009/1/15	15-jan-09 .28
HP	-01 49' 19.77452"	30 27' 43.71080"	0		Butimba II
HP	-01 49' 26.43270"	30 27' 28.77642"	1451.706	2009/1/15	15-jan-09 .27
HP	-01 49' 58.70893"	30 26' 54.93412"	1454.589	2009/1/15	15-jan-09 .26
HP	-01 50' 11.06251"	30 29' 21.07080"	0		Kabuga
HP	-01 59' 41.13003"	30 28' 29.54737"	1379.367	2009/1/8	08-jan-09 .09
HP	-02 00' 35.79026"	30 29' 05.04564"	1363.024	2009/1/8	08-jan-09 .04
HP	-02 01' 29.19100"	30 29' 13.31657"	1360.141	2009/1/8	08-jan-09 .03
HP	-02 02' 05.15641"	30 29' 06.75809"	1363.986	2009/1/8	08-jan-09 .02
HP	-01 54' 14.79474"	30 36' 29.32146"	1343.318	2008/12/22	22-dec-08 .10
HP	-01 55' 24.37705"	30 40' 30.91429"	1369.273	2008/12/19	19-dec-08 .07
HP	-01 55' 56.99757"	30 35' 10.63662"	1416.618	2008/12/19	19-dec-08 .40
HP	-01 56' 16.60187"	30 36' 13.92415"	1341.876	2008/12/19	19-dec-08 .33
HP	-01 57' 09.29742"	30 36' 38.39472"	1375.281	2008/12/19	19-dec-08 .42
HP	-01 57' 30.48318"	30 36' 37.06009"	1369.514	2008/12/22	22-dec-08 .2
HP	-01 57' 37.94542"	30 37' 47.50540"	1442.333	2008/12/19	19-dec-08 .20
HP	-01 57' 44.63911"	30 35' 22.64770"	1355.815	2008/12/22	22-dec-08 .17
HP	-01 57' 46.12673"	30 37' 14.34353"	1416.137	2008/12/19	19-dec-08 .21
HP	-01 57' 48.91579"	30 35' 05.42029"	1366.389	2008/12/22	22-dec-08 .18
HP	-01 58' 00.84270"	30 34' 54.95052"	1365.428	2008/12/22	22-dec-08 .19
HP	-01 58' 08.67157"	30 35' 58.51234"	1379.848	2008/12/22	22-dec-08 .16
HP	-01 58' 24.79278"	30 34' 47.32684"	1377.685	2008/12/22	22-dec-08 .20
HP	-01 58' 41.41068"	30 34' 48.66236"	1383.693	2008/12/22	22-dec-08 .21
HP	-01 58' 57.33033"	30 34' 46.87151"	1386.336	2008/12/22	22-dec-08 .22
HP	-01 59' 09.85410"	30 34' 42.53354"	1398.353	2008/12/22	22-dec-08 .23
Kiosk	-02 03' 26.10044"	30 33' 51.53926"	1618.733	2008/12/22	nowater 08
Kiosk	-02 02' 30.57238"	30 33' 49.25506"	1634.355	2008/12/22	nowater 06
Kiosk	-01 59' 29.17596"	30 33' 29.84627"	1667.28	2008/12/22	Rutagana 24
Kiosk	-02 02' 33.51684"	30 32' 16.22749"	1580.041	2008/12/22	Kabeza 15
Kiosk	-02 01' 29.25044"	30 33' 41.49918"	1687.467	2008/12/22	Bitoma 04
Kiosk	-02 01' 17.92099"	30 33' 00.11138"	1563.939	2008/12/22	Gihuke 03
Kiosk	-01 59' 50.23439"	30 33' 32.66942"	1657.667	2008/12/22	Rwtagara 22
Kiosk	-01 53' 28.65468"	30 27' 50.77418"	1519.478	2009/1/17	Ragwe newly 01
Kiosk	-01 53' 40.88274"	30 29' 07.52903"	1559.132	2009/1/17	newly 03
Kiosk	-02 00' 19.50942"	30 32' 38.24002"	1508.423	2008/12/22	Rwgwagwa 28
Kiosk	-01 53' 42.57525"	30 28' 23.93998"	1537.983	2009/1/17	Kamayange newly 02
Kiosk	-02 00' 28.68348"	30 32' 07.19012"	1531.014	2008/12/22	Nkuba2 29
Kiosk	-02 00' 30.98975"	30 33' 31.42141"	1653.581	2008/12/22	rwtagara 21
Kiosk	-02 02' 59.91833"	30 33' 50.36548"	1621.617	2008/12/22	Cyinzovu 07
Kiosk	-02 03' 07.72305"	30 31' 47.58067"	1551.441	2008/12/22	Kabwra 16
Kiosk	-02 02' 35.52136"	30 32' 30.87193"	1586.77	2008/12/22	Kabeza 14
Kiosk	-02 00' 46.99660"	30 32' 01.52812"	1527.169	2008/12/22	Nkuba1 30
M.Tank	-01 53' 44.36854"	30 30' 01.76382"	1615.849	2009/9/23	Main Tank
Office	-02 01' 29.49184"	30 29' 45.04574"	1487.274	2009/1/8	08-jan-09 .01 Cell
Office	-01 56' 25.37973"	30 30' 44.36255"	1530.293	2008/12/31	30-dec-08 .01
Office	-01 58' 19.89028"	30 36' 19.24819"	1374.08	2008/12/22	22-dec-08 .01
Office	-01 50' 52.35619"	30 30' 27.31648"	1576.436	2009/1/12	30 Gahini
Office	-02 01' 28.73476"	30 38' 12.20442"	1420.463	2008/12/26	26-dec-08 .01
Office	-02 02' 47.43250"	30 39' 31.55000"	1595.181	2008/12/18	Sector Office Kabare
Office	-02 00' 21.61201"	30 33' 30.18362"	1642.285	2008/12/22	Agronom Office Kabarond 01
Office	-01 58' 20.48744"	30 36' 19.78319"	1404.361	2008/12/19	19-dec-08 .01
Office	-02 00' 39.04095"	30 33' 29.17282"	0	2008/12/22	Sector Office Kabalondo
Office	-01 52' 50.70799"	30 34' 36.05743"	1668.721	2009/1/7	05-jan-09 .21
Office	-01 58' 30.55286"	30 31' 11.28245"	1607.438	2009/1/7	06-jan-09 .01
Office	-01 42' 17.58409"	30 32' 46.64674"	1502.896	2009/1/19	19.Murundi
Office	-02 00' 52.56839"	30 42' 41.66888"	1360.141	2008/12/29	29-dec-08 .01
Office	-01 47' 58.81217"	30 30' 19.12460"	1593.499	2009/1/15	01.Rukara
Office	-02 00' 55.41931"	30 37' 31.80270"	1708.375	2008/12/22	25.MURAMA
Office	-01 53' 57.47136"	30 30' 23.43028"	1574.513	2009/1/12	09-jan-09 .01
SP	-01 58' 37.73055"	30 31' 29.03974"	1506.741	2009/1/7	14 Gatare
SP	-02 03' 36.64625"	30 33' 40.62593"	1534.378	2008/12/29	Kabeza 121/min 16
SP	-01 45' 00.59377"	30 30' 05.06765"	1388.98	2009/1/19	26.Nyamga
SP	-01 59' 21.43400"	30 29' 03.10150"	1432.96	2009/1/8	07 Nyakariba
SP	-01 59' 28.04199"	30 29' 43.43348"	1444.255	2009/1/7	17 Karaso
SP	-01 59' 28.30904"	30 31' 18.79810"	1477.901	2009/1/7	12 Gitoki
SP	-01 48' 08.71254"	30 30' 50.16337"	1481.506	2009/1/15	.04 Ryakiramba
SP	-01 56' 49.05432"	30 32' 44.11417"	1493.042	2008/12/31	30-dec-08 .05
SP	-01 59' 49.52679"	30 38' 56.91239"	1416.377	2008/12/23	16.Kiburara

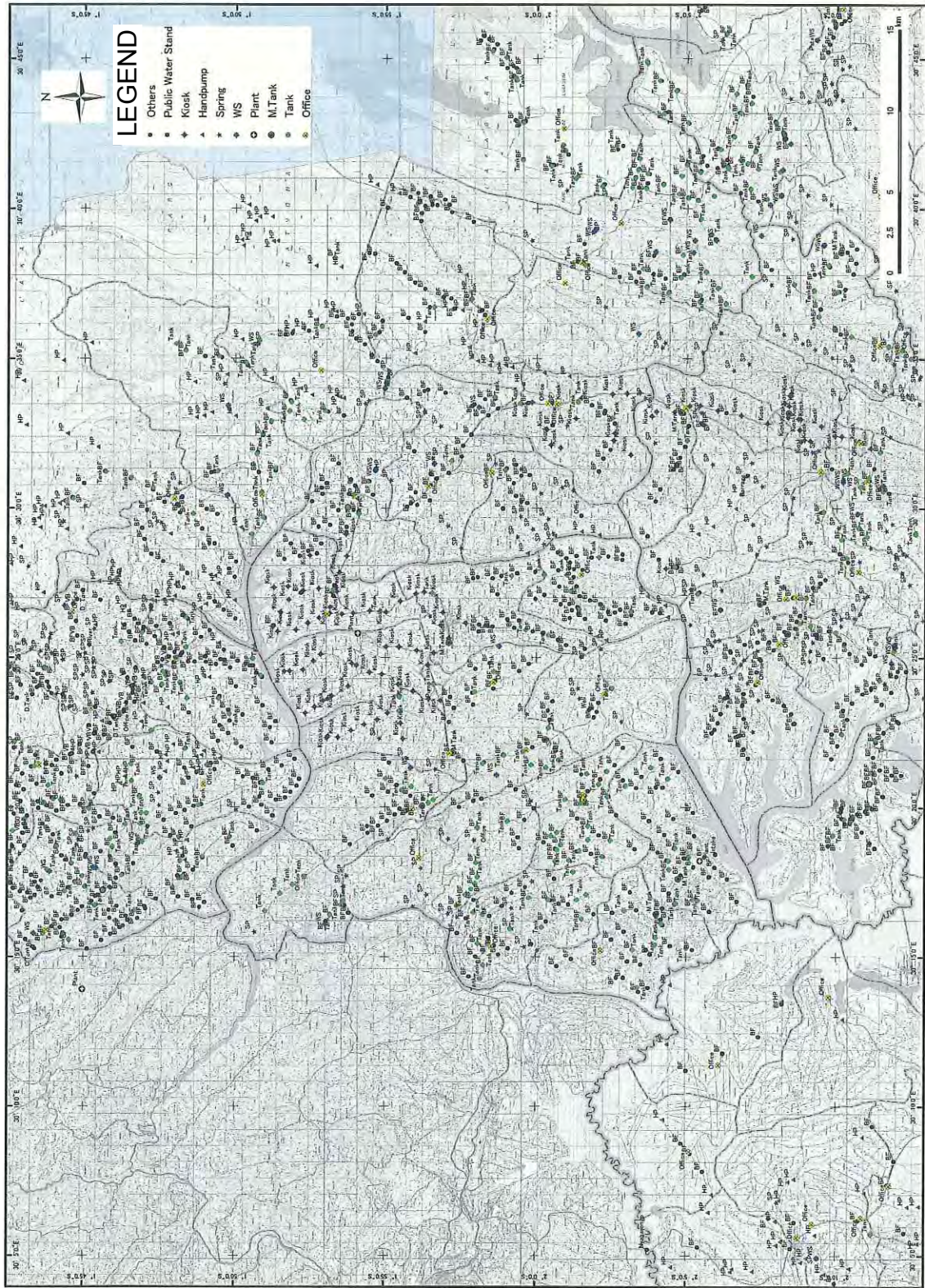
4.8 Donnée de localisation de ouvrage du district Kayonza (6/7)

Name	Latitude	Longitude	Alti	Date	Comments
SP	-02 04' 10.03231"	30 35' 22.42622"	1425.99	2008/12/23	03.Kaguruka
SP	-01 59' 52.39249"	30 29' 18.19374"	1395.229	2009/1/8	08 Rwanyakagora
SP	-01 56' 17.36439"	30 33' 14.42513"	1487.755	2008/12/31	30-dec-08 .17
SP	-01 55' 10.61188"	30 30' 55.83233"	1474.777	2008/12/31	19.Gashuhe
SP	-02 04' 15.75075"	30 35' 32.36402"	1431.518	2008/12/23	02.Kidimba
SP	-02 00' 08.48383"	30 30' 29.92540"	1441.372	2009/1/7	18 Rwabujeni
SP	-02 00' 14.13076"	30 28' 48.04212"	1366.63	2009/1/8	08-jan-09 .10
SP	-01 43' 09.62515"	30 28' 02.95396"	1373.839	2009/1/19	36.Gisagora
SP	-02 00' 23.12497"	30 29' 38.48694"	1398.833	2009/1/8	06 Rutaka
SP	-01 44' 18.38941"	30 29' 33.36688"	1382.972	2009/1/19	27.Kayongo
SP	-01 50' 43.82455"	30 35' 31.98412"	1413.974	2009/1/7	02-jan-09 .16
SP	-01 56' 33.57130"	30 31' 40.37192"	1501.934	2008/12/31	30-dec-08.03
SP	-01 49' 37.65443"	30 34' 09.38860"	1482.468	2009/1/13	13-jan-09 .11
SP	-02 00' 32.11436"	30 29' 09.35041"	1362.784	2009/1/8	05 Rwanyakajyugo
SP	-01 54' 19.00323"	30 33' 29.95308"	1467.567	2009/1/7	30.Rugege 2
SP	-02 02' 27.01869"	30 40' 20.50849"	1443.534	2008/12/29	29-dec-08 .36
SP	-02 01' 50.66071"	30 39' 12.90024"	1465.885	2008/12/23	23-dec-08 .09
SP	-01 47' 24.12678"	30 29' 33.04309"	1498.329	2009/1/15	21. Kajara
SP	-01 54' 25.93922"	30 33' 35.75632"	1469.25	2009/1/7	29.Rugege 1
SP	-01 47' 31.58390"	30 29' 30.81318"	1502.655	2009/1/15	20. Nyakariba
SP	-01 57' 29.83563"	30 28' 40.08623"	1405.322	2008/12/31	32.Rudondogoro
SP	-02 00' 50.69453"	30 30' 41.92052"	1376.723	2009/1/7	16 Akabuye
SP	-02 00' 58.76359"	30 40' 37.09502"	1448.581	2008/12/29	29-dec-08 .34
SP	-01 57' 04.22623"	30 29' 24.69642"	1494.965	2008/12/31	33.Rwamurama
SP	-01 42' 19.54787"	30 26' 48.61910"	1353.892	2009/12/7	RUGARAMA MATIUNGURU NYAMATA415
SP	-02 01' 00.19840"	30 32' 45.84833"	1434.402	2008/12/22	Tank+pump 02
SP	-01 55' 06.47612"	30 34' 34.64044"	1403.88	2008/12/22	22-dec-08 .09
SP	-01 56' 17.64411"	30 33' 11.85815"	1489.917	2008/12/31	30-dec-08 .16
SP	-02 02' 16.02177"	30 36' 43.16627"	1481.747	2008/12/23	01.Nyaruriba
SP	-02 01' 12.94124"	30 30' 36.00655"	1371.436	2009/1/7	07-jan-09 .15
Tank	-02 03' 16.25771"	30 41' 01.79794"	1344.039	2008/12/24	24-dec-08 .22
Tank	-01 48' 02.46303"	30 35' 28.95457"	1726.641	2009/1/13	13-jan-09 .20
Tank	-01 56' 02.98698"	30 40' 10.53329"	1442.093	2008/12/19	19-dec-08 .03
Tank	-01 44' 37.56251"	30 30' 18.98158"	1445.217	2009/1/19	16-jan-09 .23
Tank	-02 03' 22.48248"	30 41' 18.05766"	1328.417	2008/12/24	24-dec-08 .20
Tank	-01 59' 16.94036"	30 44' 21.66742"	1380.809	2008/12/29	29-dec-08 .04
Tank	-01 59' 19.26775"	30 44' 17.32254"	1378.646	2008/12/29	29-dec-08 .02
Tank	-02 03' 25.58083"	30 41' 40.67732"	1311.594	2008/12/24	24-dec-08 .17
Tank	-01 59' 21.02603"	30 42' 53.25541"	1309.912	2008/12/29	29-dec-08 .20
Tank	-01 51' 47.60635"	30 33' 13.91548"	1629.308	2009/1/7	05-jan-09 .37
Tank	-02 03' 32.91966"	30 37' 59.41632"	1466.846	2008/12/26	26-dec-08 .31
Tank	-02 03' 38.11667"	30 40' 41.03857"	1380.328	2008/12/24	24-dec-08 .02
Tank	-02 03' 39.48299"	30 37' 23.69744"	1506.5	2008/12/26	26-dec-08 .05
Tank	-01 53' 55.59750"	30 30' 26.25102"	1569.466	2009/1/12	09-jan-09 .09
Tank	-01 48' 20.71942"	30 35' 15.70808"	1717.028	2009/1/13	13-jan-09 .17
Tank	-02 03' 41.69330"	30 41' 10.33199"	1329.859	2008/12/24	24-dec-08 .15
Tank	-01 51' 51.48049"	30 33' 32.35532"	1630.99	2009/1/7	05-jan-09 .36
Tank	-01 59' 26.84616"	30 33' 30.02882"	1670.644	2008/12/22	Tank 25
Tank	-02 02' 38.34995"	30 42' 06.81901"	1367.591	2008/12/29	29-dec-08 .38
Tank	-01 59' 31.51662"	30 41' 37.93294"	1386.817	2008/12/29	29-dec-08 .29
Tank	-01 59' 32.58874"	30 42' 52.60604"	1318.804	2008/12/29	29-dec-08 .18
Tank	-02 06' 16.82100"	30 36' 49.97131"	1503.857	2008/12/26	26-dec-08 .14
Tank	-01 50' 19.86874"	30 34' 52.29905"	1599.027	2009/1/13	13-jan-09 .09
Tank	-02 02' 31.26791"	30 33' 00.71489"	1626.424	2008/12/22	12
Tank	-02 04' 03.19348"	30 37' 47.34487"	1499.291	2008/12/26	26-dec-08 .07
Tank	-01 52' 59.49521"	30 33' 14.45771"	1631.951	2009/1/7	05-jan-09 .40
Tank	-02 01' 22.93636"	30 33' 32.50919"	1697.321	2008/12/22	Main Tank 20
Tank	-02 01' 17.26922"	30 41' 00.72132"	1385.615	2008/12/29	29-dec-08 .33
Tank	-02 01' 34.31590"	30 33' 43.33986"	1692.514	2008/12/22	Tank 05
Tank	-01 50' 52.23338"	30 30' 31.33307"	1585.568	2009/1/12	12-jan-09 .35
Tank	-01 50' 21.14846"	30 34' 51.39862"	1599.507	2009/1/13	13-jan-09 .08
Tank	-02 01' 36.33399"	30 38' 07.04360"	1462.521	2008/12/23	23-dec-08 .12
Tank	-02 04' 12.46259"	30 40' 48.58831"	1332.263	2008/12/24	24-dec-08 .13
Tank	-01 52' 16.45350"	30 32' 57.72030"	1615.849	2009/1/7	05-jan-09 .39
Tank	-02 05' 37.54813"	30 37' 53.56754"	1593.018	2008/12/26	26-dec-08 .22
Tank	-02 05' 01.75321"	30 40' 21.44273"	1359.66	2008/12/24	24-dec-08 .29
Tank	-01 50' 42.91840"	30 31' 49.11506"	1582.203	2009/1/13	13-jan-09 .02
Tank	-02 04' 22.50026"	30 37' 11.77266"	1502.896	2008/12/26	26-dec-08 .10
Tank	-01 49' 25.35485"	30 31' 13.68314"	1618.012	2009/1/13	13-jan-09 .24
Tank	-01 49' 27.12793"	30 35' 03.94415"	1662.233	2009/1/13	13-jan-09 .22
Tank	-02 00' 28.32380"	30 41' 25.72361"	1379.848	2008/12/29	29-dec-08 .27
Tank	-02 04' 48.53633"	30 41' 05.47537"	1321.448	2008/12/24	24-dec-08 .11
Tank	-01 51' 19.92333"	30 31' 20.49784"	1584.847	2009/1/12	12-jan-09 .32

4.8 Donnée de localisation de ouvrage du district Kayonza (7/7)

Name	Latitude	Longitude	Alti	Date	Comments
Tank	-01 58' 57.50926"	30 31' 16.75344"	1586.529	2009/1/7	06-jan-09 .02
Tank	-01 57' 50.06877"	30 36' 59.27998"	1431.518	2008/12/22	22-dec-08 .13
Tank	-01 58' 58.34209"	30 45' 02.97378"	1363.986	2008/12/29	29-dec-08 .09
Tank	-02 04' 51.38333"	30 38' 27.02029"	1634.595	2008/12/26	26-dec-08 .27
Tank	-01 55' 03.83552"	30 34' 14.83367"	1429.595	2008/12/22	22-dec-08 .03
Tank	-01 54' 07.10348"	30 29' 48.52853"	1604.554	2009/1/12	12-jan-09 .29
Tank	-01 45' 42.24743"	30 31' 12.70247"	1601.43	2009/1/19	16-jan-09 .17
Tank	-01 53' 43.93070"	30 30' 01.86008"	1620.416	2009/1/12	12-jan-09 .17
Tank	-02 05' 48.04808"	30 39' 08.21470"	1540.867	2008/12/24	24-dec-08 .08
Tank	-02 05' 21.38739"	30 40' 16.90201"	1367.831	2008/12/24	24-dec-08 .31
Tank	-02 05' 52.52964"	30 40' 25.49399"	1460.838	2008/12/24	24-dec-08 .03
Tank	-01 48' 36.31257"	30 29' 48.26782"	1640.844	2009/1/15	14-jan-09 .02
Tank	-01 47' 16.33051"	30 30' 40.46940"	1626.424	2009/1/19	16-jan-09 .14
Tank	-02 04' 47.12384"	30 37' 41.93450"	1523.804	2008/12/26	26-dec-08 .18
Tank	-01 55' 01.70517"	30 34' 11.36114"	1434.402	2008/12/22	22-dec-08 .04
Tank	-02 06' 00.84040"	30 37' 20.79793"	1614.167	2008/12/26	26-dec-08 .20
Tank	-01 54' 25.80796"	30 30' 52.82208"	1596.864	2009/1/12	09-jan-09 .03
Tank	-02 01' 21.37390"	30 41' 04.83083"	1376.964	2008/12/29	29-dec-08 .32
Tank	-01 53' 17.31799"	30 38' 21.63800"	1386.336	2008/12/19	19-dec-08 .31
Tank	-02 05' 23.80801"	30 36' 53.68975"	1531.254	2008/12/26	26-dec-08 .12
Tank	-02 03' 10.04290"	30 40' 42.41392"	1370.956	2008/12/24	24-dec-08 .23
Tank	-01 50' 53.71135"	30 32' 28.75848"	1588.212	2009/1/13	13-jan-09 .04
Tank	-02 05' 25.47397"	30 37' 06.34843"	1532.215	2008/12/26	26-dec-08 .16
Tank	-01 54' 39.62955"	30 35' 47.31385"	1393.546	2008/12/19	19-dec-08 .39
Tank	-01 51' 10.70220"	30 32' 54.32654"	1591.096	2009/1/13	13-jan-09 .06
Tank	-02 00' 51.33484"	30 42' 07.39264"	1387.538	2008/12/29	29-dec-08 .23
Tank	-02 00' 55.80072"	30 41' 56.11117"	1402.198	2008/12/29	29-dec-08 .24
Tank	-01 57' 11.26784"	30 31' 34.43380"	1635.797	2008/12/31	30-dec-08 .04
Tank	-01 50' 33.33487"	30 29' 07.12288"	1569.466	2009/1/12	12-jan-09 .38
Tank	-02 05' 27.10884"	30 39' 39.31016"	1453.628	2008/12/24	24-dec-08 .04
Tank	-02 07' 09.50116"	30 37' 44.04644"	1625.463	2009/9/29	Tank
Tank	-01 56' 36.69047"	30 36' 43.03624"	1396.671	2008/12/19	19-dec-08 .41
Tank	-02 02' 10.50671"	30 40' 45.31012"	1408.927	2008/12/29	29-dec-08 .37
Tank	-01 50' 35.31313"	30 31' 27.74312"	1596.623	2009/1/12	12-jan-09 .33
Tank	-01 50' 55.67060"	30 29' 40.98120"	1572.59	2009/1/12	12-jan-09 .37
Tank	-01 46' 32.67715"	30 31' 00.97140"	1621.137	2009/1/19	16-jan-09 .15
Tank	-01 50' 47.21379"	30 35' 36.21584"	1411.331	2009/1/7	02-jan-09 .18
Tank	-01 58' 30.66541"	30 45' 15.54008"	1363.024	2008/12/29	29-dec-08 .12
Tank	-01 52' 52.85916"	30 36' 03.73046"	1383.933	2009/1/7	02-jan-09 .10
Tank	-02 01' 12.94939"	30 38' 11.91808"	1469.49	2008/12/23	23-dec-08 .15
Tank	-02 04' 42.71771"	30 40' 29.19464"	1349.326	2008/12/24	24-dec-08 .27
Tank	-01 58' 35.90890"	30 33' 42.30637"	1676.412	2008/12/31	30-dec-08 .07
WS	-02 05' 12.27458"	30 38' 33.20912"	1600.228	2008/12/26	26.Kamushikuzi 2
WS	-02 03' 23.57058"	30 35' 49.96471"	1447.38	2008/12/22	26.Kabonobono(not work)
WS	-01 54' 58.60591"	30 34' 01.03076"	1463.001	2008/12/22	.7Migera
WS	-02 01' 57.33388"	30 39' 19.07554"	1511.307	2008/12/23	11.Kanyetango.1
WS	-02 03' 56.71283"	30 38' 34.66597"	1480.304	2008/12/26	29.Nyabugogo
WS	-01 54' 39.87699"	30 31' 16.31712"	1470.211	2009/1/12	0. 2 Kazabanaza
WS	-02 01' 54.35170"	30 39' 15.18869"	1481.506	2008/12/23	10.Kanyetango.2
WS	-02 05' 14.66745"	30 38' 56.93957"	1652.379	2008/12/26	24.Kamushikuzi 1
WS	-02 04' 25.45045"	30 39' 38.74590"	1560.814	2008/12/23	07.Gahama
WS	-01 50' 43.13868"	30 35' 28.70743"	1419.261	2009/1/7	17.Rwazana ?
WS	-01 49' 44.97786"	30 30' 26.30776"	1470.691	2009/1/13	27 Cyatokue pump up
WS	-01 49' 45.18969"	30 33' 25.96396"	1456.031	2009/1/13	12 Nyabombe pump up
WS	-01 55' 01.56335"	30 34' 10.81589"	1441.612	2008/12/22	22-dec-08 .05
WS	-02 05' 57.26649"	30 38' 57.74795"	1583.646	2008/12/24	06.Gikombe
WS	-01 58' 04.21142"	30 33' 22.88826"	1549.759	2008/12/31	06.Gatare
WS	-01 56' 37.10870"	30 31' 29.98150"	1509.144	2008/12/31	02.Karongi
WS	-01 54' 40.75145"	30 31' 17.63213"	1474.296	2009/9/23	Old well

4.9 Carte de localisation de l'ouvrage de l'ouvrage du district Rwamagana



4.10 Donnée de localisation de l'ouvrage du district Rwamagana (1/7)

Name	Latitude	Longitude	Alti	Date	Comments
BF	-02 04' 57.90562"	30 18' 32.78866"	1516.113	2009/1/22	2
BF	-02 02' 47.24580"	30 26' 36.28604"	1535.58	2008/12/4	MY-06
BF	-01 53' 47.61535"	30 16' 27.85271"	1449.062	2009/2/12	Nyakagunga Kabeza
BF	-02 02' 50.95217"	30 28' 16.83800"	1471.172	2008/12/4	MY-30
BF	-02 01' 44.92447"	30 19' 22.21568"	1618.493	2009/1/29	Gikoni 14A 21
BF	-02 02' 51.39031"	30 28' 27.35184"	1464.443	2008/12/4	MY-31
BF	-01 53' 51.15154"	30 18' 45.27803"	1685.064	2009/1/14	for school 31
BF	-01 54' 25.29137"	30 19' 21.67284"	1628.587	2009/1/14	Bitsibo nouse 32
BF	-02 02' 53.54902"	30 21' 59.54011"	1444.736	2009/1/29	Kamabuye 14-7 08
BF	-02 02' 54.11691"	30 20' 54.23057"	1551.922	2009/1/22	Mutabo 36
BF	-02 02' 54.89422"	30 14' 17.91528"	1355.815	2009/2/2	Gatаре Karogo
BF	-01 54' 26.69903"	30 19' 08.66536"	1669.683	2009/1/14	Bitsibo 30
BF	-02 02' 55.76476"	30 15' 50.77174"	1539.906	2009/2/2	Bihembe Ngarama
BF	-02 02' 57.46059"	30 26' 08.64258"	1444.976	2008/12/4	MY-05
BF	-01 54' 35.48383"	30 20' 23.60281"	1593.739	2009/1/14	Rugabano 38
BF	-02 03' 03.26502"	30 14' 51.03823"	1376.483	2009/2/2	Munini Rwamibungo
BF	-02 01' 46.85868"	30 26' 55.07322"	1516.834	2008/12/4	MY-11
BF	-02 03' 08.37815"	30 17' 09.40531"	1559.613	2009/2/2	Bihembe Mubumbwe
BF	-02 03' 09.45569"	30 26' 26.24838"	1484.63	2008/12/4	MY-04
BF	-02 05' 45.29311"	30 17' 40.42205"	1463.001	2009/1/22	Bwiza 26
BF	-01 54' 47.30573"	30 19' 22.57385"	1666.559	2009/1/14	Bitsibo 29
BF	-02 03' 10.23270"	30 26' 32.84552"	1491.84	2008/12/4	MY-03
BF	-02 03' 12.95477"	30 15' 14.21190"	1400.035	2009/2/2	Gatаре Kigina
BF	-01 55' 01.47343"	30 20' 57.68498"	1591.336	2009/1/14	Kabare 40
BF	-02 05' 46.27772"	30 16' 30.32375"	1448.822	2009/1/22	Kagesi 22
BF	-01 53' 11.24349"	30 16' 24.31772"	1464.683	2009/2/12	
BF	-01 55' 05.23925"	30 19' 32.62541"	1682.66	2009/1/14	Bitsibo nouse 33
BF	-01 55' 06.84787"	30 20' 30.64592"	1620.896	2009/1/14	Kabare 39
BF	-01 55' 08.54370"	30 21' 29.57681"	1523.083	2009/1/14	Nyagacyamo nouse 42
BF	-01 55' 19.98842"	30 19' 45.97172"	1695.158	2009/1/14	Nyakiriba 34
BF	-01 51' 37.83935"	30 28' 17.84284"	1510.345	2009/1/12	12-jan-09 .24
BF	-01 55' 22.90602"	30 20' 44.57825"	1600.228	2009/1/14	Kagarama 45
BF	-01 55' 29.62023"	30 19' 56.70163"	1650.457	2009/1/14	Nyakiriba nouse 35
BF	-02 03' 17.40707"	30 18' 36.04604"	1473.816	2009/1/29	Bitega 12-22 27
BF	-01 55' 41.46265"	30 19' 51.54503"	1654.542	2009/1/14	for school restrant 27
BF	-01 55' 42.16693"	30 19' 52.65818"	1655.504	2009/1/14	for school poliTank 26
BF	-02 03' 20.24290"	30 20' 38.98774"	1564.66	2009/1/22	34
BF	-01 55' 46.27222"	30 19' 54.58123"	1652.379	2009/1/14	for secondary school 25
BF	-02 03' 21.16595"	30 16' 34.02710"	1598.546	2009/2/2	Bihembe Bihembe
BF	-01 55' 51.00334"	30 20' 22.84663"	1655.984	2009/1/14	Karifuru 37
BF	-01 55' 54.61949"	30 19' 55.76347"	1657.907	2009/1/14	23
BF	-02 01' 49.73072"	30 28' 21.21697"	1553.845	2008/12/4	MY-28
BF	-02 01' 50.54785"	30 18' 26.82432"	1534.138	2009/1/29	Kibabara 23A 32
BF	-02 04' 48.88605"	30 17' 43.27084"	1546.154	2009/1/22	Feri 12
BF	-02 06' 21.57505"	30 17' 35.74493"	1404.121	2009/1/22	Rukori 27
BF	-02 05' 03.96895"	30 18' 20.04552"	1516.113	2009/1/22	Rebero 50
BF	-02 02' 33.16651"	30 16' 28.24108"	1605.756	2009/2/2	Bihembe Rusheshe
BF	-01 52' 25.59105"	30 28' 33.64813"	1576.195	2009/1/12	12-jan-09 .22
BF	-01 56' 13.30255"	30 20' 01.51994"	1689.39	2009/1/14	22
BF	-01 56' 15.93108"	30 20' 16.65686"	1685.785	2009/1/14	Gatika 36
BF	-02 01' 54.91053"	30 23' 00.61220"	1538.945	2009/1/14	Karambi 16
BF	-02 01' 56.07347"	30 16' 25.74379"	1571.869	2009/2/5	Bujuyuyu Gishaka
BF	-02 01' 32.56968"	30 16' 15.33619"	1571.389	2009/2/5	Bujuyuyu Gishaka
BF	-02 02' 30.77998"	30 15' 34.64510"	1523.083	2009/2/2	Munini Nyakagarama
BF	-02 03' 25.66231"	30 13' 49.84694"	1390.422	2009/2/2	Gatаре Gatаре
BF	-02 04' 55.66423"	30 18' 18.11344"	1506.5	2009/1/22	Nyabubare 10
BF	-01 56' 27.53965"	30 20' 08.48310"	1709.096	2009/1/14	Gatika 20
BF	-02 03' 29.87653"	30 14' 44.54941"	1420.703	2009/2/2	Gatаре Samuduha
BF	-01 53' 48.26139"	30 16' 27.16324"	1446.899	2009/2/12	Health center
BF	-02 03' 31.23349"	30 21' 01.17410"	1497.849	2009/1/22	Kabeza 40
BF	-02 05' 12.04465"	30 15' 13.82537"	1451.946	2009/2/2	Rwimbogo Kamashaza
BF	-02 02' 01.29976"	30 23' 11.90756"	1523.563	2009/1/14	14-jan-09 12:25:14pm
BF	-02 05' 12.84670"	30 19' 49.61806"	1404.361	2009/1/22	Cyanyiranopazi 43
BF	-02 05' 13.24138"	30 16' 54.84504"	1505.058	2009/1/22	nouse 20
BF	-02 05' 14.42182"	30 18' 00.21100"	1541.348	2009/1/22	Feri 11
BF	-01 53' 33.88428"	30 16' 43.52916"	1444.736	2009/2/12	Nyagasambu Rebero
BF	-02 02' 41.29230"	30 14' 18.65368"	1370.235	2009/2/2	Munini Nyiramitemeri
BF	-02 02' 04.33595"	30 23' 29.88272"	1506.02	2009/1/14	Nyagatаре 14
BF	-01 57' 07.54456"	30 22' 50.88022"	1578.118	2008/12/4	MW-02
BF	-01 57' 09.31039"	30 23' 41.19194"	1579.32	2008/12/4	MW-05
BF	-02 03' 41.25214"	30 15' 13.92944"	1491.119	2009/2/2	Gatаре Samuduha
BF	-02 02' 40.51952"	30 19' 44.74394"	1412.532	2009/1/22	Cyerwa 39
BF	-01 57' 13.28050"	30 21' 48.32474"	1641.084	2009/1/20	Cymbazi 23

4.10 Donnée de localisation de l'ouvrage du district Rwamagana (2/7)

Name	Latitude	Longitude	Alti	Date	Comments
BF	-01 52' 43.42861"	30 28' 28.78032"	1573.071	2009/1/12	12-jan-09 .26
BF	-01 57' 16.48205"	30 23' 19.04060"	1603.593	2008/12/4	MW-01
BF	-01 57' 23.53542"	30 16' 42.30044"	1422.145	2009/2/9	Rweri Nyamugari
BF	-01 57' 23.88575"	30 15' 46.99717"	1414.935	2009/2/6	Akinyambo Kampigika
BF	-01 57' 27.58006"	30 20' 00.60533"	1486.072	2009/2/6	Kagezi Akabuga
BF	-02 05' 15.58778"	30 19' 02.63824"	1399.074	2009/1/22	Ipide 05
BF	-02 05' 19.19337"	30 16' 55.73489"	1488.476	2009/1/22	Kiyaya 24
BF	-02 03' 44.45490"	30 13' 57.61726"	1417.579	2009/2/2	Gatare Gatare
BF	-01 57' 35.70585"	30 21' 33.19384"	1628.106	2009/1/20	Ntungwa 21
BF	-02 02' 05.76714"	30 19' 04.13915"	1538.945	2009/1/29	Rwagatsama 12-21 24
BF	-01 57' 40.47438"	30 17' 04.15306"	1420.703	2009/2/9	Rweri Kiruruma
BF	-01 57' 41.55977"	30 16' 17.25834"	1420.703	2009/2/5	Akinyambo Kampigika
BF	-02 03' 45.97662"	30 19' 32.68304"	1462.04	2009/1/22	Nyakabuye 31
BF	-02 02' 07.12592"	30 26' 47.16802"	1497.368	2008/12/4	MY-10
BF	-01 57' 47.43209"	30 14' 20.64430"	1407.966	2009/2/6	Nyarukombe Marembo
BF	-02 03' 48.12145"	30 15' 04.90781"	1438.247	2009/2/2	Gatare Samuduha
BF	-01 51' 16.04586"	30 26' 05.30160"	1524.525	2009/1/10	Gasharu newly for school 25
BF	-02 02' 08.11203"	30 20' 55.80571"	1537.503	2009/1/29	Mubuga 14-5 05
BF	-01 57' 52.45500"	30 17' 15.82199"	1423.106	2009/2/9	Rweri Kiruruma
BF	-02 03' 50.68209"	30 26' 31.37993"	1431.278	2008/12/4	MY-02
BF	-01 57' 52.77365"	30 23' 49.57361"	1668	2008/12/4	MW-06
BF	-01 57' 53.76278"	30 27' 39.54038"	1469.009	2008/12/6	Kg-9
BF	-01 57' 54.56000"	30 23' 25.55956"	1615.849	2008/12/4	MW-03
BF	-01 57' 55.76005"	30 20' 12.54764"	1451.465	2009/2/6	Kagezi Kabonero
BF	-01 57' 56.62366"	30 16' 54.03392"	1429.595	2009/2/5	Ntebe kanyinya
BF	-01 57' 58.88798"	30 24' 37.39021"	1484.63	2008/12/4	MW-09
BF	-01 57' 59.59678"	30 17' 26.48789"	1427.432	2009/2/9	Rweri Kiruruma
BF	-01 58' 00.58290"	30 15' 00.42138"	1511.307	2009/2/6	Akinyambo Rugarama
BF	-01 58' 00.80499"	30 18' 08.73720"	1450.023	2009/2/9	Rweri Akinteko
BF	-01 58' 02.76363"	30 27' 41.45828"	1481.506	2008/12/4	KG-10
BF	-01 58' 03.35204"	30 19' 18.39526"	1732.408	2009/2/6	Gihumuza Kabeza
BF	-01 58' 04.37859"	30 17' 40.03850"	1422.626	2009/2/9	Rweri Kiruruma
BF	-01 58' 04.60641"	30 25' 52.40971"	1478.382	2008/12/4	BF ErectroGAS
BF	-01 58' 05.23254"	30 15' 25.80689"	1608.88	2009/2/6	Akinyambo Ryabaheshwa
BF	-01 58' 05.60550"	30 26' 06.83660"	1504.337	2008/12/4	ErectroGAS
BF	-01 52' 51.58548"	30 28' 48.82638"	1549.038	2009/1/12	12-jan-09 .21
BF	-01 53' 18.09801"	30 27' 24.45386"	1538.464	2009/1/17	for secondary school 05
BF	-01 58' 11.55146"	30 20' 17.28812"	1440.65	2009/2/6	Kagezi Kabonero
BF	-01 52' 08.36513"	30 28' 24.06760"	1551.682	2009/1/12	12-jan-09 .25
BF	-01 58' 16.26115"	30 21' 29.76718"	1621.377	2009/1/20	Ntungwa 19
BF	-01 58' 16.55596"	30 14' 42.73289"	1475.258	2009/2/6	Nyarukombe Gituza
BF	-01 58' 18.72432"	30 26' 04.73525"	1492.802	2008/12/4	ErectroGAS
BF	-01 58' 23.25025"	30 26' 04.13534"	1485.832	2008/12/4	ErecttoGAS
BF	-02 02' 09.07401"	30 15' 13.52966"	1522.362	2009/2/2	Munini Nyarurembo
BF	-01 58' 26.11384"	30 15' 25.03170"	1561.776	2009/2/6	Nyarukombe Gatuza
BF	-01 58' 26.94817"	30 15' 37.68160"	1568.745	2009/2/5	Ntebe Kabagabo
BF	-01 58' 27.38390"	30 24' 49.74318"	1477.18	2008/12/4	MW-08
BF	-01 58' 27.91045"	30 16' 21.80690"	1573.792	2009/2/6	Ntebe Kabagabo
BF	-02 03' 59.56315"	30 20' 39.89119"	1498.57	2009/1/22	Bicaca 32
BF	-01 58' 32.15213"	30 26' 02.72648"	1480.785	2008/12/4	ErectroGAS
BF	-01 58' 32.22998"	30 27' 39.38468"	1538.945	2008/12/6	Kg-12
BF	-01 58' 34.55103"	30 23' 58.10917"	1608.64	2008/12/4	MW-04
BF	-02 04' 03.58274"	30 18' 29.33276"	1396.671	2009/1/22	Kabasore 07
BF	-01 58' 36.66930"	30 15' 23.15120"	1544.712	2009/2/5	Nyarukombe Gatuza conct to school
BF	-01 58' 37.31957"	30 24' 14.44162"	1623.78	2008/12/4	MW-07
BF	-02 04' 06.19286"	30 26' 29.78095"	1408.927	2008/12/4	MY-01
BF	-01 58' 42.40313"	30 27' 07.10212"	1479.103	2008/12/6	Kg-13
BF	-01 58' 46.11132"	30 15' 04.74304"	1478.622	2009/2/6	Nyarukombe Gituza
BF	-01 58' 49.70212"	30 27' 44.01108"	1533.177	2008/12/4	KG-11
BF	-01 58' 52.46493"	30 16' 42.34026"	1564.419	2009/2/6	Ntebe Kabagabo
BF	-01 58' 54.46523"	30 21' 44.94002"	1603.352	2009/1/20	Sabusaro 18
BF	-02 04' 09.15392"	30 21' 37.84622"	1434.402	2009/1/22	Kajevuba 42
BF	-02 04' 09.28458"	30 16' 14.97047"	1652.379	2009/2/2	Rwimbogo Rwimbogo
BF	-02 02' 13.93699"	30 18' 20.45592"	1505.539	2009/1/29	Kayibanda 16A 28
BF	-01 59' 01.75517"	30 26' 17.39238"	1450.985	2008/12/4	KG-08
BF	-01 59' 03.52190"	30 19' 31.66946"	1633.153	2009/2/6	Abandoned
BF	-01 59' 04.98207"	30 15' 17.07880"	1480.545	2009/2/6	Nyarukombe Mumena
BF	-01 51' 50.44550"	30 28' 48.78865"	1542.069	2009/1/12	12-jan-09 .23
BF	-01 59' 12.21437"	30 17' 08.22667"	1533.657	2009/2/5	Ntebe Samuramba
BF	-02 04' 12.58028"	30 16' 37.91543"	1635.076	2009/2/2	Rwimbogo Kimicamga
BF	-02 04' 12.68498"	30 16' 37.74374"	1632.192	2009/1/22	15 another sector
BF	-01 59' 15.56529"	30 26' 00.12541"	1487.034	2008/12/4	KG-06
BF	-02 04' 12.70580"	30 20' 40.26293"	1489.437	2009/1/22	Bicaca 33

4.10 Donnée de localisation de l'ouvrage du district Rwamagana (3/7)

Name	Latitude	Longitude	Alti	Date	Comments
BF	-01 53' 15.74347"	30 27' 04.61027"	1536.061	2009/1/10	Umonini newly for school 18
BF	-02 04' 13.19615"	30 16' 03.53690"	1634.595	2009/2/2	Rwimbogo Rwimbogo
BF	-02 05' 36.20203"	30 18' 19.50602"	1400.516	2009/1/22	4
BF	-02 05' 56.23904"	30 17' 58.57343"	1407.726	2009/1/22	Byimana 28
BF	-01 59' 19.44819"	30 20' 36.14316"	1427.913	2009/2/6	Kagezi Samatare
BF	-01 59' 21.31692"	30 27' 49.40878"	1532.696	2008/12/4	KG-14
BF	-02 02' 36.47458"	30 26' 30.98555"	1533.177	2008/12/4	MY-07
BF	-02 02' 36.64537"	30 21' 25.26962"	1464.924	2009/1/29	Mubuga 14-7bis 07
BF	-01 59' 24.10840"	30 18' 59.77192"	1643.006	2009/2/6	Kibare Kabuye
BF	-01 59' 24.81026"	30 26' 14.80308"	1460.598	2008/12/4	KG-07
BF	-01 59' 25.35401"	30 24' 33.88748"	1484.15	2008/12/4	MW-10
BF	-01 59' 26.70192"	30 18' 38.04242"	1623.059	2009/2/6	Kibare Rurambi
BF	-01 53' 03.56640"	30 16' 10.67538"	1465.404	2009/2/12	Nyakagunga Kirehe
BF	-02 04' 16.60892"	30 19' 05.34252"	1428.154	2009/1/22	Kabasore 06
BF	-02 01' 36.83550"	30 26' 18.20918"	1426.231	2008/12/6	My-13
BF	-02 04' 21.06243"	30 18' 13.43876"	1460.357	2009/1/22	Nyabubare 08
BF	-02 02' 18.90165"	30 26' 14.83325"	1496.887	2008/12/4	MY-09
BF	-01 59' 37.45141"	30 19' 34.79318"	1636.518	2009/2/6	Kibare Kinyovi
BF	-01 59' 38.28997"	30 21' 53.74292"	1676.893	2009/1/20	Bicumbi house 15
BF	-01 59' 39.16504"	30 17' 19.92908"	1562.016	2009/2/5	Ntebe Samuramba
BF	-01 59' 45.11251"	30 24' 47.73110"	1498.089	2008/12/4	MW-11
BF	-01 59' 46.36567"	30 16' 57.97355"	1619.214	2009/2/5	Ntebe Samuramba
BF	-02 04' 26.13573"	30 17' 55.61477"	1507.702	2009/1/22	Kawyanzezi 47
BF	-02 04' 26.18431"	30 17' 07.28945"	1589.414	2009/1/22	Ryamugabo 14
BF	-01 59' 50.73589"	30 21' 24.94526"	1427.673	2009/1/20	Rwinbogo 04
BF	-01 59' 51.04669"	30 15' 25.60655"	1442.813	2009/2/5	Bujuyuyu Yeruzaramu
BF	-01 59' 53.08289"	30 22' 00.89375"	1669.923	2009/1/20	Bicumbi 14
BF	-01 59' 53.14535"	30 25' 52.90972"	1486.313	2008/12/4	KG-05
BF	-01 59' 56.12995"	30 19' 57.92912"	1602.631	2009/1/29	18
BF	-01 59' 57.45975"	30 27' 52.72409"	1506.981	2008/12/4	KG-15
BF	-01 59' 58.10187"	30 26' 58.43440"	1508.183	2008/12/6	My-24
BF	-02 00' 13.26353"	30 25' 49.71781"	1461.8	2008/12/4	KG-04
BF	-02 01' 32.10951"	30 27' 56.23340"	1557.931	2008/12/4	MY-27
BF	-02 02' 22.48099"	30 26' 32.07725"	1490.879	2008/12/4	MY-08
BF	-02 00' 15.91499"	30 18' 49.60573"	1507.462	2009/1/29	Gatoki 12-102 37
BF	-02 00' 16.14191"	30 27' 05.87974"	1493.763	2008/12/6	My-23
BF	-02 00' 18.94666"	30 22' 14.58592"	1674.489	2009/1/20	Bicumbi 13
BF	-02 04' 28.10765"	30 15' 22.22453"	1546.154	2009/2/2	Rwimbogo Kamashaza
BF	-02 00' 20.32445"	30 21' 18.87167"	1410.369	2009/1/20	Rwinbogo 06
BF	-02 00' 20.59542"	30 16' 11.03538"	1584.607	2009/2/5	Bujuyuyu Rebero
BF	-02 02' 23.25106"	30 28' 23.09477"	1515.873	2008/12/4	MY-29
BF	-02 00' 23.65997"	30 23' 14.29015"	1525.246	2009/1/14	Agatare nouse 04
BF	-02 00' 26.90920"	30 22' 55.92212"	1556.969	2009/1/14	Agatar nouse 06
BF	-02 01' 37.30954"	30 25' 18.12324"	1389.941	2008/12/4	KG-01
BF	-01 52' 10.94327"	30 27' 09.85165"	1539.425	2009/1/10	Gahengeri newly for school 22
BF	-02 00' 28.65270"	30 16' 53.34143"	1654.783	2009/2/5	Murehe Murehe
BF	-02 00' 30.16235"	30 19' 01.75894"	1615.849	2009/1/29	nouse 45
BF	-02 04' 34.32880"	30 19' 36.91808"	1346.682	2009/1/22	Cyanyirampazi nouse 46
BF	-02 00' 32.16445"	30 23' 32.75930"	1525.727	2009/1/14	for prim. school 08
BF	-01 53' 39.29554"	30 16' 42.85988"	1436.084	2009/2/12	Nyagasambu Rebero
BF	-02 00' 36.89557"	30 17' 36.68096"	1621.377	2009/2/5	Murehe Kajororo
BF	-02 01' 37.30954"	30 25' 18.12324"	1389.941	2008/12/6	kg-01
BF	-02 00' 38.65175"	30 18' 36.64472"	1582.203	2009/1/29	Agasharu 12-20 36
BF	-02 04' 35.81974"	30 18' 37.53878"	1487.274	2009/1/22	Ntebe nouse 29
BF	-02 00' 39.08234"	30 21' 53.68500"	1429.595	2009/1/20	Manene 09
BF	-02 00' 39.19429"	30 18' 12.12404"	1598.065	2009/1/29	Ndinda 15A nouse 38
BF	-02 00' 41.86476"	30 19' 09.01510"	1606.477	2009/1/29	Nyarusange 42
BF	-02 00' 42.38045"	30 14' 41.46616"	1489.437	2009/2/2	Gishore Ruhanika
BF	-02 00' 42.47611"	30 28' 31.63001"	1482.468	2008/12/6	My-37
BF	-02 00' 43.37290"	30 25' 36.08692"	1440.65	2008/12/4	KG-03
BF	-02 00' 43.55425"	30 27' 55.73794"	1586.529	2008/12/6	My-35
BF	-02 00' 45.53915"	30 27' 22.97531"	1541.348	2008/12/6	My-22
BF	-02 00' 45.58110"	30 21' 34.81844"	1419.021	2009/1/20	Manene 08
BF	-02 00' 46.12243"	30 16' 46.42262"	1651.177	2009/2/5	Murehe Murehe
BF	-02 00' 48.44952"	30 26' 47.19638"	1453.868	2008/12/6	My-19
BF	-02 00' 49.00745"	30 18' 45.16279"	1596.623	2009/1/29	Nyarusange 03A 41
BF	-02 02' 25.59142"	30 20' 21.26544"	1500.011	2009/1/22	Mutabo 37
BF	-02 04' 37.71170"	30 16' 45.63084"	1584.366	2009/1/22	Nkorigi 17
BF	-02 01' 37.97067"	30 20' 23.83062"	1645.65	2009/1/29	Kiyovu 14-4 11
BF	-02 00' 59.22858"	30 28' 19.81445"	1519.958	2008/12/6	My-36
BF	-02 00' 59.32695"	30 25' 25.75747"	1427.432	2008/12/4	KG-02
BF	-02 00' 59.32725"	30 25' 25.75747"	1427.432	2008/12/6	kg-02
BF	-02 00' 59.45881"	30 20' 15.32494"	1620.896	2009/1/29	Gitamu 16

4.10 Donnée de localisation de l'ouvrage du district Rwamagana (4/7)

Name	Latitude	Longitude	Alti	Date	Comments
BF	-02 06' 41.52274"	30 16' 50.97479"	1471.893	2009/1/22	Kangomba nouse 23
BF	-02 01' 05.48232"	30 16' 44.56567"	1626.184	2009/2/5	Murehe Bitega
BF	-02 01' 05.86584"	30 28' 00.44674"	1581.963	2008/12/4	MY-34
BF	-02 01' 05.96149"	30 26' 47.79503"	1490.398	2008/12/6	My-18
BF	-02 01' 06.31907"	30 26' 19.73969"	1430.797	2008/12/6	My-15
BF	-02 01' 06.76596"	30 28' 11.30966"	1546.395	2008/12/6	My-32
BF	-02 01' 07.34411"	30 18' 13.33224"	1561.535	2009/1/29	Kamakuka 30
BF	-02 01' 09.66817"	30 27' 14.22367"	1557.45	2008/12/4	MY-21
BF	-02 01' 10.69321"	30 26' 35.33885"	1467.567	2008/12/6	My-17
BF	-02 01' 11.51548"	30 14' 55.73825"	1460.117	2009/2/2	Gishore Matyazo
BF	-02 01' 14.25897"	30 27' 41.97128"	1616.57	2008/12/4	MY-25
BF	-02 01' 14.54232"	30 27' 57.91810"	1599.507	2008/12/4	MY-26
BF	-02 01' 19.34917"	30 27' 23.51002"	1558.411	2008/12/6	My-20
BF	-02 01' 19.45901"	30 28' 24.54164"	1516.354	2008/12/6	My-33
BF	-02 01' 43.71174"	30 20' 32.18845"	1650.457	2009/1/29	Kindagarden 03
BF	-02 01' 21.63492"	30 26' 42.19339"	1486.313	2008/12/6	My-16
BF	-02 01' 22.46563"	30 18' 31.87138"	1563.458	2009/1/29	Kibabara 12-19 34
BF	-02 01' 22.98011"	30 19' 37.40992"	1641.084	2009/1/29	Akanzu 12-23 20
BF	-02 01' 23.71517"	30 26' 28.19800"	1449.542	2008/12/6	My-14
BF	-02 01' 26.35909"	30 27' 03.74033"	1531.494	2008/12/4	MY-12
BF	-02 04' 44.13442"	30 21' 11.31707"	1408.687	2009/1/22	Cyarugaju 44
BF	-02 02' 28.75344"	30 18' 53.30243"	1517.796	2009/1/29	Bicaca 13 25
BF	-02 02' 29.52773"	30 23' 58.10042"	1515.873	2009/1/14	Umareha 17
BF	-02 01' 30.34489"	30 20' 09.53621"	1653.821	2009/1/29	Kiyovu 14
BF	-02 01' 30.90131"	30 21' 06.42002"	1461.8	2009/1/29	Gisenyi 14-6 10
BF	-02 01' 30.93028"	30 20' 15.18011"	1645.65	2009/1/29	Kiyovu 12
HP	-02 02' 00.43012"	30 25' 43.36601"	1356.536	2008/12/6	HP Afridev
HP	-02 02' 19.02356"	30 25' 35.74204"	1353.652	2008/12/6	HP Afridev
HP	-02 03' 41.61484"	30 27' 03.25814"	1336.348	2009/1/5	use 24
HP	-02 04' 16.35666"	30 26' 45.36143"	1336.829	2009/1/5	broken 25
HP	-02 04' 21.61252"	30 26' 21.58336"	1338.271	2009/1/5	broken 26
Intake	-02 05' 57.80662"	30 18' 25.10284"	1342.116	2009/1/22	Intake & pump 03
Kiosk	-01 53' 55.68411"	30 26' 29.52506"	1515.392	2009/1/10	Mbwiza 10
Kiosk	-01 52' 15.35061"	30 24' 35.54291"	1537.022	2008/12/27	22
Kiosk	-01 54' 02.71786"	30 24' 45.11858"	1533.417	2008/12/27	18
Kiosk	-01 54' 18.17282"	30 22' 46.36816"	1549.279	2009/1/9	Nyagahanga 13
Kiosk	-01 54' 29.04934"	30 24' 30.65638"	1541.348	2008/12/27	11
Kiosk	-01 54' 29.57650"	30 26' 34.18166"	1520.92	2009/1/10	Kibare 09
Kiosk	-01 54' 44.95330"	30 22' 56.24803"	1568.986	2009/1/9	Karubisha 11
Kiosk	-01 54' 53.30781"	30 24' 27.30636"	1553.845	2008/12/27	10
Kiosk	-01 53' 52.24266"	30 22' 33.85434"	1543.511	2009/1/9	Kabeza 14
Kiosk	-01 55' 01.80988"	30 26' 31.77370"	1524.044	2009/1/10	Kingondo 08
Kiosk	-01 55' 01.95080"	30 25' 22.68505"	1529.572	2008/12/27	1
Kiosk	-01 55' 04.98246"	30 23' 09.16980"	1573.312	2009/1/9	no use 10
Kiosk	-01 52' 01.11351"	30 25' 55.67250"	1503.136	2009/1/10	Newly construction 16
Kiosk	-01 55' 25.67517"	30 24' 06.78564"	1583.165	2008/12/27	9
Kiosk	-01 55' 26.80552"	30 25' 21.88844"	1534.378	2008/12/27	2
Kiosk	-01 55' 27.99682"	30 23' 44.32078"	1594.46	2009/1/9	Kabeza 04
Kiosk	-01 55' 28.60484"	30 23' 12.64232"	1588.933	2009/1/9	Irebero 07
Kiosk	-01 55' 28.90690"	30 26' 53.42266"	1515.873	2009/1/10	Kingondo 07
Kiosk	-01 55' 30.43103"	30 22' 48.94752"	1567.063	2009/1/9	Umurizi 08
Kiosk	-01 55' 35.32237"	30 22' 17.77901"	1575.955	2009/1/9	Rutembo 09
Kiosk	-01 51' 24.87472"	30 25' 52.51894"	1499.531	2009/1/10	Gasharu no use 27
Kiosk	-01 53' 53.63523"	30 24' 48.60799"	1532.936	2008/12/27	19
Kiosk	-01 55' 55.22963"	30 23' 53.18707"	1540.146	2008/12/27	8
Kiosk	-01 56' 00.93539"	30 27' 08.70894"	1528.611	2009/1/10	Karambo 06
Kiosk	-01 56' 02.88740"	30 25' 14.49048"	1537.743	2008/12/27	3
Kiosk	-01 52' 20.57267"	30 23' 09.30469"	1493.042	2008/12/27	17
Kiosk	-01 52' 25.75520"	30 26' 09.64619"	1518.276	2009/1/10	Katobotobo newly 15
Kiosk	-01 56' 17.51587"	30 27' 11.81390"	1530.533	2009/1/10	5
Kiosk	-01 52' 29.07564"	30 28' 25.16930"	1568.745	2009/1/17	Kabirizi newly 04
Kiosk	-01 56' 25.16338"	30 24' 45.11045"	1522.843	2008/12/27	4
Kiosk	-01 56' 26.53422"	30 23' 37.71913"	1521.641	2008/12/27	7
Kiosk	-01 56' 34.00763"	30 27' 09.42437"	1536.061	2009/1/10	Mping 03
Kiosk	-01 56' 36.64844"	30 25' 09.90718"	0	2009/12/8	Rwamagan
Kiosk	-01 52' 37.21682"	30 24' 53.14478"	1529.332	2008/12/27	21
Kiosk	-01 51' 47.31606"	30 26' 56.06747"	1521.4	2009/1/10	Kabusunzu 23
Kiosk	-01 56' 50.27489"	30 23' 34.39597"	1548.317	2008/12/27	25
Kiosk	-01 56' 51.10198"	30 26' 05.41507"	1526.448	2009/1/10	1
Kiosk	-01 56' 54.89249"	30 26' 31.02101"	0	2009/12/8	Rwamagan
Kiosk	-01 53' 46.29852"	30 24' 02.69968"	1522.602	2008/12/27	12
Kiosk	-01 57' 06.77631"	30 25' 39.64847"	1547.837	2008/12/27	K26
Kiosk	-01 52' 39.88337"	30 23' 21.29042"	1523.323	2008/12/27	16

4.10 Donnée de localisation de l'ouvrage du district Rwamagana (5/7)

Name	Latitude	Longitude	Alti	Date	Comments
Kiosk	-01 57' 39.64946"	30 26' 09.69252"	0	2009/12/8	Rwamagan
Kiosk	-01 52' 47.68840"	30 27' 18.72878"	1537.022	2009/1/10	Kayenzi 20
Kiosk	-01 52' 48.68779"	30 26' 19.77709"	1525.486	2009/1/10	Kabeza newly 14
Kiosk	-01 51' 45.39936"	30 27' 23.13068"	1530.052	2009/1/10	Ragwe no use 28
Kiosk	-01 53' 13.13817"	30 23' 43.14880"	1522.362	2008/12/27	13
Kiosk	-01 52' 51.75838"	30 25' 06.86348"	1529.812	2008/12/27	20
Kiosk	-01 53' 21.39974"	30 27' 20.71613"	1536.541	2009/1/10	Birembo 30
Kiosk	-01 51' 38.31762"	30 24' 32.59602"	1515.873	2008/12/27	24
Kiosk	-01 51' 17.05370"	30 27' 20.75292"	1514.431	2009/1/10	Ragwe 29
Kiosk	-01 52' 15.65840"	30 27' 14.52542"	1537.022	2009/1/10	Gahengeri 21
Kiosk	-01 53' 09.42063"	30 26' 29.36486"	1526.207	2009/1/10	Nyarukombe no use 12
Kiosk	-01 53' 09.82919"	30 26' 41.35240"	1528.611	2009/1/10	Nyarukombe 17
Kiosk	-01 53' 14.33460"	30 27' 11.21587"	1536.781	2009/1/10	Nyarukombe 19
Kiosk	-01 52' 56.55618"	30 23' 33.68594"	1527.89	2008/12/27	15
Kiosk	-01 53' 33.02490"	30 26' 27.75653"	1519.718	2009/1/10	Mbwiza 11
Kiosk	-01 53' 04.43514"	30 22' 19.25123"	1546.395	2009/1/9	Prim. school 17
Kiosk	-01 51' 48.62324"	30 24' 32.96264"	1529.572	2008/12/27	23
Kiosk	-01 53' 05.31383"	30 23' 37.82656"	1523.804	2008/12/27	14
Kiosk	-01 53' 06.29149"	30 22' 23.25634"	1545.914	2009/1/9	Kiyovu 16
Kiosk	-01 53' 22.62182"	30 27' 12.94398"	1536.301	2009/1/10	31
Kiosk	-01 53' 25.96671"	30 22' 20.65105"	1548.317	2009/1/9	Ubuyarige 15
Kiosk	-01 51' 15.12734"	30 26' 02.24128"	1525.486	2009/1/10	Gasharu 26
Kiosk	-01 51' 30.68489"	30 26' 31.05373"	1527.169	2009/1/10	Yabaranda 24
M.Tank	-01 56' 14.87647"	30 20' 02.50966"	1695.158	2009/1/14	Tank 21
M.Tank	-02 01' 34.31107"	30 20' 12.00296"	1652.62	2009/1/29	R-14 13
M.Tank	-01 57' 06.90205"	30 25' 30.05440"	0	2009/12/8	Rwamagan
M.Tank	-01 57' 13.68062"	30 21' 48.98376"	1640.844	2009/1/20	Ntungwa 22
M.Tank	-02 04' 00.15940"	30 16' 25.45774"	1692.274	2009/2/2	100+100 m3?
M.Tank	-02 00' 18.24148"	30 22' 15.82007"	1667.28	2009/1/20	2 Tank 12
M.Tank	-02 04' 44.16852"	30 17' 36.12664"	1561.535	2009/1/22	Booster station & distribution 13
Office	-01 55' 53.37496"	30 19' 56.31499"	1658.147	2009/1/14	Sector Office Musha 24
Office	-01 52' 18.57540"	30 17' 40.00168"	1724.958	2009/2/12	Fumbwe
Office	-01 56' 08.34150"	30 18' 18.39618"	1717.268	2009/2/9	Cell Mutamowa
Office	-01 57' 08.51861"	30 21' 48.91946"	1614.407	2009/1/9	Sector Office Munyiginya 01
Office	-01 57' 25.92135"	30 16' 45.67127"	1425.51	2009/2/9	Cell Rweri
Office	-01 58' 04.01499"	30 19' 19.29806"	1724.718	2009/2/6	Gahengeri
Office	-02 04' 57.70616"	30 18' 31.79714"	1516.834	2009/1/22	Sector Office Karenge
Office	-02 01' 35.54160"	30 20' 15.12668"	1656.946	2009/1/29	COOGIEP Office 02
Office	-01 58' 30.72154"	30 15' 22.14637"	1546.395	2009/2/5	Muyumbu
Office	-01 58' 34.60190"	30 24' 10.88881"	1636.998	2008/12/4	Office Mwulire
Office	-02 02' 09.30967"	30 15' 12.80545"	1487.755	2009/2/2	Nyakariro
Office	-02 01' 34.56756"	30 20' 25.33394"	1616.09	2009/1/29	Sector Office 01Nzige
Office	-01 53' 03.76322"	30 26' 27.87461"	1527.409	2009/1/10	Sector Office Muhazi 13
Office	-02 02' 16.25834"	30 23' 47.49065"	1496.887	2009/1/14	Sector Office 01Rubona
Office	-01 59' 40.16293"	30 21' 55.32772"	1677.373	2009/1/20	Sector Office Mwulire 01
Office	-02 01' 29.13517"	30 27' 47.09977"	1589.414	2008/12/4	Office Munyaga
Plant	-01 54' 05.46921"	30 25' 48.81619"	1449.302	2009/2/13	
Plant	-02 20' 26.44132"	30 00' 08.95216"	1361.823	2009/1/30	Bugesera Plant
Plant	-02 05' 27.00594"	30 18' 12.82079"	1455.31	2009/1/22	Treatment plant 25
Psta	-02 00' 38.56514"	30 21' 54.29452"	1434.162	2009/1/20	Byimana pump station 10
Pump	-01 56' 36.28010"	30 24' 07.38252"	1512.509	2008/12/27	5
SP	-02 02' 49.98477"	30 22' 52.12283"	1339.473	2009/1/14	Rwafigi 11
SP	-01 50' 40.40273"	30 15' 49.48963"	1521.881	2009/2/12	Buyongwe 32.4 l/min 31.9 ms/m 23.9
SP	-01 54' 48.71067"	30 22' 18.02132"	1459.156	2009/1/9	Gakatsi 56.7l/min 12
SP	-01 53' 35.49381"	30 16' 52.40752"	1434.162	2009/2/12	Gahondohondo 76.7 l/min 31.8 ms/m 23.4
SP	-01 55' 05.88439"	30 18' 55.48378"	1464.443	2009/2/9	Kwamusa 22.4 l/min 52.9 ms/m 22.4
SP	-01 55' 42.67990"	30 21' 38.39630"	1452.907	2009/1/9	Ngaruye 44.8l/min 03
SP	-01 55' 56.06275"	30 16' 41.19996"	1388.98	2009/2/9	Gikono 41.3 l/min 35.6 ms/m 23.6
SP	-01 56' 12.03641"	30 17' 57.69654"	1497.849	2009/2/9	Rwinka 12.3 l/min 47 ms/m 23.3
SP	-01 56' 23.51553"	30 17' 04.30123"	1412.772	2009/2/9	Nyakariba 43.1 l/min 53.4 ms/m 22.1
SP	-01 56' 28.98171"	30 26' 23.20976"	1456.272	2009/1/10	Kabura 67.9l/min 02
SP	-01 56' 40.58273"	30 21' 16.25458"	1485.592	2009/1/9	Nyakagezi 86.5l/min 02
SP	-01 57' 05.52194"	30 16' 25.93211"	1375.041	2009/2/9	Rwagacuzi 33.5 l/min 16.95 ms/m 23.2
SP	-01 57' 06.48422"	30 18' 57.06133"	1617.531	2009/2/6	Agatare 26.1 l/min 75.7 ms/m 21.6
SP	-01 57' 24.00072"	30 16' 20.32500"	1376.243	2009/2/5	Kampigika 28.9 l/min 57 ms/m 23.1
SP	-01 57' 56.76970"	30 18' 54.05922"	1530.533	2009/2/6	Mugomero 17.8 l/min 48.6 ms/m 22.1
SP	-02 02' 08.91649"	30 25' 17.96873"	1344.76	2009/1/14	Cyuruhogo 7.9 l/min 10
SP	-01 59' 11.03303"	30 16' 38.13028"	1439.208	2009/2/5	Kayevuba 10.6 l/min 12.96 ms/m 22.2
SP	-01 59' 12.00406"	30 15' 56.40358"	1381.29	2009/2/5	
SP	-01 59' 37.26644"	30 15' 20.42431"	1362.063	2009/2/5	Kwazakariya 25 l/min 37.2 ms/m 22.4
SP	-01 59' 41.13999"	30 23' 06.72803"	1405.563	2009/1/14	Gikono 05
SP	-01 59' 49.82884"	30 20' 12.96013"	1483.188	2009/1/29	Samatare 36.8 l/min old WS 19
SP	-01 59' 53.15139"	30 17' 32.14082"	1473.816	2009/2/5	Kajororo 11.9 l/min 14.92 ms/m 23.9

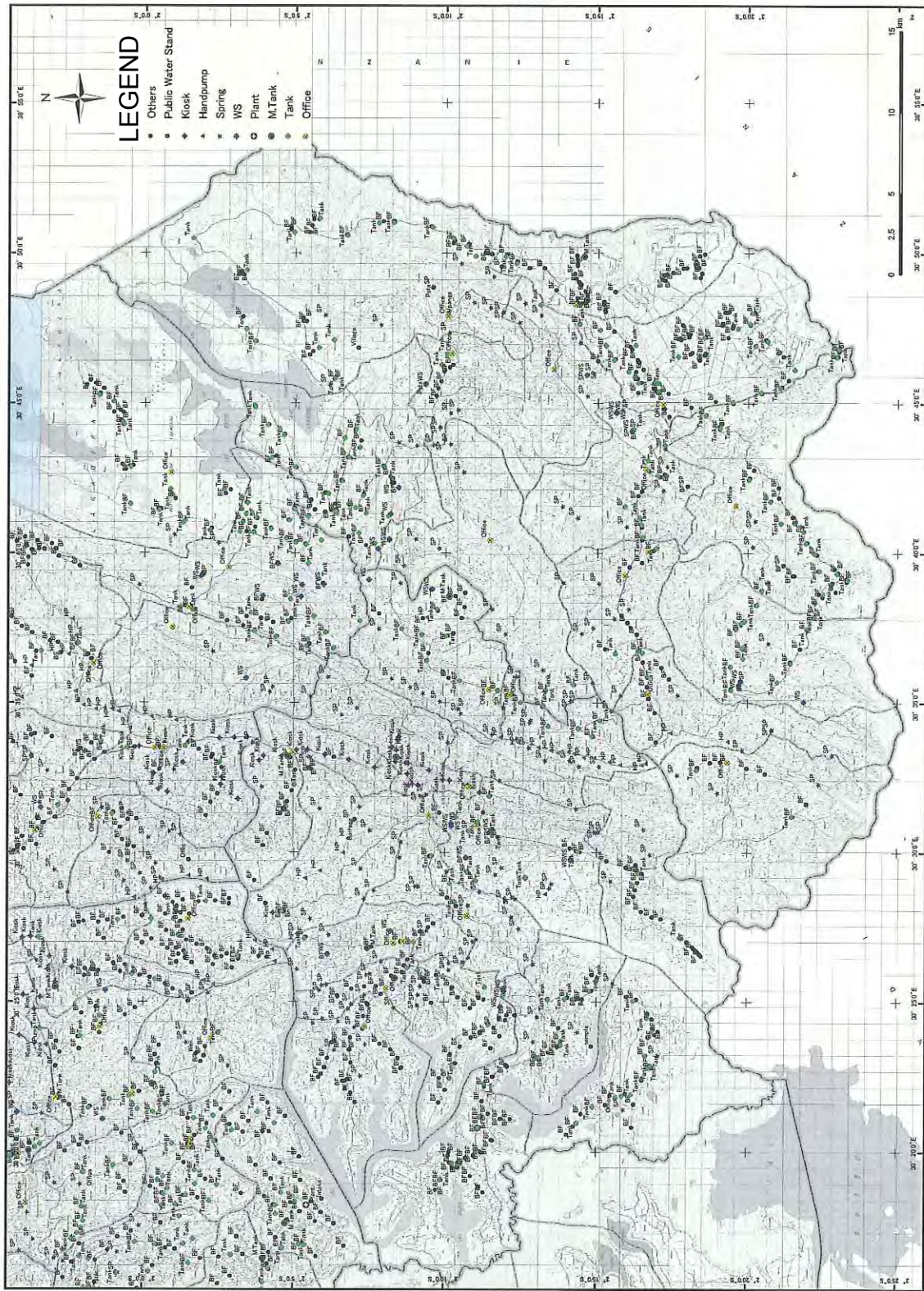
4.10 Donnée de localisation de l'ouvrage du district Rwamagana (6/7)

Name	Latitude	Longitude	Alti	Date	Comments
SP	-02 00' 02.79225"	30 15' 14.02240"	1354.854	2009/2/5	Kwarivera 32.4 l/min 27.6 ms/m 23.5
SP	-01 53' 38.24515"	30 17' 21.70608"	1442.333	2009/2/9	
SP	-02 00' 37.98911"	30 21' 58.04978"	1444.038	2009/1/20	Byimana 32.4 l/min
SP	-01 53' 43.29522"	30 17' 42.51044"	1440.17	2009/2/9	Nyirabuhene 60.3 l/min 46.5 ms/m 24.4
SP	-02 01' 22.89985"	30 23' 58.60374"	1368.552	2009/1/14	Rwamutanazi 24.2 l/min 03
SP	-02 01' 26.01027"	30 23' 38.81476"	1384.173	2009/1/14	Cyahafi 23.3 l/min 02
SP	-02 01' 29.35274"	30 25' 01.63358"	1361.102	2009/1/14	Gatara 88 l/min 09
Tank	-02 01' 44.13208"	30 19' 22.15232"	1621.617	2009/1/29	small 22
Tank	-02 01' 45.01409"	30 18' 54.65516"	1581.482	2009/1/29	R12-15 small 23
Tank	-01 51' 56.56043"	30 17' 24.10861"	1731.688	2009/2/12	75 m3 under construction
Tank	-02 02' 56.82661"	30 16' 32.79896"	1580.521	2009/2/2	Small
Tank	-02 02' 58.57253"	30 20' 42.86944"	1586.529	2009/1/22	Small 35
Tank	-02 05' 00.48949"	30 15' 17.26920"	1481.026	2009/2/2	Small
Tank	-02 03' 08.62589"	30 26' 32.68648"	1493.282	2008/12/4	D-9
Tank	-01 54' 50.14217"	30 26' 32.96170"	1525.006	2009/2/13	30m3 elevated Tank EGAS
Tank	-01 55' 01.54525"	30 20' 57.34313"	1593.259	2009/1/14	Tank for downstream nouse 41
Tank	-02 03' 13.49912"	30 15' 14.51336"	1401.958	2009/2/2	Small
Tank	-01 51' 31.19273"	30 17' 06.28069"	1715.585	2009/2/12	50 m3 under construction
Tank	-01 53' 11.42031"	30 16' 23.94358"	1466.125	2009/2/12	3 m3
Tank	-01 55' 28.08041"	30 23' 40.85279"	1591.336	2009/1/9	150m3+9m3 05
Tank	-01 55' 28.11360"	30 23' 13.77208"	1589.654	2009/1/9	6
Tank	-01 55' 33.46994"	30 20' 33.83329"	1625.463	2009/1/14	Supply Tank 46
Tank	-01 55' 37.73002"	30 19' 51.53297"	1661.992	2009/1/14	nouse 28
Tank	-02 02' 31.31016"	30 23' 58.71448"	1518.276	2009/1/14	18
Tank	-01 55' 52.60019"	30 20' 41.17481"	1567.063	2009/1/14	Booster station 44
Tank	-01 52' 19.73592"	30 17' 41.51587"	1720.873	2009/2/12	50 m3 under construction
Tank	-02 05' 04.98102"	30 18' 19.59804"	1516.594	2009/1/22	Small nouse 49
Tank	-02 03' 24.13998"	30 13' 58.75032"	1414.455	2009/2/2	Small
Tank	-01 56' 27.45003"	30 20' 08.99275"	1711.74	2009/1/14	Tank small 19
Tank	-01 56' 33.54837"	30 27' 09.46091"	1535.34	2009/1/10	Small Tank 04
Tank	-01 56' 36.57430"	30 24' 06.70961"	1513.71	2008/12/27	6
Tank	-01 56' 37.42101"	30 20' 14.96432"	1718.229	2009/1/14	Tank nouse 47
Tank	-02 05' 13.11525"	30 16' 54.34622"	1506.26	2009/1/22	Small nouse 19
Tank	-02 02' 04.86733"	30 28' 21.80752"	1529.812	2008/12/4	D-8
Tank	-02 01' 32.41277"	30 16' 16.20764"	1575.715	2009/2/5	5 m3
Tank	-01 57' 23.32028"	30 16' 42.89970"	1423.587	2009/2/9	5 m3
Tank	-02 02' 05.66183"	30 20' 46.05652"	1567.303	2009/1/29	R14-2 small 04
Tank	-01 57' 40.06008"	30 17' 04.53055"	1421.424	2009/2/9	5 m3
Tank	-02 03' 49.65403"	30 21' 19.42596"	1485.592	2009/1/22	Small 41
Tank	-01 57' 51.95500"	30 17' 16.14095"	1425.75	2009/2/9	5 m3
Tank	-01 57' 56.32945"	30 16' 29.65688"	1456.512	2009/2/5	Small
Tank	-01 57' 57.14900"	30 23' 51.32436"	1667.76	2008/12/4	D-1
Tank	-01 57' 58.98303"	30 17' 26.54009"	1431.759	2009/2/9	5 m3
Tank	-01 58' 01.24493"	30 18' 08.87270"	1454.349	2009/2/9	5 m3
Tank	-01 58' 02.99206"	30 19' 19.05578"	1734.091	2009/2/6	5 m3
Tank	-01 58' 03.89489"	30 17' 40.19690"	1423.106	2009/2/9	5 m3
Tank	-01 58' 04.38795"	30 15' 26.36212"	1612.004	2009/2/6	5 m3
Tank	-01 58' 09.04815"	30 14' 15.55714"	1426.231	2009/2/6	5 m3
Tank	-01 58' 13.93859"	30 21' 27.99472"	1624.261	2009/1/20	Small 20
Tank	-01 58' 15.29314"	30 16' 24.59716"	1528.851	2009/2/5	Small
Tank	-01 58' 15.79102"	30 14' 43.03644"	1475.979	2009/2/6	5 m3
Tank	-01 58' 15.98716"	30 15' 11.54081"	1533.177	2009/2/6	5 m3
Tank	-02 03' 58.13980"	30 15' 23.68890"	1486.313	2009/2/2	Small
Tank	-02 03' 59.28675"	30 15' 37.72685"	1586.77	2009/2/2	Small
Tank	-01 58' 25.12290"	30 15' 25.18679"	1563.939	2009/2/6	5 m3
Tank	-02 05' 22.64085"	30 16' 52.89816"	1494.244	2009/1/22	Small 21
Tank	-01 58' 34.92550"	30 24' 32.25110"	1565.14	2008/12/4	MD-1
Tank	-01 58' 55.79624"	30 21' 44.50489"	1608.64	2009/1/20	Small 17
Tank	-02 02' 12.96988"	30 18' 20.77636"	1506.981	2009/1/29	small 29
Tank	-01 53' 33.34265"	30 16' 44.01077"	1447.139	2009/2/12	3 m3
Tank	-02 04' 10.62615"	30 16' 06.38450"	1624.501	2009/2/2	100 m3 to Kigali
Tank	-01 59' 03.31098"	30 19' 32.01798"	1635.316	2009/2/6	5 m3
Tank	-01 59' 09.12115"	30 15' 56.36466"	1406.524	2009/2/5	Private Tank
Tank	-01 59' 10.45367"	30 27' 44.56451"	1538.464	2008/12/4	D-4
Tank	-01 53' 15.75493"	30 27' 15.46780"	1524.044	2009/2/13	100 m3 elevated Tank EGAS
Tank	-02 04' 23.22868"	30 20' 57.07093"	1442.813	2009/1/22	Small 45
Tank	-01 59' 34.12132"	30 21' 52.13610"	1678.815	2009/1/20	Small nouse 16
Tank	-01 59' 39.12461"	30 25' 55.94740"	1501.694	2008/12/4	D-2
Tank	-01 53' 37.27503"	30 16' 52.27201"	1439.208	2009/2/12	125 m3 reserver Tank
Tank	-02 04' 25.01745"	30 18' 11.94268"	1462.761	2009/1/22	Small 09
Tank	-01 59' 46.11461"	30 16' 58.64614"	1621.617	2009/2/5	Small
Tank	-01 59' 50.38586"	30 21' 25.03246"	1428.154	2009/1/20	Small 03
Tank	-02 04' 26.34423"	30 17' 54.96871"	1510.345	2009/1/22	Small 48

4.10 Donnée de localisation de l'ouvrage du district Rwamagana (7/7)

Name	Latitude	Longitude	Alti	Date	Comments
Tank	-02 02' 21.36875"	30 21' 12.03948"	1503.857	2009/1/29	R-14-4 small 06
Tank	-02 00' 12.19655"	30 15' 59.09216"	1565.14	2009/2/5	5 m3
Tank	-02 00' 15.41288"	30 27' 46.80439"	1523.804	2008/12/4	D-5
Tank	-02 00' 20.44967"	30 21' 19.29683"	1410.369	2009/1/20	Small 05
Tank	-02 02' 22.54587"	30 20' 21.14567"	1500.492	2009/1/22	Small 38
Tank	-02 00' 24.13583"	30 25' 45.02410"	1451.946	2008/12/4	D-3
Tank	-02 00' 24.88628"	30 22' 39.11354"	1627.625	2009/1/14	Supply 07
Tank	-02 00' 25.32834"	30 16' 54.21256"	1653.581	2009/2/5	20 m3
Tank	-02 00' 30.44358"	30 19' 02.64097"	1618.012	2009/1/29	small 44
Tank	-02 00' 37.95984"	30 21' 57.59957"	1444.255	2009/1/20	colecting 11
Tank	-02 00' 38.33521"	30 18' 12.14183"	1600.949	2009/1/29	small nouse 39
Tank	-02 00' 42.15776"	30 19' 09.68617"	1608.399	2009/1/29	small 43
Tank	-02 00' 42.44201"	30 18' 34.32730"	1584.366	2009/1/29	R12-12 small 35
Tank	-02 00' 45.08321"	30 21' 35.03239"	1422.626	2009/1/20	Small 07
Tank	-02 00' 49.96973"	30 18' 45.37008"	1598.065	2009/1/29	small 40
Tank	-02 04' 37.34508"	30 16' 46.30706"	1590.615	2009/1/22	Small 16
Tank	-02 04' 37.35805"	30 18' 37.58497"	1487.514	2009/1/22	Small nouse 30
Tank	-02 00' 58.70565"	30 20' 15.89194"	1621.617	2009/1/29	Small 17
Tank	-02 01' 00.99170"	30 27' 46.11218"	1622.579	2008/12/4	D-6
Tank	-02 01' 41.19938"	30 17' 04.48379"	1592.538	2009/2/5	5 m3
Tank	-02 01' 06.21526"	30 18' 13.63882"	1562.737	2009/1/29	small 31
Tank	-02 01' 10.30969"	30 27' 13.25750"	1551.201	2008/12/4	D-7
Tank	-02 01' 14.53930"	30 17' 50.09158"	1557.209	2009/2/5	5 m3
Tank	-02 01' 42.06088"	30 21' 06.85904"	1484.39	2009/1/29	R14-3 small 09
Tank	-02 04' 39.33058"	30 16' 46.93138"	1583.886	2009/1/22	Small 18
Tank	-02 02' 28.72508"	30 18' 53.85222"	1518.757	2009/1/29	small 26
Tank	-02 01' 22.52507"	30 16' 54.30670"	1620.896	2009/2/5	5 m3
Tank	-01 51' 01.12319"	30 16' 30.99846"	1720.873	2009/2/12	50 m3 under construciton
Tank	-02 01' 24.74806"	30 26' 37.26100"	1471.893	2008/12/6	D-10
Tank	-02 01' 27.05945"	30 18' 32.69938"	1556.729	2009/1/29	R12-14 small 33
Tank	-02 01' 31.25587"	30 20' 08.50240"	1656.946	2009/1/29	Middle 15
Well	-02 01' 45.69845"	30 23' 15.83272"	1425.029	2009/1/14	Deep well private 12
Well	-02 01' 48.66857"	30 23' 19.11966"	1426.231	2009/1/14	Deep well private 13
WS	-01 55' 51.26224"	30 21' 19.26454"	1472.614	2009/1/14	SP 213 l/min 1978 43
WS	-01 58' 41.62673"	30 21' 05.12431"	1455.31	2009/1/20	Mugatare 253 l/min 02
WS	-01 58' 46.06304"	30 25' 23.39116"	1387.298	2008/12/4	Rwakibogo Source
WS	-01 53' 01.81445"	30 16' 05.17238"	1467.808	2009/2/12	SP & Tank 2006

4.11 Carte de localisation de l'ouvrage de localisation des districts Ngoma et Kirehe



4.12 Donnée de localisation de l'ouvrage du district Ngoma (1/8)

Name	Latitude	Longitude	Alti	Date	Comments
Barrage	-02 07' 00.37297"	30 31' 06.11681"	1381.77	2008/12/30	Barrage 1988
BF	-02 14' 02.45064"	30 25' 08.69750"	1547.596	2009/1/20	Nyagasani/Kibonde/constructed in 2001
BF	-02 10' 10.59644"	30 19' 58.94663"	1371.436	2009/1/19	10
BF	-02 16' 31.58321"	30 22' 23.46514"	1424.068	2009/1/23	Auterimberi/Jarama
BF	-02 16' 38.89578"	30 23' 12.65651"	1420.944	2009/1/23	Ibabori/Kibimba
BF	-02 15' 06.20105"	30 34' 24.54632"	1487.755	2009/1/21	Rurange Muguruka
BF	-02 16' 41.93409"	30 24' 37.68138"	1438.728	2009/1/23	Mubaha/kigoma
BF	-02 06' 53.21368"	30 23' 48.01628"	1422.145	2009/1/16	Icocoero 12
BF	-02 10' 41.12072"	30 29' 47.94436"	1494.244	2009/1/22	Umukumba/Umukumba/Free/1996/constructed by Care international/cell has committee
BF	-02 16' 43.24609"	30 23' 49.05161"	1453.147	2009/1/23	Urukomo/Kibimba
BF	-02 14' 06.49679"	30 30' 08.04802"	1576.436	2009/1/22	Kibimba/Kinyonzo/repair at 2008/not use/pipe is not connected
BF	-02 16' 49.63954"	30 22' 48.27943"	1428.634	2009/1/23	Jarama primary school/Aufatanye/Jarama
BF	-02 16' 50.25873"	30 27' 50.36530"	1482.708	2009/1/30	Ndarage/Kibare/not use/under repair
BF	-02 16' 50.93283"	30 24' 25.39598"	1438.488	2009/1/23	Meraweza/Kigoma
BF	-02 16' 53.24362"	30 24' 04.46278"	1446.418	2009/1/23	Cyahafi/Kibimba
BF	-02 16' 56.08911"	30 23' 54.80956"	1445.938	2009/1/23	Urukomo/Kibimba
BF	-02 04' 38.91085"	30 28' 02.12534"	1538.945	2008/12/30	nouse Sante de Kirwa 13
BF	-02 09' 29.78224"	30 29' 52.37822"	1507.702	2008/12/31	Rwakawra 06
BF	-02 15' 59.62744"	30 25' 11.01432"	1444.496	2009/1/23	Vurunga/Kigoma
BF	-02 17' 03.44182"	30 24' 00.80773"	1441.852	2009/1/23	Cyahafi/Kibimba
BF	-02 09' 50.56999"	30 22' 27.32966"	1393.546	2009/1/13	Umuvugagoma 36
BF	-02 05' 02.58272"	30 32' 45.44851"	1637.479	2008/12/29	Gisunzil 03
BF	-02 17' 07.72453"	30 27' 46.83938"	1471.172	2009/1/30	Ndarage/Kibare/not use/under repair
BF	-02 05' 23.91000"	30 27' 10.72490"	1367.351	2009/1/5	21
BF	-02 10' 10.29741"	30 22' 27.74788"	1419.021	2009/1/13	Isengano 33
BF	-02 10' 10.54605"	30 19' 59.07425"	1368.072	2009/1/19	Rukumberi/Ntovi
BF	-02 06' 42.12141"	30 22' 22.33448"	1418.781	2009/1/16	Cetro de sante 05
BF	-02 04' 39.43740"	30 28' 01.04873"	1537.983	2008/12/30	nouse Sante de Kirwa 12
BF	-02 16' 18.73204"	30 29' 25.56334"	1543.991	2009/1/30	Akarimbu/Mutenderi/Catholic church/not used
BF	-02 14' 15.02360"	30 20' 51.09752"	1354.854	2009/1/23	Kavumu/Karene
BF	-02 17' 47.03995"	30 27' 08.72615"	1481.987	2009/1/30	Rwakaba/Kibare/not used/under repair
BF	-02 16' 19.38321"	30 25' 05.13689"	1452.186	2009/1/23	Kigoma/Kigoma
BF	-02 06' 06.96409"	30 26' 37.14515"	1380.809	2009/1/5	18
BF	-02 04' 40.22889"	30 31' 26.64174"	1533.177	2009/1/28	for school
BF	-02 06' 55.39774"	30 25' 26.54411"	1458.194	2009/1/12	Agatare nouse 08
BF	-02 17' 59.55407"	30 27' 00.06865"	1471.412	2009/1/30	Rwakaba/Kibare/under repair
BF	-02 05' 28.14022"	30 32' 50.30423"	1649.255	2008/12/30	Nyamafa from Remera 25
BF	-02 05' 30.07865"	30 32' 48.60992"	1646.371	2008/12/30	Nyamafa 24
BF	-02 12' 00.13055"	30 24' 22.97207"	1453.388	2009/1/13	Rugaramo 43
BF	-02 18' 10.44387"	30 26' 50.63723"	1462.28	2009/1/30	Mutukura/Kibare/not used/under repair
BF	-02 18' 12.86962"	30 26' 47.91455"	1460.117	2009/1/30	Mutukura/Kibare2/not used/under repair
BF	-02 18' 13.61947"	30 26' 47.09828"	1458.194	2009/1/30	Mutukura/Kibare2/not used/under repair
BF	-02 14' 18.86365"	30 30' 02.73362"	1586.049	2009/1/22	Kibimba primary scool/Kinyonzo/Kibimba/not use
BF	-02 14' 19.59750"	30 25' 06.20476"	1521.881	2009/1/20	Cyanika/Gafunzo
BF	-02 18' 17.27726"	30 26' 43.24981"	1451.706	2009/1/30	Mutukura/Kibare2/not used/under repair
BF	-02 04' 55.53810"	30 32' 03.72725"	1531.494	2009/1/28	Bugera Kiyovu
BF	-02 06' 37.98564"	30 22' 21.67306"	1412.532	2009/1/16	Centoro de sante de Hyange 04
BF	-02 18' 20.24074"	30 26' 40.53498"	1447.139	2009/1/30	Mutukura/Kibare2/not used/under repair
BF	-02 09' 49.42999"	30 31' 19.25677"	1639.161	2009/1/21	Karene/Karama/15rwf
BF	-02 12' 18.91469"	30 24' 33.83348"	1453.388	2009/1/13	Rugarama 47
BF	-02 18' 24.70873"	30 26' 35.82679"	1441.131	2009/1/30	Mutukura/Kibare2/not used/under repair
BF	-02 18' 28.20871"	30 26' 32.13247"	1435.604	2009/1/30	Mutukura/Kibare2/not used/under repair
BF	-02 06' 21.04307"	30 23' 40.88868"	1433.921	2009/1/16	Icocoero 13
BF	-02 09' 55.13123"	30 36' 01.71900"	1593.98	2009/1/15	Kanzenze 08
BF	-02 15' 19.47406"	30 21' 34.00466"	1369.514	2009/1/23	Kabonero/Ihanika
BF	-02 10' 04.48633"	30 37' 13.91898"	1534.378	2009/1/15	Cyabayagara nowater 33
BF	-02 16' 19.77609"	30 29' 20.89288"	1530.293	2009/1/30	Cyanonga/Mutenderi/not used/under repir
BF	-02 14' 48.83874"	30 25' 22.32358"	1479.103	2009/1/20	Kabare/Kibonne
BF	-02 14' 22.09658"	30 34' 09.03104"	1535.099	2009/1/21	Rurenge Ruvuzi
BF	-02 05' 32.61907"	30 32' 47.10206"	1643.727	2008/12/30	Nyamafa 23
BF	-02 09' 49.94447"	30 21' 38.09426"	1404.842	2009/1/13	Umukoma 30
BF	-02 10' 15.51072"	30 37' 19.36978"	1522.362	2009/1/15	Karuruma nowater 34
BF	-02 10' 10.71654"	30 28' 57.21859"	1394.027	2008/12/31	Rwamyamigono 13
BF	-02 10' 15.55598"	30 25' 29.19349"	1424.548	2009/1/13	Nyagahinga 21
BF	-02 16' 24.00600"	30 29' 19.19825"	1541.348	2009/1/30	Mutenderi HC/Cyanyonga/Mutenderi/not used from
BF	-02 06' 07.63427"	30 23' 07.80288"	1421.905	2009/1/16	Kiyovu 14
BF	-02 12' 02.08558"	30 22' 53.43902"	1374.801	2009/1/20	Catholic Church/Isangano/Rukoma
BF	-02 13' 22.53022"	30 34' 11.97581"	1543.511	2009/1/21	Gitaraga Tonero
BF	-02 10' 15.86044"	30 19' 36.35623"	1384.173	2009/1/19	6
BF	-02 10' 16.88488"	30 19' 36.38730"	1383.452	2009/1/19	Rwintashya/Rwimpongo 1
BF	-02 09' 44.79332"	30 38' 04.72650"	1599.267	2009/1/15	Mirambi 22

4.12 Donnée de localisation de l'ouvrage du district Ngoma (2/8)

Name	Latitude	Longitude	Alti	Date	Comments
BF	-02 06' 47.38903"	30 22' 24.54964"	1419.982	2009/1/16	for prim. school 06
BF	-02 10' 17.60757"	30 19' 27.50020"	1382.731	2009/1/19	for school 15
BF	-02 04' 52.38241"	30 33' 10.37804"	1699.724	2008/12/29	Gatаре nouse 04
BF	-02 10' 17.69025"	30 19' 27.54548"	1380.569	2009/1/19	Rwimpongo/Rwintashya/Rukumberi school
BF	-02 10' 19.56169"	30 38' 33.65725"	1621.617	2009/1/15	Rwagakobe 28
BF	-02 10' 21.97477"	30 22' 57.17046"	1395.709	2009/1/13	Isangano 34
BF	-02 10' 22.67151"	30 28' 12.38149"	1493.282	2008/12/31	Rbanbantane 16
BF	-02 15' 58.00071"	30 29' 29.71298"	1553.124	2009/1/30	Cyanyonga/Mutenderi/not used/under repair
BF	-02 13' 24.49672"	30 23' 19.10486"	1404.121	2009/1/20	Ecole sec/Nyaruremo/Rukoma
BF	-02 10' 26.33172"	30 25' 09.20564"	1404.842	2009/1/13	Nyagahinga 22
BF	-02 15' 58.37397"	30 21' 55.60319"	1425.51	2009/1/23	Kabeza/Jarama
BF	-02 09' 34.38330"	30 24' 58.60282"	1418.3	2009/1/13	Amahoro 13
BF	-02 14' 24.03592"	30 25' 07.07138"	1517.075	2009/1/20	Kabare/Kibonde
BF	-02 06' 26.53731"	30 25' 13.86646"	1441.852	2009/1/12	Ikiyovu nouse 11
BF	-02 10' 05.70540"	30 28' 28.75314"	1488.476	2008/12/31	Kibimba 11
BF	-02 06' 27.61545"	30 25' 10.67938"	1441.372	2009/1/12	for school 12
BF	-02 10' 28.00160"	30 35' 43.50851"	1566.582	2009/1/15	Kanzenze 06
BF	-02 15' 28.01415"	30 21' 53.07635"	1385.856	2009/1/23	Irebero/Ihanika
BF	-02 10' 29.21885"	30 19' 34.84657"	1385.856	2009/1/19	Maswai/Rubona/(H.C)
BF	-02 06' 42.68658"	30 22' 06.40880"	1412.772	2009/1/16	Rusabe nouse 07
BF	-02 12' 02.79046"	30 24' 33.54833"	1462.521	2009/1/13	Rugarama 46
BF	-02 09' 26.25570"	30 36' 39.34404"	1610.802	2009/1/15	Ruganama 11
BF	-02 10' 29.33532"	30 19' 34.82879"	1391.383	2009/1/19	for health 11
BF	-02 13' 29.03350"	30 23' 24.50677"	1415.416	2009/1/20	Mabuga2/Gafunzo/constructed in 1996(COFORWA)
BF	-02 11' 51.70513"	30 21' 06.06092"	1366.87	2009/1/19	Kavumve/Rubago/not func
BF	-02 05' 49.96478"	30 22' 29.10695"	1420.703	2009/1/16	Akabeza 16
BF	-02 14' 51.13505"	30 33' 52.39472"	1529.091	2009/1/21	Rugange Nyagahura
BF	-02 10' 02.26034"	30 22' 04.17166"	1404.842	2009/1/13	Akabungo 31
BF	-02 09' 37.49795"	30 27' 37.23563"	1508.663	2009/1/5	9
BF	-02 06' 54.09479"	30 21' 57.48462"	1416.137	2009/1/16	Ntarama 03
BF	-02 10' 31.26923"	30 23' 30.03720"	1395.229	2009/1/13	Ubumwe 37
BF	-02 10' 11.47453"	30 19' 37.96003"	1381.049	2009/1/19	7
BF	-02 12' 04.78170"	30 22' 50.35879"	1377.925	2009/1/20	ecole primaire de Rukoma/Isangano/no func
BF	-02 10' 31.86730"	30 19' 39.55778"	1385.856	2009/1/19	16
BF	-02 05' 55.09149"	30 22' 35.67724"	1414.695	2009/1/16	for prim. school 17
BF	-02 10' 32.04020"	30 19' 39.39935"	1383.452	2009/1/19	Rwimpongo/Rwintashya
BF	-02 14' 52.03185"	30 25' 54.53494"	1421.665	2009/1/20	Karenge/Kibonde
BF	-02 03' 41.44647"	30 29' 03.73456"	1430.076	2009/1/28	Bugera Cyakabiri
BF	-02 10' 32.17055"	30 37' 49.98608"	1536.781	2009/1/15	Ruhama 31
BF	-02 06' 17.94109"	30 33' 11.23502"	1673.528	2008/12/29	10
BF	-02 16' 29.01623"	30 28' 01.72013"	1499.771	2009/1/30	Matongo peimary school /Ndaragr/Kibare/not use/under repair
BF	-02 13' 42.83427"	30 23' 30.06892"	1422.866	2009/1/20	Mabuga2/Gafunzo
BF	-02 13' 45.46281"	30 24' 07.80347"	1432.479	2009/1/20	Rwanyabiranga/Gafunzo
BF	-02 13' 47.87740"	30 23' 32.88088"	1426.471	2009/1/20	Gafunzo market/Mabuga1/Gafunzo
BF	-02 10' 37.32683"	30 38' 11.63231"	1582.924	2009/1/15	Ruhama 30
BF	-02 10' 38.75109"	30 38' 40.04012"	1583.165	2009/1/15	Rwagakobe 29
BF	-02 06' 54.23993"	30 22' 58.04404"	1418.54	2009/1/16	Save 09
BF	-02 13' 50.59857"	30 23' 42.01483"	1414.455	2009/1/20	primary school/Mubuga1/Gafunzo
BF	-02 14' 53.75755"	30 21' 30.11630"	1369.514	2009/1/23	Rusenyi/Karenge
BF	-02 09' 58.02409"	30 25' 49.93234"	1442.333	2009/1/13	Ituze 20
BF	-02 16' 29.88316"	30 29' 17.46654"	1536.781	2009/1/30	Gatonde/Mutenderi/not used/under repair
BF	-02 14' 01.12205"	30 20' 34.53936"	1359.179	2009/1/23	Karenge/Karenge/20rwf/2001/6am-8am/14pm-20pm
BF	-02 07' 02.90585"	30 21' 38.82841"	1407.245	2009/1/16	Agatаре nouse 02
BF	-02 10' 42.42005"	30 19' 46.87608"	1376.964	2009/1/19	Rwimpongo/rwintashya
BF	-02 09' 54.78240"	30 19' 02.89564"	1390.422	2009/1/19	Rwintashya/Rwimpongo1/not func
BF	-02 10' 42.67744"	30 19' 47.28796"	1378.886	2009/1/19	18
BF	-02 12' 10.49169"	30 35' 17.61968"	1600.228	2009/1/21	Kigabiro Kigabiro
BF	-02 10' 12.89697"	30 23' 15.28112"	1391.864	2009/1/13	Ubumwe 35
BF	-02 03' 57.68778"	30 30' 13.89229"	1537.022	2009/1/28	Bugera Rwamutabazi
BF	-02 10' 45.74863"	30 29' 19.34189"	1456.272	2009/1/21	Kabaya/Umukamba/Free
BF	-02 10' 06.65289"	30 35' 49.62282"	1592.057	2009/1/15	Kanzenze for school 35
BF	-02 07' 18.01952"	30 24' 06.29744"	1436.565	2009/1/16	Gishandaro nouse 24
BF	-02 07' 19.62634"	30 24' 31.29761"	1441.852	2009/1/16	Nyawabuye 30
BF	-02 07' 21.34811"	30 25' 31.30662"	1478.622	2009/1/12	Akabuga 06
BF	-02 04' 03.31811"	30 28' 17.13493"	1452.667	2008/12/30	Rwakanwra nouse 08
BF	-02 10' 50.72869"	30 24' 47.66202"	1387.057	2009/1/13	Makoma 23
BF	-02 07' 25.99957"	30 24' 57.58020"	1444.255	2009/1/16	for school 32
BF	-02 12' 27.84675"	30 34' 59.56244"	1556.729	2009/1/21	Kigabiro Mutara
BF	-02 07' 28.30915"	30 24' 55.03043"	1446.659	2009/1/16	Nyawabuye 31
BF	-02 10' 52.13031"	30 19' 11.07120"	1384.173	2009/1/19	Maswai/Rubona/reaking
BF	-02 10' 52.15566"	30 19' 11.06368"	1386.336	2009/1/19	12
BF	-02 07' 34.94701"	30 26' 50.66948"	1560.334	2009/1/5	Rusumbantwari 04

4.12 Donnée de localisation de l'ouvrage du district Ngoma (3/8)

Name	Latitude	Longitude	Alti	Date	Comments
BF	-02 04' 06.17355"	30 30' 38.02342"	1524.765	2009/1/28	Bugera Rwamutabazi
BF	-02 10' 52.55246"	30 23' 48.23174"	1403.159	2009/1/13	Nyagahandagazi 38
BF	-02 07' 44.85493"	30 25' 31.53536"	1495.205	2009/1/12	Irebena 05
BF	-02 09' 54.82676"	30 19' 02.87540"	1398.593	2009/1/19	nouse 04
BF	-02 15' 19.54347"	30 29' 43.01560"	1546.635	2009/1/30	Itonero/Mutenderi/not used/under repair
BF	-02 07' 47.74960"	30 37' 58.40818"	1647.092	2009/1/15	Korandebo 17
BF	-02 16' 11.36817"	30 20' 49.02634"	1375.762	2009/1/23	Akagoma/Karengé
BF	-02 09' 44.03804"	30 18' 43.06111"	1365.909	2009/1/19	nouse 08
BF	-02 07' 52.58331"	30 23' 36.18985"	1407.726	2009/1/16	Gishandaro 25
BF	-02 07' 54.24534"	30 25' 15.94099"	1472.854	2009/1/16	Ruiwibirwa nouse 33
BF	-02 16' 11.46594"	30 29' 26.94293"	1552.884	2009/1/30	Mutenderi primary school/Akarimbu/Mutenderi/not
BF	-02 09' 27.55051"	30 27' 30.31261"	1499.771	2009/1/5	for school 12
BF	-02 12' 58.11726"	30 23' 07.88647"	1399.554	2009/1/20	H.C/Sangano/Rukoma/no func
BF	-02 10' 58.30529"	30 19' 52.33048"	1362.544	2009/1/19	Ntovi/Ntovi
BF	-02 13' 07.22795"	30 23' 04.20875"	1408.206	2009/1/20	Nyarurembo/Rukoma
BF	-02 10' 58.38616"	30 19' 52.39142"	1366.149	2009/1/19	19
BF	-02 16' 13.33467"	30 28' 31.61795"	1481.747	2009/1/30	Rwankamba/Kibare/not use/under repair
BF	-02 10' 07.58197"	30 38' 31.90135"	1625.463	2009/1/15	Rwagakobe 27
BF	-02 08' 06.90097"	30 25' 28.50611"	1492.081	2009/1/12	nouse 16
BF	-02 11' 01.39701"	30 29' 02.72339"	1338.752	2009/1/22	Kabaya/Umukamba/not use(broken tap)
BF	-02 11' 05.65951"	30 30' 56.46960"	1643.727	2009/1/22	Rango/Karama/15rwf
BF	-02 11' 07.25968"	30 20' 46.55260"	1386.577	2009/1/19	24
BF	-02 11' 07.30585"	30 20' 46.60660"	1389.22	2009/1/19	Rugenda2/Rubona
BF	-02 09' 44.13279"	30 18' 43.08282"	1367.351	2009/1/19	Rwimpongo1/rwintashya
BF	-02 11' 07.56203"	30 25' 08.45670"	1374.08	2009/1/13	Agasave nouse 24
BF	-02 16' 14.94359"	30 21' 35.13863"	1408.447	2009/1/23	Kawombe/Karengé
BF	-02 11' 08.09522"	30 18' 49.14979"	1382.491	2009/1/19	Maswai/Rubona/reaking
BF	-02 11' 08.10669"	30 18' 49.18838"	1382.972	2009/1/19	13
BF	-02 11' 10.05568"	30 20' 00.12102"	1365.909	2009/1/19	Kagarama/Rubona/not func
BF	-02 11' 10.06323"	30 20' 00.20400"	1373.599	2009/1/19	nouse 21
BF	-02 11' 10.18725"	30 23' 57.58897"	1394.988	2009/1/13	Sangaza Health centre 39
BF	-02 11' 10.18906"	30 24' 00.11308"	1393.065	2009/1/13	Health centre 40
BF	-02 08' 14.57142"	30 23' 24.36706"	1411.09	2009/1/16	Rugarama 26
BF	-02 06' 01.71698"	30 22' 48.90256"	1420.463	2009/1/16	Akinteko nouse 15
BF	-02 11' 11.98054"	30 21' 09.45652"	1389.941	2009/1/19	27
BF	-02 08' 15.50262"	30 25' 52.39794"	1545.674	2009/1/13	Rebero nouse 02
BF	-02 04' 45.63109"	30 31' 41.83900"	1528.37	2009/1/28	Bugera Kiyovu
BF	-02 11' 12.01463"	30 21' 09.42512"	1391.624	2009/1/19	Akabungo/Rubago
BF	-02 09' 44.39652"	30 25' 54.41210"	1458.915	2009/1/13	Kacyiru nouse 16
BF	-02 16' 15.12132"	30 29' 29.09803"	1552.643	2009/1/30	Mutenderi chruch/Akarimbu/Mutenderi/not used from 2001
BF	-02 11' 13.33207"	30 19' 57.86396"	1367.591	2009/1/19	nouse 22
BF	-02 11' 13.33841"	30 19' 57.80420"	1366.87	2009/1/19	Kagarama/Rubona/not func
BF	-02 12' 10.53423"	30 21' 05.07694"	1358.458	2009/1/19	Rubago/Rubago
BF	-02 06' 51.23029"	30 23' 24.63623"	1425.269	2009/1/16	house conect 11
BF	-02 12' 10.54570"	30 21' 05.11312"	1356.055	2009/1/19	nouse 30
BF	-02 11' 14.59217"	30 21' 40.74088"	1389.701	2009/1/19	Rubago/Rubago
BF	-02 16' 16.34099"	30 28' 44.99177"	1455.31	2009/1/30	Rwankamba/Kibare/not use/made 1970'/under repair(from 2009 by CDF)/stopped 1998/
BF	-02 08' 28.70894"	30 23' 07.76184"	1411.09	2009/1/16	Rugarama 27
BF	-02 11' 15.09368"	30 31' 20.19428"	1636.277	2009/1/21	Rango/Karama/15rwf
BF	-02 11' 17.51641"	30 18' 38.45822"	1376.723	2009/1/19	Maswai/Rubona/not func
BF	-02 08' 32.91230"	30 27' 01.38640"	1530.533	2009/1/5	Kigobe 05
BF	-02 08' 33.53631"	30 37' 28.01608"	1645.169	2009/1/15	Agatare 16
BF	-02 08' 34.06981"	30 22' 47.52959"	1407.245	2009/1/16	for prim. school 29
BF	-02 11' 17.52848"	30 18' 38.41387"	1380.809	2009/1/19	nouse 14
BF	-02 11' 17.56530"	30 25' 04.67069"	1377.444	2009/1/13	Nyarutega nouse 25
BF	-02 08' 36.22007"	30 22' 48.56700"	1407.245	2009/1/16	Rugarama 28
BF	-02 08' 36.48892"	30 25' 59.79472"	1539.425	2009/1/13	Jyambere nouse 03
BF	-02 04' 38.79739"	30 31' 28.90153"	1532.936	2009/1/28	for school
BF	-02 13' 04.39966"	30 23' 08.72138"	1408.447	2009/1/20	Nyarurembo/Rukoma
BF	-02 11' 19.54658"	30 22' 10.95737"	1389.22	2009/1/19	32
BF	-02 08' 40.10085"	30 26' 13.21256"	1521.881	2009/1/13	Kizenga 04
BF	-02 16' 20.69099"	30 28' 59.53181"	1480.785	2009/1/30	Cyanyonza/Mutenderi/not use/constructed in 1997/by CDF
BF	-02 08' 47.08784"	30 26' 25.30028"	1508.904	2009/1/5	Umurehe 16
BF	-02 16' 17.43120"	30 29' 35.56450"	1540.867	2009/1/30	Mutenderi secondary school/Akarimbu/Mutenderi/not used
BF	-02 11' 25.55379"	30 35' 27.19748"	1606.957	2009/1/15	Rurama 02
BF	-02 11' 25.95119"	30 30' 39.17520"	1618.974	2009/1/22	Kagusa/Karama/15rwf
BF	-02 11' 26.49645"	30 24' 15.34262"	1393.786	2009/1/13	Gasebeya 29
BF	-02 15' 51.32573"	30 21' 51.97558"	1412.532	2009/1/23	Kabeza/Jarama
BF	-02 08' 58.64662"	30 27' 00.02250"	1543.03	2009/1/5	Kigobe 07

4.12 Donnée de localisation de l'ouvrage du district Ngoma (4/8)

Name	Latitude	Longitude	Alti	Date	Comments
BF	-02 11' 27.37937"	30 21' 15.70388"	1375.522	2009/1/19	Kavumve/Rubago/not func
BF	-02 11' 27.41980"	30 21' 15.66950"	1372.638	2009/1/19	28
BF	-02 11' 28.15577"	30 31' 52.93340"	1645.89	2009/1/21	Gahurire/Mpandu/15rwf
BF	-02 15' 01.99407"	30 25' 48.43085"	1445.697	2009/1/20	Nkingi/Kibonde
BF	-02 04' 31.69363"	30 28' 01.70864"	1537.262	2008/12/30	nouse 10
BF	-02 04' 32.49598"	30 31' 17.84730"	1533.898	2009/1/28	Bugera Kiyovu
BF	-02 11' 31.49854"	30 23' 27.08308"	1367.11	2009/1/13	Karange 45
BF	-02 14' 25.71063"	30 30' 01.08788"	1584.366	2009/1/22	Kibimba/Kinyonzo/repair at 2008/not use/pipe is not connected
BF	-02 09' 12.11697"	30 27' 21.42371"	1509.625	2009/1/5	8
BF	-02 09' 13.38824"	30 37' 16.60876"	1633.153	2009/1/15	Rubagabaga 14
BF	-02 11' 33.46835"	30 20' 23.24976"	1384.895	2009/1/19	for school 25
BF	-02 11' 34.14849"	30 30' 33.60038"	1627.145	2009/1/21	Kazo primary school/Kazo/Umukamba
BF	-02 11' 34.73660"	30 20' 22.52555"	1385.375	2009/1/19	Rugenda2/Rubona/school
BF	-02 11' 35.23086"	30 22' 30.52758"	1385.375	2009/1/19	Nyagitabire/Rubago/not func
BF	-02 11' 35.29363"	30 22' 30.54418"	1386.817	2009/1/19	nouse 34
BF	-02 11' 43.65417"	30 35' 25.06474"	1591.096	2009/1/15	Rurama 04
BF	-02 10' 11.54514"	30 19' 38.08675"	1382.01	2009/1/19	Rwinpongo2/Rwintashya/not func
BF	-02 11' 43.90885"	30 30' 31.17103"	1637.479	2009/1/21	Kazo/Umukamba/15rwf
BF	-02 09' 14.49264"	30 37' 49.35724"	1586.049	2009/1/15	Bweranka 20
BF	-02 16' 17.84973"	30 29' 25.75828"	1543.751	2009/1/30	not used
BF	-02 10' 08.62844"	30 19' 51.68744"	1373.599	2009/1/19	Rwinpongo/Rwintashya/not func
BF	-02 11' 48.47943"	30 24' 27.82084"	1436.325	2009/1/13	Ubususamana 42
BF	-02 04' 37.20235"	30 31' 25.36716"	1534.378	2009/1/28	for school
BF	-02 11' 49.83972"	30 23' 51.56455"	1384.654	2009/1/13	Rushubi 44
BF	-02 10' 08.94889"	30 19' 51.68021"	1373.599	2009/1/19	nouse 09
BF	-02 06' 52.06101"	30 23' 24.63680"	1427.432	2009/1/16	Icocoerero nouse 10
BF	-02 09' 18.11362"	30 25' 47.87774"	1481.506	2009/1/13	for Zaza A Prim. school 15
BF	-02 14' 30.43782"	30 21' 15.66619"	1361.102	2009/1/23	Nyarurenbo/Karenge
BF	-02 09' 19.76509"	30 25' 47.83188"	1479.583	2009/1/13	nouse 14
BF	-02 09' 20.15254"	30 25' 40.62792"	1469.97	2009/1/13	Kabeza 09
BF	-02 04' 37.88672"	30 28' 01.37975"	1540.627	2008/12/30	nouse Sante de Kirwa 14
BF	-02 04' 38.75998"	30 28' 02.94161"	1537.743	2008/12/30	nouse 11
BF	-02 06' 15.76700"	30 23' 38.99342"	1425.51	2009/1/16	for prim. school 19
BF	-02 14' 32.32797"	30 25' 05.70446"	1479.343	2009/1/20	Rwumba/Gafunzo
BF	-02 11' 51.67344"	30 21' 06.05790"	1361.342	2009/1/19	nouse 29
BF	-02 04' 38.79076"	30 31' 24.76607"	1532.696	2009/1/28	for school
BF	-02 09' 22.04269"	30 36' 24.23128"	1581.723	2009/1/15	Kabimba 10
HP	-02 13' 16.86700"	30 28' 36.72656"	1370.956	2009/1/22	Karisizo/Birenga/Broken hand pump/1970's/by Japan
HP	-02 11' 48.53194"	30 33' 50.74085"	1376.964	2009/1/15	Mvumba(Murama) 37
HP	-02 12' 23.90199"	30 33' 40.81694"	1374.801	2009/1/28	
HP	-02 13' 02.50619"	30 33' 30.66131"	1368.792	2009/1/28	
HP	-02 13' 27.80237"	30 33' 24.16374"	1380.809		
HP	-02 13' 41.90180"	30 33' 20.23270"	0		
HP	-02 14' 02.83990"	30 33' 20.90545"	1367.11	2009/1/28	
HP	-02 14' 13.35463"	30 33' 18.36353"	1370.475	2009/1/28	
HP	-02 14' 33.11611"	30 33' 10.65399"	0		
HP	-02 14' 54.05145"	30 33' 10.25104"	1371.677	2009/1/28	Nouse
HP	-02 15' 24.33041"	30 33' 01.93634"	1376.243	2009/1/28	
HP	-02 15' 44.90754"	30 32' 55.67385"	1363.986	2009/1/28	
HP	-02 16' 28.28570"	30 32' 55.89143"	1347.884	2009/1/28	
HP	-02 16' 35.88675"	30 32' 58.69676"	1363.986	2009/1/28	Abandoned
HP	-02 09' 22.70685"	30 37' 51.63622"	1558.171	2009/1/15	nouse 3yers 21
HP	-02 05' 07.23870"	30 27' 17.43066"	1342.356	2008/12/30	Gisaya nowork
HP	-02 05' 21.47218"	30 29' 08.38118"	1367.11	2008/12/30	Amashya work 1988 15
HP	-02 05' 50.99103"	30 29' 23.64090"	1357.497	2008/12/30	nouse 16
HP	-02 06' 36.76115"	30 29' 59.27438"	1360.862	2008/12/30	work 1988 17
HP	-02 06' 46.83140"	30 30' 28.37772"	1366.149	2008/12/30	work 1988 18
Kiosk	-02 09' 28.43916"	30 32' 44.70076"	1623.54	2009/1/2	17
Kiosk	-02 05' 25.79623"	30 33' 26.29289"	1665.117	2008/12/29	Rusagara from Kibungo 08
Kiosk	-02 09' 56.18071"	30 32' 25.86080"	1621.858	2009/1/2	Marembo 18
Kiosk	-02 05' 04.66931"	30 33' 25.55572"	1666.318	2008/12/29	Gatore 07
Kiosk	-02 06' 48.20526"	30 33' 06.09624"	1658.628	2008/12/29	Nyakabingo 11
Kiosk	-02 03' 49.85318"	30 33' 04.79783"	1643.247	2008/12/29	Munini 1st 14
Kiosk	-02 10' 44.11919"	30 32' 14.45348"	1630.75	2009/1/2	Musamvu 20
Kiosk	-02 03' 58.38754"	30 33' 13.94896"	1681.459	2008/12/29	nouse 15
Kiosk	-02 07' 40.68627"	30 32' 50.25203"	1646.131	2008/12/29	Kabuye 12
Kiosk	-02 04' 18.21603"	30 27' 59.18875"	1506.981	2008/12/30	Kajevuba nouse 07
Kiosk	-02 11' 08.20627"	30 32' 00.30059"	1641.564	2009/1/2	Karama 22
Kiosk	-02 06' 01.08995"	30 33' 16.41996"	1664.636	2008/12/29	Rubimba 09
Kiosk	-02 08' 15.49507"	30 33' 30.76690"	1621.617	2009/1/2	Ngoma 09
Kiosk	-02 08' 22.23131"	30 33' 02.59718"	1618.974	2009/1/2	Kiruhura 12
Kiosk	-02 08' 23.74276"	30 33' 25.72830"	1610.802	2009/1/2	8

4.12 Donnée de localisation de l'ouvrage du district Ngoma (5/8)

Name	Latitude	Longitude	Alti	Date	Comments
Kiosk	-02 08' 25.59761"	30 33' 46.46930"	1618.493	2009/1/2	Karambi 07
Kiosk	-02 08' 28.16489"	30 33' 51.18412"	1625.463	2009/1/2	Karambi 06
Kiosk	-02 08' 42.33983"	30 32' 59.57545"	1632.192	2009/1/2	Bwiza 10
Kiosk	-02 08' 45.52659"	30 32' 38.04572"	1616.811	2009/1/2	Ubumue 13
Kiosk	-02 08' 46.79454"	30 32' 59.15180"	1633.874	2009/1/2	Bwiza 11
Kiosk	-02 08' 48.02567"	30 32' 14.93297"	1623.3	2009/1/2	Kabeza 16
Kiosk	-02 08' 54.70397"	30 32' 17.47158"	1633.393	2009/1/2	Ihuriro 14
Kiosk	-02 10' 09.09041"	30 32' 24.81706"	1593.739	2009/1/2	Musamvu 19
Kiosk	-02 04' 34.97183"	30 33' 13.19940"	1682.18	2008/12/29	Limukiza 06
Kiosk	-02 09' 06.15684"	30 32' 15.23897"	1622.819	2009/1/2	Kabeza 15
M.Tank	-02 04' 47.83325"	30 33' 12.29627"	1705.492	2008/12/29	Main Tank 05
M.Tank	-02 10' 30.44184"	30 19' 36.99984"	1383.212	2009/1/19	Tank elevated 02
M.Tank	-02 07' 26.81067"	30 26' 48.71929"	1565.861	2009/1/5	Main Tank 03
M.Tank	-02 11' 06.58346"	30 20' 48.02420"	1389.22	2009/1/19	elevated 23
M.Tank	-02 10' 07.58982"	30 38' 32.91493"	1627.625	2009/1/15	Tank 26
M.Tank	-02 08' 21.49202"	30 25' 48.36958"	1546.395	2009/1/13	Main Tank 1982 01
M.Tank	-02 08' 23.01504"	30 33' 10.62652"	1652.139	2009/1/2	Main Tank 23
Office	-02 10' 26.99285"	30 19' 28.64294"	1383.452	2009/1/19	2009/1/19 10:04
Office	-02 13' 29.91340"	30 23' 25.00224"	1410.85	2009/1/19	SAKE
Office	-02 12' 06.59792"	30 35' 16.16856"	1595.662	2009/1/21	Murama Office
Office	-02 10' 43.40465"	30 27' 53.14291"	1540.146	2008/12/31	Sector Office 01 Gashnda
Office	-02 07' 21.29651"	30 24' 11.50560"	1419.261	2009/1/16	Sector Office 01 Mugrsera
Office	-02 10' 46.89860"	30 32' 12.23956"	1636.037	2009/1/2	Sector Office 21 Kibungo
Office	-02 16' 20.63004"	30 29' 18.79303"	1509.625	2009/1/30	2009/1/30 8:30
Office	-02 08' 05.29416"	30 25' 27.96625"	1495.926	2009/1/12	Sector Office 01 Zaza
Office	-02 11' 01.29773"	30 30' 55.84860"	1648.293	2009/1/21	KAZO
Office	-02 09' 27.67965"	30 31' 14.03468"	1661.271	2008/12/29	Sector Office Rurenge
Office	-02 08' 18.70900"	30 26' 58.87010"	1474.296	2009/1/5	Sector Office 01 Karembo
Office	-02 15' 38.05664"	30 21' 50.11531"	1399.795	2009/1/23	JARAMA sec
Office	-02 08' 37.96478"	30 27' 01.94825"	1523.323	2009/1/5	05-jan-09 9:27:07am NGO
Office	-02 11' 25.78402"	30 35' 26.55445"	1572.59	2009/1/15	Sector Office 01 Rukira
Office	-02 04' 56.75535"	30 33' 21.20418"	1661.271	2008/12/29	sector Office 01 Remera
PS	-02 11' 33.10625"	30 30' 46.58706"	1539.666	2009/1/22	PomPstation/Rebero/Gahurire/own generator(2h/day)/constructed by UNDP/secture has a committee
Rukumbe sample	-02 10' 27.27891"	30 19' 28.71142"	1370.235	2009/1/19	Sector Office 01
SP	-02 14' 50.24550"	30 23' 30.89782"	1337.069	2009/1/19	water sample 36
SP	-02 16' 32.81736"	30 30' 45.93316"	1390.182	2009/1/30	Rwankombe SP/Muyange/Muzingira
SP	-02 05' 07.51450"	30 27' 16.45963"	1336.829	2008/12/30	Gisaya 15.7l/min 06
SP	-02 14' 04.94731"	30 33' 04.42274"	1348.124	2009/1/21	Kagomogomo 7.2 l/min 26.7 ms/m 22.8
SP	-02 14' 06.38997"	30 35' 03.43961"	1412.292	2009/1/21	Ruvuzi 54.5 l/min 12.66 ms/m 23.1
SP	-02 16' 45.25634"	30 29' 55.76356"	1352.69	2009/1/30	Kiyanzi SP/Gatonde/Muzingira/24sec(12L)
SP	-02 14' 06.72431"	30 35' 03.56302"	1424.308	2008/12/17	16-dec-08 .16
SP	-02 13' 15.90563"	30 33' 04.15480"	1375.762	2009/1/21	Nyakagezi 12.5 l/min 19.31 ms/m 22.5
SP	-02 17' 02.53476"	30 23' 12.61486"	1335.387	2009/1/23	Kagatwa SP/Urukomo/Kibimba/1min 18sec(12L)
SP	-02 14' 08.38423"	30 35' 03.76490"	1405.322	2009/1/21	Ruvuzi 30 l/min
SP	-02 12' 20.61897"	30 33' 47.94214"	1351.489	2009/1/28	
SP	-02 06' 54.58362"	30 24' 56.34212"	1346.202	2009/1/12	Kakimana little 10
SP	-02 12' 11.19446"	30 27' 50.77238"	1353.411	2008/12/31	Rwezamenyo 8.1l/min 20
SP	-02 06' 06.17049"	30 35' 52.07845"	1542.79	2009/1/2	Nyutoma 31l/min 05
SP	-02 12' 53.53853"	30 26' 15.86191"	1370.715	2008/12/31	Nyamokuron 42.6l/min 22
SP	-02 06' 55.36394"	30 31' 03.71824"	1372.397	2008/12/30	8.3l/min 20
SP	-02 12' 13.03935"	30 28' 30.46044"	1348.124	2009/1/22	Gahondo sprind/Gahondo/Birenga/35sec(12L)
SP	-02 05' 27.73919"	30 33' 12.00841"	1546.154	2008/12/29	old pump faciirty nouse 18
SP	-02 11' 59.10370"	30 28' 23.67955"	1344.039	2008/12/31	Nangogosigane 8.2l/min 19
SP	-02 14' 18.42974"	30 31' 27.34633"	1362.063	2009/1/21	Kagenzanda 15.8 l/min 18.01 ms/m 22.9
SP	-02 09' 49.44085"	30 35' 02.70575"	1390.903	2009/1/15	Rukoko 31.4 l/min 41
SP	-02 05' 30.78836"	30 35' 12.80648"	1453.147	2008/12/23	04.Gicaca
SP	-02 06' 20.51561"	30 23' 23.92289"	1359.9	2009/1/16	Nagatunga 11.2 l/min 18
SP	-02 05' 31.54062"	30 33' 10.89554"	1548.077	2008/12/29	Ngezi 34.9l/min 17
SP	-02 05' 06.80630"	30 26' 06.49594"	1360.862	2009/1/5	Kizanye 5l/min 20
SP	-02 05' 32.04243"	30 27' 47.01438"	1344.039	2008/12/30	Rwarumba 6.9l/min 04
SP	-02 15' 02.37790"	30 30' 41.05087"	1377.444	2009/1/30	Samuko SP2/Shyagashya/Muzingira
SP	-02 12' 54.23345"	30 23' 40.21883"	1339.953	2009/1/20	Kiriko SP/Nyarurembo/Rukoma/no facility
SP	-02 14' 22.42851"	30 23' 59.45287"	1343.558	2009/1/20	Kizanye SP/Kizanye/Gafunzo
SP	-02 12' 19.07734"	30 28' 27.16082"	1342.597	2009/1/22	Gatashya SP/Gahondo/Birenga/118sec(12L)
SP	-02 10' 04.92508"	30 33' 40.37306"	1488.235	2009/1/2	Nyamuganda 162l/min 01
SP	-02 10' 25.20077"	30 34' 47.79818"	1386.817	2009/1/15	Rubirizi 52.9 l/min 39
SP	-02 09' 23.83749"	30 27' 22.87210"	1424.308	2009/1/5	Nyakabingo 10.3l/min 13
SP	-02 05' 38.01946"	30 24' 18.27684"	1340.434	2009/1/16	Kavumu 21
SP	-02 14' 23.52476"	30 32' 52.68383"	1350.287	2009/1/21	Kavumu 24.3 l/min 21.7 ms/m 22.3
SP	-02 15' 26.95924"	30 29' 02.09998"	1329.379	2009/1/30	Musenye SP/Musenye/Mutenderi/30sec(12L)
SP	-02 06' 27.67128"	30 24' 21.01730"	1339.953	2009/1/16	Kabakebura 20

4.12 Donnée de localisation de l'ouvrage du district Ngoma (6/8)

Name	Latitude	Longitude	Alti	Date	Comments
SP	-02 13' 25.41916"	30 28' 48.02945"	1343.798	2009/1/22	Karisizo SP2(Dry)/Karisizo/Birenga/pipe under ground was broken
SP	-02 13' 29.12373"	30 28' 57.05868"	1347.163	2009/1/22	Kareisizo SP1/karisizo/Birenga/35sec(12L)
SP	-02 05' 50.21795"	30 31' 28.30771"	1382.972	2008/12/30	Gitobe 62.3l/min 22
SP	-02 06' 04.87870"	30 25' 34.97074"	1338.511	2009/1/12	Kabitende 14.8l/min 15
SP	-02 05' 50.47172"	30 25' 24.32114"	1337.069	2009/1/12	Kabebwa 14.8l/min 14
SP	-02 10' 29.67208"	30 34' 38.64767"	1381.53	2009/1/15	Nyagataba 27 l/min 40
SP	-02 07' 01.00362"	30 24' 09.41569"	1362.544	2009/1/16	Kawusega 5.4 l/min 22
SP	-02 11' 54.06872"	30 34' 49.83467"	1475.017	2009/1/15	Rwanyakagezi 60 l/min 36
SP	-02 05' 56.19679"	30 25' 33.73147"	1347.403	2009/1/5	not usable 19
SP	-02 06' 08.56516"	30 27' 15.65035"	1341.155	2009/1/5	13.5l/min 23
SP	-02 10' 35.08062"	30 26' 20.19743"	1351.729	2009/1/5	Kamuhabura 23.1l/min 10
SP	-02 10' 03.42086"	30 29' 21.62101"	1392.585	2008/12/31	Kabukware 20.9l/min 08
SP	-02 13' 01.62750"	30 24' 30.45118"	1413.253	2009/1/20	Nyakagezi SP/Nyakagerzi/gafunzo/(broken Tank1970)
SP	-02 07' 03.49275"	30 34' 49.53533"	1485.832	2009/1/2	Gasebeya 44.7l/min 03
SP	-02 03' 54.99347"	30 32' 11.42938"	1406.524	2008/12/29	Gacaca 72l/min 13
SP	-02 12' 44.14751"	30 33' 29.95582"	1359.42	2009/1/21	Nyakagezi2 16.5 l/min 32.8 ms/m 22.4
SP	-02 07' 09.40400"	30 31' 31.60099"	1383.693	2008/12/30	7.5l/min 21
SP	-02 12' 25.47682"	30 27' 26.92789"	1333.945	2008/12/31	notusable 21
SP	-02 07' 11.63754"	30 29' 27.73806"	1377.204	2008/12/30	Gafubo 19.7l/min 02
SP	-02 07' 12.87049"	30 22' 32.09275"	1338.271	2009/1/16	Nyakagezi 40.5 l/min 08
SP	-02 10' 45.24079"	30 28' 13.74600"	1408.927	2008/12/31	Karuhora 34.1l/min 17
SP	-02 15' 32.40278"	30 25' 37.02688"	1353.652	2009/1/23	Akaniga SP/Kigoma/Kigoma/11sec(12L)
SP	-02 10' 46.34036"	30 26' 28.65120"	1351.249	2008/12/31	Gasetza 128.5l/min 23
SP	-02 07' 19.01107"	30 28' 27.50300"	1365.428	2008/12/30	Kabashumba 9.1l/min 03
SP	-02 07' 20.70267"	30 25' 14.38608"	1378.886	2009/1/12	Kabaromba 39.6l/min 07
SP	-02 10' 47.21272"	30 30' 42.57590"	1544.472	2009/1/21	Nyakagezi SP/Kabimba/Karama/3min 9sec(12L)
SP	-02 07' 22.86017"	30 23' 35.25504"	1356.055	2009/1/16	Gishandaro 31.3 l/min 23
SP	-02 07' 24.30223"	30 25' 54.93382"	1370.715	2009/1/12	Gahama 5.9l/min 04
SP	-02 07' 30.22525"	30 30' 44.50619"	1401.958	2008/12/30	Mashoza 14.7l/min 01
SP	-02 07' 31.52730"	30 25' 56.35747"	1386.096	2009/1/12	Kanzezi 21.9l/min 03
SP	-02 05' 57.45358"	30 24' 26.56980"	1338.271	2009/1/12	Akabeza little 13
SP	-02 07' 38.91440"	30 28' 44.37678"	1349.807	2008/12/31	Ryabudakiranyo 32.7l/min 14
SP	-02 14' 54.40600"	30 30' 40.77716"	1384.895	2009/1/30	Samuko SP/Shyagashya/Muzingira/33sec(12L)
SP	-02 07' 47.57247"	30 37' 28.48800"	1487.514	2009/9/29	New source
SP	-02 10' 55.22052"	30 27' 01.78592"	1357.978	2009/1/5	Budihidhihi 60.7l/min 11
SP	-02 07' 54.83526"	30 26' 21.34950"	1383.693	2009/1/12	Kizanyi 22l/min 02
SP	-02 15' 03.13861"	30 32' 52.32174"	1341.635	2009/1/21	
SP	-02 06' 32.73220"	30 34' 36.34741"	1463.482	2009/1/2	Nyakagezi 51.6l/min 04
SP	-02 06' 48.07672"	30 24' 46.72962"	1355.574	2009/1/12	Gakindo 2.7l/min 09
SP	-02 14' 58.20140"	30 30' 39.75880"	1380.088	2009/1/30	Samuko SP3/not used
SP	-02 11' 02.28717"	30 27' 04.80823"	1358.218	2008/12/31	Cyerwa 68.8l/min 24
SP	-02 12' 44.97913"	30 34' 20.58438"	1429.595	2009/1/21	Mbonyi 19 l/min 14.03 ms/m 23.2
SP	-02 08' 13.14143"	30 35' 48.88295"	1412.532	2009/1/15	Gasagare noprotect 44
SP	-02 11' 08.30071"	30 28' 40.99721"	1361.342	2008/12/31	Kantuyenabo 25.3l/min 18
SP	-02 08' 19.87073"	30 24' 48.35938"	1372.638	2009/1/16	Cyizanye Kimarama 34
SP	-02 08' 29.67363"	30 29' 50.04359"	1367.11	2008/12/31	Karuhura 107.7l/min 05
SP	-02 10' 08.51890"	30 26' 04.30825"	1378.646	2009/1/13	Nyakagazi 3.3 l/min 18
SP	-02 08' 30.14044"	30 39' 00.22770"	1672.567	2009/1/15	Kanyabishambi 35.8 l/min 18
SP	-02 08' 32.26505"	30 30' 21.05489"	1393.786	2008/12/31	Kwamuhire 43.5l/min 03
SP	-02 08' 49.91613"	30 35' 30.88784"	1406.524	2009/1/15	Kanshobone 17.9 l/min 43
SP	-02 10' 08.54968"	30 26' 18.25868"	1362.544	2009/1/13	Idunda 13.5 l/min 17
SP	-02 09' 01.02319"	30 28' 52.64922"	1365.668	2008/12/31	Nyakabingo 40.5l/min 10
SP	-02 09' 05.87108"	30 24' 53.57599"	1346.923	2009/1/13	Rwibumba 08
SP	-02 11' 31.92611"	30 33' 56.50214"	1376.964	2009/1/15	kinganzo 46.2 l/min 38
SP	-02 09' 07.20783"	30 28' 51.66854"	1370.715	2008/12/31	Rutabago 12l/min 09
SP	-02 09' 07.24494"	30 25' 13.96362"	1354.133	2009/1/13	Gashyununu2 6.7l/min 12
SP	-02 09' 07.38526"	30 25' 14.55866"	1355.574	2009/1/13	Gashyununu 24.5l/min 11
SP	-02 09' 10.61849"	30 31' 53.04536"	1445.697	2008/12/30	Source of Kibungo + pump 26
SP	-02 09' 11.93321"	30 25' 31.95660"	1380.809	2009/1/13	Kabakobe 21l/min 10
SP	-02 15' 54.02940"	30 21' 24.66220"	1330.821	2009/1/23	Kaberanya SP/Umuka/Ihanika
SP	-02 11' 36.97799"	30 24' 09.70841"	1351.969	2009/1/13	Kinugwe 11.6 l/min 41
SP	-02 11' 39.48944"	30 29' 15.56822"	1375.041	2009/1/22	Kafurebe SP/Murusenyi/Birenga/14sec(12L)
SP	-02 09' 15.21804"	30 35' 18.84750"	1398.593	2009/1/15	Kumugano 4.9 l/min 42
SP	-02 11' 47.01203"	30 32' 24.15440"	1408.687	2009/1/21	Kabashima 65 l/min 13.05 ms/m 21.9
SP	-02 12' 47.50627"	30 34' 25.37465"	1431.518	2009/1/21	Mbonyi 40 l/min
SP	-02 11' 51.33277"	30 29' 29.36447"	1381.29	2009/1/22	Kamugurusj SP/Murusenyi/Birenga/21sec(12L)
SP	-02 09' 22.47208"	30 31' 56.27374"	1439.449	2008/12/30	Gahaya 26.1l/min 27
Tank	-02 16' 31.98846"	30 22' 27.71227"	1429.595	2009/1/23	Auterimberu/Jarama
Tank	-02 16' 37.80919"	30 23' 12.42956"	1424.789	2009/1/23	Ibairi/Kibimba
Tank	-02 15' 05.24904"	30 34' 24.48386"	1492.081	2009/1/21	Small
Tank	-02 16' 41.07863"	30 24' 27.61837"	1444.976	2009/1/23	Remera/Kigoma
Tank	-02 16' 42.67156"	30 22' 48.39532"	1436.805	2009/1/23	Abiyunze/Jarama

4.12 Donnée de localisation de l'ouvrage du district Ngoma (7/8)

Name	Latitude	Longitude	Alti	Date	Comments
Tank	-02 16' 44.64439"	30 23' 51.35485"	1453.388	2009/1/23	Urukomo/Kibimba
Tank	-02 16' 47.15373"	30 22' 51.66235"	1429.595	2009/1/23	Rain water Tank/Aufatanye/Jarama
Tank	-02 16' 47.87129"	30 22' 52.34851"	1428.394	2009/1/23	Aufatanye/Jarama
Tank	-02 10' 41.95686"	30 29' 48.80281"	1498.329	2009/1/21	Umukamba/Umukamba/5m3
Tank	-02 16' 51.36524"	30 24' 00.65653"	1452.186	2009/1/23	Akaziba/Kibimba
Tank	-02 14' 08.08550"	30 29' 45.38310"	1452.907	2009/1/22	Kibimba/Kinyonza/not use/The economat enterprise is repairing P.S Tank BF pipeline from feb 2008.
Tank	-02 16' 18.91520"	30 29' 25.63728"	1543.271	2009/1/30	Rain water Tank/JICA/MINITRAPE/1988/not func/not used
Tank	-02 14' 13.35252"	30 25' 06.24702"	1526.688	2009/1/20	Cyanika/Gafunzo/10m3
Tank	-02 13' 05.24395"	30 23' 08.33968"	1410.369	2009/1/20	Nyarurenbo/Rukoma/20m3
Tank	-02 09' 55.01867"	30 36' 00.91606"	1596.143	2009/1/15	Tank small 07
Tank	-02 17' 45.48051"	30 27' 09.27954"	1482.227	2009/1/30	Rwakaba/Kibare/50m3/not used from 1998
Tank	-02 14' 46.16012"	30 25' 22.42736"	1488.476	2009/1/20	Kabare/Kibonde/20m3
Tank	-02 14' 21.57999"	30 20' 57.36181"	1355.334	2009/1/23	Nyarurenbo/Karenge/water from SAKE sec
Tank	-02 14' 21.77039"	30 30' 02.02874"	1587.25	2009/1/22	Kibimba/Kinyowzo/repair inside at 2001 by gov/pipe is not connected/30m3
Tank	-02 14' 22.05977"	30 34' 08.14116"	1536.781	2009/1/21	Tank small
Tank	-02 09' 33.99917"	30 29' 52.97478"	1512.268	2008/12/31	from kazo 07
Tank	-02 10' 16.90630"	30 19' 36.43349"	1383.693	2009/1/19	Small 05
Tank	-02 13' 22.55165"	30 34' 12.62726"	1546.154	2009/1/21	Small
Tank	-02 13' 23.49250"	30 25' 04.70932"	1563.698	2009/1/20	old Tank (1970) use for private company
Tank	-02 10' 20.47870"	30 28' 19.94693"	1501.934	2008/12/31	from pump 15
Tank	-02 13' 23.71458"	30 25' 04.80346"	1564.179	2009/1/20	Nyagasani/Kibowde/100m3(rukumberi/sake/jarama)
Tank	-02 10' 21.98835"	30 31' 10.73568"	1671.125	2009/1/21	Kabimba/Karama/25m3
Tank	-02 09' 23.20291"	30 36' 24.05052"	1583.646	2009/1/15	Tank small 09
Tank	-02 14' 50.42142"	30 33' 53.37752"	1527.649	2009/1/21	Small
Tank	-02 16' 23.64119"	30 29' 18.81866"	1540.386	2009/1/30	Rain Tank/JICA/MINITRAPE 1988/used
Tank	-02 16' 09.39353"	30 21' 54.57092"	1432.72	2009/1/23	Kabeza/Jarama
Tank	-02 10' 28.19502"	30 35' 44.20705"	1568.505	2009/1/15	Tank small 05
Tank	-02 12' 10.99591"	30 35' 17.00923"	1600.709	2009/1/21	Small
Tank	-02 10' 29.38270"	30 19' 34.78804"	1383.452	2009/1/19	rain water Tank
Tank	-02 13' 00.82485"	30 23' 08.49869"	1400.276	2009/1/20	Tank and BF/H.C/Sangano/Rukoma/10m3
Tank	-02 10' 31.01848"	30 19' 36.66101"	1386.577	2009/1/19	Centre de Sante/20m3
Tank	-02 05' 21.57900"	30 27' 07.73910"	1369.033	2009/1/5	Tank small 22
Tank	-02 10' 34.20223"	30 19' 41.48656"	1391.624	2009/1/19	Small 17
Tank	-02 10' 34.39384"	30 19' 41.61904"	1383.452	2009/1/19	Rwimpongo/Rwintasha
Tank	-02 13' 49.48421"	30 23' 40.27553"	1415.897	2009/1/20	rain water Tank at school
Tank	-02 13' 49.95101"	30 23' 33.12380"	1427.673	2009/1/20	Mabuga1/Gafunzo/20m3
Tank	-02 10' 11.51707"	30 22' 27.22012"	1417.579	2009/1/13	from Gisuma 32
Tank	-02 14' 53.50921"	30 21' 30.11692"	1371.677	2009/1/23	Rusenya/Karenge
Tank	-02 13' 57.42895"	30 25' 05.81642"	1557.69	2009/1/20	Nyagasani/Kibonde/5m3
Tank	-02 10' 44.10380"	30 29' 21.38140"	1463.241	2009/1/21	Kabaya/Umukamba/5m3
Tank	-02 10' 44.98038"	30 29' 20.07575"	1459.636	2009/1/21	Kabaya/Umukamuba/5m3
Tank	-02 09' 58.34817"	30 25' 51.18010"	1442.093	2009/1/13	Tank 19
Tank	-02 10' 46.82376"	30 30' 42.97846"	1544.232	2009/1/21	Kabimba/Karama
Tank	-02 12' 27.66269"	30 35' 00.40855"	1556.969	2009/1/21	Small
Tank	-02 09' 42.93274"	30 38' 07.58497"	1609.841	2009/1/15	Tank small 23
Tank	-02 05' 00.20796"	30 32' 15.51476"	1584.607	2008/12/29	from mainTank 02
Tank	-02 12' 38.42002"	30 29' 08.30483"	1490.398	2009/1/22	Rain Tank
Tank	-02 16' 13.74535"	30 25' 02.63960"	1459.636	2009/1/23	Remera/Kigoma
Tank	-02 12' 38.50119"	30 29' 10.14338"	1489.677	2009/1/22	Rain Tank/Murinja primary school/Rusebeyi/Birenga/
Tank	-02 11' 00.61276"	30 29' 03.17663"	1388.019	2009/1/21	Kabaya/Umukamba/not use
Tank	-02 16' 14.08843"	30 29' 27.12127"	1550.961	2009/1/30	Akarimbu/Mutenderi/not used
Tank	-02 11' 56.28959"	30 25' 14.28319"	1339.953	2009/1/20	PomPstation/BUKOKOZA/NKANGA/30m3
Tank	-02 11' 04.47545"	30 31' 01.40138"	1654.542	2009/1/21	Rango/Karama/30m3
Tank	-02 11' 04.95885"	30 20' 00.48466"	1371.196	2009/1/19	Ntovi/Ntovi
Tank	-02 11' 05.01286"	30 20' 00.46262"	1373.839	2009/1/19	Small 20
Tank	-02 11' 06.62722"	30 20' 47.88028"	1387.538	2009/1/19	Rugenda2/Rubona/reaking/no bulb box
Tank	-02 09' 53.58899"	30 19' 03.37451"	1390.662	2009/1/19	Rwintashy/Shyembi/20m3 not func
Tank	-02 11' 09.62117"	30 21' 09.81558"	1392.344	2009/1/19	Akabungo/Rubago
Tank	-02 11' 09.69087"	30 21' 09.85000"	1390.422	2009/1/19	small 26
Tank	-02 09' 53.71482"	30 19' 03.34855"	1400.756	2009/1/19	Small 03
Tank	-02 10' 01.10072"	30 37' 13.38521"	1538.224	2009/1/15	Tank small nowater 32
Tank	-02 15' 40.19634"	30 21' 48.81899"	1392.344	2009/1/23	Umuka/Ihanika
Tank	-02 08' 33.55020"	30 37' 28.66210"	1647.092	2009/1/15	Tank small 15
Tank	-02 12' 58.65527"	30 23' 06.43988"	1399.795	2009/1/20	H.C/no func
Tank	-02 11' 19.09335"	30 22' 15.69752"	1394.507	2009/1/19	small 33
Tank	-02 11' 19.23729"	30 22' 15.73165"	1393.065	2009/1/19	Rubago/Rubago/5m3
Tank	-02 11' 19.48774"	30 25' 29.58452"	1440.65	2009/1/13	from Gisuma nouse 26
Tank	-02 08' 46.23087"	30 26' 09.10363"	1530.533	2009/1/13	Steel Tank 05
Tank	-02 10' 09.99445"	30 28' 57.31968"	1396.43	2008/12/31	from kazo(Kamfonyogo) +pump12
Tank	-02 14' 59.90054"	30 25' 42.28907"	1458.675	2009/1/20	KABARE/Kibonde/30m3

4.12 Donnée de localisation de l'ouvrage du district Ngoma (8/8)

Name	Latitude	Longitude	Alti	Date	Comments
Tank	-02 11' 27.32385"	30 31' 52.27831"	1647.092	2009/1/21	Gahurire/Mpandu
Tank	-02 08' 58.66985"	30 26' 59.86316"	1542.55	2009/1/5	Tank small 06
Tank	-02 11' 27.36850"	30 24' 14.98266"	1396.671	2009/1/13	from Gisuma 28
Tank	-02 16' 17.84581"	30 29' 25.81318"	1543.511	2009/1/30	Rain water Tank/JICA/MINITRAPE/1988/not func/not used
Tank	-02 15' 51.33237"	30 21' 52.13761"	1414.455	2009/1/23	Kabeza/Jarama
Tank	-02 09' 07.56812"	30 26' 03.39032"	1506.5	2009/1/13	Tank 06
Tank	-02 11' 32.93335"	30 30' 46.09278"	1539.906	2009/1/22	25m3/Rebero/Gahurire/constructed by UNDP
Tank	-02 11' 33.63401"	30 30' 34.17944"	1626.664	2009/1/21	Rain water Tank/Kazo primary school
Tank	-02 09' 13.79983"	30 37' 16.47026"	1632.913	2009/1/15	Tank small 13
Tank	-02 11' 43.29238"	30 35' 24.38909"	1593.739	2009/1/15	Tank small 03
Tank	-02 04' 35.62059"	30 28' 02.62265"	1541.107	2008/12/30	Usugarika from Remera nowater 09
WS	-02 10' 12.95219"	30 30' 58.15426"	1546.875	2009/1/22	SP Ruwamugende1/Kabimba/Karama
WS	-02 10' 42.08390"	30 29' 50.17697"	1499.05	2009/1/21	water capture Tank/Umukamba/Umukamba
WS	-02 11' 57.47335"	30 25' 21.76806"	1345.961	2009/1/20	Rwahita SP/Bukokoza/Nkanga/cemented
WS	-02 10' 13.20415"	30 30' 53.42710"	1520.199	2009/1/21	SP Ruwamugende2/Kabimba/karama
WS	-02 14' 08.11507"	30 29' 46.77839"	1456.993	2009/1/22	Fagoma SP(cemented)/Kibimba/Kinyonzo
WS	-02 14' 08.35224"	30 29' 44.35264"	1453.147	2009/1/22	Pump station/Generatotr/Economat brought pumps 2008/Econodro brought a generator at 1982./pipe is not connected
WS	-02 10' 13.20415"	30 30' 53.42710"	1520.199	2009/1/22	SP Ruwamugende2/Kabimba/karama
WS	-02 10' 12.95219"	30 30' 58.15426"	1546.875	2009/1/21	SP Ruwamugende1/Kabimba/Karama
WS	-02 06' 06.83645"	30 26' 36.19554"	1389.461	2009/1/5	Nyarovomo small source 17
WS	-02 09' 32.59333"	30 38' 48.02230"	1641.084	2009/1/15	Nyakayanja 1 53 l/min 2000 24
WS	-02 09' 33.91589"	30 38' 48.72685"	1644.208	2009/1/15	Nyakayanja 2 71.6/min 2000 25
WS	-02 11' 56.01530"	30 25' 27.13616"	1348.845	2009/1/20	Gaseta SP/Bukokoza/Nkanga/cemented
WS	-02 07' 27.80251"	30 39' 07.10363"	1680.257	2009/1/15	Gasovo 76.4 l/min gravity 1976 19
WS	-02 08' 13.47819"	30 27' 22.34707"	1380.569	2009/1/5	Rwarutene 15
WS	-02 11' 32.86576"	30 30' 45.22406"	1543.511	2009/1/21	SP Nyamuhinali/Reboko/Gahuriro/cemented
WS	-02 11' 50.57840"	30 24' 50.62338"	1357.016	2009/1/13	Gisuma 270 l/min 27

4.13 Donnée de localisation de l'ouvrage du district Kirehe (1/7)

Name	Latitude	Longitude	Alti	Date	Comments
BF	-02 23' 01.32129"	30 46' 48.17356"	1351.008	2009/1/29	Hotel
BF	-02 07' 06.78573"	30 40' 39.88074"	1419.021	2008/12/18	18-dec-08 .26
BF	-02 05' 27.39580"	30 46' 37.22131"	1324.572	2008/12/17	Kabuye I 03
BF	-02 23' 02.19696"	30 46' 43.72489"	1329.859	2008/12/11	from gashanga 1 25
BF	-02 08' 15.57202"	30 51' 05.16038"	1356.295	2008/12/18	nowater 10
BF	-02 23' 17.32120"	30 39' 08.90024"	1387.778	2008/12/15	Nyamirambo II 19
BF	-02 23' 17.99923"	30 39' 02.75576"	1379.848	2008/12/15	Gatoni 21
BF	-02 11' 48.36296"	30 49' 33.57278"	1354.133	2009/1/27	Saruhembe Nyagahanga
BF	-02 11' 16.45879"	30 50' 00.72413"	1328.177	2009/1/28	Rubaya Akinzuki
BF	-02 07' 38.00433"	30 40' 18.82535"	1636.758	2008/12/18	18-dec-08 .32
BF	-02 06' 21.99750"	30 41' 22.28003"	1366.149	2008/12/18	18-dec-08 .02
BF	-02 07' 10.88076"	30 43' 45.29615"	1370.235	2008/12/17	17-dec-08 .49
BF	-02 03' 16.50273"	30 49' 17.53334"	1323.611	2008/12/17	Ngugu II 12
BF	-02 05' 31.32547"	30 50' 55.51138"	1354.854	2008/12/18	Nibanda 16
BF	-02 05' 45.75961"	30 51' 07.93678"	1392.585	2008/12/18	for school 19
BF	-02 10' 07.20328"	30 46' 11.67467"	1723.757	2009/1/27	Remera/Nyarutunga/30F
BF	-02 06' 30.97301"	30 42' 25.86236"	1310.393	2008/12/17	17-dec-08 .40
BF	-02 11' 58.41662"	30 49' 57.98032"	1318.564	2009/1/27	Saruhembe Rushonga
BF	-02 06' 10.87686"	30 41' 26.91701"	1333.705	2008/12/18	18-dec-08 .06
BF	-02 11' 28.96264"	30 49' 58.47186"	1333.705	2009/1/28	Rubaya Mumpinga
BF	-02 06' 59.19162"	30 44' 07.46923"	1332.503	2008/12/17	17-dec-08 .44
BF	-02 05' 30.86953"	30 41' 46.00050"	1313.277	2008/12/18	18-dec-08 .23
BF	-02 12' 18.65398"	30 49' 44.31745"	1336.108	2009/1/27	saruhembe Nyamiyumbu
BF	-02 03' 14.84251"	30 47' 53.49397"	1301.501	2008/12/18	Military 04
BF	-02 04' 07.14639"	30 44' 16.09505"	1316.401	2008/12/18	18-dec-08 .15
BF	-02 21' 32.06408"	30 39' 14.66726"	1555.527	2008/12/15	Nyamikoni 34
BF	-02 07' 00.18196"	30 41' 29.78002"	1454.589	2008/12/17	17-dec-08 .36
BF	-02 05' 21.77815"	30 47' 43.99976"	1328.898	2008/12/17	Kayauga nowater 18
BF	-02 03' 41.09191"	30 47' 03.77336"	1324.092	2008/12/18	Military nowater 02
BF	-02 12' 43.25463"	30 49' 31.21403"	1314.238	2009/1/27	Saruhembe Nyakagera
BF	-02 21' 33.30155"	30 41' 00.77201"	1422.626	2008/12/15	Gasemi 03
BF	-02 03' 06.74026"	30 49' 17.80342"	1305.827	2008/12/17	Gitoma 14
BF	-02 21' 30.08340"	30 31' 12.49730"	1540.627	2008/12/8	08-dec-08 10:24:33pm
BF	-02 04' 14.97103"	30 43' 12.17986"	1356.295	2008/12/18	18-dec-08 .10
BF	-02 06' 38.21165"	30 43' 49.74002"	1315.44	2008/12/17	17-dec-08 .46
BF	-02 06' 40.51007"	30 50' 37.10292"	1322.89	2008/12/18	Nyawera 14
BF	-02 21' 44.21247"	30 36' 48.41701"	1374.08	2008/12/11	BF111208
BF	-02 09' 55.53014"	30 46' 03.68195"	1722.315	2009/1/27	school taps/Remera/Nyarutunga
BF	-02 13' 10.48080"	30 34' 52.29271"	1564.179	2008/12/17	16-dec-08 .15
BF	-02 13' 12.24542"	30 49' 30.72821"	1330.1	2009/1/27	Sanihembe Kanombe
BF	-02 04' 21.99905"	30 43' 14.21728"	1357.257	2008/12/18	18-dec-08 .11
BF	-02 13' 17.85976"	30 35' 23.80553"	1564.66	2009/1/21	Rwanyamuhanga Rutoma
BF	-02 21' 51.37689"	30 40' 42.83184"	1394.027	2008/12/15	Gafari 11
BF	-02 09' 44.20461"	30 45' 29.66375"	1716.547	2009/1/27	Rutunga/Nyarutunga
BF	-02 10' 15.40782"	30 50' 25.55592"	1349.566	2009/1/28	Rubaya Murambe
BF	-02 05' 26.91361"	30 50' 42.52294"	1356.055	2008/12/18	Pilote 15
BF	-02 09' 50.30657"	30 45' 43.85740"	1719.911	2009/1/27	Bugarura/Nyarutunga
BF	-02 13' 35.39074"	30 48' 46.59174"	1329.138	2009/1/27	Kamombo
BF	-02 06' 10.93419"	30 41' 34.09681"	1336.348	2008/12/18	18-dec-08 .20
BF	-02 06' 44.40112"	30 43' 11.92127"	1314.479	2008/12/17	17-dec-08 .51
BF	-02 06' 46.25567"	30 40' 32.82434"	1415.176	2008/12/18	18-dec-08 .28
BF	-02 05' 38.73250"	30 41' 26.68376"	1320.006	2008/12/18	18-dec-08 .22
BF	-02 21' 10.62847"	30 39' 35.82497"	1607.919	2008/12/15	36
BF	-02 21' 20.42805"	30 45' 46.27530"	1480.304	2008/12/11	no supply 22
BF	-02 07' 16.32792"	30 41' 58.19564"	1490.638	2008/12/17	17-dec-08 .29
BF	-02 20' 59.60710"	30 35' 40.99582"	1380.809	2008/12/11	11-dec-08 .16
BF	-02 21' 01.30927"	30 42' 11.35159"	1353.892	2008/12/11	Nyarutojo 05
BF	-02 14' 12.81842"	30 49' 19.07436"	1328.417	2009/1/27	Saruhembe Muride
BF	-02 21' 24.73611"	30 36' 21.69990"	1414.695	2008/12/11	2008/12/11 12:05
BF	-02 14' 13.37485"	30 35' 35.96870"	1531.254	2008/12/17	16-dec-08 .13
BF	-02 06' 18.09710"	30 41' 38.32944"	1336.589	2008/12/17	17-dec-08 .52
BF	-02 14' 15.89324"	30 49' 10.06025"	1328.898	2009/1/27	Kamombo Kigonge
BF	-02 14' 16.58364"	30 49' 55.58686"	1353.171	2009/1/27	Saruhemba Gisenyi
BF	-02 14' 16.93819"	30 48' 22.56804"	1344.039	2009/1/27	Kamonbo Kamonbo
BF	-02 14' 17.70132"	30 48' 30.94578"	1340.194	2009/1/27	Kamonbo Kamafo
BF	-02 14' 17.70192"	30 49' 48.55127"	1356.536	2009/1/27	Saruhembe Gisenyi
BF	-02 14' 17.70343"	30 49' 40.40530"	1354.854	2009/1/27	Saruhembe Karebezo
BF	-02 14' 17.82896"	30 49' 35.71763"	1350.768	2009/1/27	Saruhembe Karebezo
BF	-02 08' 16.57775"	30 42' 20.43875"	1588.212	2008/12/17	17-dec-08 .25
BF	-02 05' 15.24288"	30 47' 50.76647"	1327.216	2008/12/17	Mishenyi nowater 17
BF	-02 14' 20.45537"	30 49' 02.37983"	1326.495	2009/1/27	Kamombo Rumori
BF	-02 07' 20.91510"	30 41' 19.07639"	1509.865	2008/12/17	17-dec-08 .34
BF	-02 21' 07.01050"	30 41' 00.31758"	1516.594	2008/12/15	Ruhandagaza no water 02
BF	-02 21' 07.14327"	30 45' 32.25424"	1515.633	2008/12/11	Rama 21
BF	-02 04' 38.87042"	30 43' 57.54230"	1301.02	2008/12/18	18-dec-08 .17
BF	-02 14' 22.63460"	30 47' 39.29762"	1389.941	2009/1/29	Gasetza/Kazizi/used/free
BF	-02 14' 25.18468"	30 48' 57.70606"	1326.495	2009/1/27	Kamombo Rumori
BF	-02 14' 25.64635"	30 48' 20.05236"	1346.202	2009/1/27	Kamonbo Amahoro

4.13 Donnée de localisation de l'ouvrage du district Kirehe (2/7)

Name	Latitude	Longitude	Alti	Date	Comments
BF	-02 05' 15.39798"	30 47' 44.67264"	1324.332	2008/12/17	Mishenyi 16
BF	-02 05' 59.13100"	30 41' 21.74744"	1328.417	2008/12/18	18-dec-08 .21
BF	-02 10' 13.89515"	30 50' 20.68177"	1353.411	2009/1/28	Rubaya Muramba
BF	-02 14' 32.38229"	30 48' 20.64953"	1349.807	2009/1/27	Kamonbo Umubano
BF	-02 14' 33.73804"	30 48' 44.52145"	1337.069	2009/1/27	Kamonbo Terimbere
BF	-02 14' 37.30984"	30 48' 36.40504"	1343.558	2009/1/27	Kamombo Terimbero
BF	-02 14' 37.49240"	30 48' 24.28981"	1350.528	2009/1/27	Kamonbo Umabano 2000Rwf/y/F
BF	-02 10' 13.68725"	30 46' 16.94140"	1738.417	2009/1/27	Remera/Nyarutunga/30F
BF	-02 05' 34.08527"	30 46' 43.66934"	1334.426	2008/12/17	Mpanga 02
BF	-02 21' 10.20783"	30 46' 33.79948"	1380.569	2009/1/29	Mataba/Kagasa/once repaired by AGRO/not used/2007 water stopped
BF	-02 06' 17.17586"	30 45' 49.03387"	1320.006	2008/12/17	Rurawbi I 05
BF	-02 06' 17.23168"	30 45' 49.19260"	1312.796	2008/12/17	17-dec-08.42
BF	-02 07' 20.96308"	30 40' 15.51788"	1616.57	2008/12/18	18-dec-08 .34
BF	-02 14' 59.50012"	30 46' 24.44858"	1410.369	2009/1/29	Kazizi A/Kazizi/not used
BF	-02 06' 20.36232"	30 41' 26.78060"	1353.411	2008/12/18	18-dec-08 .04
BF	-02 06' 00.24566"	30 42' 00.98532"	1319.766	2008/12/18	18-dec-08 .18
BF	-02 21' 29.46572"	30 41' 12.39868"	1395.949	2008/12/15	no water 05
BF	-02 15' 04.05502"	30 47' 26.10276"	1353.411	2009/1/29	Mucyo/Kazizi/not used
BF	-02 15' 10.83561"	30 48' 17.95882"	1347.163	2009/1/27	Kamonbo Kigufi
BF	-02 15' 10.86729"	30 48' 23.65373"	1348.124	2009/1/27	
BF	-02 15' 13.16149"	30 48' 06.69848"	1344.519	2009/1/27	Kamonbo Bwiza
BF	-02 15' 13.59812"	30 48' 03.32100"	1345.961	2009/1/27	Kamonbo Bwiza
BF	-02 15' 15.16449"	30 46' 54.91250"	1397.151	2009/1/29	Nyenyeri/Kazizi/1966/not used
BF	-02 15' 15.25321"	30 36' 47.99970"	1567.543	2008/12/12	08/Dec/2012 .9
BF	-02 09' 29.70559"	30 50' 53.87982"	1313.998	2009/1/28	Rubaya Byimana 2000Rwf/Y/F
BF	-02 21' 29.96149"	30 39' 14.62414"	1561.055	2008/12/15	from Nyakagera
BF	-02 10' 13.89847"	30 50' 30.96899"	1352.931	2009/1/28	Rubaya Murambi
BF	-02 15' 31.17014"	30 47' 23.95432"	1344.519	2009/1/29	Gasetsa/kazizi/not used
BF	-02 05' 26.35628"	30 41' 15.26320"	1329.138	2008/12/18	18-dec-08 .24
BF	-02 15' 33.65655"	30 48' 43.12526"	1324.092	2009/1/27	Mwoga Cyanika
BF	-02 15' 34.05998"	30 46' 28.35170"	1358.458	2009/1/29	Gashanga/Kazizi/not used
BF	-02 03' 11.48405"	30 49' 24.25451"	1319.525	2008/12/17	Nushongi 13
BF	-02 04' 49.81393"	30 50' 54.10856"	1327.456	2008/12/18	Busasamana1 22
BF	-02 21' 03.11583"	30 46' 42.98498"	1388.499	2009/1/29	Mataba/Kagasa/once repaired by AGRO/not used/2007 water stopped
BF	-02 15' 47.51948"	30 37' 55.36866"	1555.767	2008/12/12	12-dec-08 .13
BF	-02 08' 10.60041"	30 42' 33.21299"	1562.977	2008/12/17	17-dec-08 .21
BF	-02 04' 50.76203"	30 50' 48.28088"	1342.597	2008/12/18	Busasamama2 20
BF	-02 15' 53.25662"	30 41' 32.72568"	1664.396	2008/12/16	28
BF	-02 22' 13.42263"	30 37' 52.26125"	1384.173	2008/12/11	2008/12/11 12:56
BF	-02 15' 59.52183"	30 37' 40.56971"	1548.798	2008/12/12	12-dec-08 .12
BF	-02 07' 54.31323"	30 51' 04.48358"	1340.194	2008/12/18	Gasasa 11
BF	-02 16' 03.55107"	30 46' 53.48464"	1371.677	2009/1/29	Ururembo/Kazizi/not used
BF	-02 16' 03.62379"	30 39' 31.74412"	1577.397	2008/12/12	12-dec-08 .14
BF	-02 16' 06.21702"	30 37' 30.55861"	1566.823	2008/12/12	12-dec-08 .11
BF	-02 16' 07.55497"	30 46' 48.37994"	1376.964	2009/1/29	Jyambere/Kazizi/not used
BF	-02 09' 40.92491"	30 45' 14.39345"	1734.812	2009/1/27	Rutunga/Nyarutunga
BF	-02 16' 11.33166"	30 44' 08.24716"	1477.661	2008/12/16	Ruhama 06
BF	-02 16' 11.35851"	30 44' 08.20460"	1471.893	2009/1/29	Ruhama/Gatana/Kigina sec/free/repaird by people/collected 40000FRW
BF	-02 22' 14.81339"	30 38' 20.46296"	1357.257	2008/12/15	Kigenge 29
BF	-02 22' 17.40722"	30 39' 56.74730"	1415.176	2008/12/15	Kabugo 15
BF	-02 16' 15.03985"	30 46' 03.06368"	1402.679	2009/1/29	Gashanga/Kazizi/used/20F
BF	-02 22' 19.97963"	30 39' 24.59930"	1471.893	2008/12/15	Nyakavogo 33
BF	-02 22' 21.44613"	30 38' 38.00634"	1364.707	2008/12/15	no water
BF	-02 22' 28.95182"	30 38' 32.23450"	1377.204	2008/12/15	Rubore no water 25
BF	-02 16' 17.85576"	30 45' 49.58608"	1451.225	2009/1/29	Gasabo/Kazizi/used/2000F
BF	-02 16' 17.91853"	30 46' 27.09916"	1390.422	2009/1/29	Umubano/Nyamugari/not used
BF	-02 16' 18.16264"	30 37' 16.70837"	1568.505	2008/12/12	12-dec-08 .10
BF	-02 16' 19.10410"	30 45' 21.86716"	1402.919	2009/1/29	Gashanga/kazizi/not used
BF	-02 22' 48.59504"	30 39' 00.87224"	1393.546	2008/12/15	Kabimba II 23
BF	-02 16' 20.17561"	30 41' 54.89664"	1596.864	2008/12/16	Kabuzo nowater 20
BF	-02 22' 54.00298"	30 39' 28.43485"	1382.01	2008/12/15	Kabimba I 16
BF	-02 16' 21.41730"	30 46' 22.73678"	1393.546	2009/1/29	Umubano/Nyamugari/not used
BF	-02 16' 22.60408"	30 36' 44.21455"	1603.112	2008/12/9	Muganza
BF	-02 22' 55.95318"	30 38' 42.86933"	1390.903	2008/12/15	Gakoni 24
BF	-02 16' 25.88740"	30 45' 41.73851"	1426.711	2009/1/29	Mahoro/Kazizi/used/2000F
BF	-02 16' 27.73622"	30 42' 03.68143"	1605.275	2008/12/16	Kavuzo nowater 21
BF	-02 16' 27.99391"	30 40' 51.09586"	1625.943	2008/12/16	Nyakarambi I nowater 18
BF	-02 16' 28.21962"	30 39' 40.60951"	1606.957	2008/12/12	12-dec-08 .18
BF	-02 21' 01.98277"	30 41' 51.17154"	1401.237	2008/12/15	Gahindu nowater 06
BF	-02 16' 28.44291"	30 40' 26.03654"	1628.827	2008/12/16	23
BF	-02 23' 00.24676"	30 46' 34.24426"	1349.086	2008/12/11	Nyakwidi 27
BF	-02 16' 30.20422"	30 46' 07.64933"	1407.245	2009/1/29	Nyamugari/Namugari/used/20F(jerrycan)
BF	-02 16' 30.54067"	30 36' 20.85530"	1588.933	2008/12/9	Muganza
BF	-02 16' 38.58709"	30 35' 32.40114"	1535.099	2008/12/9	Muganza
BF	-02 04' 59.19529"	30 41' 29.94475"	1314.238	2008/12/24	24-dec-08 .10

4.13 Donnée de localisation de l'ouvrage du district Kirehe (3/7)

Name	Latitude	Longitude	Alti	Date	Comments
BF	-02 16' 39.52764"	30 35' 51.38563"	1545.914	2008/12/9	Muganza
BF	-02 16' 42.01073"	30 35' 08.65565"	1523.563	2008/12/9	Nyamiryango
BF	-02 11' 21.97807"	30 50' 00.42900"	1328.898	2009/1/28	Rubaya Kabeza
BF	-02 05' 35.45490"	30 51' 07.95852"	1369.994	2008/12/18	Mutvie 17
BF	-02 05' 02.18079"	30 42' 51.48475"	1311.835	2008/12/18	18-dec-08 .08
BF	-02 07' 55.42397"	30 42' 54.43495"	1485.592	2008/12/17	17-dec-08 .28
BF	-02 16' 50.15221"	30 45' 30.47605"	1412.772	2009/1/29	Isangano/Nyamugari/used/1966/2000frw(a year)
BF	-02 23' 00.81345"	30 39' 21.17477"	1388.74	2008/12/15	Kabimba I 17
BF	-02 16' 51.12474"	30 40' 05.25904"	1640.603	2008/12/12	12-dec-08 .15
BF	-02 07' 07.26128"	30 43' 31.00505"	1330.1	2008/12/17	17-dec-08 .48
BF	-02 16' 52.59637"	30 45' 42.28708"	1441.131	2009/1/29	Umunezero/Nyamugari/1998/used/2000F(a year)
BF	-02 10' 42.64364"	30 50' 19.05774"	1311.835	2009/1/28	Rubaya Muramba for school
BF	-02 16' 54.22461"	30 45' 26.25307"	1407.245	2009/1/29	Lycee de Rusumo School/Ihuriro/Nyamugari
BF	-02 16' 54.92406"	30 34' 40.00188"	1506.741	2008/12/9	Cyunuzi
BF	-02 16' 56.88423"	30 33' 41.16852"	1393.786	2008/12/9	Cyunuzi
BF	-02 16' 58.74721"	30 45' 22.12333"	1397.151	2009/1/29	Nyamugari HC/Ihuriro/Nyamugari
BF	-02 17' 03.00760"	30 45' 23.97848"	1406.043	2009/1/29	School tap
BF	-02 17' 04.30904"	30 42' 32.66590"	1675.21	2008/12/16	from Kabugwe no water 13
BF	-02 17' 07.13643"	30 49' 08.77901"	1315.68	2009/1/27	Mwoga Isangano
BF	-02 17' 07.35821"	30 36' 10.44378"	1526.448	2008/12/9	Muganza cell
BF	-02 17' 10.84280"	30 49' 17.02430"	1331.782	2009/1/27	Mwoga Mwoga
BF	-02 17' 11.71667"	30 44' 49.21768"	1425.269	2009/1/29	Rusozi/Nyamugari/replaced 2009 from sector Office/originaly constructed in 1968
BF	-02 17' 12.31534"	30 49' 06.68881"	1313.757	2009/1/27	Mwoga Nyarusange
BF	-02 17' 12.90193"	30 42' 37.73257"	1663.194	2008/12/16	Nyakayaga 05
BF	-02 17' 16.57210"	30 49' 18.09491"	1335.387	2009/1/27	Mwoga Mwoga
BF	-02 17' 19.66683"	30 45' 20.04307"	1401.477	2009/1/29	Mahama/Nyamugari/used/2000F(a year)
BF	-02 17' 21.36145"	30 44' 33.09432"	1429.836	2009/1/29	Rusozi/Nyamugari/not used/water from SP reduce/constructed in 1968
BF	-02 17' 22.52138"	30 35' 47.67443"	1501.453	2008/12/9	Muganza cell
BF	-02 17' 28.59286"	30 49' 21.83689"	1338.992	2009/1/27	Mwoga Gisanze
BF	-02 17' 39.93045"	30 47' 09.69094"	1363.024	2009/1/29	Nyabiyenzi/Bukora
BF	-02 17' 42.67516"	30 47' 10.86839"	1365.909	2009/1/29	Nyabiyenzi/Bukora/1996/IRC
BF	-02 17' 45.13169"	30 47' 07.63152"	1376.002	2009/1/29	Nyabiyenzi/Bukora/IRC/1996
BF	-02 21' 57.09804"	30 40' 21.26680"	1400.756	2008/12/15	Ryamukaza 12
BF	-02 17' 47.69535"	30 47' 37.41108"	1343.318	2009/1/29	Nyabienzi/Bukora
BF	-02 17' 49.04326"	30 49' 30.48532"	1348.124	2009/1/27	Mwoga Kwisha
BF	-02 17' 49.64736"	30 47' 35.68024"	1349.086	2009/1/29	Nyabiyenzi/Bukora
BF	-02 17' 55.46749"	30 49' 30.98708"	1347.403	2009/1/27	Mwogo Kwisha
BF	-02 17' 58.03627"	30 42' 14.38780"	1675.691	2008/12/16	Gasarasi 03
BF	-02 17' 58.89716"	30 47' 19.82638"	1363.505	2009/1/29	Nyabiyenzi/Bukora
BF	-02 21' 57.14843"	30 31' 37.66552"	1500.732	2008/12/8	08-dec-08 10:17:30pm
BF	-02 18' 00.41495"	30 47' 12.89342"	1369.033	2009/1/29	Bukora primary school/Nyabiyenzi/Bukora
BF	-02 18' 02.44421"	30 47' 19.11394"	1360.621	2009/1/29	Nyabiyenzi/Bukora
BF	-02 18' 03.24717"	30 46' 38.76355"	1383.452	2009/1/29	Nyabiyenzi/Bukora/IRC
BF	-02 18' 05.19224"	30 44' 51.96296"	1413.493	2009/1/29	Rurama2/Nyamugari
BF	-02 18' 06.84099"	30 46' 41.39933"	1380.569	2009/1/29	Nyabiyenzi/Bukora/1996/IRC
BF	-02 21' 58.62670"	30 37' 26.54022"	1368.312	2008/12/11	11-dec-08 15
BF	-02 18' 14.44837"	30 49' 32.76682"	1362.303	2009/1/27	Munini Munini
BF	-02 18' 14.45320"	30 49' 45.03652"	1361.583	2009/1/27	Munini Munini
BF	-02 18' 18.88106"	30 32' 50.20768"	1592.538	2008/12/8	08-dec-08 11:02:41pm
BF	-02 18' 19.78902"	30 49' 31.38240"	1359.42	2009/1/27	Munini Munini
BF	-02 18' 21.66589"	30 49' 55.17707"	1359.179	2009/1/27	Munini Kabeza
BF	-02 18' 21.79384"	30 46' 26.69117"	1367.591	2009/1/29	Bugero/Bukora/10F/IRC
BF	-02 18' 22.94983"	30 49' 12.13900"	1353.171	2009/1/27	Munini Remanyandi
BF	-02 22' 13.34810"	30 37' 52.26791"	1383.933	2008/12/15	Nyarutovu 30
BF	-02 18' 26.23950"	30 49' 20.22553"	1356.776	2009/1/27	Munini Ihuriro
BF	-02 18' 31.35957"	30 46' 36.55355"	1362.303	2009/1/29	Bugero/Bukoma/2008/new village for refugee/red cross/2000F(a year)
BF	-02 18' 31.45250"	30 49' 58.67011"	1354.133	2009/1/27	Munini Karambi
BF	-02 18' 32.35081"	30 47' 11.09710"	1353.652	2009/1/29	Bukora HC/Bukora.Bukora/used
BF	-02 18' 33.19812"	30 46' 40.23336"	1356.055	2009/1/29	Bugero/Bukoma/2008/new village for refugee/2000F(a
BF	-02 18' 33.87947"	30 47' 12.50084"	1350.287	2009/1/29	Bukora HC/Bukora/Bukora/not used
BF	-02 18' 34.45913"	30 47' 12.08713"	1351.249	2009/1/29	Bukora HC/not used
BF	-02 18' 36.06926"	30 44' 36.01558"	1434.642	2008/12/11	Rwesinge 14
BF	-02 18' 45.07977"	30 32' 59.85006"	1575.234	2008/12/8	08-dec-08 10:57:43pm
BF	-02 18' 54.30845"	30 45' 03.99578"	1517.075	2008/12/11	refugee camp 15
BF	-02 19' 02.82017"	30 44' 13.04282"	1416.858	2008/12/11	Kagorogoro 09
BF	-02 19' 03.57514"	30 44' 08.43032"	1417.579	2008/12/11	for school 12
BF	-02 19' 05.61828"	30 33' 00.86393"	1570.668	2008/12/8	08-dec-08 10:54:17pm
BF	-02 19' 07.61797"	30 47' 36.35376"	1347.884	2009/1/29	Mudahunga/Bukora/10F
BF	-02 19' 08.70426"	30 47' 40.09996"	1350.047	2009/1/29	Mudahunga/Bukora/10F
BF	-02 19' 13.56875"	30 48' 02.13606"	1357.016	2009/1/29	Iremanyndo/Bukora/10F
BF	-02 19' 17.68400"	30 48' 02.34155"	1357.978	2009/1/29	Iremanyndo/Bukora/10F
BF	-02 19' 19.47216"	30 47' 11.71568"	1366.87	2009/1/29	Nyakariba/Kagasa/10F/1968
BF	-02 19' 21.26696"	30 33' 00.85547"	1557.931	2008/12/8	08-dec-08 10:49:59pm
BF	-02 19' 22.11548"	30 48' 03.14269"	1354.373	2009/1/29	Iremanyundo/Bukora/functional but not used
BF	-02 19' 25.58045"	30 36' 12.14201"	1592.538	2008/12/10	10-dec-08 10:28:48pm

4.13 Donnée de localisation de l'ouvrage du district Kirehe (4/7)

Name	Latitude	Longitude	Alti	Date	Comments
BF	-02 19' 26.48389"	30 35' 27.56288"	1592.057	2008/12/10	10-dec-08 10:35:49pm
BF	-02 19' 28.05359"	30 47' 31.09398"	1374.08	2009/1/29	Mwima/Bukora
BF	-02 19' 29.45732"	30 47' 35.30216"	1373.118	2009/1/29	Mwima/Bukora/10F/1997IRC
BF	-02 19' 30.05267"	30 45' 00.32108"	1546.395	2008/12/11	Rama 17
BF	-02 19' 34.73550"	30 37' 29.63978"	1778.311	2008/12/10	10-dec-08 10:07:40pm
BF	-02 19' 42.48410"	30 35' 34.79640"	1465.164	2008/12/11	2008/12/11 10:43
BF	-02 19' 45.59815"	30 35' 43.95538"	1480.304	2008/12/11	2008/12/11 10:53
BF	-02 19' 46.61625"	30 37' 37.13430"	1799.94	2008/12/10	10-dec-08 10:02:46pm
BF	-02 19' 50.10114"	30 36' 47.89076"	1730.245	2008/12/10	10-dec-08 10:17:53pm
BF	-02 19' 51.14127"	30 36' 28.06981"	1699.483	2008/12/10	10-dec-08 10:22:53pm
BF	-02 19' 53.73389"	30 37' 43.79390"	1805.708	2008/12/10	10-dec-08 9:00:02pm
BF	-02 19' 58.93634"	30 32' 49.43429"	1551.682	2008/12/8	08-dec-08 10:44:19pm
BF	-02 20' 03.46136"	30 42' 30.83911"	1441.131	2008/12/11	Nyaryenge 07
BF	-02 20' 04.46045"	30 47' 37.07282"	1398.353	2009/1/29	Nyamirama/Kagasa/10F(jerrycan)
BF	-02 20' 12.23289"	30 42' 46.52791"	1389.22	2008/12/11	Kimesho 06
BF	-02 20' 12.34634"	30 48' 01.66655"	1414.455	2009/1/29	Rebero/kagasa/not used
BF	-02 20' 13.79775"	30 46' 55.52839"	1399.314	2009/1/29	Ituze/Kagasa/not used
BF	-02 20' 16.69333"	30 38' 16.37336"	1794.173	2008/12/10	
BF	-02 20' 26.06564"	30 45' 19.74042"	1558.892	2008/12/11	Rama 19
BF	-02 20' 27.54180"	30 38' 45.88408"	1804.026	2008/12/10	10-dec-08 9:45:09pm
BF	-02 20' 34.97899"	30 32' 37.76114"	1561.776	2008/12/8	08-dec-08 10:38:49pm
BF	-02 20' 35.00645"	30 47' 07.65053"	1403.88	2009/1/29	Mataba primary school/Mataba/Kagasa/repared by AGRO 2007
BF	-02 20' 45.51213"	30 41' 44.32096"	1473.816	2008/12/15	Kiravunga 07
HP	-02 17' 25.18853"	30 34' 00.05160"	1344.279	2008/12/8	HP Afridev
HP	-02 19' 19.80770"	30 33' 43.05139"	1356.536	2008/12/8	Rwabutazi
M.Tank	-02 14' 31.40432"	30 49' 53.49029"	1389.941	2009/1/27	60 m3 1998
M.Tank	-02 14' 37.16259"	30 48' 27.19145"	1360.141	2009/1/27	60 m3
M.Tank	-02 18' 14.56153"	30 49' 39.57366"	1363.265	2009/1/27	60 m3 1998
Mpanga	-02 10' 04.22170"	30 47' 57.03742"	1729.044	2008/12/18	Sector Office 06
Office	-02 06' 10.92936"	30 41' 33.07056"	1413.013	2008/12/17	18.Nasho
Office	-02 10' 11.30495"	30 46' 40.04083"	1793.692	2009/1/27	2009/1/26 10:17
Office	-02 13' 31.95624"	30 46' 08.57543"	1679.296	2009/1/27	Nabitare cell
Office	-02 14' 13.96537"	30 48' 18.04453"	1344.519	2009/1/27	Manama
Office	-02 15' 54.56138"	30 39' 15.35436"	1597.344	2008/12/12	Kirehe(sector)
Office	-02 11' 26.83773"	30 40' 26.22392"	1667.76	2008/12/17	01.Mushikiri
Office	-02 16' 35.69815"	30 42' 47.92986"	1725.679	2008/12/16	Sector Office 01 Kigina
Office	-02 16' 39.92716"	30 35' 17.75605"	1497.608	2008/12/9	Sector Office Gatore
Office	-02 16' 41.01255"	30 40' 03.79826"	1631.951	2008/12/8	District Office Kirehe
Office	-02 17' 09.31716"	30 44' 58.58333"	1407.245	2009/1/29	2009/1/28 8:30
Office	-02 19' 19.29865"	30 33' 01.19041"	1561.776	2008/12/8	Sector Office Gahar
Office	-02 19' 36.12566"	30 41' 35.30382"	1746.828	2008/12/11	Sectoer Office 01 Kigarama
Office	-02 19' 52.77041"	30 37' 44.58659"	1765.333	2008/12/11	Musaza
Office	-02 10' 03.65803"	30 47' 54.72722"	1722.074	2009/1/26	Mpanga
Psta	-02 09' 33.19169"	30 48' 51.71818"	1590.135	2008/12/18	Pump to health center 08
Psta	-02 09' 17.73402"	30 45' 38.71559"	1624.501	2009/1/27	Pump station/Rutungu/Nyarutungu/1998/UNHCR/IRC
SP	-02 10' 34.81055"	30 42' 41.91059"	1589.173	2008/12/17	15-dec-08 .04
SP	-02 10' 06.01831"	30 47' 20.90544"	1664.155	2009/1/26	Cyereta 22 l/min 6.01 ms/m 21.6
SP	-02 06' 07.75678"	30 45' 36.64166"	1300.54	2008/12/17	94.6l/min
SP	-02 11' 51.39312"	30 48' 01.94594"	1614.888	2009/1/27	Kasinzi SP/Nyamugari/Nyabitare/38sec(12L)
SP	-02 11' 51.43053"	30 48' 02.06514"	1613.686	2009/1/26	Kasinzi 24.1 l/min 7.24 ms/m 21.5
SP	-02 09' 36.17086"	30 43' 36.77992"	1627.145	2009/1/27	Nkakwa SP/Nkakwa/Nyarutungu/21sec(12L)
SP	-02 11' 57.48240"	30 37' 17.51099"	1430.557	2008/12/17	16-dec-08 .09 Gatagata
SP	-02 08' 36.71855"	30 39' 34.84278"	1719.671	2008/12/17	15-dec-08 .06
SP	-02 10' 08.96368"	30 44' 40.27805"	1552.643	2009/1/27	Nkawa SP/Nkawa/Nyarutungu/2min4sec(12L)
SP	-02 12' 19.83020"	30 35' 52.27278"	1393.306	2009/1/21	Gahama 13.5 l/min 9.53 ms/m 24
SP	-02 12' 23.92553"	30 47' 41.38177"	1586.77	2009/1/27	Rutsoka SP/Nyamugari/Nabitare/35sec
SP	-02 12' 34.66536"	30 48' 20.20021"	1456.031	2009/1/27	Nyakagera
SP	-02 11' 26.80695"	30 48' 11.51017"	1669.202	2009/1/26	Nyakagera 5 l/min 3.2 ms/m 22.3
SP	-02 10' 53.86114"	30 48' 21.88912"	1666.559	2009/1/26	Kamarobe 4.26 ms/m 21
SP	-02 09' 00.13333"	30 40' 28.10021"	1723.997	2008/12/17	15-dec-08 .05
SP	-02 13' 05.30461"	30 47' 56.48399"	1475.258	2009/1/27	Kamombo
SP	-02 13' 11.71012"	30 36' 05.48240"	1375.762	2008/12/17	16-dec-08 .10
SP	-02 21' 46.49098"	30 40' 54.54905"	1377.204	2008/12/15	37.2l/min 09
SP	-02 09' 02.00478"	30 43' 35.30316"	1644.448	2008/12/17	17-dec-08 .20
SP	-02 09' 47.81956"	30 44' 11.75708"	1575.955	2009/1/27	Gashongi SP2/Birembo/Nyarutungu
SP	-02 10' 23.26294"	30 44' 46.61599"	1558.652	2009/1/27	Nkawa SP2/Nkawa/Nyarutungu/constructed by GermanNGO1970'/pipe broken
SP	-02 10' 09.05963"	30 43' 37.87648"	1640.363	2008/12/17	15-dec-08 02
SP	-02 13' 49.18699"	30 41' 33.60404"	1506.981	2008/12/16	Gahama 10l/min 25
SP	-02 05' 58.52237"	30 47' 56.54735"	1396.911	2008/12/17	Kayanga 10
SP	-02 09' 46.84280"	30 40' 09.72250"	1649.495	2008/12/17	15-dec-08.07
SP	-02 13' 51.28595"	30 39' 00.61787"	1387.778	2008/12/12	3.Kamasaro
SP	-02 11' 31.30723"	30 38' 07.52280"	1484.15	2008/12/17	16-dec-08 .08
SP	-02 11' 32.93063"	30 49' 13.40000"	1451.706	2009/1/28	Nyagahanga 50.6 l/min 33 ms/m 23.3
SP	-02 09' 57.24105"	30 43' 47.28709"	1593.018	2008/12/17	15-dec-08 03
SP	-02 07' 50.27010"	30 47' 37.15670"	1543.511	2008/12/17	Keretav 07
SP	-02 14' 19.66751"	30 41' 10.62830"	1486.553	2008/12/16	Rwakiriba 108.5l/min 26

4.13 Donnée de localisation de l'ouvrage du district Kirehe (5/7)

Name	Latitude	Longitude	Alti	Date	Comments
SP	-02 14' 24.00062"	30 47' 01.41097"	1428.154	2009/9/30	Kaborogota
SP	-02 14' 28.10440"	30 37' 18.72826"	1384.173	2008/12/12	6.Rwesero
SP	-02 14' 37.91726"	30 45' 57.68953"	1528.611	2009/1/27	Gitanbogo SP/Rwamagawa/Nyabitare/3min14sec
SP	-02 14' 37.91726"	30 45' 57.68953"	1528.611	2009/1/29	Bitanbogo SP/Nyarubuye sec
SP	-02 14' 37.98395"	30 45' 14.51747"	1614.648	2009/1/27	Gahama SP/Mponguhe/Nyabitare/57sec
SP	-02 14' 49.96909"	30 35' 39.85282"	1363.505	2008/12/17	16-dec-08 .17
SP	-02 14' 51.02280"	30 46' 00.05164"	1437.526	2009/9/30	2009/9/30 8:46
SP	-02 21' 10.60312"	30 39' 35.45201"	1612.244	2008/12/15	SP Nyakagera 37
SP	-02 14' 51.15617"	30 37' 29.84315"	1390.182	2008/12/12	12-dec-08 .7
SP	-02 09' 47.82076"	30 44' 10.96260"	1576.436	2009/1/27	Gashongi SP1/Birembo/Nyarutungu
SP	-02 09' 32.45482"	30 48' 53.06123"	1588.693	2008/12/18	Gakirarwgo 007
SP	-02 15' 02.95937"	30 38' 58.78532"	1479.103	2008/12/12	4.Rwaba
SP	-02 15' 28.29266"	30 34' 43.79790"	1348.845	2009/1/21	Kabirizi 15.8 l/min 14.86 ms/m 22.5
SP	-02 15' 33.25251"	30 37' 48.67316"	1472.134	2008/12/12	5.Rusasa
SP	-02 15' 38.55000"	30 44' 43.26508"	1501.694	2009/1/29	Mayizi SP/Mayizi/Nyamugari/much water overflowed/developed in 1966/pipe leaking
SP	-02 15' 46.10578"	30 35' 14.36140"	1413.253	2008/12/9	new source
SP	-02 15' 48.46968"	30 44' 47.23818"	1454.83	2009/9/29	Alt source for Mahama]
SP	-02 15' 57.35557"	30 40' 53.12179"	1510.586	2008/12/16	Koheve 60l/min27
SP	-02 16' 01.36189"	30 38' 08.08285"	1505.539	2008/12/12	2.Gahama
SP	-02 16' 08.79275"	30 44' 07.03021"	1478.622	2008/12/16	30-60l/min 08
SP	-02 16' 10.71760"	30 44' 07.90134"	1480.545	2008/12/16	1994construction 07
SP	-02 08' 25.60938"	30 43' 41.20324"	1588.933	2008/12/17	17-dec-08 .19
SP	-02 22' 21.91444"	30 32' 17.06816"	1343.077	2008/12/8	Butezi
SP	-02 22' 49.48762"	30 33' 15.18613"	1471.893	2008/12/10	>87l/min
SP	-02 10' 29.26743"	30 49' 39.97168"	1419.982	2009/1/28	Rwkibira
SP	-02 17' 10.09537"	30 42' 05.80093"	1555.527	2008/12/16	Muguruka 12
SP	-02 17' 13.07604"	30 43' 29.75038"	1467.567	2008/12/16	+pump Kabugwe funded China 09
SP	-02 17' 17.54343"	30 42' 53.31154"	1521.4	2008/12/16	Gasebura to Kabugwe funded China 10
SP	-02 17' 39.02672"	30 32' 35.17548"	1342.597	2008/12/8	Kabagera
SP	-02 17' 39.51887"	30 35' 15.32548"	1388.98	2008/12/9	Station pump
SP	-02 17' 58.09119"	30 42' 14.05616"	1676.893	2008/12/16	Tank+pump 44l/min 02
SP	-02 18' 59.40256"	30 31' 59.27462"	1356.536	2008/12/8	Gashongora
SP	-02 19' 46.03659"	30 35' 42.81025"	1465.404	2008/12/11	2008/12/11 11:01
SP	-02 19' 49.26983"	30 33' 25.62541"	1354.133	2008/12/10	Contaminated
SP	-02 20' 09.66169"	30 40' 13.06164"	1608.64	2008/12/11	Nyagashagara pump 02
SP	-02 20' 13.77482"	30 41' 04.57526"	1570.427	2008/12/11	Gashanga-1 gravity 04
SP	-02 20' 14.37108"	30 41' 04.44066"	1566.102	2008/12/11	3
SP	-02 20' 40.60811"	30 36' 59.25672"	1529.091	2008/12/11	cyizanye
SP	-02 20' 47.41586"	30 34' 04.81138"	1409.888	2008/12/10	>20l/min
SP	-02 20' 47.42159"	30 34' 06.81589"	1418.3	2008/12/10	>33l/min
Tank	-02 06' 18.60464"	30 45' 50.36699"	1314.959	2008/12/17	17-dec-08 .41
Tank	-02 23' 19.69174"	30 39' 06.63592"	1391.143	2008/12/15	from Gashyuha 20
Tank	-02 06' 22.47668"	30 41' 20.78124"	1370.715	2008/12/18	18-dec-08 .01
Tank	-02 10' 39.63159"	30 50' 14.26600"	1319.285	2009/1/28	Small
Tank	-02 11' 56.80618"	30 49' 53.57842"	1318.324	2009/1/27	Small
Tank	-02 01' 34.90672"	30 50' 29.59451"	1322.409	2008/12/17	private Tank 15
Tank	-02 06' 16.16621"	30 47' 06.07056"	1444.976	2008/12/17	from Keretav 09
Tank	-02 09' 32.18717"	30 50' 52.23048"	1316.882	2009/1/28	Small
Tank	-02 07' 38.91380"	30 40' 18.87967"	1642.766	2008/12/18	18-dec-08 .31
Tank	-02 04' 05.25020"	30 44' 16.22598"	1320.006	2008/12/18	18-dec-08 .14
Tank	-02 12' 18.13890"	30 49' 40.38175"	1343.558	2009/1/27	Small
Tank	-02 06' 19.80620"	30 41' 23.53560"	1363.024	2008/12/18	18-dec-08 .03
Tank	-02 10' 13.37554"	30 50' 30.54923"	1354.133	2009/1/28	Small
Tank	-02 06' 33.59249"	30 42' 23.77217"	1313.757	2008/12/17	17-dec-08 .39
Tank	-02 21' 32.49739"	30 46' 07.00360"	1405.563	2009/1/29	Murambi/Kiyanzi/not used/1968 constructed/2006 stopped
Tank	-02 12' 27.66269"	30 35' 00.40855"	1556.969	2009/1/21	Small
Tank	-02 06' 06.19553"	30 41' 58.76567"	1322.169	2008/12/18	18-dec-08 .19
Tank	-02 03' 22.60861"	30 49' 26.09364"	1356.536	2008/12/17	from Nasho sell 11
Tank	-02 08' 11.32340"	30 42' 31.80953"	1564.66	2008/12/17	17-dec-08 .22
Tank	-02 21' 33.00372"	30 41' 00.74184"	1422.145	2008/12/15	from gashanga 1 04
Tank	-02 04' 13.12312"	30 43' 10.65090"	1357.737	2008/12/18	18-dec-08.09
Tank	-02 06' 38.19626"	30 43' 49.86404"	1314.719	2008/12/17	17-dec-08 .45
Tank	-02 05' 46.66094"	30 46' 50.83799"	1349.086	2008/12/17	2006 construction 01
Tank	-02 03' 40.36048"	30 44' 52.16122"	1307.99	2008/12/18	18-dec-08 .13
Tank	-02 13' 02.56141"	30 49' 41.76797"	1327.216	2009/1/27	Small
Tank	-02 13' 04.86103"	30 48' 16.42565"	1392.104	2009/1/27	
Tank	-02 09' 55.54824"	30 46' 10.90884"	1735.052	2009/1/27	Remera/Nyarutungu/30m3/UNHCR/IRC/school
Tank	-02 13' 11.33354"	30 34' 53.84611"	1565.861	2008/12/17	16-dec-08 .14
Tank	-02 05' 47.85315"	30 51' 09.98384"	1400.035	2008/12/18	from Gakirarwgo 18
Tank	-02 13' 16.77346"	30 35' 25.24668"	1569.466	2008/12/17	16-dec-08 .11
Tank	-02 07' 08.39797"	30 43' 31.35900"	1331.061	2008/12/17	17-dec-08 .47
Tank	-02 13' 16.97624"	30 35' 24.53363"	1564.9	2009/1/21	Tank small
Tank	-02 07' 45.88600"	30 51' 00.31039"	1345.721	2008/12/18	from Gakirarwgo 12
Tank	-02 21' 50.57665"	30 40' 43.47908"	1395.949	2008/12/15	from Nyakagera 10
Tank	-02 07' 00.39620"	30 41' 30.72476"	1456.512	2008/12/17	17-dec-08 .35
Tank	-02 06' 42.67995"	30 50' 35.91222"	1331.542	2008/12/18	from Gakirarwgo 13
Tank	-02 06' 46.52362"	30 41' 37.49028"	1438.488	2008/12/17	17-dec-08 .38

4.13 Donnée de localisation de l'ouvrage du district Kirehe (6/7)

Name	Latitude	Longitude	Alti	Date	Comments
Tank	-02 10' 57.03463"	30 49' 54.17375"	1386.817	2009/1/28	
Tank	-02 03' 22.22267"	30 47' 28.27385"	1376.002	2008/12/18	Military 03
Tank	-02 06' 47.09453"	30 43' 11.42580"	1314.719	2008/12/17	17-dec-08 .50
Tank	-02 07' 06.82345"	30 40' 39.10526"	1420.463	2008/12/18	18-dec-08.27
Tank	-02 20' 59.09021"	30 35' 41.62466"	1382.972	2008/12/11	11-dec-08 .17
Tank	-02 06' 11.38923"	30 41' 30.68282"	1332.263	2008/12/18	18-dec-08 .05
Tank	-02 07' 00.99005"	30 44' 07.36724"	1334.666	2008/12/17	17-dec-08 .43
Tank	-02 04' 37.83814"	30 43' 55.98199"	1304.385	2008/12/18	18-dec-08 .16
Tank	-02 14' 11.63134"	30 35' 36.35826"	1535.099	2008/12/17	16-dec-08 .12
Tank	-02 03' 39.59796"	30 44' 55.10386"	1309.432	2008/12/18	18-dec-08 .12
Tank	-02 14' 22.62827"	30 47' 38.25686"	1393.546	2009/1/29	Gasetsa/Kazizi/1966/used/water from (Nyakiziba SP at Nyarubuye)
Tank	-02 21' 25.75180"	30 36' 19.21259"	1418.781	2008/12/11	2008/12/11 11:58
Tank	-02 06' 47.33743"	30 41' 38.08835"	1438.488	2008/12/17	17-dec-08 .37
Tank	-02 21' 29.07164"	30 31' 12.52988"	1541.107	2008/12/8	Tanksmall
Tank	-02 08' 06.00931"	30 41' 14.07037"	1574.994	2008/12/17	17-dec-08 .31
Tank	-02 15' 04.13015"	30 47' 26.41294"	1355.094	2009/1/29	not working
Tank	-02 21' 04.79899"	30 45' 30.79620"	1518.276	2008/12/11	Rame from gashanga 2 20
Tank	-02 21' 06.26911"	30 40' 59.46665"	1520.679	2008/12/15	from Gashanga1 01
Tank	-02 15' 15.32925"	30 46' 55.67596"	1399.074	2009/1/29	Nyenyeri/Kazizi/1966/not used/WS(SP) dry
Tank	-02 06' 18.39945"	30 45' 50.48316"	1319.766	2008/12/17	from Mushikiri 04
Tank	-02 03' 39.77207"	30 47' 04.07663"	1327.216	2008/12/18	military 01
Tank	-02 15' 32.24135"	30 46' 26.86559"	1360.381	2009/1/29	Gashanga/Kazizi/not used/not enough water
Tank	-02 15' 36.98634"	30 36' 38.52086"	1569.707	2008/12/12	12-dec-08 .8
Tank	-02 08' 13.75006"	30 42' 27.47009"	1577.637	2008/12/17	17-dec-08 .23
Tank	-02 15' 54.42137"	30 41' 33.62006"	1668.481	2008/12/16	Military from Nyakarambi 024
Tank	-02 09' 51.53680"	30 46' 16.77270"	1753.317	2009/1/27	Remera/Nyarutunga/30m3/UNHCR/IRC/village
Tank	-02 16' 00.90323"	30 46' 03.15358"	1467.087	2009/1/29	Gasabo/Kazizi/not used/1966/pipe broken
Tank	-02 16' 10.82382"	30 44' 07.80299"	1476.7	2009/1/29	Ruhama/Gatana/Kigina sec
Tank	-02 22' 13.95069"	30 38' 21.05290"	1362.303	2008/12/15	from Nyamigono 28
Tank	-02 16' 12.81324"	30 45' 52.87756"	1480.064	2009/1/29	Gasabo/Kazizi/used
Tank	-02 16' 14.41311"	30 46' 56.67593"	1405.082	2009/1/29	Jyambere/Kazizi/40m3/2001/not used/not enough water
Tank	-02 22' 22.54902"	30 39' 24.43878"	1474.537	2008/12/15	from Nyakagera 32
Tank	-02 22' 29.46208"	30 38' 37.80085"	1386.577	2008/12/15	from gashyuhha 26
Tank	-02 22' 46.43634"	30 38' 56.57957"	1402.679	2008/12/15	from Gashyuhha 22
Tank	-02 04' 57.54533"	30 50' 42.00785"	1377.685	2008/12/18	from Gakirarwgo 21
Tank	-02 16' 20.06637"	30 45' 40.95756"	1421.905	2009/1/29	Mahoko/Kazizi/not use/pipe broken
Tank	-02 16' 21.38682"	30 36' 44.74051"	1605.756	2008/12/9	from SP
Tank	-02 22' 56.85903"	30 46' 32.52428"	1361.102	2008/12/11	from gashanga 1 26
Tank	-02 16' 24.22115"	30 41' 10.30333"	1628.346	2008/12/16	from Muguruka 19
Tank	-02 16' 27.42029"	30 40' 56.67820"	1624.261	2008/12/16	+pump Nyakarambi nowater 17
Tank	-02 22' 58.90639"	30 39' 19.07341"	1399.554	2008/12/15	from Gashyuhha 18
Tank	-02 16' 29.46644"	30 36' 40.07488"	1604.314	2008/12/9	from SP
Tank	-02 16' 30.04640"	30 40' 32.27185"	1635.797	2008/12/16	from Muguruka 22
Tank	-02 23' 00.58170"	30 46' 48.12859"	1356.776	2009/1/29	Kiyanzi/Kiyanzi/Amaremba hotel
Tank	-02 21' 01.49937"	30 46' 42.19230"	1391.624	2009/1/29	Mataba/Kagasa/once repaired by AGRO/not used/2007 water stopped
Tank	-02 04' 58.60326"	30 41' 27.86388"	1316.641	2008/12/24	24-dec-08 .09
Tank	-02 16' 39.19844"	30 35' 52.97464"	1547.837	2008/12/9	from Tank
Tank	-02 16' 39.71382"	30 43' 05.53084"	1731.207	2008/12/16	from Kabuge fund China 16
Tank	-02 05' 25.86202"	30 41' 13.27254"	1331.061	2008/12/18	18-dec-08 .25
Tank	-02 16' 42.14320"	30 42' 44.03880"	1718.95	2008/12/16	from Kbugwe fund China 15
Tank	-02 05' 00.92190"	30 42' 52.55262"	1313.998	2008/12/18	18-dec-08 .07
Tank	-02 16' 44.56262"	30 40' 01.82784"	1638.44	2008/12/12	12-dec-08 .17
Tank	-02 23' 00.74616"	30 46' 48.11984"	1350.047	2008/12/11	from gashanga 1 24
Tank	-02 07' 21.45252"	30 41' 19.63583"	1511.066	2008/12/17	17-dec-08 .33
Tank	-02 16' 52.48804"	30 45' 42.64798"	1445.938	2009/1/29	Umunezero/Nyamugari/used/water from Mayizi SP
Tank	-02 10' 02.65472"	30 46' 38.87821"	1824.454	2009/1/27	Remera/Nyarutunga/constructed by AMUSAR in 1998 but pipe were not connected/planed to take water from Mpanga
Tank	-02 16' 56.37275"	30 40' 09.59668"	1644.448	2008/12/12	12-dec-08 .16
Tank	-02 16' 59.08517"	30 42' 34.98725"	1686.506	2008/12/16	from Kabugwe fund China 14
Tank	-02 17' 00.09452"	30 45' 23.11639"	1401.958	2009/1/29	Ihuriro/Nyamugari
Tank	-02 17' 00.64944"	30 45' 40.09820"	1478.863	2009/1/29	Umunezero/Nyamugati
Tank	-02 08' 15.24643"	30 51' 01.75939"	1367.831	2008/12/18	from Rubina no water 09
Tank	-02 17' 02.82384"	30 45' 24.11309"	1407.966	2009/1/29	Nyamugari primary school/Ihuriro/Nyamugari
Tank	-02 07' 15.81586"	30 41' 54.95309"	1491.6	2008/12/17	17-dec-08 .30
Tank	-02 17' 13.02898"	30 43' 36.08504"	1480.785	2008/12/16	from Gasebura 11
Tank	-02 17' 16.74108"	30 42' 35.16134"	1668.962	2008/12/16	from gasarasi 04
Tank	-02 17' 39.84657"	30 46' 33.31758"	1418.54	2009/1/29	Nyabiyenzi/Bukora/60m3/IRC/1996
Tank	-02 21' 55.69038"	30 40' 20.30693"	1413.493	2008/12/15	from Nyakagera 13
Tank	-02 21' 57.71089"	30 37' 27.77711"	1369.514	2008/12/11	11-dec-08 .14
Tank	-02 22' 12.30194"	30 37' 51.33821"	1385.135	2008/12/11	2008/12/11 12:54
Tank	-02 22' 12.34358"	30 37' 51.48124"	1386.336	2008/12/15	from Nyamigano 31
Tank	-02 18' 17.98818"	30 32' 45.17452"	1598.546	2008/12/8	Tanj 100m3
Tank	-02 22' 12.67098"	30 39' 59.04090"	1426.711	2008/12/15	from Nyakagera 14
Tank	-02 18' 23.94651"	30 46' 35.83538"	1379.126	2009/1/29	Bugero/Bukoma/60m3/red cross
Tank	-02 07' 57.12010"	30 42' 52.49470"	1494.003	2008/12/17	17-dec-08 .27
Tank	-02 18' 32.13174"	30 47' 11.93053"	1351.489	2009/1/29	Bukora HC/Bukora.Bukora/used

4.13 Donnée de localisation de l'ouvrage du district Kirehe (7/7)

Name	Latitude	Longitude	Alti	Date	Comments
Tank	-02 18' 34.91658"	30 44' 35.69903"	1437.286	2008/12/11	from gashanga 2 13
Tank	-02 19' 04.05794"	30 44' 10.54104"	1416.137	2008/12/11	Tank for school 10
Tank	-02 19' 06.55340"	30 44' 18.50813"	1423.347	2008/12/11	from Gashanga 1 11
Tank	-02 19' 25.92867"	30 36' 12.20872"	1596.623	2008/12/10	from Tank
Tank	-02 19' 26.97996"	30 35' 26.41654"	1593.739	2008/12/10	from Tank
Tank	-02 19' 29.18786"	30 45' 02.90920"	1548.317	2008/12/11	from gashanga 2 16
Tank	-02 19' 36.69506"	30 37' 28.50823"	1784.319	2008/12/10	from Tank
Tank	-02 19' 39.05021"	30 47' 30.10934"	1388.98	2009/1/29	Nyamirama/Kagasa/60m3/1997IRC
Tank	-02 19' 47.08577"	30 37' 39.15692"	1803.305	2008/12/10	From Tank
Tank	-02 19' 48.94605"	30 36' 49.27064"	1732.649	2008/12/10	from Tank
Tank	-02 19' 50.79034"	30 36' 28.51942"	1700.445	2008/12/10	from Tank
Tank	-02 19' 53.32563"	30 37' 43.96436"	1805.948	2008/12/10	from Tank
Tank	-02 20' 01.92184"	30 42' 27.41429"	1458.194	2008/12/11	Tank small from Gashanga 1 08
Tank	-02 20' 03.91760"	30 47' 39.46085"	1400.035	2009/1/29	Nyamirama/Kagasa/1966
Tank	-02 20' 08.16984"	30 48' 00.41335"	1420.463	2009/1/29	Rebero/Kagasa/not used
Tank	-02 20' 14.65895"	30 46' 54.60593"	1402.198	2009/1/29	Iyuze/Kagasa/7m3/not used
Tank	-02 20' 18.23678"	30 38' 15.91894"	1796.336	2008/12/10	From Tank
Tank	-02 20' 25.78803"	30 45' 21.38738"	1564.179	2008/12/11	18
Tank	-02 20' 28.56774"	30 38' 45.28180"	1806.91	2008/12/10	From Tank
Tank	-02 20' 38.25689"	30 47' 03.97522"	1406.524	2009/1/29	Mataba/Kagasa/once repaired by AGRO/not used/2007 water stopped
Tank	-02 20' 40.10570"	30 39' 00.91390"	1832.144	2008/12/10	Main Tank from SP
Tank	-02 20' 44.73694"	30 41' 43.52827"	1476.7	2008/12/15	from gashanga 1 08
Village	-02 07' 04.72720"	30 46' 51.16962"	1603.593	2008/12/17	Nyagatoru 08
WS	-02 08' 26.24185"	30 42' 11.51968"	1617.051	2008/12/17	Kireranyana2.26
WS	-02 08' 14.48723"	30 42' 20.93540"	1587.25	2008/12/17	Kireranyana1.24
WS	-02 08' 10.88315"	30 41' 18.67625"	1593.259	2008/12/17	Nyacyijima.32
WS	-02 07' 45.58727"	30 40' 09.25540"	1694.437	2008/12/18	Gikombe.33
WS	-02 08' 08.01593"	30 40' 27.36635"	1687.708	2008/12/18	Kabahimba1.29
WS	-02 14' 37.44744"	30 45' 57.13553"	1517.555	2009/9/30	Nyamugali
WS	-02 15' 36.66951"	30 44' 41.69144"	1509.865	2009/1/29	SP3
WS	-02 15' 36.80469"	30 44' 41.98776"	1508.183	2009/1/29	SP2
WS	-02 15' 37.43323"	30 44' 42.00799"	1505.779	2009/1/29	SP1/WS
WS	-02 15' 38.04940"	30 44' 42.26237"	1509.144	2009/9/29	Mayizi source
WS	-02 16' 07.30151"	30 44' 04.18772"	1496.647	2009/1/29	Ruhama/Gatana/Kigina sec
WS	-02 09' 19.72677"	30 45' 39.23248"	1628.587	2009/1/27	Kamusave SP/Rutungu/Nyarutungu/cemented
WS	-02 08' 08.22293"	30 40' 28.17530"	1691.072	2008/12/18	Kabahimba2.30
WS	-02 21' 51.81110"	30 35' 02.44957"	1413.253	2008/12/11	Nyabungo
WS	-02 19' 42.46027"	30 35' 34.95574"	1467.567	2008/12/11	Nyamigano
WS	-02 19' 46.53327"	30 35' 43.90379"	1478.863	2008/12/11	Gahama

4.14 Carte de localisation de l'ouvrage du district Bugesera



4.15 Donnée de localisation de l'ouvrage du district Bugesera (1/2)

Name	Latitude	Longitude	Alti	Date	Comments
BF	-02 11' 58.22169"	30 08' 10.72716"	1479.824	2009/3/23	
BF	-02 06' 04.71636"	30 02' 58.08646"	1417.819	2009/3/12	12-mar-09 .08
BF	-02 11' 50.50537"	30 01' 10.00556"	1471.653	2009/3/17	17-mar-09 .16
BF	-02 10' 56.20301"	30 03' 35.18762"	1437.767	2009/3/17	17-mar-09 .01
BF	-02 09' 16.49504"	30 01' 42.73140"	1388.499	2009/3/16	16-mar-09 .09
BF	-02 13' 12.29491"	30 07' 01.57184"	1428.154	2009/3/23	Kagenge
BF	-02 06' 12.73563"	30 11' 46.17229"	1457.954	2009/3/13	13-mar-09 .02
BF	-02 08' 11.90638"	30 13' 25.74116"	1345.24	2009/3/13	13-mar-09 .05
BF	-02 05' 08.69584"	30 08' 25.21622"	1435.123	2009/3/11	11-mar-09 .04
BF	-02 11' 44.46256"	30 07' 21.64415"	1483.188	2009/3/23	Gakamba
BF	-02 05' 10.15570"	30 02' 06.20441"	1466.606	2009/3/12	12-mar-09 .06
BF	-02 11' 08.03095"	30 01' 32.78456"	1477.421	2009/3/16	16-mar-09 .04
BF	-02 10' 45.87476"	30 06' 10.98551"	1514.431	2009/3/10	10-mar-09 .05
BF	-02 12' 18.31814"	30 05' 45.19266"	1461.559	2009/3/23	Kibemga
BF	-02 09' 59.28630"	30 04' 04.93972"	1432.239	2009/3/10	10-mar-09 .13
BF	-02 12' 22.71190"	30 01' 47.53614"	1482.948	2009/3/17	17-mar-09 .02
BF	-02 12' 23.00158"	29 59' 55.65502"	1434.883	2009/3/17	17-mar-09 .14
BF	-02 04' 50.75177"	30 08' 45.82082"	1432.96	2009/3/11	11-mar-09 .03
BF	-02 11' 14.97660"	30 09' 20.25698"	1438.007	2009/3/23	
BF	-02 06' 47.18807"	30 03' 01.26115"	1430.316	2009/3/12	12-mar-09 .02
BF	-02 07' 47.23783"	30 06' 15.29780"	1361.823	2009/3/10	10-mar-09 .21
BF	-02 08' 29.82662"	30 05' 14.46169"	1426.231	2009/3/10	10-mar-09 .20
BF	-02 10' 43.23235"	30 02' 20.53896"	1424.789	2009/3/16	16-mar-09 .01
BF	-02 05' 33.85232"	30 07' 49.18174"	1404.361	2009/3/11	11-mar-09 .05
BF	-02 08' 37.46055"	30 06' 06.40919"	1405.803	2009/3/10	10-mar-09 .06
BF	-02 13' 32.87507"	30 09' 30.76657"	1453.868	2009/3/23	
BF	-02 05' 00.07217"	30 11' 11.66161"	1433.921	2009/3/13	13-mar-09 .07
BF	-02 05' 23.88707"	30 05' 17.50632"	1406.764	2009/3/12	12-mar-09 .09
BF	-02 07' 25.43650"	30 12' 19.34773"	1447.38	2009/3/13	13-mar-09.03
BF	-02 05' 34.63143"	30 03' 15.08123"	1434.162	2009/3/12	12-mar-09 .05
HP	-02 04' 21.84788"	30 12' 04.66495"	1347.884	2009/3/13	.08 breakdown
HP	-02 04' 27.86444"	30 14' 03.74518"	1351.729	2009/3/13	.06 Breakdown
HP	-02 08' 11.73348"	30 13' 30.62312"	1343.798	2009/3/13	.04Breakdown
HP	-02 13' 58.38549"	30 06' 05.35126"	1351.249	2009/3/23	148.6 ms/m 25.8
HP	-02 12' 23.46000"	30 06' 38.64000"	1387.538	2009/3/23	Kagenge
HP	-02 12' 43.78963"	30 05' 24.36083"	1387.298	2009/3/23	32 ms/m 24.1
HP	-02 12' 45.06271"	30 02' 23.00636"	1376.243	2009/3/17	17-mar-09 .04
HP	-02 12' 46.67948"	30 06' 38.90178"	1369.754	2009/3/23	Kagenge
HP	-02 12' 57.48000"	30 05' 28.86000"	1369.514	2009/3/23	
HP	-02 13' 28.02000"	30 08' 46.02000"	0		
HP	-02 13' 38.55246"	30 06' 07.70036"	1351.008	2009/3/23	
HP	-02 13' 59.50739"	30 06' 43.30458"	1358.939	2009/3/23	broken
HP	-02 14' 04.02000"	30 08' 46.65000"	0		
HP	-02 14' 08.13589"	30 07' 20.77543"	1357.497	2009/3/23	2008 142 ms/m 25.6
HP	-02 14' 09.12000"	30 07' 58.92000"	0		
HP	-02 08' 30.11720"	30 00' 43.75343"	1354.133	2009/3/16	16-mar-09 .12
HP	-02 09' 44.79664"	30 00' 41.19070"	1358.699	2009/3/16	11.breakdown
HP	-02 10' 09.78383"	30 01' 52.46699"	1374.801	2009/3/16	16-mar-09 .08
HP	-02 10' 27.36853"	30 00' 46.17497"	1365.188	2009/3/16	16-mar-09 .10
HP	-02 11' 00.33304"	29 59' 42.22241"	1347.644	2009/3/16	16-mar-09 .16
HP	-02 11' 02.56327"	30 01' 55.66220"	1405.322	2009/3/16	07.breakdown
HP	-02 11' 29.34586"	29 59' 38.67504"	1349.326	2009/3/16	16-mar-09 .15
HP	-02 12' 12.77200"	29 59' 27.95813"	1358.458	2009/3/17	12.breakdown
HP	-02 12' 34.64454"	30 02' 26.00002"	1378.886	2009/3/17	03.breakdown
HP	-02 12' 38.13728"	30 00' 21.81420"	1359.179	2009/3/17	11.breakdown
HP	-02 12' 40.19370"	29 59' 39.38413"	1350.768	2009/3/17	17-mar-09 .13
HP	-02 12' 42.46586"	30 00' 21.81902"	1357.737	2009/3/17	17-mar-09 .10
HP	-02 12' 54.25246"	30 01' 30.27490"	1395.229	2009/3/17	17-mar-09 .06
HP	-02 13' 13.96931"	30 01' 37.09654"	1373.839	2009/3/17	17-mar-09 .07
HP	-02 13' 21.62045"	30 02' 17.23906"	1355.574	2009/3/17	17-mar-09 .05
HP	-02 13' 30.50574"	30 01' 13.88726"	1358.699	2009/3/17	17-mar-09 .09
HP	-02 13' 32.32498"	30 01' 35.11916"	1361.342	2009/3/17	08.breakdown
HP	-02 13' 38.78400"	30 03' 32.14800"	0		
HP	-02 13' 40.58400"	30 05' 21.33600"	0		
HP	-02 04' 13.80000"	30 09' 33.12000"	1347.163	2009/3/11	11-mar-09 .02
HP	-02 05' 51.06000"	30 07' 02.58000"	1348.605	2009/3/11	11-mar-09 .06
HP	-02 04' 07.31688"	30 02' 27.30628"	1353.411	2009/3/12	12-mar-09 .07
HP	-02 04' 30.58320"	30 04' 37.47698"	1345.481	2009/3/12	12-mar-09 .12
HP	-02 05' 03.76800"	30 03' 41.76000"	1348.124	2009/3/12	12-mar-09 .13
HP	-02 05' 45.06378"	30 06' 26.69062"	1339.953	2009/3/11	11-mar-09 .08
HP	-02 06' 25.75185"	30 02' 22.25080"	1356.536	2009/3/12	12-mar-09 .04
HP	-02 06' 25.95342"	30 02' 20.56038"	1355.334	2009/3/12	12-mar-09 .03
HP	-02 06' 29.27839"	30 04' 27.91153"	1363.986	2009/3/12	12-mar-09 .10

4.15 Donnée de localisation de l'ouvrage du district Bugesera (2/2)

Name	Latitude	Longitude	Alti	Date	Comments
HP	-02 06' 32.40088"	30 04' 33.52768"	1361.583	2009/3/12	12-mar-09 .11
HP	-02 07' 13.91212"	30 04' 28.30170"	1359.9	2009/3/11	11-mar-09 .09
HP	-02 07' 59.79540"	30 06' 09.29513"	1338.271	2009/3/11	11-mar-09 .07
HP	-02 08' 00.38743"	30 03' 51.87038"	1364.947	2009/3/10	10-mar-09 .22
HP	-02 08' 01.62000"	30 05' 21.00000"	0		
HP	-02 08' 09.60000"	30 05' 28.92000"	0		
HP	-02 08' 50.51057"	30 04' 46.32002"	1371.196	2009/3/10	10-mar-09 .19
HP	-02 09' 02.81316"	30 02' 48.01769"	1359.66	2009/3/10	10-mar-09 .24
HP	-02 09' 12.42000"	30 03' 32.14800"	0		
HP	-02 09' 20.88000"	30 02' 15.68400"	0		
HP	-02 08' 06.72324"	30 06' 51.55891"	1362.303	2009/3/10	10-mar-09 .08
HP	-02 08' 24.26026"	30 07' 28.33180"	1371.677	2009/3/10	10-mar-09 .09
HP	-02 08' 35.81965"	30 07' 33.94888"	1373.599	2009/3/10	10-mar-09 .10
HP	-02 09' 01.02560"	30 04' 55.26656"	1371.196	2009/3/10	10-mar-09 .18
HP	-02 09' 19.38000"	30 05' 41.64000"	0		
HP	-02 09' 37.69529"	30 04' 22.98580"	1384.895	2009/3/10	10-mar-09 .12
HP	-02 10' 27.30000"	30 04' 34.35600"	0		
HP	-02 10' 53.41244"	30 08' 58.18438"	1395.469	2009/3/23	Gakamba
HP	-02 10' 57.77904"	30 07' 06.20159"	1408.206	2009/3/10	10-mar-09 .11
HP	-02 10' 13.08556"	30 12' 54.34272"	1344.039	2009/3/13	10.breakdown
HP	-02 21' 26.38800"	30 12' 18.50400"	0		
Nyabaror	-02 03' 44.70083"	30 05' 12.25500"	1357.257	2009/3/10	10-mar-09 .01 river
Office	-02 06' 04.04256"	30 11' 22.79342"	1459.396	2009/3/13	Juru
Office	-02 09' 13.51135"	30 06' 04.36788"	1454.589	2009/3/10	10-mar-09 .03 Nyamata sector
Office	-02 11' 12.11240"	30 01' 32.24683"	1472.134	2009/3/16	03.Musenyi
Office	-02 11' 47.38741"	30 07' 20.47760"	1482.227	2009/3/23	Mayange
Office	-02 06' 47.72971"	30 02' 59.04539"	1396.911	2009/3/12	12-mar-09 .01 Ntarama
Office	-02 05' 06.52024"	30 08' 29.23220"	1427.673	2009/3/11	11-mar-09 .01 Mwogo
Office	-02 08' 42.76831"	30 05' 37.17370"	1424.308	2009/1/30	Bugesera
Office	-02 10' 51.41698"	30 06' 16.72841"	1513.47	2009/3/10	10-mar-09 .04 cell Maranyundo
Office	-02 09' 45.25349"	30 13' 39.80806"	1384.895	2009/3/13	.09 Rilima
Plant	-02 20' 26.44132"	30 00' 08.95216"	1361.823	2009/1/30	Bugesera Plant
SP	-02 08' 03.35965"	30 06' 47.13408"	1362.544	2009/3/10	.07 Nyamata cell
SP	-02 10' 23.88997"	30 03' 03.28529"	1372.878	2009/3/10	10-mar-09 .15
SP	-02 10' 24.38846"	30 03' 03.33144"	1376.483	2009/3/16	05.Mwihherero
SP	-02 09' 57.64449"	29 59' 46.23475"	1364.947	2009/3/16	16-mar-09 .14
SP	-02 09' 22.54601"	30 00' 04.99054"	1359.179	2009/3/16	16-mar-09 .13
SP	-02 12' 19.22791"	30 00' 12.24396"	1389.701	2009/3/17	15.Kavumu
SP	-02 08' 26.97117"	30 03' 41.66618"	1360.862	2009/3/10	10-mar-09 .23
SP	-02 09' 23.81546"	30 04' 56.02152"	1374.56	2009/3/10	10-mar-09 .17
SP	-02 10' 32.92311"	30 02' 01.60336"	1375.281	2009/3/16	02.Kanyinya
SP	-02 11' 21.47143"	30 02' 11.47445"	1436.565	2009/3/16	06.Rwingseso
SP	-02 09' 51.86178"	30 03' 36.14418"	1373.599	2009/3/10	10-mar-09 .14
Tank	-02 11' 12.28379"	30 05' 43.39122"	1536.301	2009/3/23	800 m3
WS	-02 09' 23.66519"	30 04' 56.27500"	1375.041	2009/3/10	16.Rwakibirizi